FCC Test Report

Report No.:	2405A45676EB
Applicant:	Zhuhai Glory Technology Co., Ltd
Address:	8F, Bldg 7, No. 178 Dingxing Road, Tangjiawan Town, Zhuhai, Guangdong, China
Product Name:	WIRELESS NETWORK VIDEO RECORDER
Product Model:	GLH-1108AQ
Multiple Models:	GLH-1108AN, GLH-1108HR, GLH-1108AY
Trade Mark:	N/A
FCC ID:	2BMPT-H1108
Standards:	FCC CFR Title 47 Part 15C (§15.247)
Test Date:	2024-12-10 to 2025-03-05
Test Result:	Complied
Report Date:	2025-03-07

Reviewed by:	Frank Yin	**Approved by:**	Jacob Gong
	Frank Yin Project Engineer		Jacob Kong Manager

Prepared by:

World Alliance Testing & Certification (Shenzhen) Co., Ltd

No. 1002, East Block, Laobing Building, Xingye Road 3012, Xixiang street, Bao'an District, Shenzhen, Guangdong, People's Republic of China

NVLAP TESTING NVLAP LAB CODE 600335-0

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Revision History

Version No.	Issued Date	Description
00	*2025-03-07*	*Original*

Contents

1 General Information

1.1 Client Information

Applicant:	Zhuhai Glory Technology Co., Ltd
Address:	8F, Bldg 7, No. 178 Dingxing Road, Tangjiawan Town, Zhuhai, Guangdong, China
Manufacturer:	Zhuhai Glory Technology Co., Ltd
Address:	8F, Bldg 7, No. 178 Dingxing Road, Tangjiawan Town, Zhuhai, Guangdong, China

1.2 Product Description of EUT

The EUT is WIRELESS NETWORK VIDEO RECORDER that contains 2.4G WLAN radio, this report covers the full testing of the 2.4G WLAN radio.

Sample Serial Number	For CE&RE test: GLH-1108AY: 2VOV-8, GLH-1108AN: 2VOV-4, GLH-1108AQ: 2VOV-3, GLH-1108HR: 2VOV-6 For RF conducted test: 2VOV-3 (assigned by WATC)				
Sample Received Date	2024-12-09				
Sample Status	Good Condition				
Frequency Range	2412MHz - 2462MHz(802.11b, g, n-HT20) 2422MHz - 2452MHz(802.11n-HT40)				
Maximum Conducted Peak Output Power	19.16dBm				
Modulation Technology	DSSS, OFDM				
Antenna Gain#		GLH-1108AQ:	GLH-1108AY:	GLH-1108AN:	GLH-1108HR:
	Antenna 1 (chain 0)	3.23dBi	2.69dBi	2.76dBi	4.47dBi
	Antenna 2 (chain 1)	3.23dBi	2.69dBi	2.76dBi	4.47dBi
Spatial Streams#	MIMO(2TX, 2RX)				
Power Supply	DC 12V/1A from AC Adapter				
Adapter Information	N/A				
Modification	Sample No Modification by the test lab				
Note: All EUT models share same mainboard and have identical RF parameter setting, difference for model name, appearance, peripheral board and antenna, detail please refer DOS letter which provided by applicant and EUT photo.					

1.3 Antenna information

15.203 requirement:

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, the manufacturer may design the unit

so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.
Device Antenna information:
For model GLH-1108AQ, GLH-1108AY, GLH-1108AN, the Wi-Fi antennas are internal antenna which cannot replace by end-user. Please see product internal photos for details. For model GLH-1108HR, the Wi-Fi antennas are external antenna with unique antenna connector. Please see product external photos for details.

1.4 Related Submittal(s)/Grant(s)

No Related Submittal(s)/Grant(s)

1.5 Measurement Uncertainty

Parameter		Expanded Uncertainty (Confidence of 95%(U = 2Uc(y)))
AC Power Lines Conducted Emissions		±3.14dB
Emissions, Radiated	Below 30MHz	±2.78dB
	Below 1GHz	±4.84dB
	Above 1GHz	±5.44dB
Emissions, Conducted		1.75dB
Conducted Power		0.74dB
Frequency Error		150Hz
Bandwidth		0.34%
Power Spectral Density		0.74dB

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.*

1.6 Laboratory Location

World Alliance Testing & Certification (Shenzhen) Co., Ltd

No. 1002, East Block, Laobing Building, Xingye Road 3012, Xixiang street, Bao'an District, Shenzhen, Guangdong, People's Republic of China

Tel: +86-755-29691511, Email: qa@watc.com.cn

The lab has been recognized as the FCC accredited lab under the KDB 974614 D01 and is listed in the FCC Public Access Link (PAL) database, FCC Registration No. : 463912, the FCC Designation No. : CN5040.

The lab has been recognized by Innovation, Science and Economic Development Canada to test to Canadian radio equipment requirements, the CAB identifier: CN0160.

1.7 Test Methodology

FCC CFR 47 Part 2

FCC CFR 47 Part 15

KDB 558074 D01 15.247 Meas Guidance v05r02

KDB 662911 D01 Multiple Transmitter Output v02r01

ANSI C63.10-2013

Unless otherwise stated there are no any additions to, deviations, or exclusions from the method

2 Description of Measurement

2.1 Test Configuration

Operating channels:					
Channel No.	Frequency (MHz)	Channel No.	Frequency (MHz)	Channel No.	Frequency (MHz)
1	2412	5	2432	9	2452
2	2417	6	2437	10	2457
3	2422	7	2442	11	2462
4	2427	8	2447	/	/

According to ANSI C63.10-2013 chapter 5.6.1 Table 11 requirement, select lowest channel, middle channel, and highest channel in the frequency range in which device operates for testing. The detailed frequency points are as follows:

802.11b, 802.11g, 802.11n-HT20					
Lowest channel		Middle channel		Highest channel	
Channel No.	Frequency (MHz)	Channel No.	Frequency (MHz)	Channel No.	Frequency (MHz)
1	2412	6	2437	11	2462

802.11n-HT40					
Lowest channel		Middle channel		Highest channel	
Channel No.	Frequency (MHz)	Channel No.	Frequency (MHz)	Channel No.	Frequency (MHz)
3	2422	6	2437	9	2452

Test Mode:				
Transmitting mode:	Keep the EUT in continuous transmitting with modulation			
Exercise software#:	SecureCRT			
Mode	**Worst-case Data rate**	**Power Level Setting#**		
		Low Channel	**Middle Channel**	**High Channel**
802.11b	1Mbps	3	3	3
802.11g	6Mbps	-2	-2	-2
802.11n-HT20	6.5Mbps	0	0	0
802.11n-HT40	13.5Mbps	-6	-6	-6
The exercise software and the maximum power setting that provided by manufacturer.				

Worst-Case Configuration:

For AC power line conducted emission and radiated emission 9kHz-1GHz and above 18GHz were performed with the EUT transmits at the channel with highest output power as worst-case scenario.

For radiated emissions below 30MHz, three antenna orientations (parallel, perpendicular, gound-parallel) were tested, only record the worse case test data in report.

According to manufacturer, the device support MIMO mode, all modes share the same power level setting under the same modulation. So the worst mode MIMO was selected to test.

All EUT model listed in this report share same mainboard and with identical RF parameter setting, the

appearance, peripheral board and antenna is difference, model GLH-1108AQ was select for full test, the other models has checked maximum conducted output power, AC line conducted emissions and radiated emissions test.

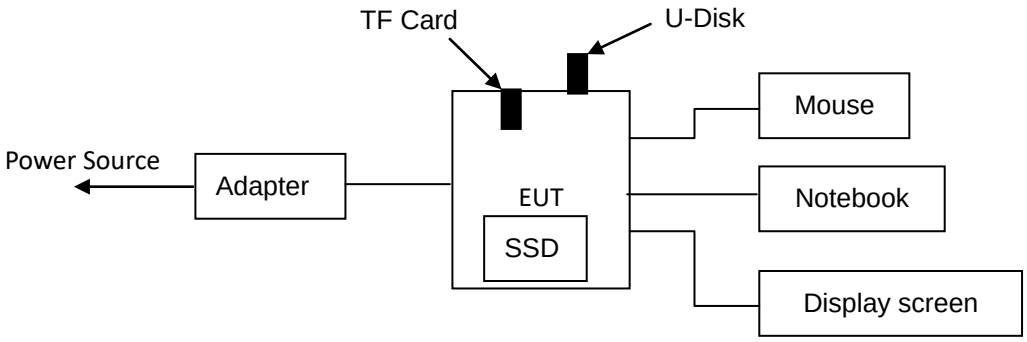
2.2 Test Auxiliary Equipment

Manufacturer	Description	Model	Serial Number
unknown	SSD	unknown	unknown
unknown	Display screen	unknown	unknown
unknown	U-Disk	unknown	unknown
unknown	TF Card	unknown	unknown
DELL	Notebook	unknown	unknown
C.SA Electronics(Dongguan)Co.,Ltd	AC adapter	CS-1201000	unknown

2.3 Interconnecting Cables

Manufacturer	Description	Length(m)	From	To
C.SA	DC cable	1.2	Adapter	EUT
Unknown	HDMI Cable (shielding, with Magnetic ring)	1.5	EUT	Display screen
unknown	RJ45 Cable	10	EUT	Notebook
Unknown	USB Cable	1.5	EUT	Mouse

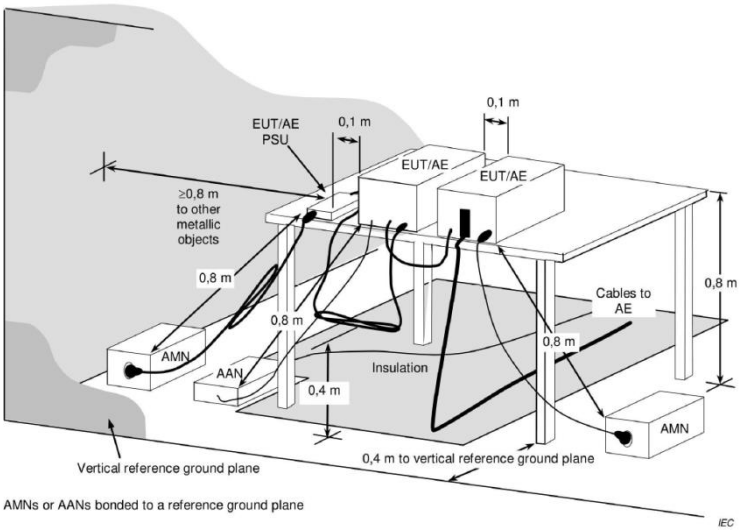
2.4 Block Diagram of Connection between EUT and AE



Note: for reference only, the actual connection setup used for testing please refer to the test photos.

2.5 Test Setup

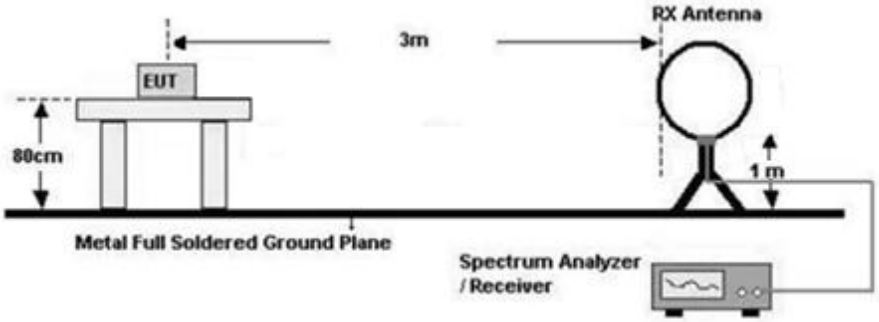
1) Conducted emission measurement:



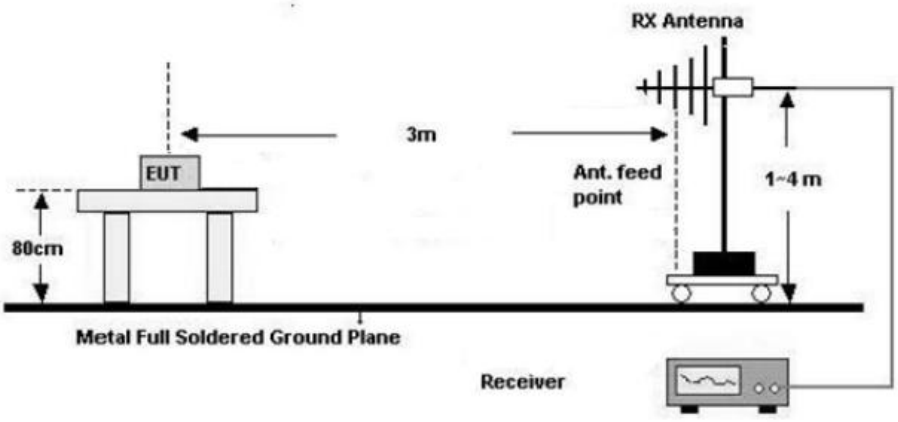
Note: The 0.8 m distance specified between EUT/AE/PSU and AMN/AAN, is applicable only to the EUT being measured. If the device is AE then it shall be >0.8 m.

2) Radiated emission measurement:

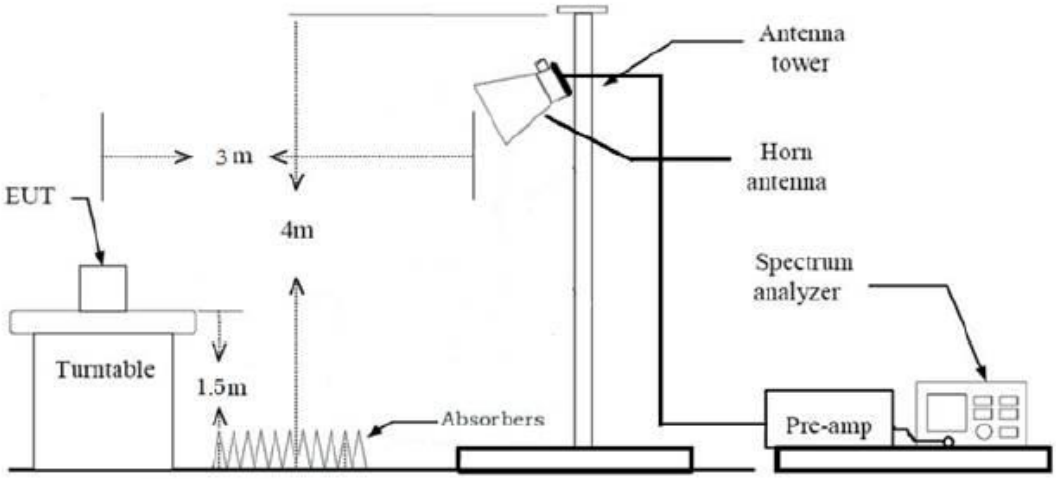
Below 30MHz (3m SAC)



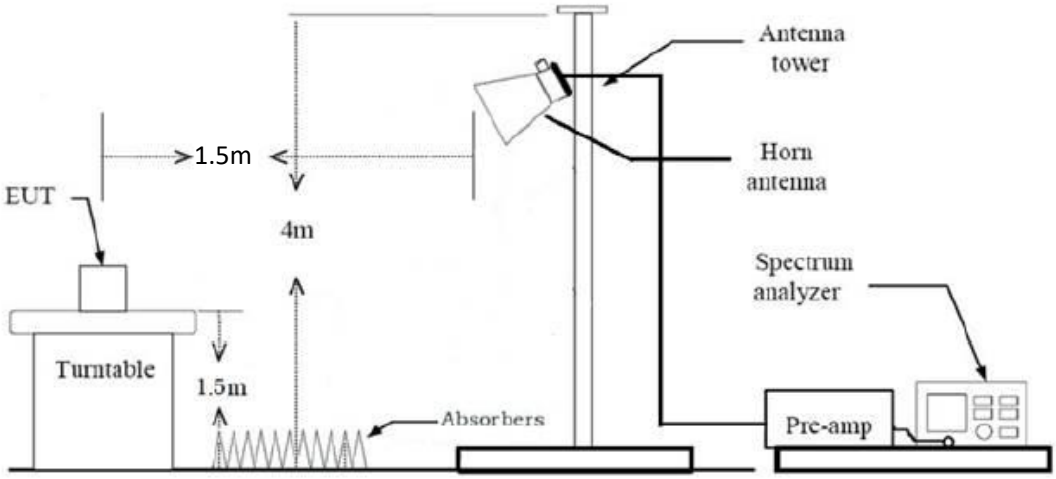
30MHz-1GHz (3m SAC)



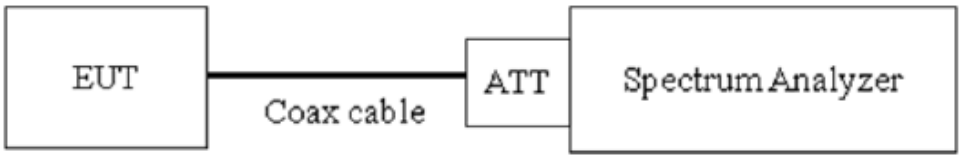
1GHz-18GHz



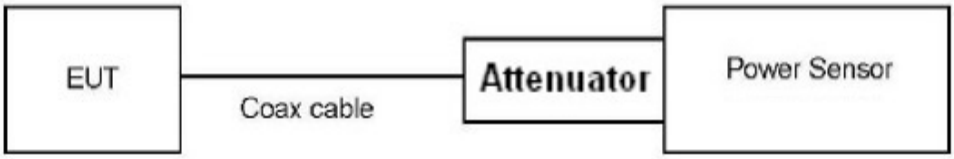
Above 18GHz



3) RF Conducted Test



or



2.6 Test Procedure

Conducted emission:

1. The E.U.T is placed on a non-conducting table 40cm from the vertical ground plane and 80cm above the horizontal ground plane (Please refer to the block diagram of the test setup and photographs).
2. Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10 on conducted measurement.
3. Line conducted data is recorded for both Line and Neutral

Radiated Emission Procedure:

a) For below 30MHz

1. All measurements were made at a test distance of 3 m. The measured data was extrapolated from the test distance (3m) to the specification distance (300 m from 9-490 kHz and 30 m from 490 kHz- 30 MHz) to clearly show the relative levels of fundamental and spurious emissions and demonstrate compliance with the requirement that the level of any spurious emissions be below the level of the intentionally transmitted signal. The extrapolation factor for the limits were 40*Log (test distance / specification distance).
2. Loop antenna use, investigation was done on the three antenna orientations (parallel, perpendicular, gound-parallel)
3. The RBW/VBW of receiver is set to 200Hz/1kHz for 9kHz to 150kHz range, to 9kHz/30kHz for 150kHz to 30MHz range for scan Peak emission, 200Hz/9kHz IF BW was used for final measurement in the Quasi-peak or average detection mode for frequency range 9~150kHz/150kHz~30MHz respectively.
4. If the Peak emission complies with the QP limit, then perform final measurement is optional.

b) For 30MHz-1GHz:

1. The EUT was placed on the tabletop of a rotating table 0.8 m the ground at a 3 m semi anechoic chamber. The measurement distance from the EUT to the receiving antenna is 3 m.
2. EUT works in each mode of operation that needs to be tested. The highest signal levels relative to the limit shall be determined by rotating the EUT from 0° to 360° and with varying the measurement antenna height between 1 m and 4 m in vertical and horizontal polarizations.
3. The RBW/VBW of receiver is set to 100kHz/300kHz for scan Peak emission, 120kHz IF BW was used for final measurement in the Quasi-peak detection mode.
4. If the Peak emission complies with the QP limit, then perform final measurement is optional.

c) For above 1GHz:

1. The EUT was placed on the tabletop of a rotating table 1.5 m the ground at a 3 m chamber. The measurement distance from the EUT to the receiving antenna is 3 m (1-18GHz) and 1.5 m (above 18GHz).
2. EUT works in each mode of operation that needs to be tested，and having the EUT continuously working. The highest signal levels relative to the limit shall be determined by rotating the EUT from 0° to 360° and with varying the measurement antenna height between 1 m and 4 m in vertical and horizontal polarizations.
3. The RBW/VBW of spectrum analyzer is set to 1MHz/3MHz for scan Peak emission, for measured average emission, reduce the VBW to 10Hz(for duty cycle≥98%), or ≥1/T(for duty cycle<98%). T is

minimum transmission duration. (Note: a high VBW (for example 1kHz, not less than 1/T) may used to scan average emissions to avoid long sweep time.)

4. If the Peak emission complies with the Average limit, then perform average measurement is optional.
5. Open the test software to control the test antenna and test turntable. Perform the test, save the test results, and export the test data.

RF Conducted Test:

1. The antenna port of EUT was connected to the RF port of the test equipment (Power Meter or Spectrum analyzer) through Attenuator and RF cable.
2. The cable assembly insertion loss of 8.0dB (including 6.0 dB Attenuator and 2.0dB cable) was entered as an offset in the power meter. Note: Actual cable loss was unavailable at the time of testing, therefore a loss of 2.0dB was assumed as worst case. This was later verified to be true by laboratory. (if the RF cable provided by client, the cable loss declared by client)
3. The EUT is keeping in continuous transmission mode and tested in all modulation modes.

2.7 Measurement Method

Description of Test	Measurement Method
AC Line Conducted Emissions	ANSI C63.10-2013 Section 6.2
Maximum Conducted Output Power	ANSI C63.10-2013 Section 11.9.1.2 PKPM1 Peak power meter method or ANSI C63.10-2013 Section 11.9.2.3.2 Method AVGPM-G
Power Spectral Density	ANSI C63.10-2013 Section 11.10.2 Method PKPSD (peak PSD)
6 dB Emission Bandwidth	ANSI C63.10-2013 Section 11.8.1
99% Occupied Bandwidth	ANSI C63.10-2013 Section 6.9.3
100kHz Bandwidth of Frequency Band Edge	ANSI C63.10-2013 Section 6.10
Radiated emission	ANSI C63.10-2013 Section 11.11&11.12
Duty Cycle	ANSI C63.10-2013 Section 11.6

2.8 Measurement Equipment

Manufacturer	Description	Model	Management No.	Calibration Date	Calibration Due Date
AC Line Conducted Emission Test					
ROHDE& SCHWARZ	EMI TEST RECEIVER	ESR	101817	2024/6/4	2025/6/3
R&S	LISN	ENV216	101748	2024/6/4	2025/6/3
N/A	Coaxial Cable	NO.12	N/A	2024/6/4	2025/6/3
Farad	Test Software	EZ-EMC	Ver. EMEC-3A1	/	/
Radiated Emission Test					
R&S	EMI test receiver	ESR3	102758	2024/6/4	2025/6/3
ROHDE& SCHWARZ	SPECTRUM ANALYZER	FSV40-N	101608	2024/6/4	2025/6/3
SONOMA INSTRUMENT	Low frequency amplifier	310	186014	2024/6/4	2025/6/3
A.H. Systems	PREAMPLIFIER	PAM-0118P	531	2024/6/4	2025/6/3
COM-POWER	Amplifier	PAM-840A	461306	2024/8/7	2025/8/6
BACL	Loop Antenna	1313-1A	4010611	2024/2/7	2027/2/6
SCHWARZBECK	Log - periodic wideband antenna	VULB 9163	9163-872	2023/7/7	2026/7/6
Astro Antenna Ltd	Horn antenna	AHA-118S	3015	2023/7/6	2026/7/5
Ducommun technologies	Horn Antenna	ARH-4223-02	1007726-03	2023/7/10	2026/7/9
Oulitong	Band Reject Filter	OBSF-2400-248 3.5-50N	OE02103119	2024/6/4	2025/6/3
N/A	Coaxial Cable	NO.9	N/A	2024/6/4	2025/6/3
N/A	Coaxial Cable	NO.13	N/A	2024/6/4	2025/6/3
N/A	Coaxial Cable	NO.15	N/A	2024/6/4	2025/6/3
N/A	Coaxial Cable	NO.16	N/A	2024/6/4	2025/6/3
N/A	Coaxial Cable	NO.17	N/A	2024/6/4	2025/6/3
Audix	Test Software	E3	191218 V9	/	/
RF Conducted Test					
ROHDE& SCHWARZ	SPECTRUM ANALYZER	FSV40	101419	2024/6/4	2025/6/3
ANRITSU	USB Power Sensor	MA24418A	12620	2024/6/4	2025/6/3
MEEA	6dB attenuator	603-06-1	N/A	2024/6/4	2025/6/3

Note: All equipment is calibrated with valid calibrations. Each measurement data is traceable to the national or International standards.

3 Test Results

3.1 Test Summary

FCC Rules	Description of Test	Result
§15.203	Antenna Requirement	Compliance
§15.207 (a)	AC Line Conducted Emissions	Compliance
§15.247(b)(3)	Maximum Conducted Output Power	Compliance
§15.247(e)	Power Spectral Density	Compliance
§15.247 (a)(2)	6 dB Emission Bandwidth	Compliance
-	99% Occupied Bandwidth	Report only
§15.247(d)	100kHz Bandwidth of Frequency Band Edge	Compliance
§15.205, §15.209, §15.247(d)	Radiated emission	Compliance
-	Duty Cycle	Report only

3.2 Limit

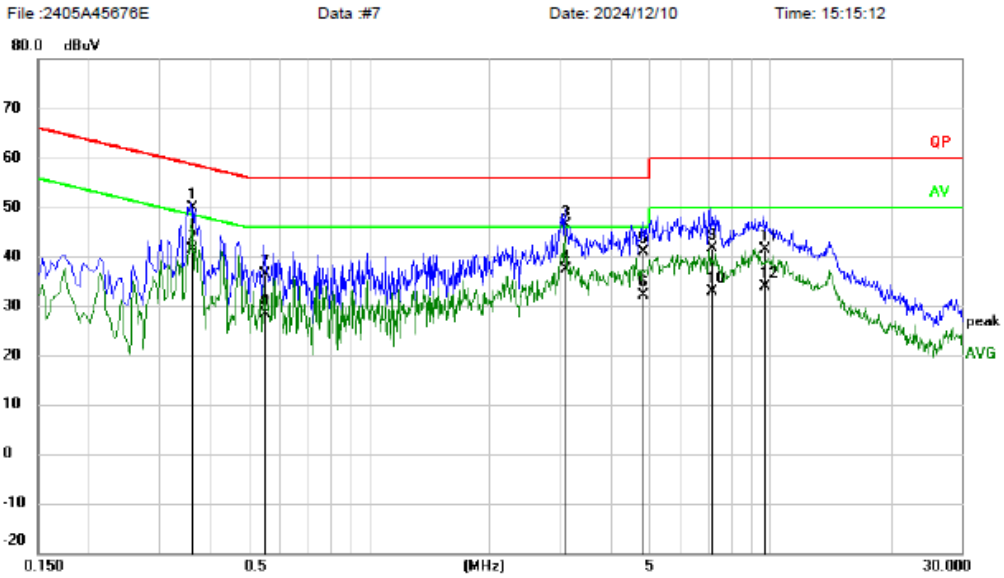
Test items	Limit
AC Line Conducted Emissions	See details §15.207 (a)
Conducted Output Power	For systems using digital modulation in the 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz bands: 1 Watt.
6dB Emission Bandwidth	The minimum 6 dB bandwidth shall be at least 500 kHz.
Power Spectral Density	For 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.
Spurious Emissions, 100kHz Bandwidth of Frequency Band Edge	In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in §15.209(a) is not required. 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) (see §15.205(c)).

3.3 AC Line Conducted Emissions Test Data

Test Date:	2025-12-10~2025-01-06	Test By:	Lirou Li
Environment condition:	Temperature: 21~23.1°C; Relative Humidity: 42~56%; ATM Pressure: 100.9~101.0kPa		

Model: GLH-1108AQ

Conducted Emission Measurement



Limit: QP
Mode:transmitting
Note: 802.11n20 low channel(chain 0+chain 1)

Phase: L1
Power: AC 120V/60Hz

Temperature: 23.1 ℃
Humidity: 56 %
Air Pressure: 1010 hpa

Receiver Setting:
9~150kHz(if apply): Pre-scan: RBW: 200Hz, DET: PK/AV; Final measure: RBW: 200Hz, DET: QP/AV
0.15~30MHz: Pre-scan: RBW: 9kHz, DET: PK/AV; Final measure: RBW: 9kHz, DET: QP/AV

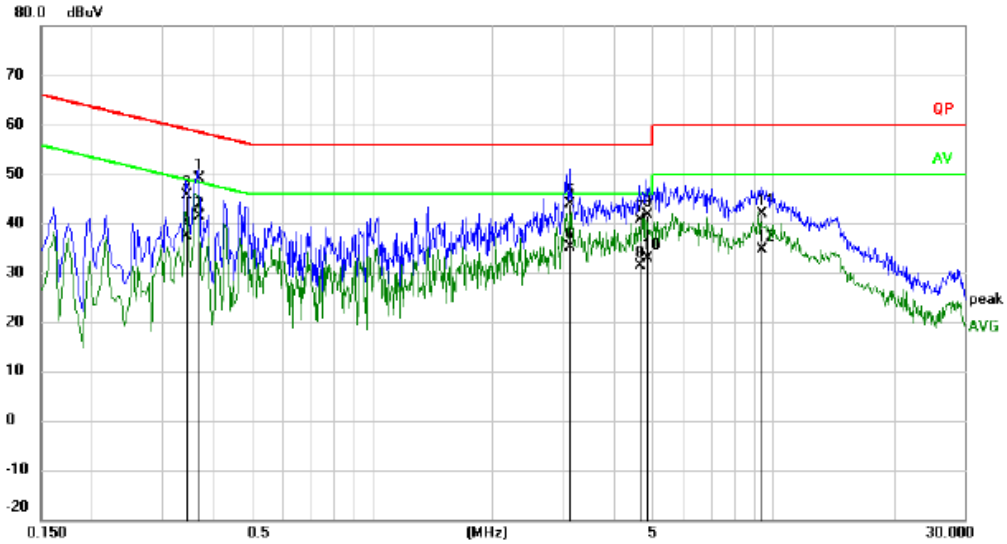
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over Limit		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.3620	39.32	10.46	49.78	58.68	-8.90	QP	
2	*	0.3620	30.97	10.46	41.43	48.68	-7.25	AVG	
3		3.0820	35.64	10.69	46.33	56.00	-9.67	QP	
4		3.0820	26.68	10.69	37.37	46.00	-8.63	AVG	
5		4.8060	30.42	10.55	40.97	56.00	-15.03	QP	
6		4.8060	21.57	10.55	32.12	46.00	-13.88	AVG	
7		0.5500	25.74	10.53	36.27	56.00	-19.73	QP	
8		0.5500	17.75	10.53	28.28	46.00	-17.72	AVG	
9		7.1500	31.26	10.32	41.58	60.00	-18.42	QP	
10		7.1500	22.64	10.32	32.96	50.00	-17.04	AVG	
11		9.6780	31.09	10.41	41.50	60.00	-18.50	QP	
12		9.6780	23.51	10.41	33.92	50.00	-16.08	AVG	

*:Maximum data x:Over limit !:over margin

Engineer Signature: Lirou

Conducted Emission Measurement

File :2405A45676E Data :#8 Date: 2024/12/10 Time: 15:26:02



Limit: QP Phase: N Temperature: 23.1 ℃

Mode:transmitting Power: AC 120V/60Hz Humidity: 56 %

Note: 802.11n20 low channel(chain 0+chain 1) Air Pressure: 1010 hpa

Receiver Setting:

9~150kHz(if apply): Pre-scan: RBW: 200Hz, DET: PK/AV; Final measure: RBW: 200Hz, DET: QP/AV

0.15~30MHz: Pre-scan: RBW: 9kHz, DET: PK/AV; Final measure: RBW: 9kHz, DET: QP/AV

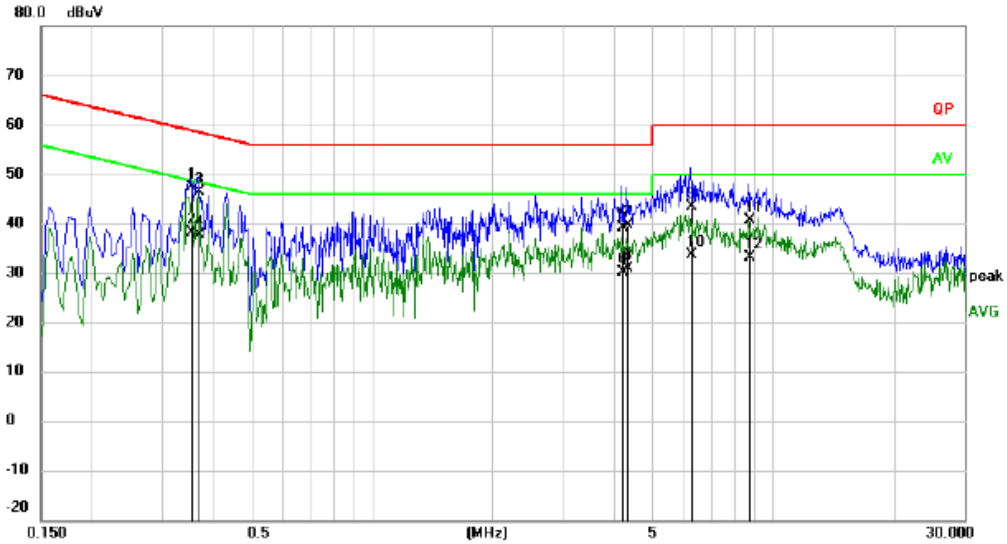
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over Limit		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.3700	38.72	10.46	49.18	58.50	-9.32	QP	
2	*	0.3700	30.88	10.46	41.34	48.50	-7.16	AVG	
3		0.3460	35.26	10.44	45.70	59.06	-13.36	QP	
4		0.3460	27.02	10.44	37.46	49.06	-11.60	AVG	
5		3.1099	33.32	10.53	43.85	56.00	-12.15	QP	
6		3.1099	24.56	10.53	35.09	46.00	-10.91	AVG	
7		4.6260	30.32	10.43	40.75	56.00	-15.25	QP	
8		4.6260	21.01	10.43	31.44	46.00	-14.56	AVG	
9		4.8340	31.14	10.44	41.58	56.00	-14.42	QP	
10		4.8340	22.50	10.44	32.94	46.00	-13.06	AVG	
11		9.3180	31.43	10.42	41.85	60.00	-18.15	QP	
12		9.3180	24.15	10.42	34.57	50.00	-15.43	AVG	

*:Maximum data x:Over limit !:over margin Engineer Signature: Lirou

Model: GLH-1108AN

Conducted Emission Measurement

File :2405A45676E Data :#19 Date: 2025/1/6 Time: 13:16:11



Limit: QP Phase: *L1* Temperature: 21.0 ℃

Mode: Transmitting Power: AC 120V/60Hz Humidity: 42 %

Note: 802.11g High channel(chain 0 + chain 1) Air Pressure: 1009 hpa

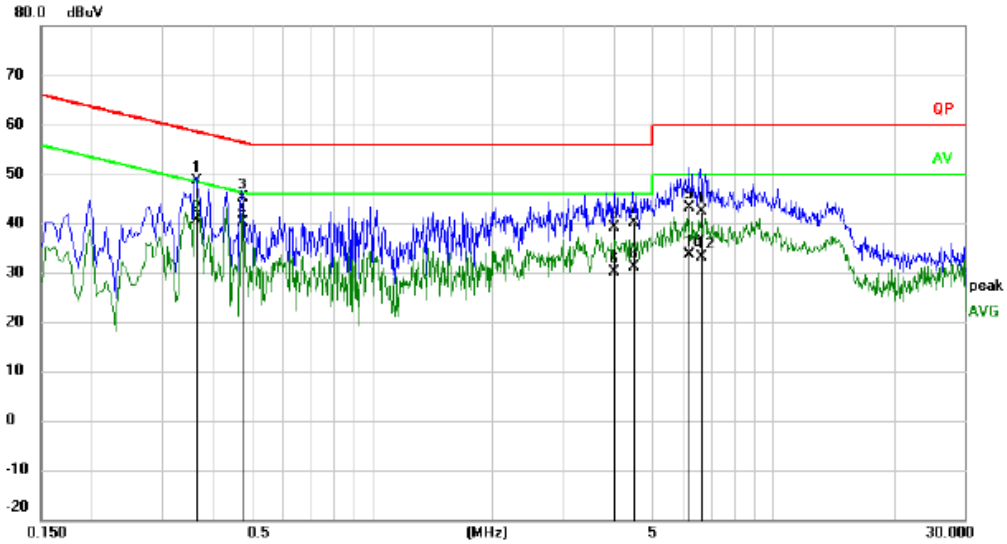
Receiver Setting:
9~150kHz(if apply): Pre-scan: RBW: 200Hz, DET: PK/AV; Final measure: RBW: 200Hz, DET: QP/AV
0.15~30MHz: Pre-scan: RBW: 9kHz, DET: PK/AV; Final measure: RBW: 9kHz, DET: QP/AV

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over Limit		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.3540	36.70	10.68	47.38	58.87	-11.49	QP	
2	*	0.3540	27.51	10.68	38.19	48.87	-10.68	AVG	
3		0.3700	35.68	10.68	46.36	58.50	-12.14	QP	
4		0.3700	27.01	10.68	37.69	48.50	-10.81	AVG	
5		4.2100	28.44	10.66	39.10	56.00	-16.90	QP	
6		4.2100	19.56	10.66	30.22	46.00	-15.78	AVG	
7		4.3300	29.05	10.65	39.70	56.00	-16.30	QP	
8		4.3300	20.31	10.65	30.96	46.00	-15.04	AVG	
9		6.2339	32.92	10.45	43.37	60.00	-16.63	QP	
10		6.2339	23.09	10.45	33.54	50.00	-16.46	AVG	
11		8.7179	30.25	10.49	40.74	60.00	-19.26	QP	
12		8.7179	22.69	10.49	33.18	50.00	-16.82	AVG	

*:Maximum data x:Over limit !:over margin Engineer Signature: Lirou

Conducted Emission Measurement

File :2405A45676E Data :#20 Date: 2025/1/6 Time: 13:18:13



Limit: QP Phase: N Temperature: 21.0 ℃

Mode: Transmitting Power: AC 120V/60Hz Humidity: 42 %

Note: 802.11g High channel(chain 0 + chain 1) Air Pressure: 1009 hpa

Receiver Setting:

9~150kHz(if apply): Pre-scan: RBW: 200Hz, DET: PK/AV; Final measure: RBW: 200Hz, DET: QP/AV

0.15~30MHz: Pre-scan: RBW: 9kHz, DET: PK/AV; Final measure: RBW: 9kHz, DET: QP/AV

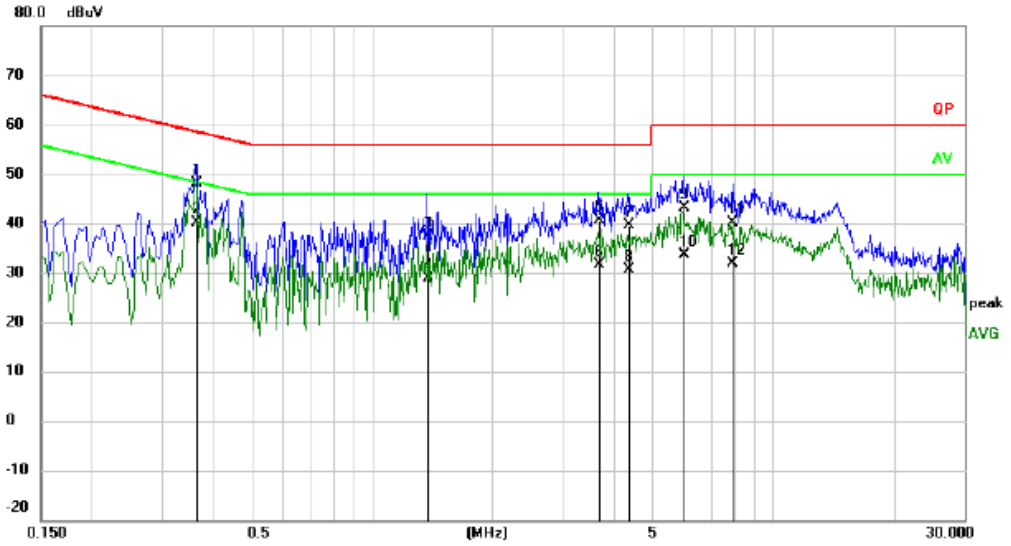
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over Limit		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.3660	38.02	10.65	48.67	58.59	-9.92	QP	
2		0.3660	30.00	10.65	40.65	48.59	-7.94	AVG	
3		0.4740	34.25	10.76	45.01	56.44	-11.43	QP	
4	*	0.4740	29.37	10.76	40.13	46.44	-6.31	AVG	
5		4.0180	28.58	10.48	39.06	56.00	-16.94	QP	
6		4.0180	19.77	10.48	30.25	46.00	-15.75	AVG	
7		4.4818	29.70	10.45	40.15	56.00	-15.85	QP	
8		4.4818	20.80	10.45	31.25	46.00	-14.75	AVG	
9		6.1579	32.87	10.33	43.20	60.00	-16.80	QP	
10		6.1579	23.36	10.33	33.69	50.00	-16.31	AVG	
11		6.6179	32.10	10.30	42.40	60.00	-17.60	QP	
12		6.6179	22.83	10.30	33.13	50.00	-16.87	AVG	

*:Maximum data x:Over limit !:over margin Engineer Signature: Lirou

Model: GLH-1108HR

Conducted Emission Measurement

File :2405A45676E Data :#22 Date: 2025/1/6 Time: 13:53:29



Limit: QP Phase: *L1* Temperature: 21.0 ℃

Mode:transmitting Power: AC 120V/60Hz Humidity: 42 %

Note: 802.11g High channel(chain 0+chain 1) Air Pressure: 1009 hpa

Receiver Setting:
9~150kHz(if apply): Pre-scan: RBW: 200Hz, DET: PK/AV; Final measure: RBW: 200Hz, DET: QP/AV
0.15~30MHz: Pre-scan: RBW: 9kHz, DET: PK/AV; Final measure: RBW: 9kHz, DET: QP/AV

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over Limit		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.3660	37.48	10.68	48.16	58.59	-10.43	QP	
2	*	0.3660	29.48	10.68	40.16	48.59	-8.43	AVG	
3		1.3740	26.56	10.86	37.42	56.00	-18.58	QP	
4		1.3740	18.06	10.86	28.92	46.00	-17.08	AVG	
5		3.6740	30.09	10.60	40.69	56.00	-15.31	QP	
6		3.6740	20.97	10.60	31.57	46.00	-14.43	AVG	
7		4.3380	28.99	10.65	39.64	56.00	-16.36	QP	
8		4.3380	19.89	10.65	30.54	46.00	-15.46	AVG	
9		5.9860	32.66	10.47	43.13	60.00	-16.87	QP	
10		5.9860	23.24	10.47	33.71	50.00	-16.29	AVG	
11		7.9020	29.78	10.44	40.22	60.00	-19.78	QP	
12		7.9020	21.48	10.44	31.92	50.00	-18.08	AVG	

*:Maximum data x:Over limit !:over margin Engineer Signature: Lirou

Conducted Emission Measurement

File :2405A45676E Data :#21 Date: 2025/1/6 Time: 13:51:01

Limit: QP Phase: N Temperature: 21.0 ℃

Mode:transmitting Power: AC 120V/60Hz Humidity: 42 %

Note: 802.11g High channel(chain 0+chain 1) Air Pressure: 1009 hpa

Receiver Setting:

9~150kHz(if apply): Pre-scan: RBW: 200Hz, DET: PK/AV; Final measure: RBW: 200Hz, DET: QP/AV

0.15~30MHz: Pre-scan: RBW: 9kHz, DET: PK/AV; Final measure: RBW: 9kHz, DET: QP/AV

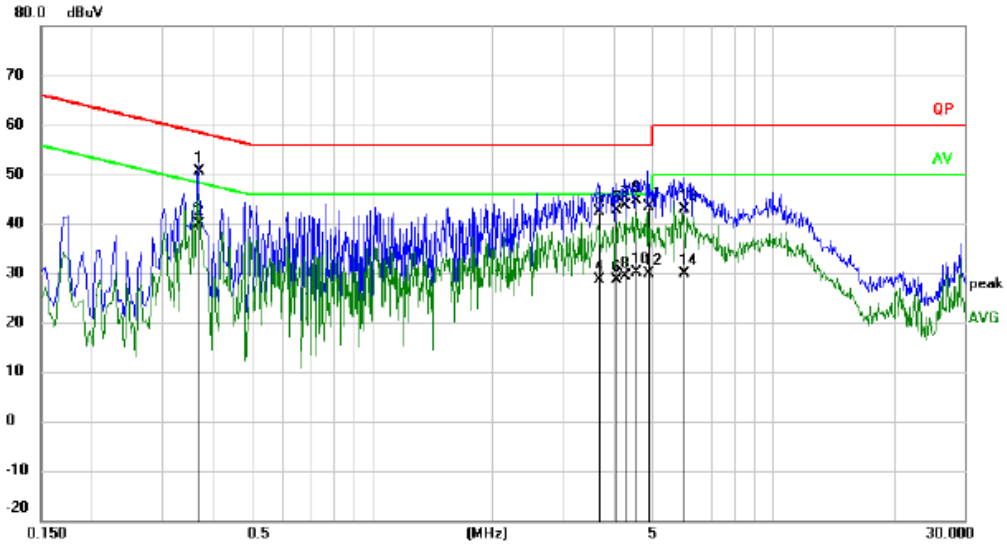
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over Limit		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.3460	36.14	10.64	46.78	59.06	-12.28	QP	
2		0.3460	26.46	10.64	37.10	49.06	-11.96	AVG	
3		0.3620	39.02	10.64	49.66	58.68	-9.02	QP	
4	*	0.3620	31.47	10.64	42.11	48.68	-6.57	AVG	
5		4.4818	29.06	10.45	39.51	56.00	-16.49	QP	
6		4.4818	19.94	10.45	30.39	46.00	-15.61	AVG	
7		5.9859	32.11	10.34	42.45	60.00	-17.55	QP	
8		5.9859	23.01	10.34	33.35	50.00	-16.65	AVG	
9		6.3419	31.97	10.31	42.28	60.00	-17.72	QP	
10		6.3419	22.46	10.31	32.77	50.00	-17.23	AVG	
11		6.6139	32.16	10.30	42.46	60.00	-17.54	QP	
12		6.6139	23.45	10.30	33.75	50.00	-16.25	AVG	

*:Maximum data x:Over limit !:over margin Engineer Signature: Lirou

Model: GLH-1108AY

Conducted Emission Measurement

File :2405A45676E Data :#33 Date: 2025/1/5 Time: 14:31:05



Limit: QP	Phase:	*L1*	Temperature: 22.5 ℃
Mode:transmitting	Power:	AC 120V/60Hz	Humidity: 44 %
Note: 802.11g High channel(chain 0+chain 1)			Air Pressure: 1010 hpa

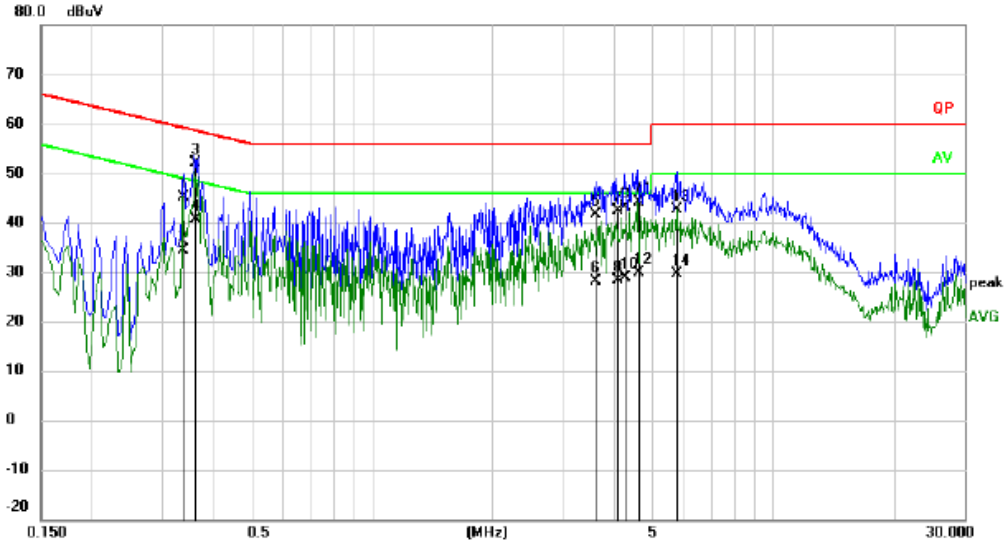
Receiver Setting:
9~150kHz(if apply): Pre-scan: RBW: 200Hz, DET: PK/AV; Final measure: RBW: 200Hz, DET: QP/AV
0.15~30MHz: Pre-scan: RBW: 9kHz, DET: PK/AV; Final measure: RBW: 9kHz, DET: QP/AV

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over Limit		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.3700	39.96	10.68	50.64	58.50	-7.86	QP	
2		0.3700	29.32	10.68	40.00	48.50	-8.50	AVG	
3		3.6700	31.75	10.60	42.35	56.00	-13.65	QP	
4		3.6700	18.06	10.60	28.66	46.00	-17.34	AVG	
5		4.0540	31.86	10.67	42.53	56.00	-13.47	QP	
6		4.0540	17.93	10.67	28.60	46.00	-17.40	AVG	
7		4.2660	32.90	10.65	43.55	56.00	-12.45	QP	
8		4.2660	18.67	10.65	29.32	46.00	-16.68	AVG	
9		4.5620	34.04	10.61	44.65	56.00	-11.35	QP	
10		4.5620	19.48	10.61	30.09	46.00	-15.91	AVG	
11		4.8740	32.77	10.58	43.35	56.00	-12.65	QP	
12		4.8740	19.26	10.58	29.84	46.00	-16.16	AVG	
13		5.9899	32.30	10.47	42.77	60.00	-17.23	QP	
14		5.9899	19.40	10.47	29.87	50.00	-20.13	AVG	

*:Maximum data x:Over limit !:over margin Engineer Signature: Lirou

Conducted Emission Measurement

File :2405A45676E Data :#34 Date: 2025/1/5 Time: 14:32:47



Limit: QP Phase: N Temperature: 22.5 ℃

Mode:transmitting Power: AC 120V/60Hz Humidity: 44 %

Note: 802.11g High channel(chain 0+chain 1) Air Pressure: 1010 hpa

Receiver Setting:

9~150kHz(if apply): Pre-scan: RBW: 200Hz, DET: PK/AV; Final measure: RBW: 200Hz, DET: QP/AV

0.15~30MHz: Pre-scan: RBW: 9kHz, DET: PK/AV; Final measure: RBW: 9kHz, DET: QP/AV

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over Limit		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.3379	34.59	10.63	45.22	59.25	-14.03	QP	
2		0.3379	23.65	10.63	34.28	49.25	-14.97	AVG	
3	*	0.3620	41.38	10.64	52.02	58.68	-6.66	QP	
4		0.3620	30.11	10.64	40.75	48.68	-7.93	AVG	
5		3.6140	31.15	10.46	41.61	56.00	-14.39	QP	
6		3.6140	17.57	10.46	28.03	46.00	-17.97	AVG	
7		4.0900	31.91	10.47	42.38	56.00	-13.62	QP	
8		4.0900	17.82	10.47	28.29	46.00	-17.71	AVG	
9		4.2580	32.78	10.46	43.24	56.00	-12.76	QP	
10		4.2580	18.49	10.46	28.95	46.00	-17.05	AVG	
11		4.6140	33.82	10.43	44.25	56.00	-11.75	QP	
12		4.6140	19.33	10.43	29.76	46.00	-16.24	AVG	
13		5.7580	32.30	10.35	42.65	60.00	-17.35	QP	
14		5.7580	19.37	10.35	29.72	50.00	-20.28	AVG	

*:Maximum data x:Over limit !:over margin Engineer Signature: Lirou

Remark:

Measurement (dBuV)= Reading Level (dBuV) + Correct Factor(dB)

Correct Factor (dB)= LISN Voltage Division Factor (dB)+ Cable loss(dB)

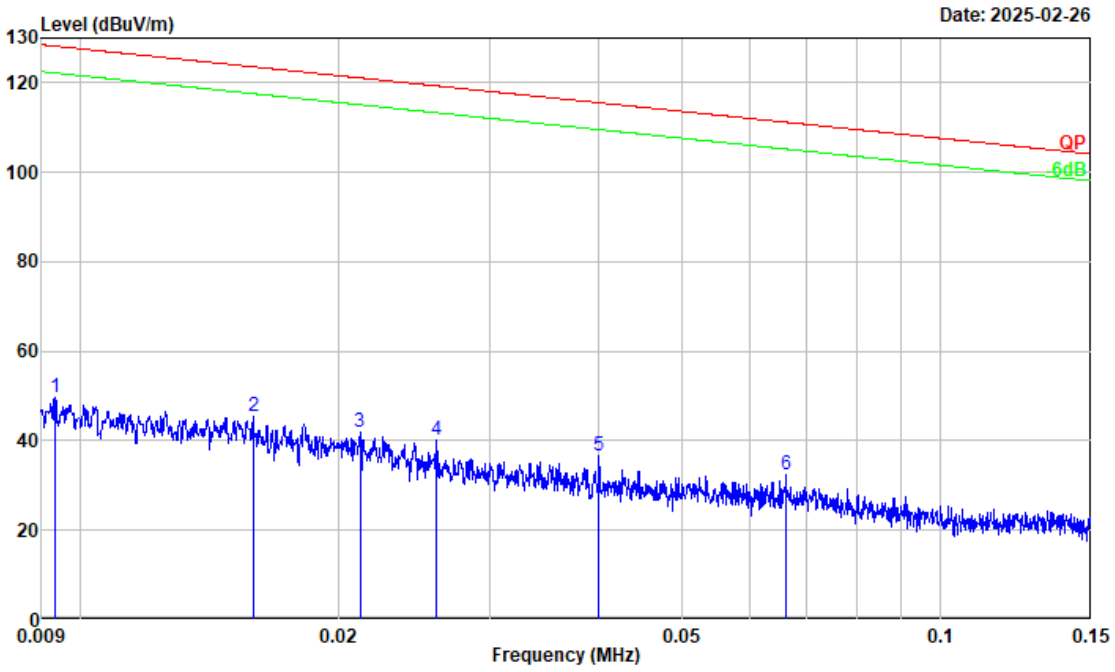
Over Limit = Measurement – Limit

3.4 Radiated emission Test Data

9 kHz-30MHz:

Test Date:	2025-02-26	**Test By:**	Bard Huang
Environment condition:	Temperature: 22.5°C; Relative Humidity:47%; ATM Pressure: 101.5kPa		

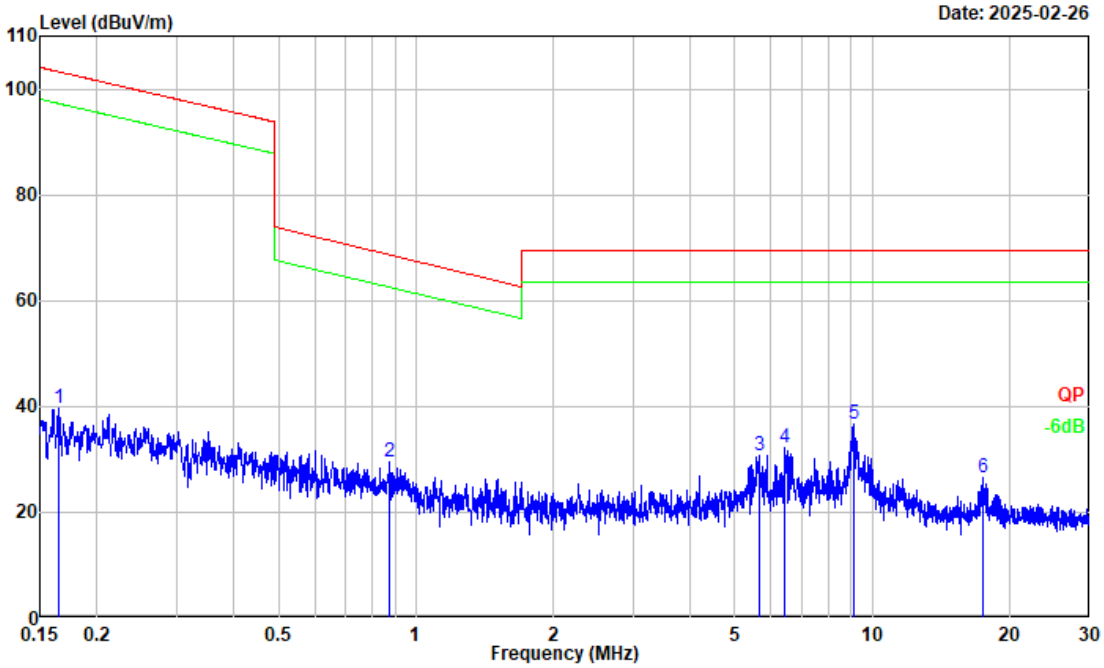
Model: GLH-1108AQ



Project No. : 2405A45676E-RF
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 22.5℃/47%R.H./101.5kPa
Tested by : Bard Huang
Polarization : PARALLEL
Remark : 802.11n20 Low channel (chain 0+chain 1)

--No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Over Limit (dB)	Detector
1	0.009	11.98	37.74	49.72	128.19	-78.47	Peak
2	0.016	12.05	33.48	45.53	123.58	-78.05	Peak
3	0.021	11.71	30.14	41.85	121.10	-79.25	Peak
4	0.026	13.01	27.10	40.11	119.33	-79.22	Peak
5	0.040	14.05	22.45	36.50	115.54	-79.04	Peak
6	0.066	14.24	18.17	32.41	111.19	-78.78	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: RBW/VBW: 200Hz/1kHz, DET: PK

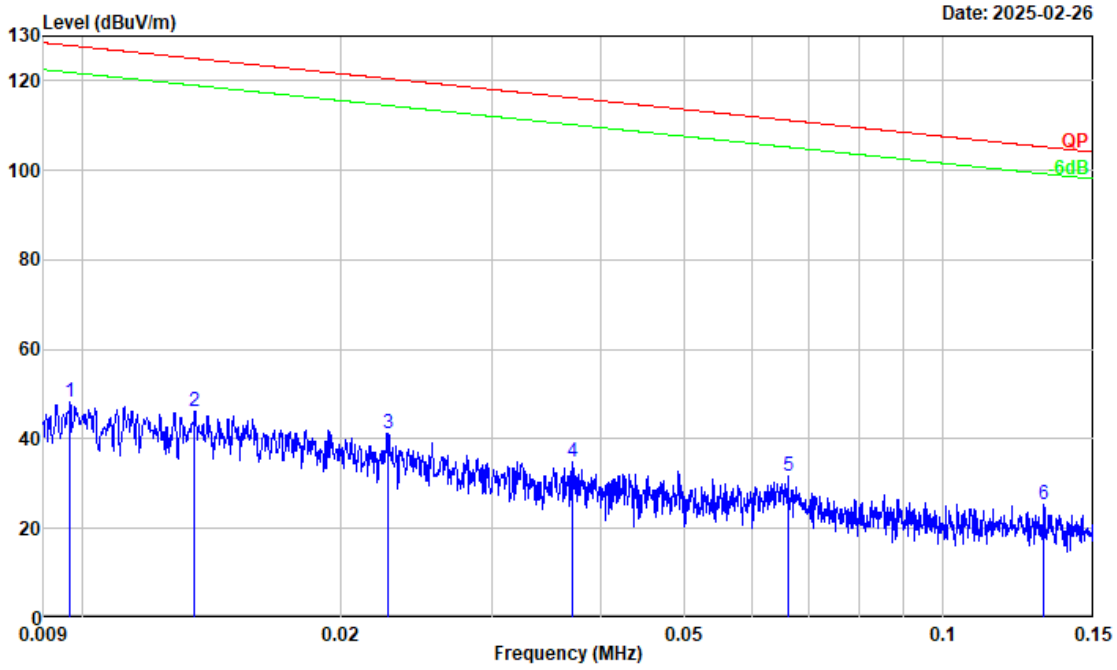


Project No. : 2405A45676E-RF
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 22.5℃/47%R.H./101.5kPa
Tested by : Bard Huang
Polarization : PARALLEL
Remark : 802.11n20 Low channel (chain 0+chain 1)

--No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Over Limit (dB)	Detector
1	0.165	26.51	13.15	39.66	103.25	-63.59	Peak
2	0.878	27.89	1.64	29.53	68.63	-39.10	Peak
3	5.660	34.86	-4.04	30.82	69.54	-38.72	Peak
4	6.439	36.15	-4.05	32.10	69.54	-37.44	Peak
5	9.120	40.20	-3.65	36.55	69.54	-32.99	Peak
6	17.441	29.63	-3.24	26.39	69.54	-43.15	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: RBW/VBW: 9kHz/30kHz, DET: PK

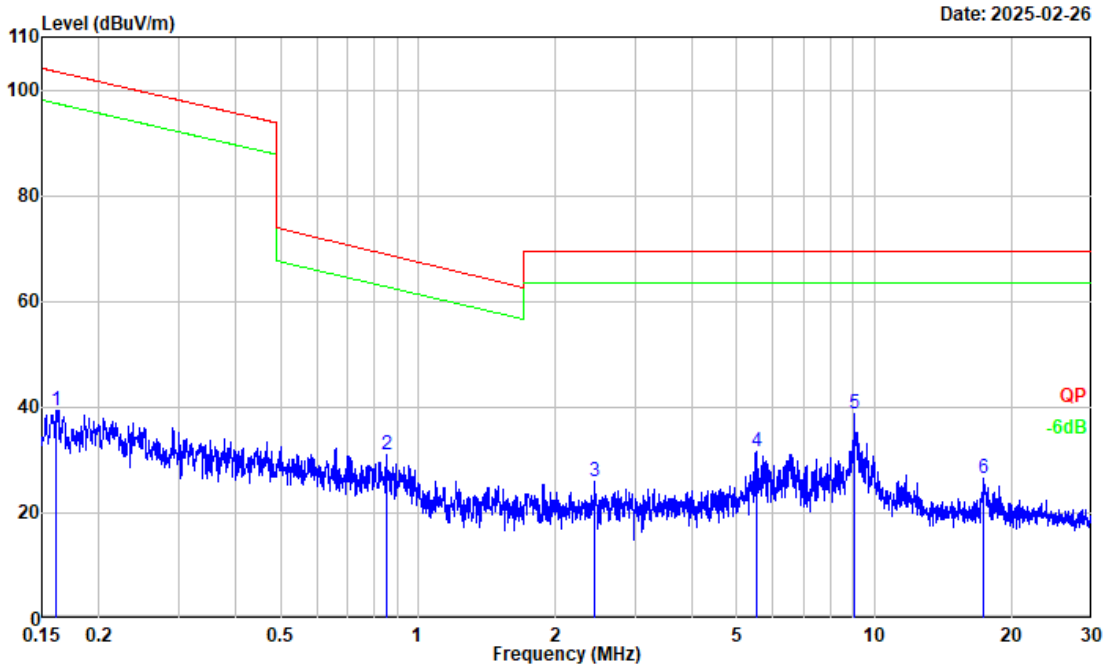
Model: GLH-1108AN



Project No. : 2405A45676E-RF
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 22.5℃/47%R.H./101.5kPa
Tested by : Bard Huang
Polarization : PARALLEL
Remark : 802.11g high channel (chain 0+chain 1)

--No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Over Limit (dB)	Detector
1	0.010	10.71	37.47	48.18	127.88	-79.70	Peak
2	0.014	11.16	34.99	46.15	124.99	-78.84	Peak
3	0.023	12.07	29.20	41.27	120.51	-79.24	Peak
4	0.037	11.85	23.05	34.90	116.20	-81.30	Peak
5	0.066	13.48	18.18	31.66	111.20	-79.54	Peak
6	0.131	11.40	14.11	25.51	105.24	-79.73	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: RBW/VBW: 200Hz/1kHz, DET: PK

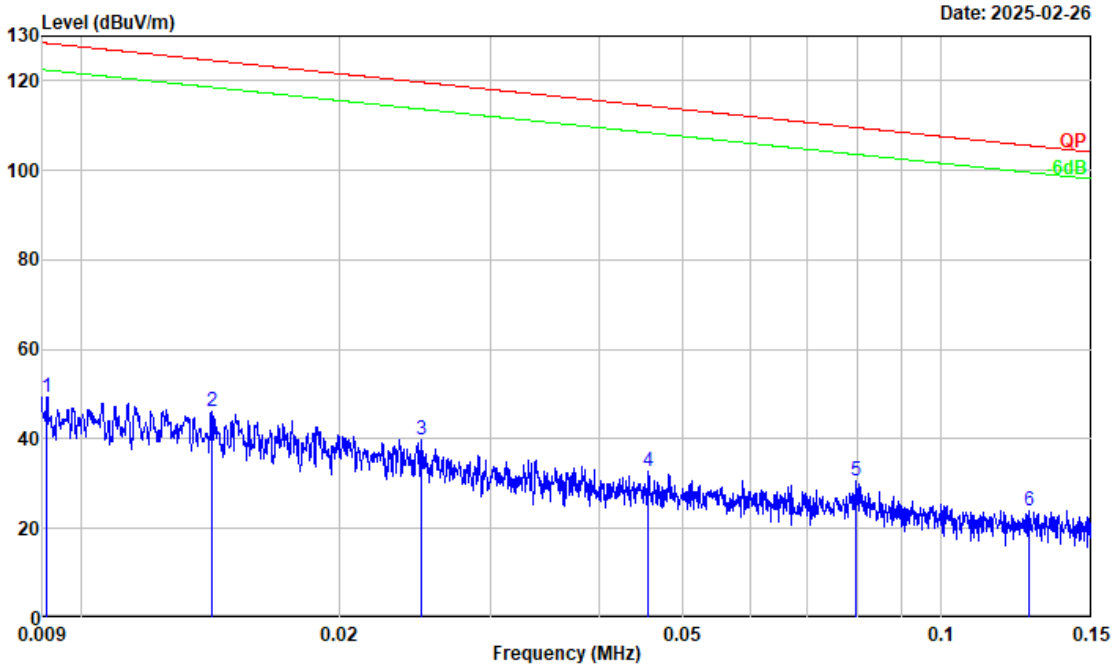


Project No. : 2405A45676E-RF
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 22.5℃/47%R.H./101.5kPa
Tested by : Bard Huang
Polarization : PARALLEL
Remark : 802.11g high channel (chain 0+chain 1)

--No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Over Limit (dB)	Detector
1	0.161	26.24	13.25	39.49	103.45	-63.96	Peak
2	0.852	29.07	1.90	30.97	68.90	-37.93	Peak
3	2.437	28.69	-2.82	25.87	69.54	-43.67	Peak
4	5.512	35.60	-4.03	31.57	69.54	-37.97	Peak
5	9.040	42.34	-3.66	38.68	69.54	-30.86	Peak
6	17.410	29.87	-3.25	26.62	69.54	-42.92	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: RBW/VBW: 9kHz/30kHz, DET: PK

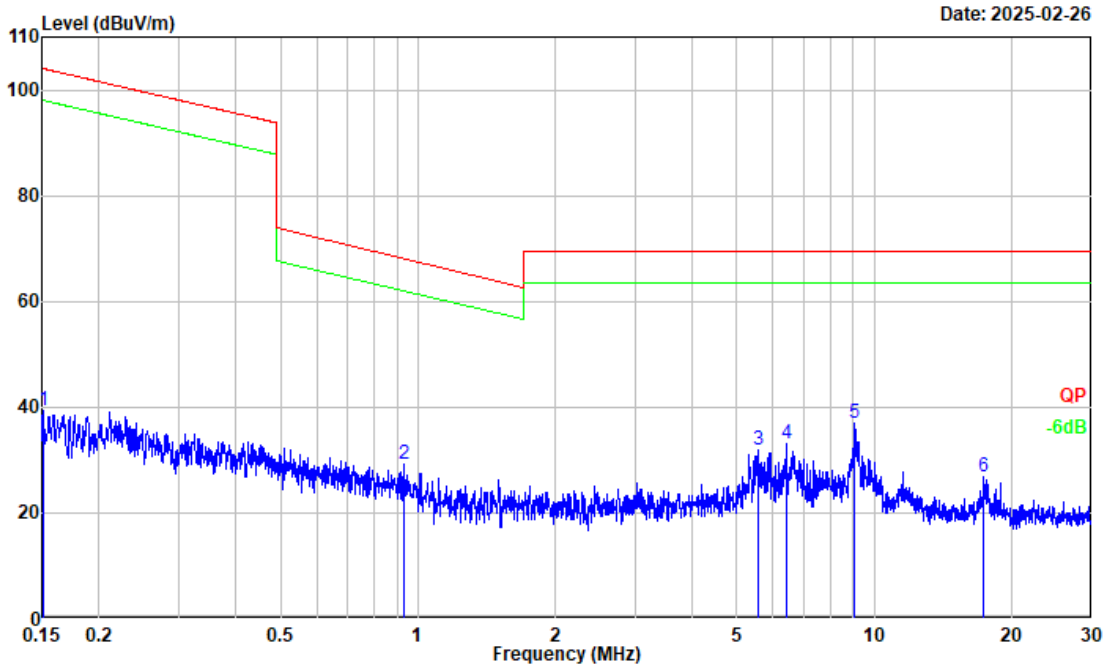
Model: GLH-1108HR



Project No. : 2405A45676E-RF
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 22.5℃/47%R.H./101.5kPa
Tested by : Bard Huang
Polarization : PARALLEL
Remark : 802.11g high channel (chain 0+chain 1)

--No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Over Limit (dB)	Detector
1	0.009	11.47	37.92	49.39	128.40	-79.01	Peak
2	0.014	11.53	34.57	46.10	124.57	-78.47	Peak
3	0.025	11.91	27.78	39.69	119.69	-80.00	Peak
4	0.046	11.34	21.31	32.65	114.41	-81.76	Peak
5	0.080	14.26	16.30	30.56	109.57	-79.01	Peak
6	0.127	9.81	14.23	24.04	105.55	-81.51	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: RBW/VBW: 200Hz/1kHz, DET: PK

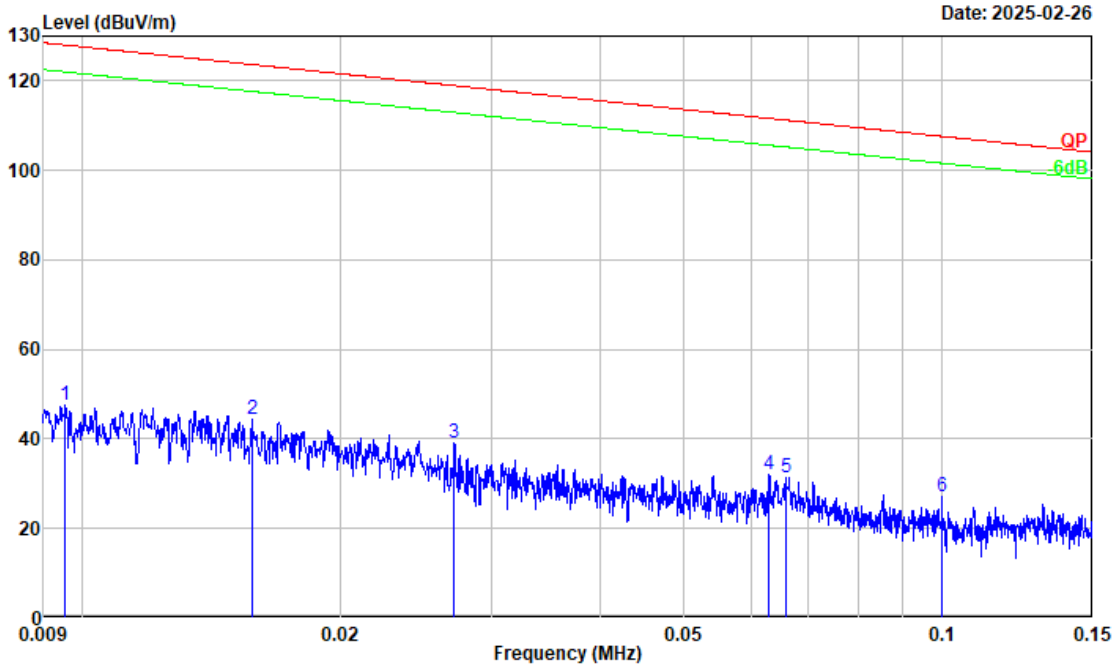


Project No. : 2405A45676E-RF
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 22.5℃/47%R.H./101.5kPa
Tested by : Bard Huang
Polarization : PARALLEL
Remark : 802.11g high channel (chain 0+chain 1)

--No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Over Limit (dB)	Detector
1	0.151	25.83	13.54	39.37	104.02	-64.65	Peak
2	0.935	28.00	1.07	29.07	68.07	-39.00	Peak
3	5.571	35.82	-4.04	31.78	69.54	-37.76	Peak
4	6.428	37.26	-4.05	33.21	69.54	-36.33	Peak
5	9.072	40.51	-3.66	36.85	69.54	-32.69	Peak
6	17.379	29.97	-3.25	26.72	69.54	-42.82	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: RBW/VBW: 9kHz/30kHz, DET: PK

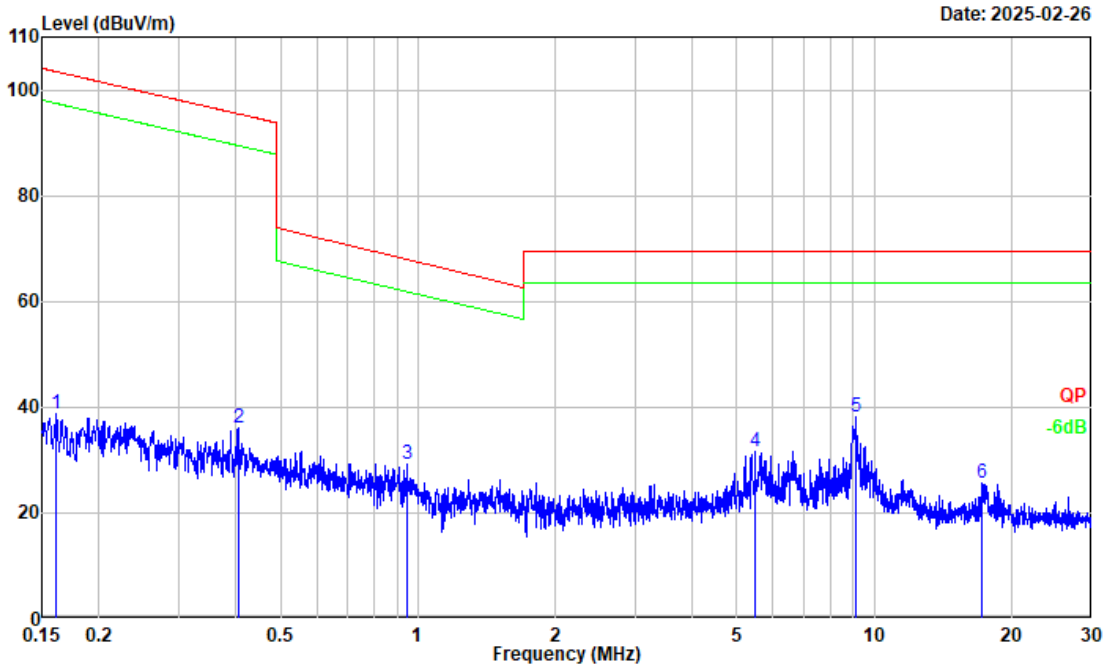
Model: GLH-1108AY



Project No. : 2405A45676E-RF
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 22.5℃/47%R.H./101.5kPa
Tested by : Bard Huang
Polarization : PARALLEL
Remark : 802.11g high channel (chain 0+chain 1)

--No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Over Limit (dB)	Detector
1	0.010	9.83	37.57	47.40	127.99	-80.59	Peak
2	0.016	10.80	33.55	44.35	123.64	-79.29	Peak
3	0.027	12.66	26.37	39.03	118.95	-79.92	Peak
4	0.063	13.27	18.62	31.89	111.61	-79.72	Peak
5	0.066	13.15	18.21	31.36	111.22	-79.86	Peak
6	0.100	12.18	14.99	27.17	107.60	-80.43	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: RBW/VBW: 200Hz/1kHz, DET: PK



Project No. : 2405A45676E-RF
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 22.5℃/47%R.H./101.5kPa
Tested by : Bard Huang
Polarization : PARALLEL
Remark : 802.11g high channel (chain 0+chain 1)

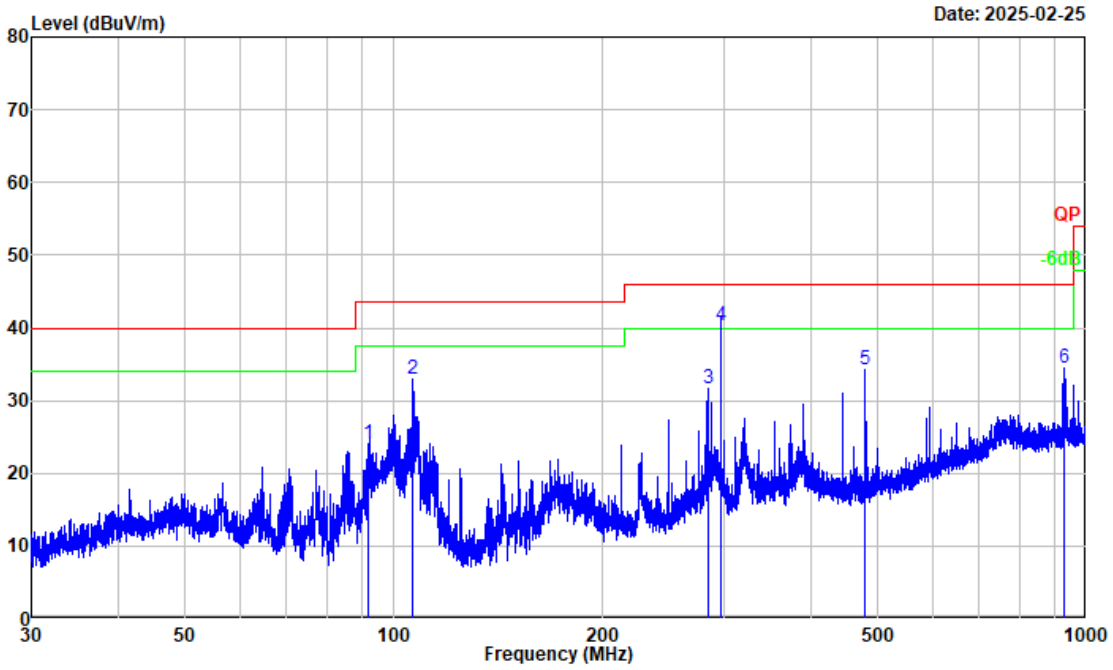
--No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Over Limit (dB)	Detector
1	0.161	25.42	13.25	38.67	103.45	-64.78	Peak
2	0.403	28.69	7.40	36.09	95.49	-59.40	Peak
3	0.945	28.26	0.97	29.23	67.97	-38.74	Peak
4	5.483	35.66	-4.02	31.64	69.54	-37.90	Peak
5	9.104	41.80	-3.65	38.15	69.54	-31.39	Peak
6	17.196	29.03	-3.28	25.75	69.54	-43.79	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: RBW/VBW: 9kHz/30kHz, DET: PK

30MHz-1GHz:

Test Date:	2025-02-25	Test By:	Bard Huang
Environment condition:	Temperature: 22.2°C; Relative Humidity:46%; ATM Pressure: 101.8kPa		

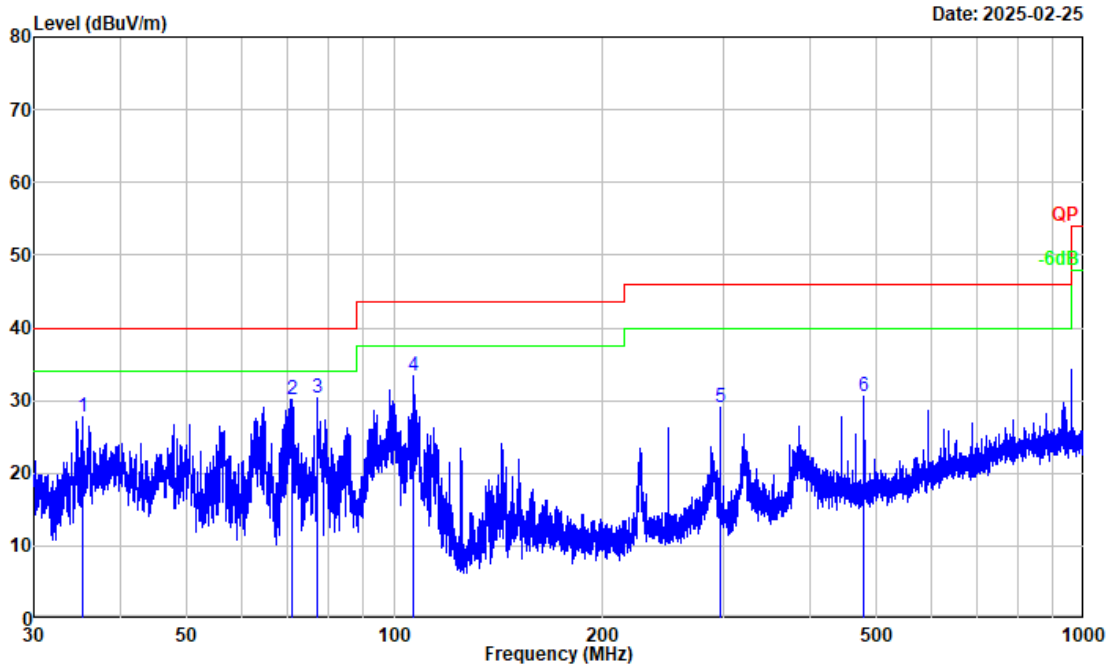
Model: GLH-1108AQ



Project No. : 2405A45676E-RF
Test Mode : Transmtting
Test Voltage : AC 120V/60Hz
Environment : 22.2℃/46%R.H./101.8kPa
Tested by : Bard Huang
Polarization : horizontal
Remark : 802.11n20 Low channel (chain 0+chain 1)

--No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Over Limit (dB)	Detector
1	91.816	39.21	-15.22	23.99	43.50	-19.51	Peak
2	106.712	46.75	-13.88	32.87	43.50	-10.63	Peak
3	284.104	43.29	-11.63	31.66	46.00	-14.34	Peak
4	296.964	51.70	-11.35	40.35	46.00	-5.65	QP
5	480.107	42.04	-7.79	34.25	46.00	-11.75	Peak
6	931.455	35.71	-1.24	34.47	46.00	-11.53	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Pre-scan: RBW/VBW: 100kHz/300kHz, DET: PK
Final measure: RBW: 120kHz, DET: QP

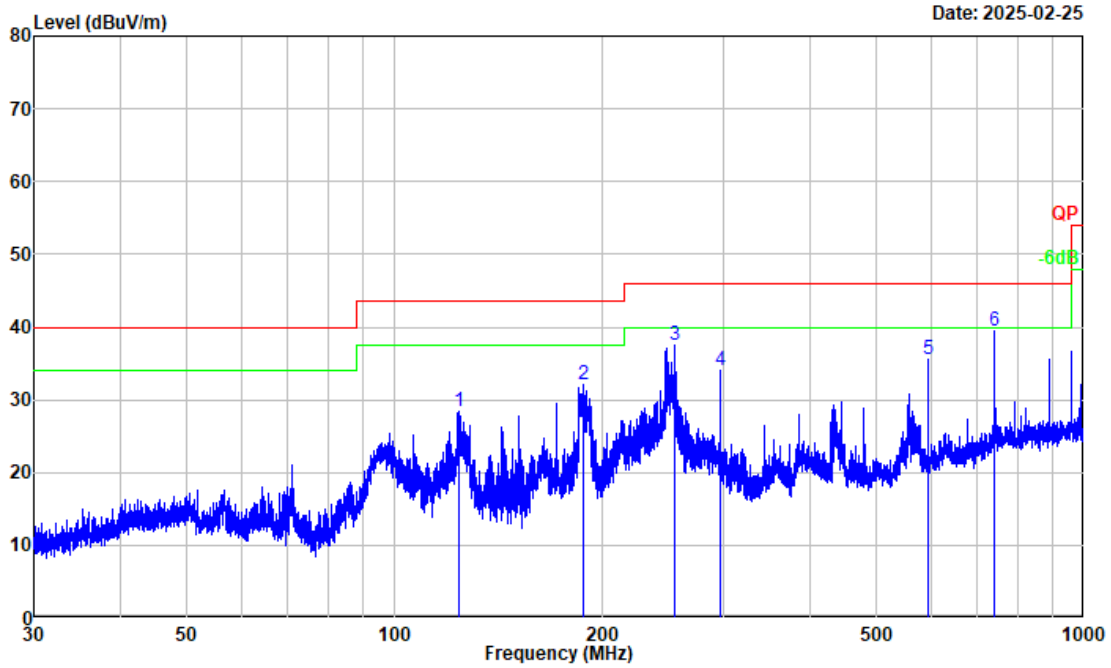


Project No. : 2405A45676E-RF
Test Mode : Transmtting
Test Voltage : AC 120V/60Hz
Environment : 22.2℃/46%R.H./101.8kPa
Tested by : Bard Huang
Polarization : vertical
Remark : 802.11n20 Low channel (chain 0+chain 1)

--No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Over Limit (dB)	Detector
1	35.313	42.34	-14.57	27.77	40.00	-12.23	Peak
2	71.143	46.94	-16.72	30.22	40.00	-9.78	Peak
3	77.220	48.51	-18.11	30.40	40.00	-9.60	Peak
4	106.665	47.23	-13.88	33.35	43.50	-10.15	Peak
5	297.094	40.48	-11.35	29.13	46.00	-16.87	Peak
6	480.107	38.44	-7.79	30.65	46.00	-15.35	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Pre-scan: RBW/VBW: 100kHz/300kHz, DET: PK
Final measure: RBW: 120kHz, DET: QP

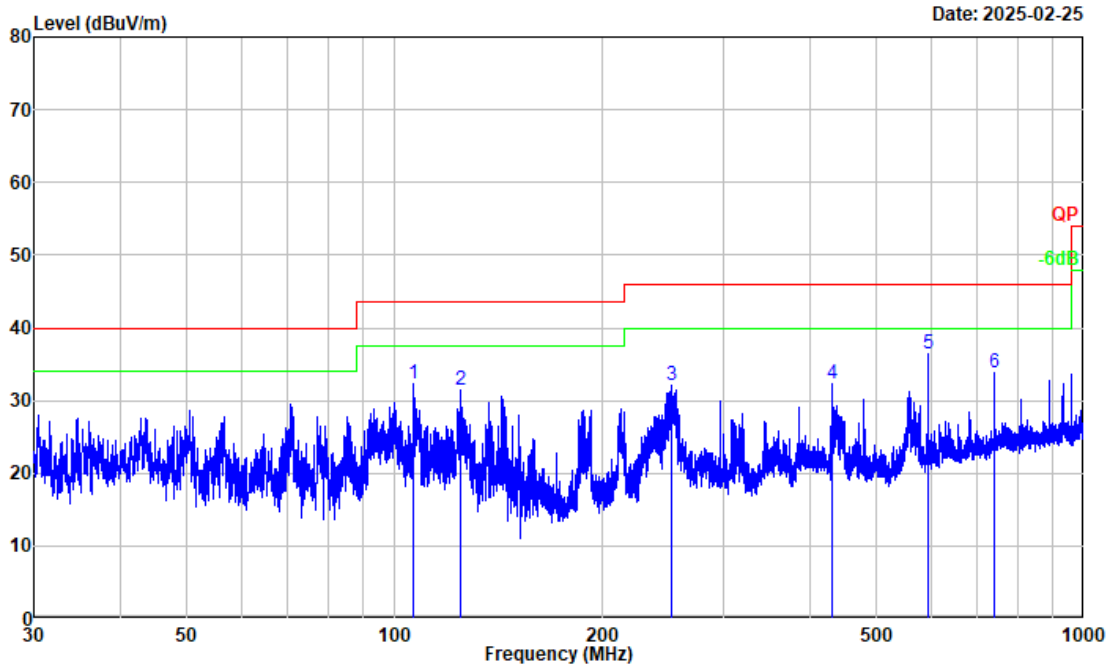
Model: GLH-1108AN



Project No. : 2405A45676E-RF
Test Mode : Transmtting
Test Voltage : AC 120V/60Hz
Environment : 22.2℃/46%R.H./101.8kPa
Tested by : Bard Huang
Polarization : horizontal
Remark : 802.11g high channel (chain 0+chain 1)

--No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Over Limit (dB)	Detector
1	123.970	44.82	-16.50	28.32	43.50	-15.18	Peak
2	187.671	46.81	-14.80	32.01	43.50	-11.49	Peak
3	254.617	49.67	-12.27	37.40	46.00	-8.60	Peak
4	297.094	45.46	-11.35	34.11	46.00	-11.89	Peak
5	594.090	40.83	-5.31	35.52	46.00	-10.48	Peak
6	742.584	42.26	-2.85	39.41	46.00	-6.59	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Pre-scan: RBW/VBW: 100kHz/300kHz, DET: PK
Final measure: RBW: 120kHz, DET: QP

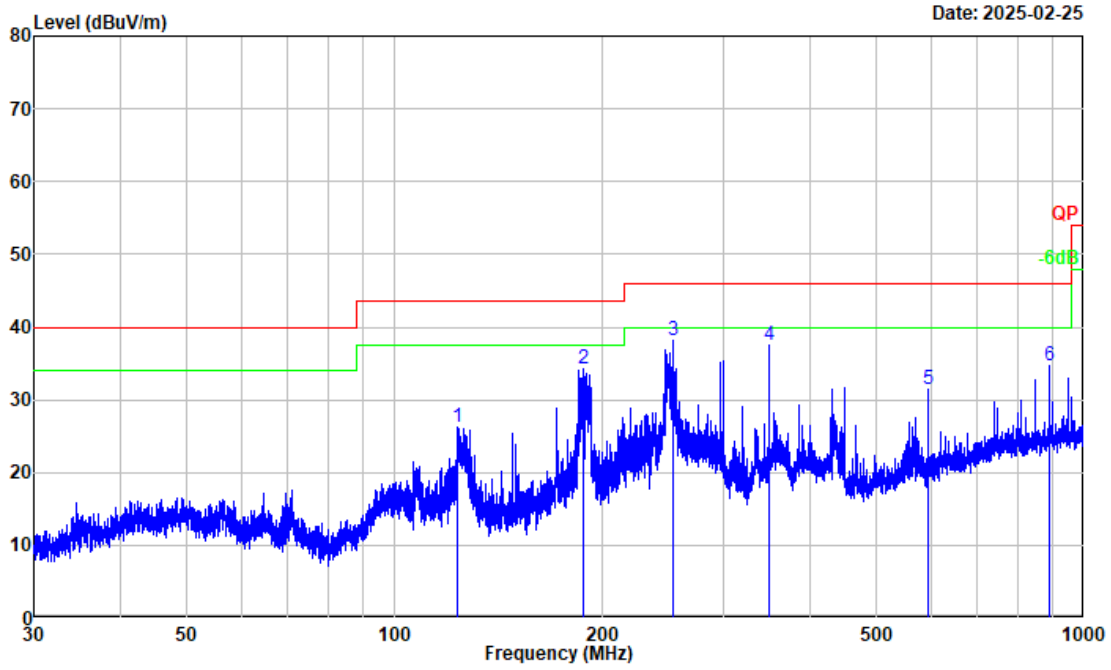


Project No. : 2405A45676E-RF
Test Mode : Transmtting
Test Voltage : AC 120V/60Hz
Environment : 22.2℃/46%R.H./101.8kPa
Tested by : Bard Huang
Polarization : vertical
Remark : 802.11g high channel (chain 0+chain 1)

--No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
1	106.712	46.09	-13.88	32.21	43.50	-11.29	Peak
2	125.007	48.14	-16.70	31.44	43.50	-12.06	Peak
3	252.505	44.37	-12.31	32.06	46.00	-13.94	Peak
4	432.167	40.49	-8.28	32.21	46.00	-13.79	Peak
5	594.090	41.66	-5.31	36.35	46.00	-9.65	Peak
6	742.584	36.71	-2.85	33.86	46.00	-12.14	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Pre-scan: RBW/VBW: 100kHz/300kHz, DET: PK
Final measure: RBW: 120kHz, DET: QP

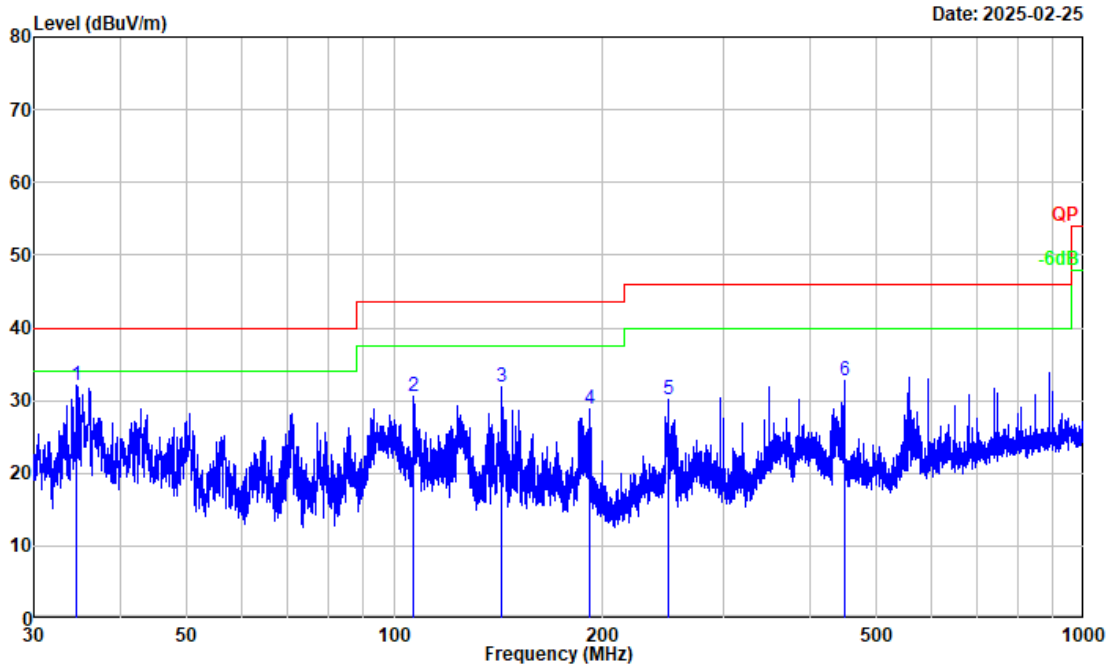
Model: GLH-1108HR



Project No. : 2405A45676E-RF
Test Mode : Transmtting
Test Voltage : AC 120V/60Hz
Environment : 22.2℃/46%R.H./101.8kPa
Tested by : Bard Huang
Polarization : horizontal
Remark : 802.11g high channel (chain 0+chain 1)

--No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Over Limit (dB)	Detector
1	123.536	42.67	-16.43	26.24	43.50	-17.26	Peak
2	188.247	49.06	-14.75	34.31	43.50	-9.19	Peak
3	253.170	50.35	-12.30	38.05	46.00	-7.95	Peak
4	350.016	47.13	-9.60	37.53	46.00	-8.47	Peak
5	594.090	36.65	-5.31	31.34	46.00	-14.66	Peak
6	891.118	36.25	-1.54	34.71	46.00	-11.29	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Pre-scan: RBW/VBW: 100kHz/300kHz, DET: PK
Final measure: RBW: 120kHz, DET: QP

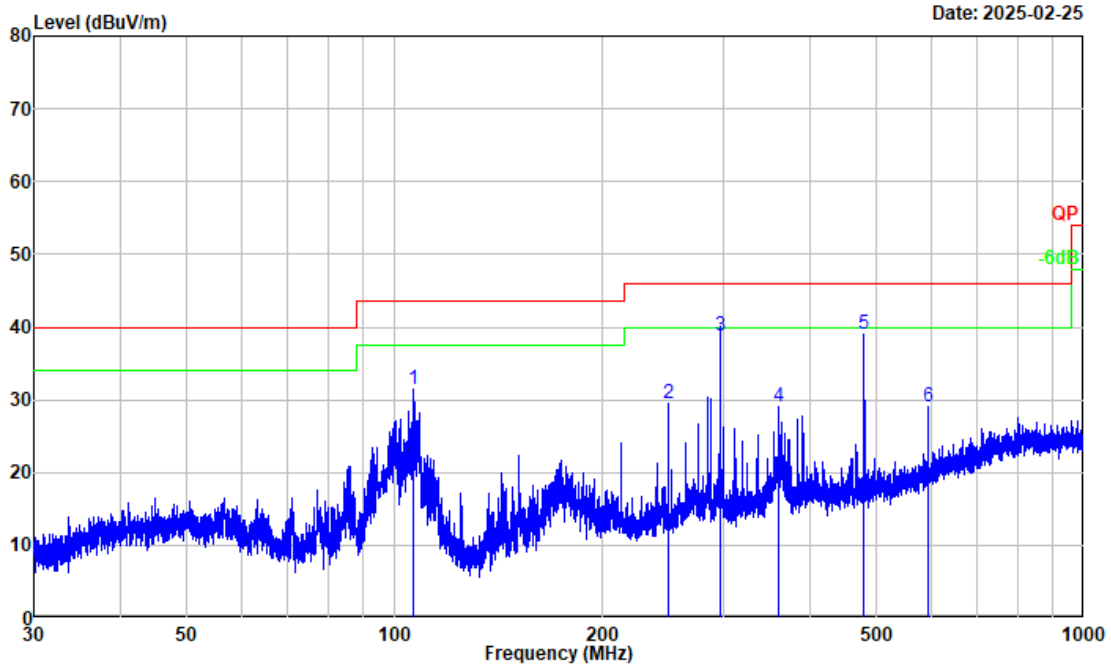


Project No. : 2405A45676E-RF
Test Mode : Transmtting
Test Voltage : AC 120V/60Hz
Environment : 22.2℃/46%R.H./101.8kPa
Tested by : Bard Huang
Polarization : vertical
Remark : 802.11g high channel (chain 0+chain 1)

--No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Over Limit (dB)	Detector
1	34.654	46.94	-14.76	32.18	40.00	-7.82	Peak
2	106.759	44.42	-13.89	30.53	43.50	-12.97	Peak
3	143.263	49.24	-17.47	31.77	43.50	-11.73	Peak
4	192.166	43.09	-14.33	28.76	43.50	-14.74	Peak
5	250.082	42.44	-12.37	30.07	46.00	-15.93	Peak
6	450.147	40.96	-8.27	32.69	46.00	-13.31	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Pre-scan: RBW/VBW: 100kHz/300kHz, DET: PK
Final measure: RBW: 120kHz, DET: QP

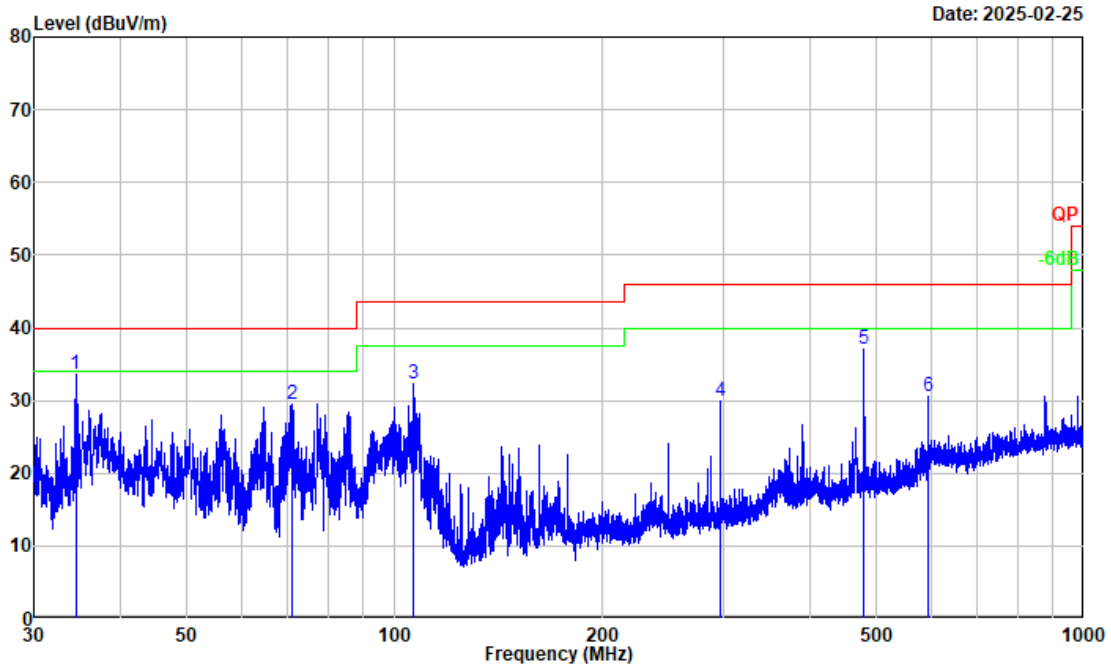
Model: GLH-1108AY



Project No. : 2405A45676E-RF
Test Mode : Transmtting
Test Voltage : AC 120V/60Hz
Environment : 22.2℃/46%R.H./101.8kPa
Tested by : Bard Huang
Polarization : horizontal
Remark : 802.11g high channel (chain 0+chain 1)

--No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Over Limit (dB)	Detector
1	106.712	45.40	-13.88	31.52	43.50	-11.98	Peak
2	249.972	41.90	-12.37	29.53	46.00	-16.47	Peak
3	296.964	50.10	-11.35	38.75	46.00	-7.25	QP
4	359.974	38.51	-9.53	28.98	46.00	-17.02	Peak
5	480.107	46.84	-7.79	39.05	46.00	-6.95	Peak
6	594.090	34.30	-5.31	28.99	46.00	-17.01	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Pre-scan: RBW/VBW: 100kHz/300kHz, DET: PK
Final measure: RBW: 120kHz, DET: QP



Project No. : 2405A45676E-RF
Test Mode : Transmtting
Test Voltage : AC 120V/60Hz
Environment : 22.2℃/46%R.H./101.8kPa
Tested by : Bard Huang
Polarization : vertical
Remark : 802.11g high channel (chain 0+chain 1)

--No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Over Limit (dB)	Detector
1	34.487	48.40	-14.81	33.59	40.00	-6.41	Peak
2	71.111	46.16	-16.70	29.46	40.00	-10.54	Peak
3	106.712	46.23	-13.88	32.35	43.50	-11.15	Peak
4	296.964	41.20	-11.35	29.85	46.00	-16.15	Peak
5	480.107	44.84	-7.79	37.05	46.00	-8.95	Peak
6	594.090	35.96	-5.31	30.65	46.00	-15.35	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Pre-scan: RBW/VBW: 100kHz/300kHz, DET: PK
Final measure: RBW: 120kHz, DET: QP

Above 1GHz:

Test Date:	2025-01-22~2025-03-04	Test By:	Bard Huang, Luke Li
Environment condition:	Temperature: 22.8~23.3°C; Relative Humidity:40~74%; ATM Pressure:100.0~101.3kPa		

Model: GLH-1108AQ

Frequency (MHz)	Reading level (dBμV)	Polar	Corrected Factor (dB/m)	Corrected Amplitude (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
802.11b							
Low Channel							
4824.000	47.72	horizontal	-2.29	45.43	74.00	-28.57	Peak
4824.000	48.77	vertical	-2.29	46.48	74.00	-27.52	Peak
Middle Channel							
4874.000	50.57	horizontal	-1.92	48.65	74.00	-25.35	Peak
4874.000	50.48	vertical	-1.92	48.56	74.00	-25.44	Peak
High Channel							
4924.000	50.00	horizontal	-1.70	48.30	74.00	-25.70	Peak
4924.000	50.79	vertical	-1.70	49.09	74.00	-24.91	Peak
802.11g							
Low Channel							
4824.000	48.06	horizontal	-2.29	45.77	74.00	-28.23	Peak
4824.000	48.82	vertical	-2.29	46.53	74.00	-27.47	Peak
Middle Channel							
4874.000	49.37	horizontal	-1.92	47.45	74.00	-26.55	Peak
4874.000	47.53	vertical	-1.92	45.61	74.00	-28.39	Peak
High Channel							
4924.000	49.46	horizontal	-1.70	47.76	74.00	-26.24	Peak
4924.000	48.85	vertical	-1.70	47.15	74.00	-26.85	Peak
802.11n20							
Low Channel							
4824.000	47.05	horizontal	-2.29	44.76	74.00	-29.24	Peak
4824.000	48.61	vertical	-2.29	46.32	74.00	-27.68	Peak
Middle Channel							
4874.000	47.52	horizontal	-1.92	45.60	74.00	-28.40	Peak
4874.000	47.99	vertical	-1.92	46.07	74.00	-27.93	Peak
High Channel							
4924.000	48.15	horizontal	-1.70	46.45	74.00	-27.55	Peak
4924.000	48.55	vertical	-1.70	46.85	74.00	-27.15	Peak

802.11n40							
Low Channel							
4844.000	47.63	horizontal	-2.17	45.46	74.00	-28.54	Peak
4844.000	47.47	vertical	-2.17	45.30	74.00	-28.70	Peak
Middle Channel							
4874.000	47.31	horizontal	-1.92	45.39	74.00	-28.61	Peak
4874.000	46.93	vertical	-1.92	45.01	74.00	-28.99	Peak
High Channel							
4904.000	47.73	horizontal	-1.71	46.02	74.00	-27.98	Peak
4904.000	47.68	vertical	-1.71	45.97	74.00	-28.03	Peak

Remark:

Corrected Amplitude= Reading level + corrected Factor

Corrected Factor = Antenna factor + Cable loss – Amplifier gain

Margin = Corrected Amplitude – Limit

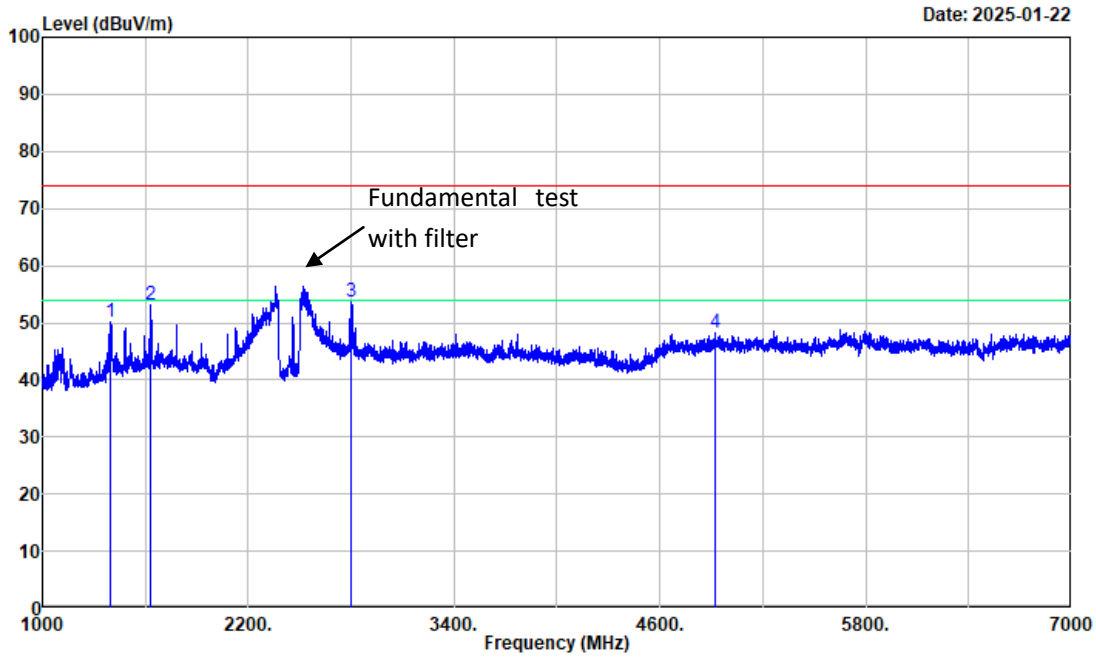
For the test result of Peak below the Peak limit more than 20dB, which can compliance with the average limit, just the Peak level was recorded.

The emission levels of other frequencies that were lower than the limit 20dB not show in test report.

For emissions in 18GHz-25GHz range, all emissions were investigated and in the noise floor level.

Test plot for example as below:

Mode:	802.11b	Channel:	2462MHz

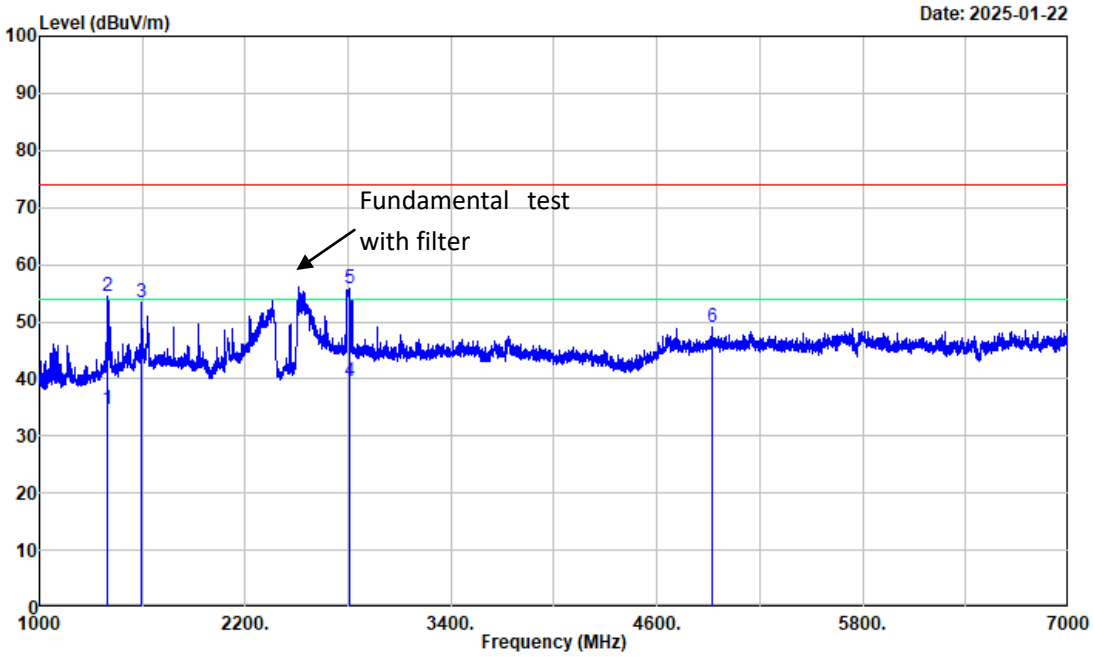


Project No. : 2405A45676E
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 23.3℃/43%R.H./101.0kPa
Tested by : Bard Huang
Polarization : horizontal
Remark : 802.11b 2462

--No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
1	1396.000	55.69	-5.48	50.21	74.00	-23.79	Peak
2	1634.000	57.14	-3.97	53.17	74.00	-20.83	Peak
3	2800.000	55.96	-2.34	53.62	74.00	-20.38	Peak
4	4924.000	50.00	-1.70	48.30	74.00	-25.70	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11b	Channel:	2462MHz

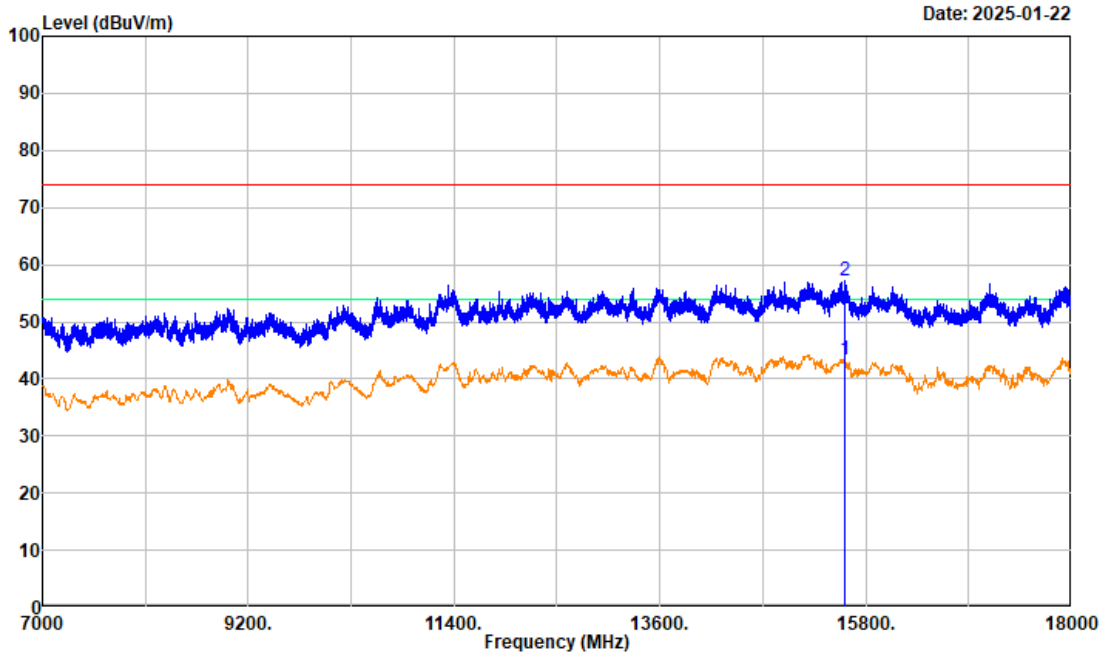


Project No. : 2405A45676E
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 23.3℃/43%R.H./101.0kPa
Tested by : Bard Huang
Polarization : vertical
Remark : 802.11b 2462

--No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
1	1400.000	40.18	-5.44	34.74	54.00	-19.26	Average
2	1400.000	59.98	-5.44	54.54	74.00	-19.46	Peak
3	1596.000	57.50	-4.24	53.26	74.00	-20.74	Peak
4	2805.000	41.98	-2.35	39.63	54.00	-14.37	Average
5	2805.000	58.27	-2.35	55.92	74.00	-18.08	Peak
6	4924.000	50.79	-1.70	49.09	74.00	-24.91	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11b	Channel:	2462MHz

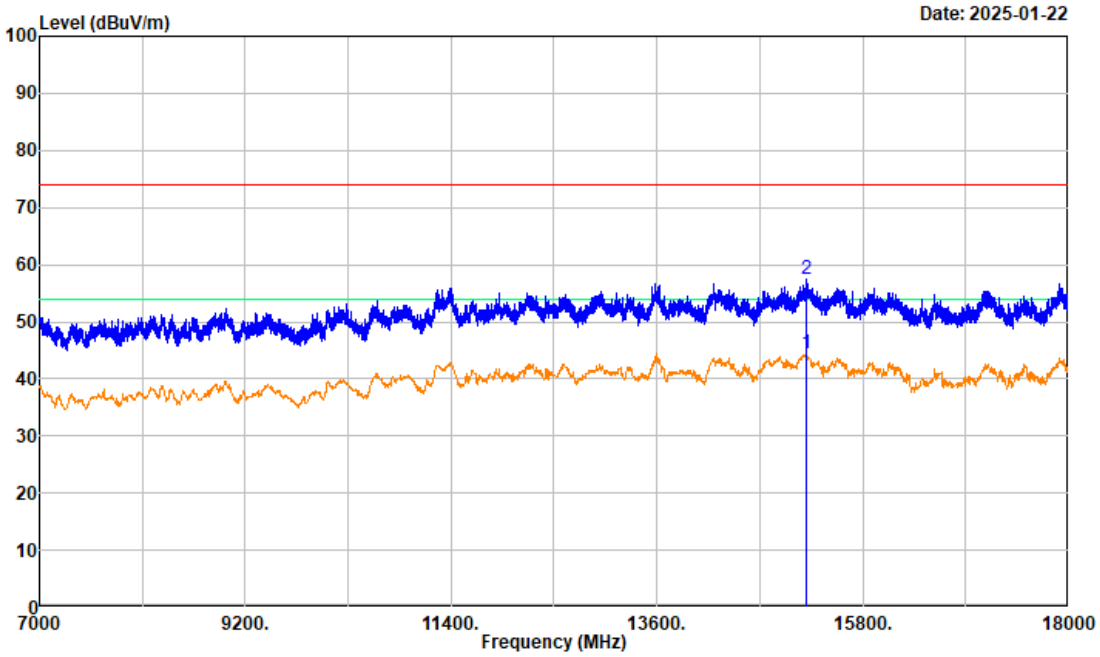


Project No. : 2405A45676E
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 23.3℃/43%R.H./101.0kPa
Tested by : Bard Huang
Polarization : horizontal
Remark : 802.11b 2462

--No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Over Limit (dB)	Detector
1	15577.000	37.34	6.09	43.43	54.00	-10.57	Average
2	15577.000	51.18	6.09	57.27	74.00	-16.73	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11b	Channel:	2462MHz

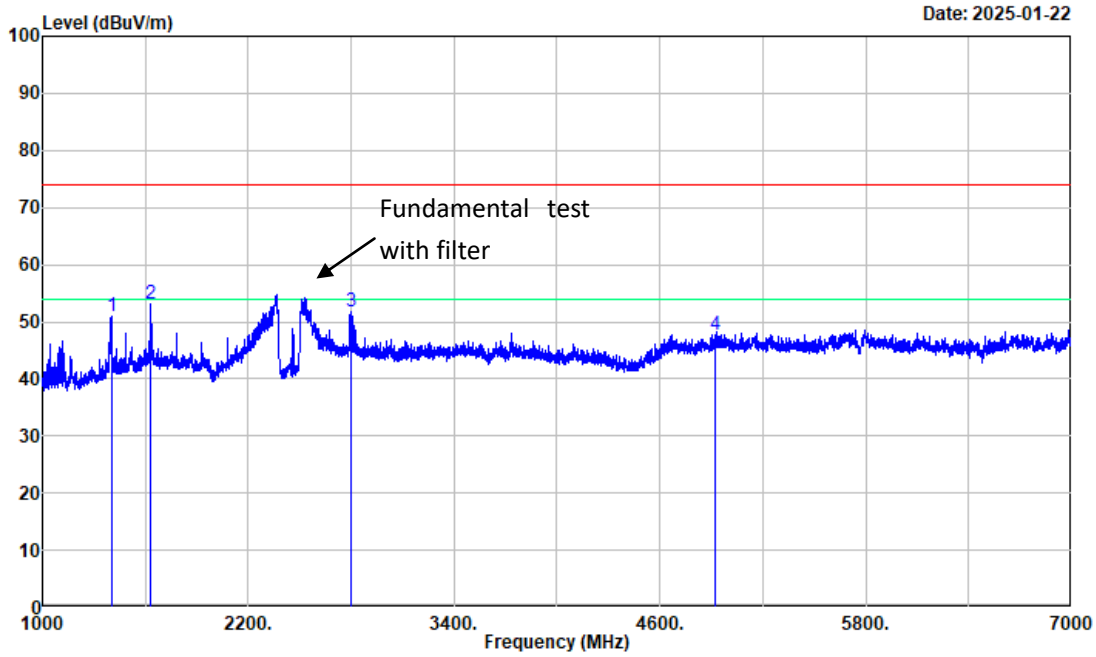


Project No. : 2405A45676E
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 23.3℃/43%R.H./101.0kPa
Tested by : Bard Huang
Polarization : vertical
Remark : 802.11b 2462

--No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
1	15202.000	38.14	6.30	44.44	54.00	-9.56	Average
2	15202.000	51.07	6.30	57.37	74.00	-16.63	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11g	Channel:	2462MHz

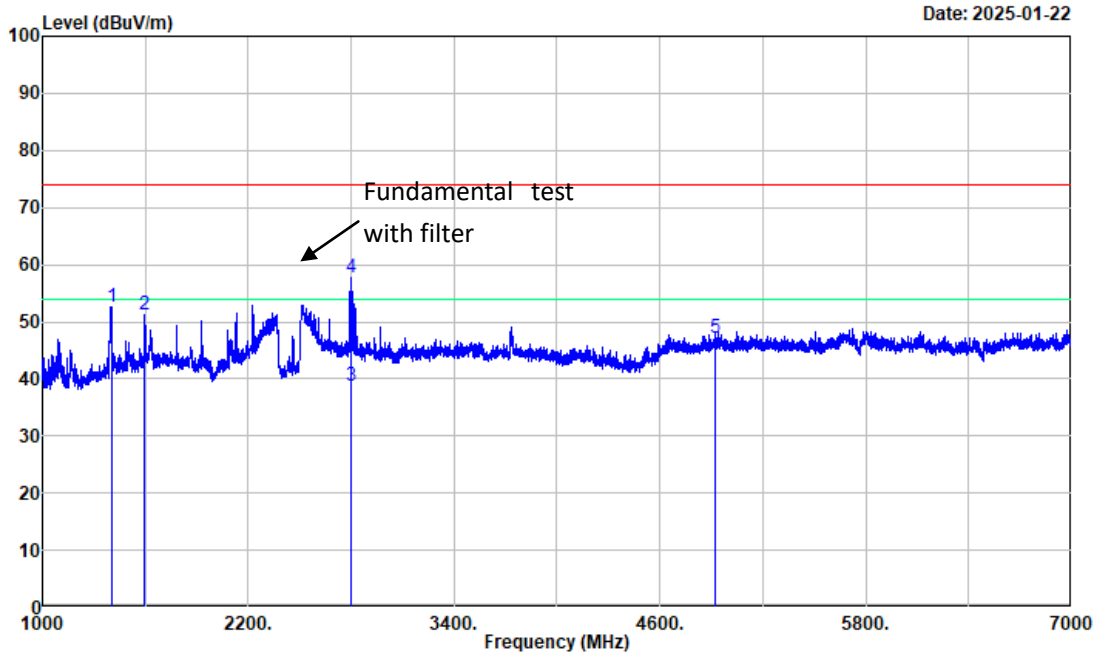


Project No. : 2405A45676E
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 23.3℃/43%R.H./101.0kPa
Tested by : Bard Huang
Polarization : horizontal
Remark : 802.11g 2462

--No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
1	1401.000	56.43	-5.43	51.00	74.00	-23.00	Peak
2	1633.000	57.16	-3.98	53.18	74.00	-20.82	Peak
3	2798.000	54.14	-2.34	51.80	74.00	-22.20	Peak
4	4924.000	49.46	-1.70	47.76	74.00	-26.24	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11g	Channel:	2462MHz

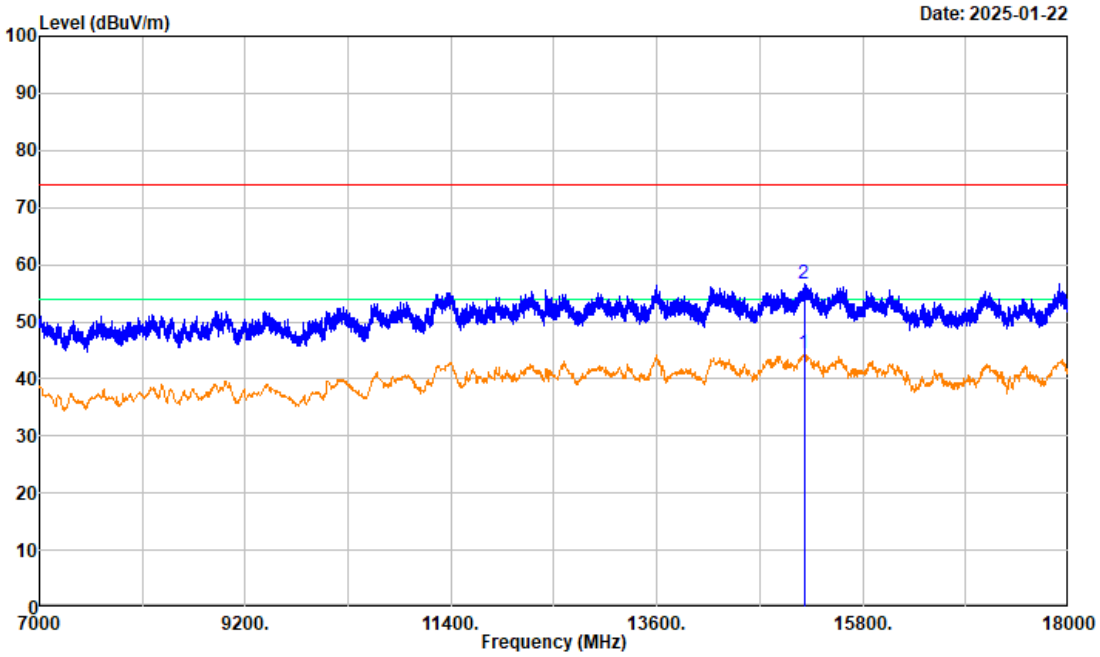


Project No. : 2405A45676E
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 23.3℃/43%R.H./101.0kPa
Tested by : Bard Huang
Polarization : vertical
Remark : 802.11g 2462

--No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Over Limit (dB)	Detector
1	1401.000	57.94	-5.43	52.51	74.00	-21.49	Peak
2	1594.000	55.56	-4.26	51.30	74.00	-22.70	Peak
3	2800.000	40.98	-2.34	38.64	54.00	-15.36	Average
4	2800.000	60.03	-2.34	57.69	74.00	-16.31	Peak
5	4924.000	48.85	-1.70	47.15	74.00	-26.85	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11g	Channel:	2462MHz

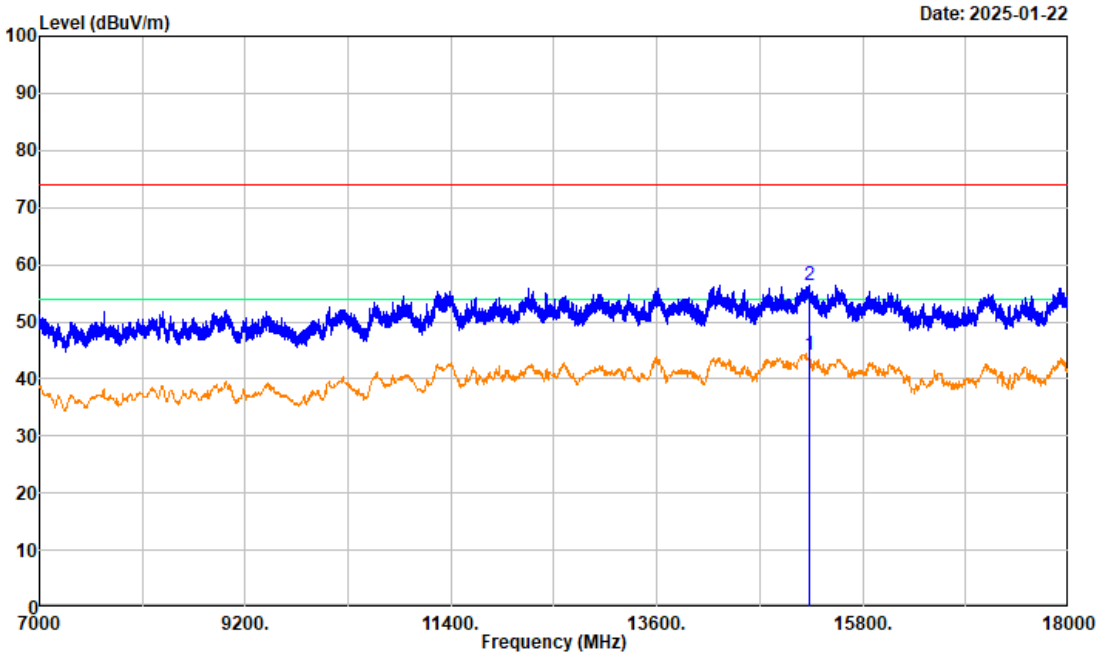


Project No. : 2405A45676E
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 23.3℃/43%R.H./101.0kPa
Tested by : Bard Huang
Polarization : horizontal
Remark : 802.11g 2462

--No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
1	15172.000	38.07	6.26	44.33	54.00	-9.67	Average
2	15172.000	50.47	6.26	56.73	74.00	-17.27	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11g	Channel:	2462MHz

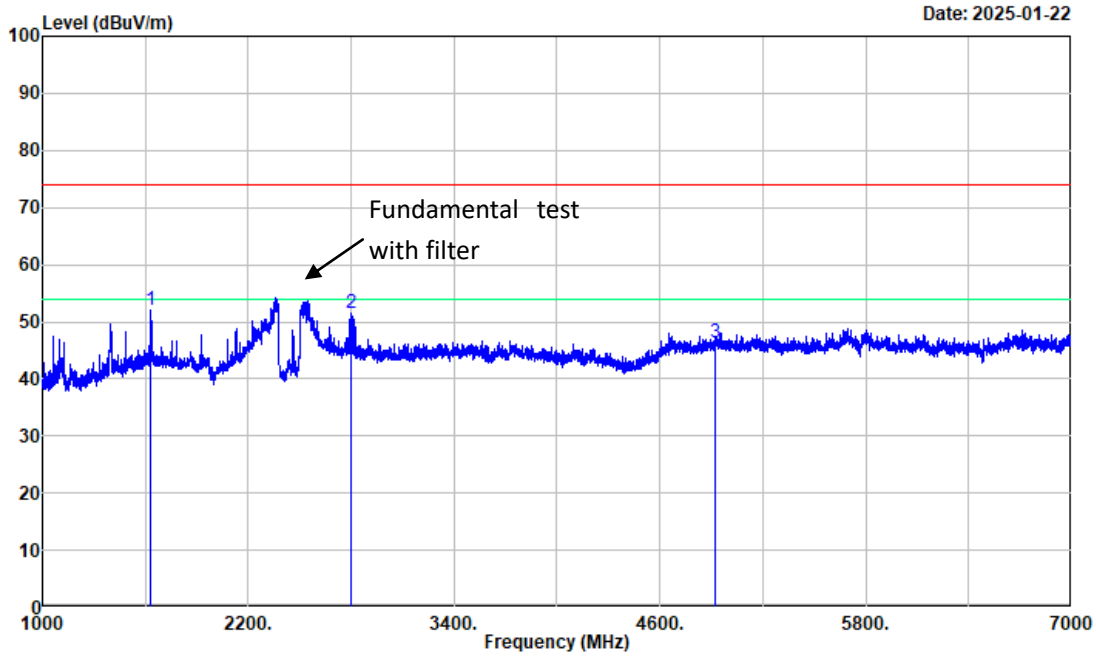


Project No. : 2405A45676E
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 23.3℃/43%R.H./101.0kPa
Tested by : Bard Huang
Polarization : vertical
Remark : 802.11g 2462

--No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Over Limit (dB)	Detector
1	15236.000	37.97	6.25	44.22	54.00	-9.78	Average
2	15236.000	49.99	6.25	56.24	74.00	-17.76	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11n20	Channel:	2462MHz

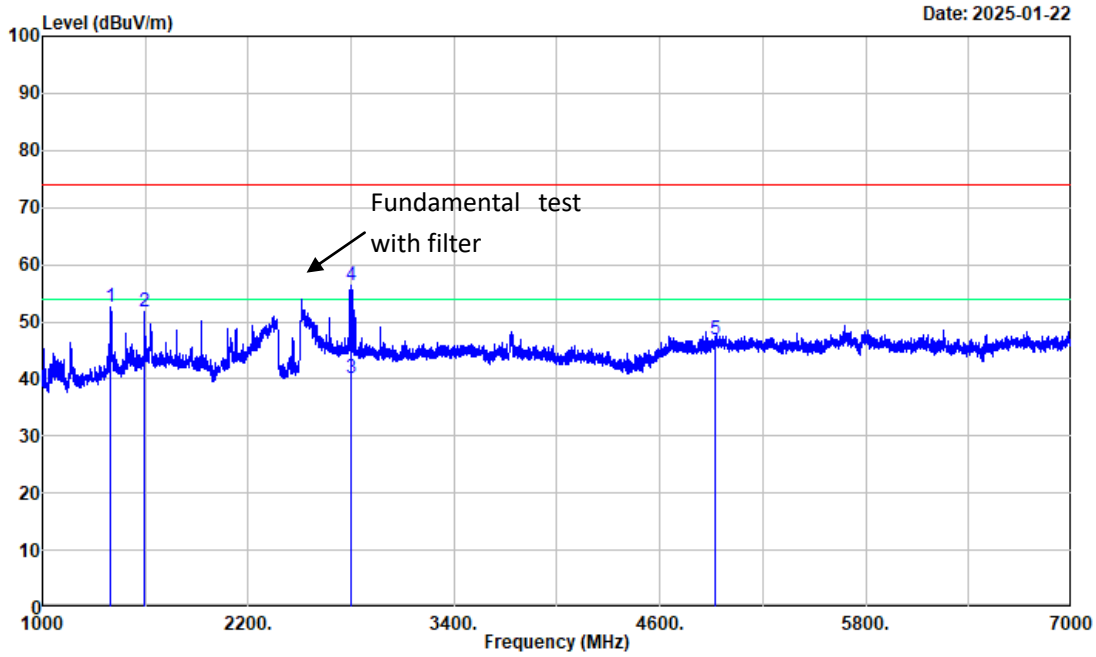


Project No. : 2405A45676E
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 23.3℃/43%R.H./101.0kPa
Tested by : Bard Huang
Polarization : horizontal
Remark : 802.11n20 2462

--No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
1	1634.000	56.01	-3.97	52.04	74.00	-21.96	Peak
2	2800.000	53.82	-2.34	51.48	74.00	-22.52	Peak
3	4924.000	48.15	-1.70	46.45	74.00	-27.55	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11n20	Channel:	2462MHz

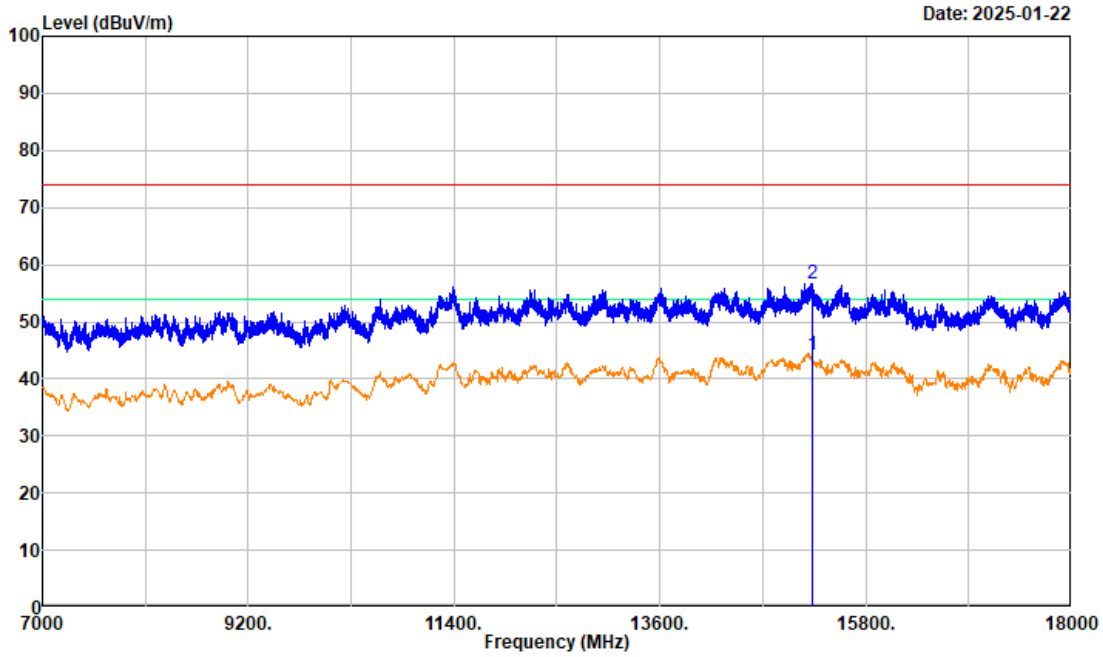


Project No. : 2405A45676E
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 23.3℃/43%R.H./101.0kPa
Tested by : Bard Huang
Polarization : vertical
Remark : 802.11n20 2462

--No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
1	1396.000	57.97	-5.48	52.49	74.00	-21.51	Peak
2	1597.000	55.94	-4.23	51.71	74.00	-22.29	Peak
3	2796.000	42.34	-2.34	40.00	54.00	-14.00	Average
4	2796.000	58.58	-2.34	56.24	74.00	-17.76	Peak
5	4924.000	48.55	-1.70	46.85	74.00	-27.15	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11n20	Channel:	2462MHz

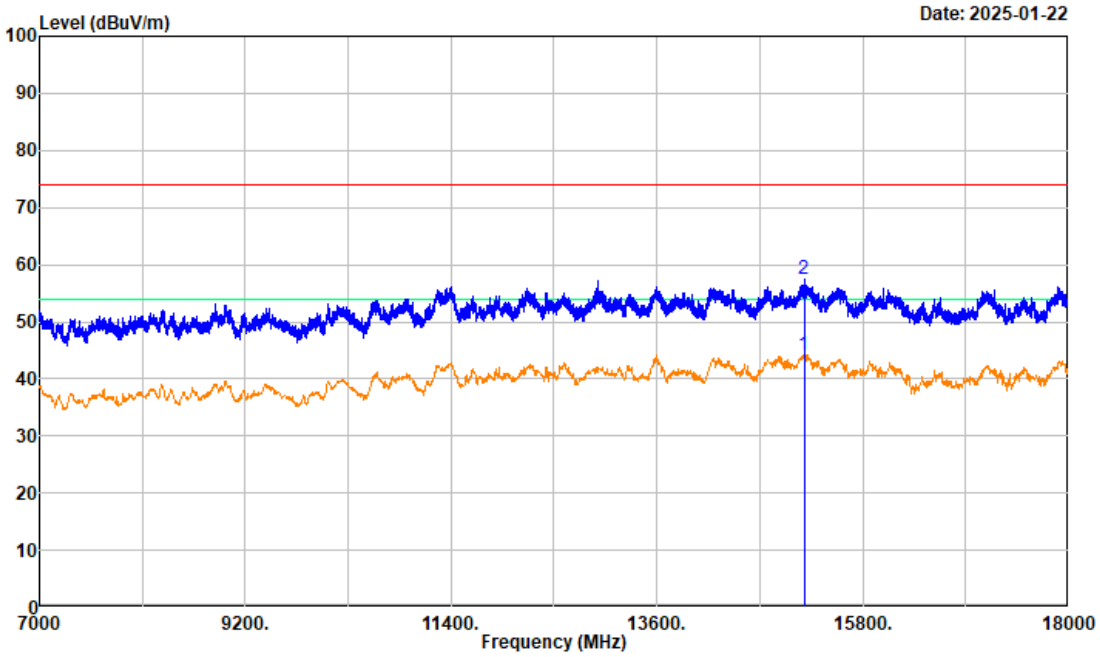


Project No. : 2405A45676E
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 23.3℃/43%R.H./101.0kPa
Tested by : Bard Huang
Polarization : horizontal
Remark : 802.11n20 2462

--No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Over Limit (dB)	Detector
1	15231.000	37.92	6.26	44.18	54.00	-9.82	Average
2	15231.000	50.46	6.26	56.72	74.00	-17.28	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11n20	Channel:	2462MHz

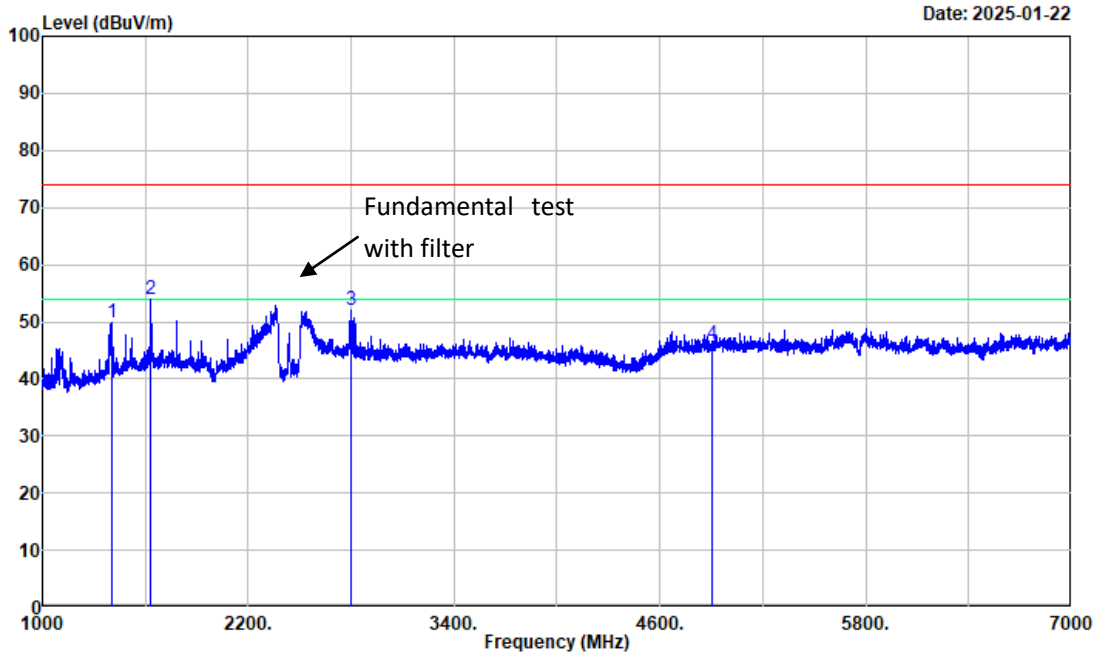


Project No. : 2405A45676E
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 23.3℃/43%R.H./101.0kPa
Tested by : Bard Huang
Polarization : vertical
Remark : 802.11n20 2462

--No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
1	15172.000	37.81	6.26	44.07	54.00	-9.93	Average
2	15172.000	51.12	6.26	57.38	74.00	-16.62	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11n40	Channel:	2452MHz

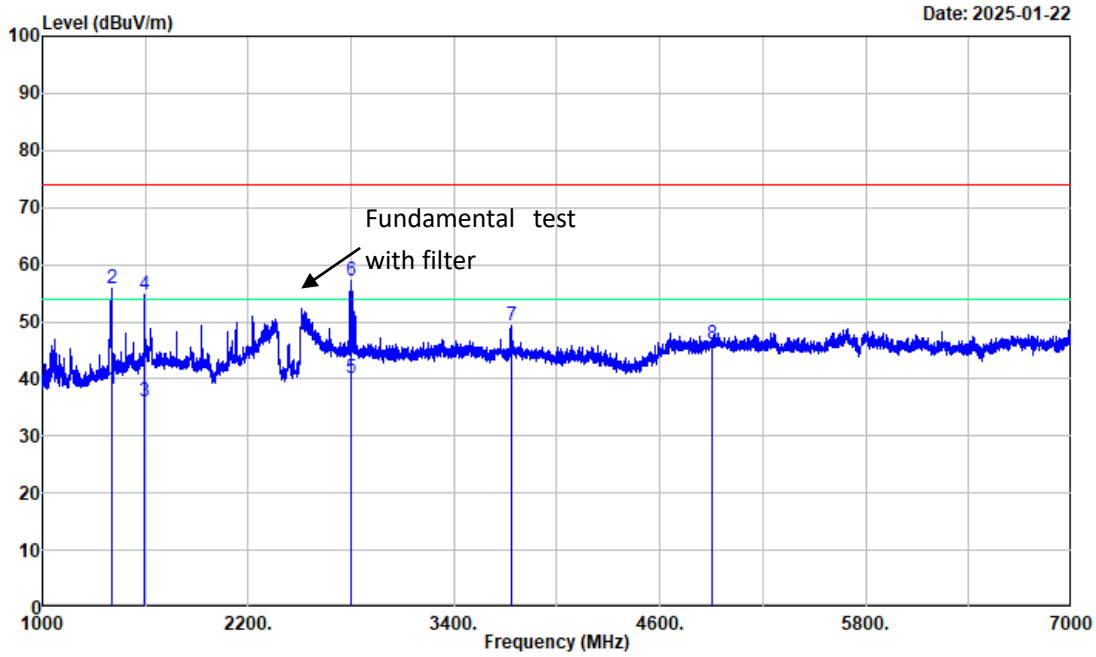


Project No. : 2405A45676E
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 23.3℃/43%R.H./101.0kPa
Tested by : Bard Huang
Polarization : horizontal
Remark : 802.11n40 2452

--No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Over Limit (dB)	Detector
1	1402.000	55.25	-5.43	49.82	74.00	-24.18	Peak
2	1633.000	57.97	-3.98	53.99	74.00	-20.01	Peak
3	2802.000	54.29	-2.34	51.95	74.00	-22.05	Peak
4	4904.000	47.73	-1.71	46.02	74.00	-27.98	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11n40	Channel:	2452MHz

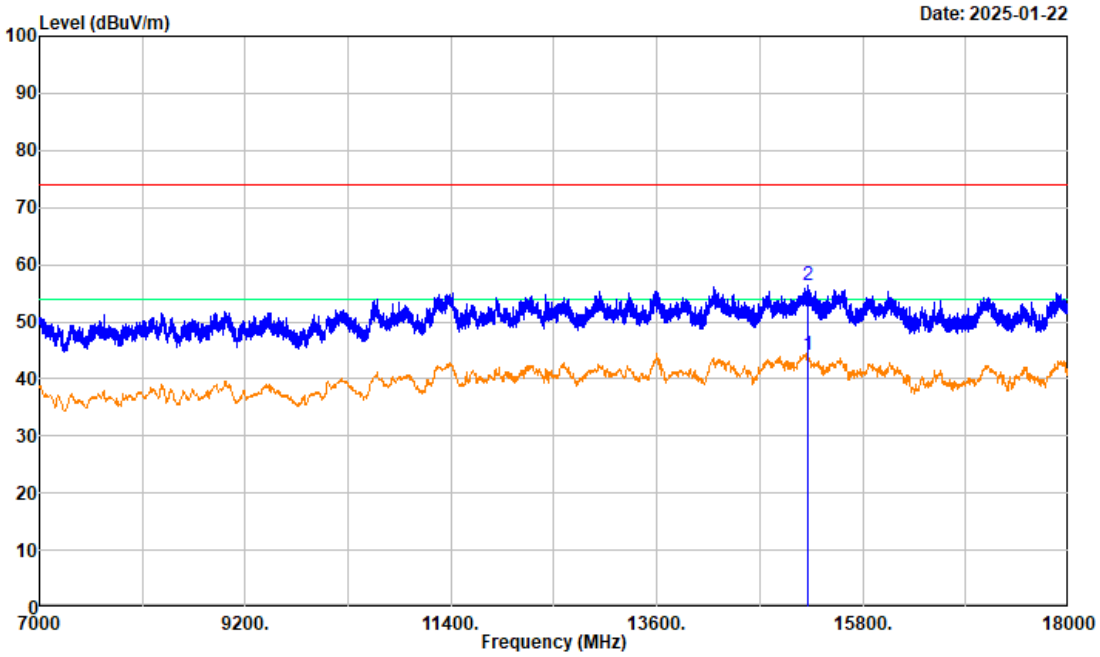


Project No. : 2405A45676E
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 23.3℃/43%R.H./101.0kPa
Tested by : Bard Huang
Polarization : vertical
Remark : 802.11n40 2452

--No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
1	1402.000	43.64	-5.43	38.21	54.00	-15.79	Average
2	1402.000	61.18	-5.43	55.75	74.00	-18.25	Peak
3	1595.000	40.19	-4.25	35.94	54.00	-18.06	Average
4	1595.000	58.89	-4.25	54.64	74.00	-19.36	Peak
5	2801.000	42.38	-2.34	40.04	54.00	-13.96	Average
6	2801.000	59.55	-2.34	57.21	74.00	-16.79	Peak
7	3736.000	51.90	-2.61	49.29	74.00	-24.71	Peak
8	4904.000	47.68	-1.71	45.97	74.00	-28.03	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11n40	Channel:	2452MHz

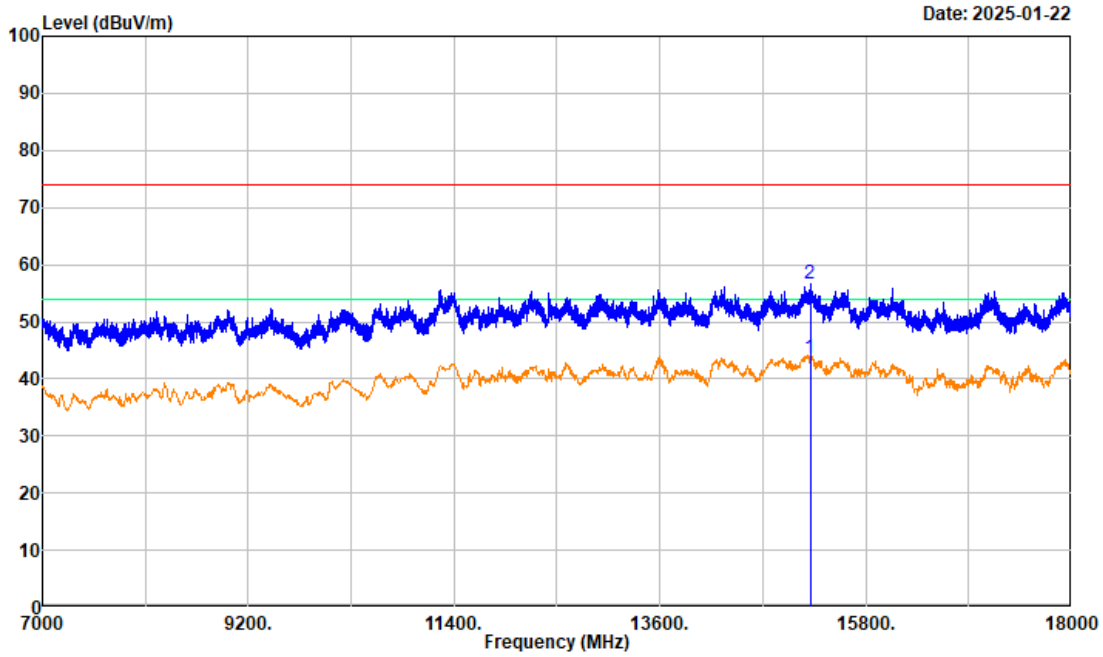


Project No. : 2405A45676E
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 23.3℃/43%R.H./101.0kPa
Tested by : Bard Huang
Polarization : horizontal
Remark : 802.11n40 2452

--No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Over Limit (dB)	Detector
1	15212.000	37.81	6.29	44.10	54.00	-9.90	Average
2	15212.000	50.08	6.29	56.37	74.00	-17.63	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11n40	Channel:	2452MHz

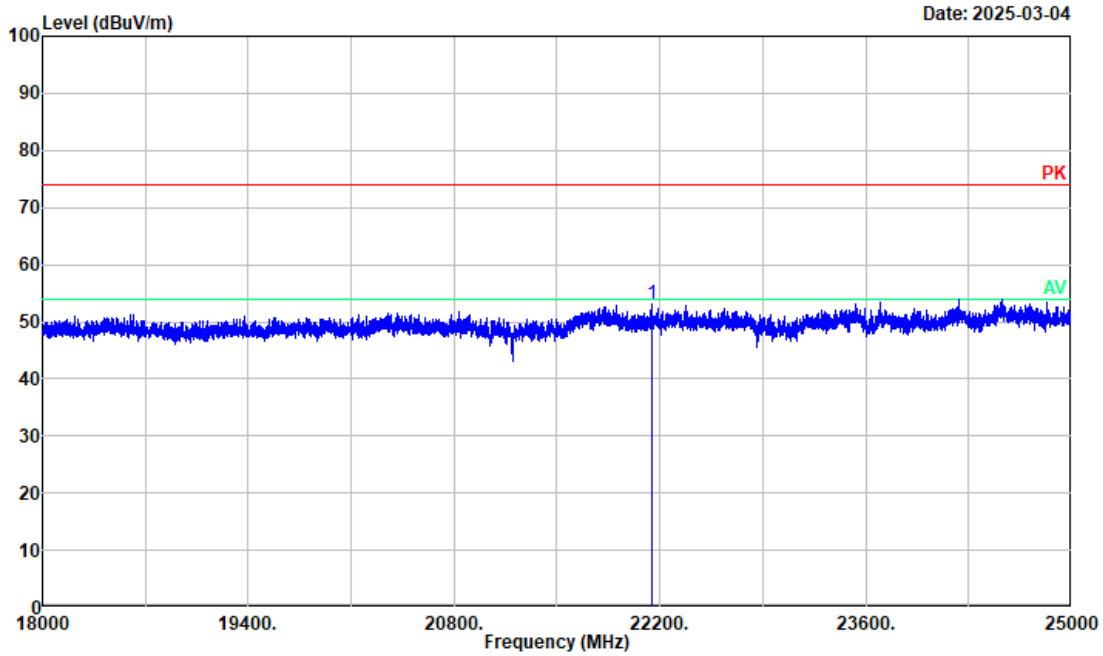


Project No. : 2405A45676E
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 23.3℃/43%R.H./101.0kPa
Tested by : Bard Huang
Polarization : vertical
Remark : 802.11n40 2452

--No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
1	15205.000	37.47	6.29	43.76	54.00	-10.24	Average
2	15205.000	50.34	6.29	56.63	74.00	-17.37	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11n20	Channel:	2412MHz

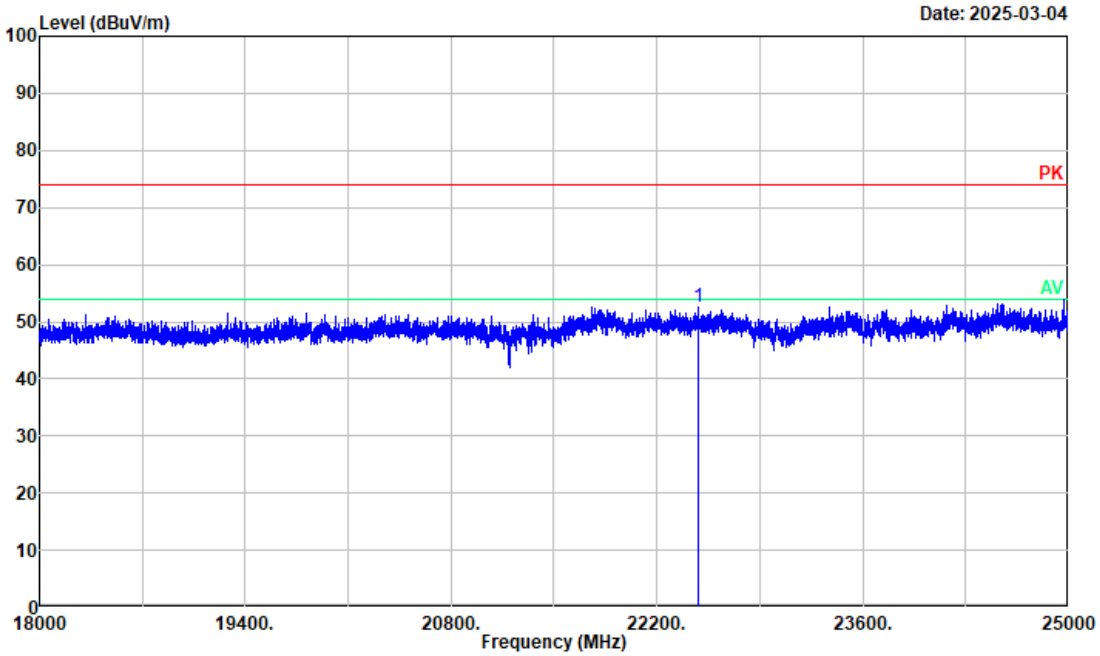


Project No. : 2405A45676E-RF
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 22.8℃/40%R.H./101.0kPa
Tested by : Luke Li
Polarization : horizontal
Remark : 2.4G Wifi

--No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Over Limit (dB)	Detector
1	22145.000	55.99	-2.91	53.08	74.00	-20.92	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain - Distance extrapolate factor
Distance extrapolate factor = 20*log(specified distance/measured distance)
Specified distance = 3 meters, measured distance = 1.5 meters
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11n20	Channel:	2412MHz



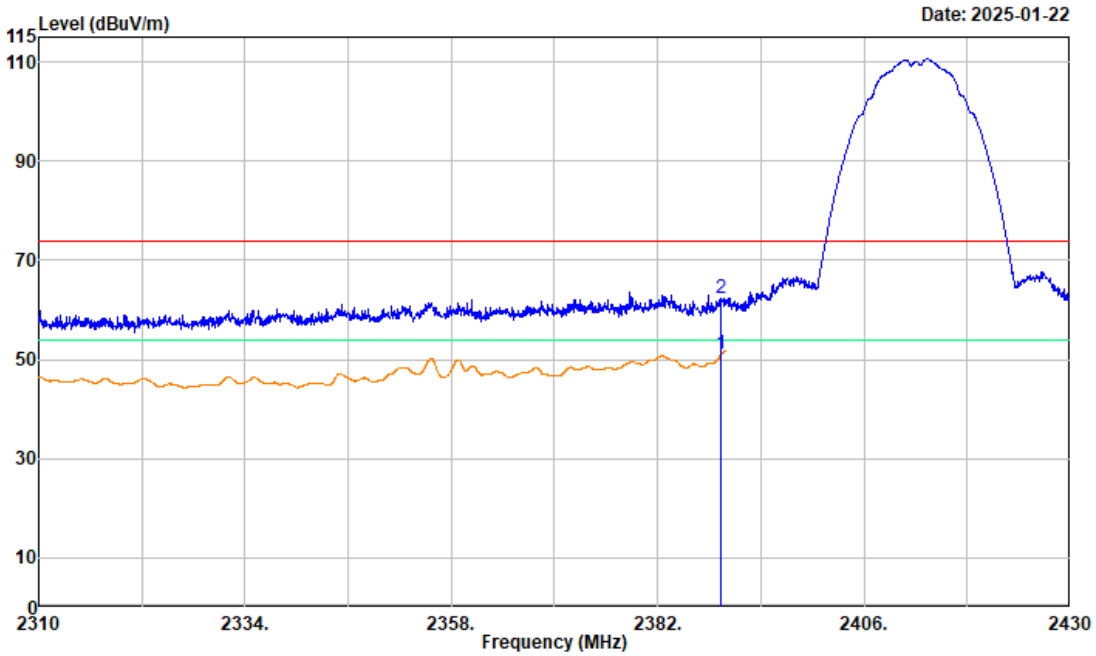
Project No. : 2405A45676E-RF
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 22.8℃/40%R.H./101.0kPa
Tested by : Luke Li
Polarization : vertical
Remark : 2.4G Wifi

--No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Over Limit (dB)	Detector
1	22482.000	55.38	-2.85	52.53	74.00	-21.47	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain - Distance extrapolate factor
Distance extrapolate factor = 20*log(specified distance/measured distance)
Specified distance = 3 meters, measured distance = 1.5 meters
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Radiated Band edge:

Mode:	802.11b	Channel:	2412MHz

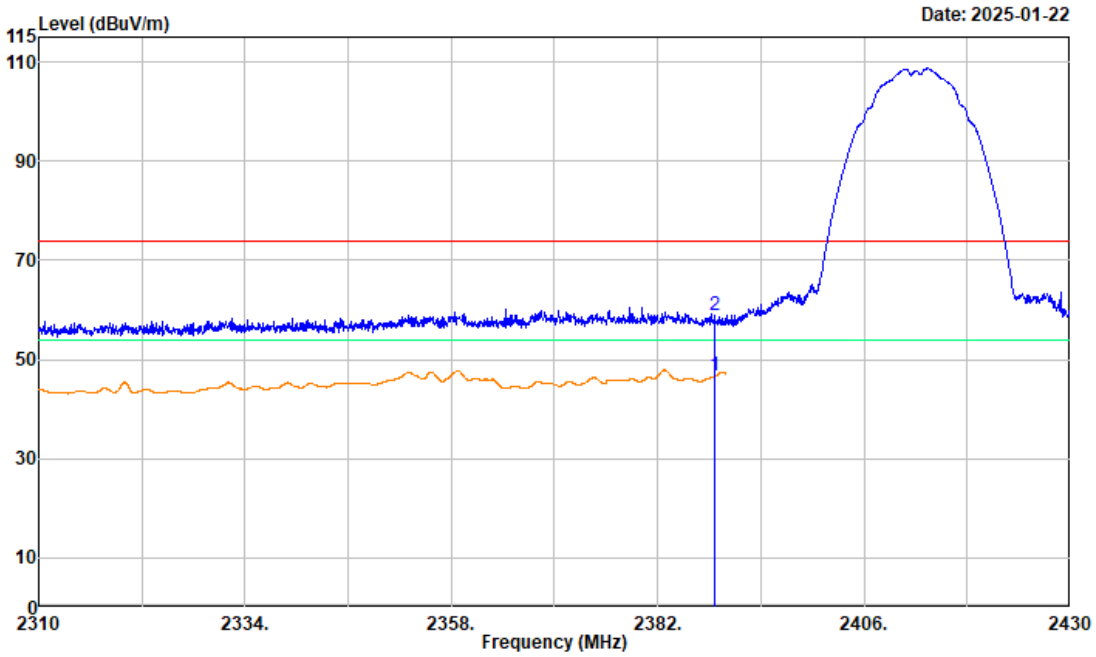


Project No. : 2405A45676E
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 23.3℃/43%R.H./101.0kPa
Tested by : Bard Huang
Polarization : horizontal
Remark : 802.11b 2412

--No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
1	2389.260	44.04	7.00	51.04	54.00	-2.96	Average
2	2389.260	55.36	7.00	62.36	74.00	-11.64	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11b	Channel:	2412MHz

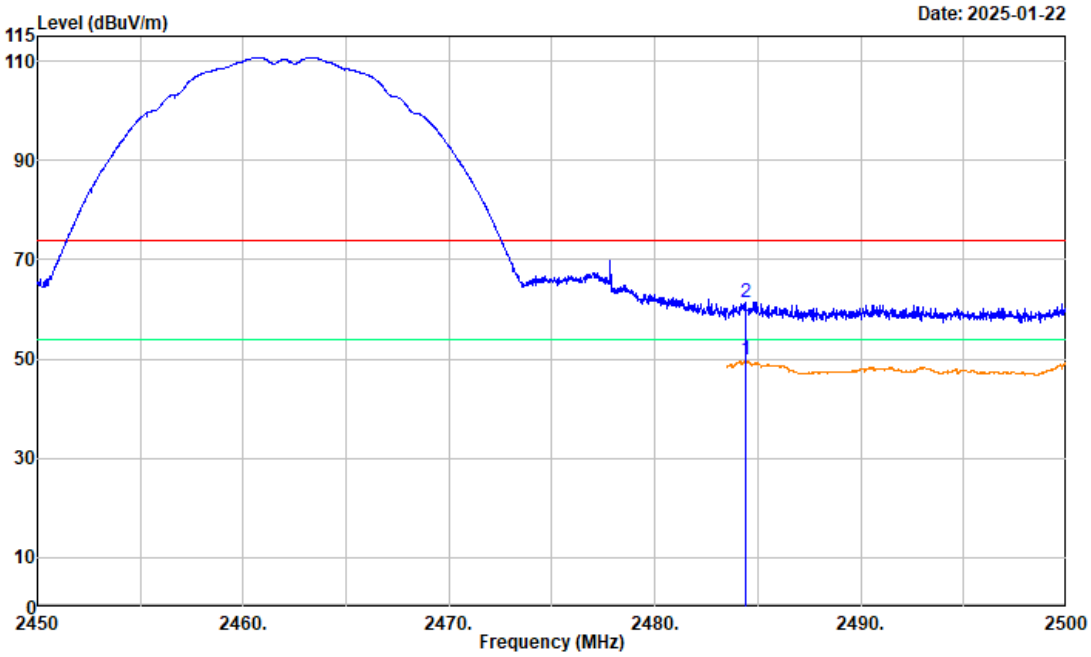


Project No. : 2405A45676E
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 23.3℃/43%R.H./101.0kPa
Tested by : Bard Huang
Polarization : vertical
Remark : 802.11b 2412

--No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Over Limit (dB)	Detector
1	2388.540	39.75	7.00	46.75	54.00	-7.25	Average
2	2388.540	51.77	7.00	58.77	74.00	-15.23	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11b	Channel:	2462MHz

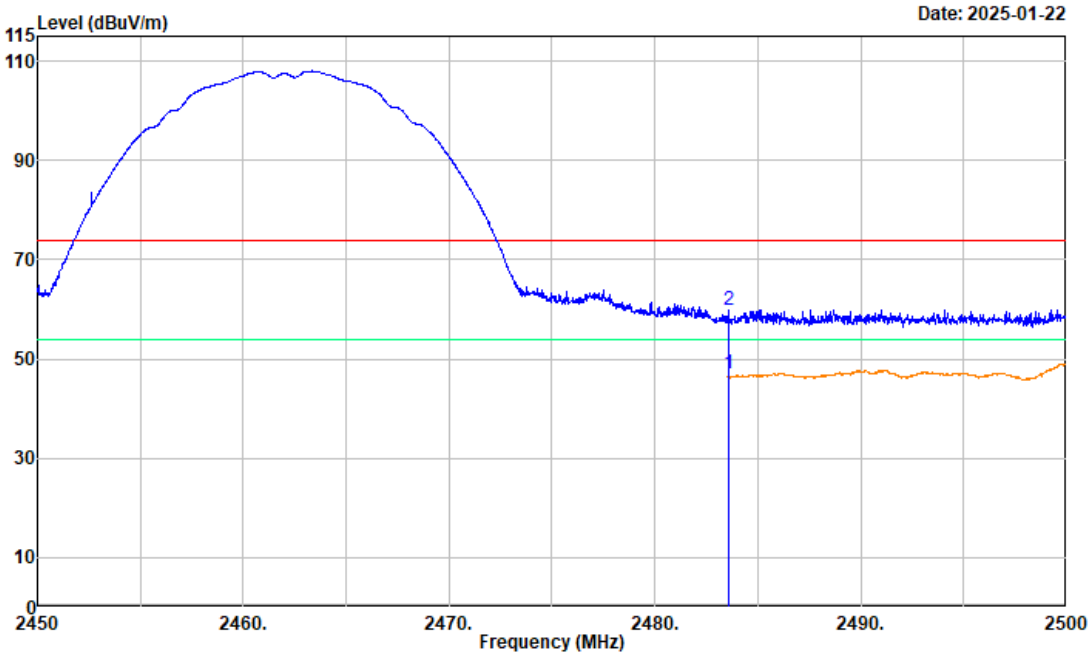


Project No. : 2405A45676E
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 23.3℃/43%R.H./101.0kPa
Tested by : Bard Huang
Polarization : horizontal
Remark : 802.11b 2462

--No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
1	2484.375	42.55	7.20	49.75	54.00	-4.25	Average
2	2484.375	54.19	7.20	61.39	74.00	-12.61	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11b	Channel:	2462MHz

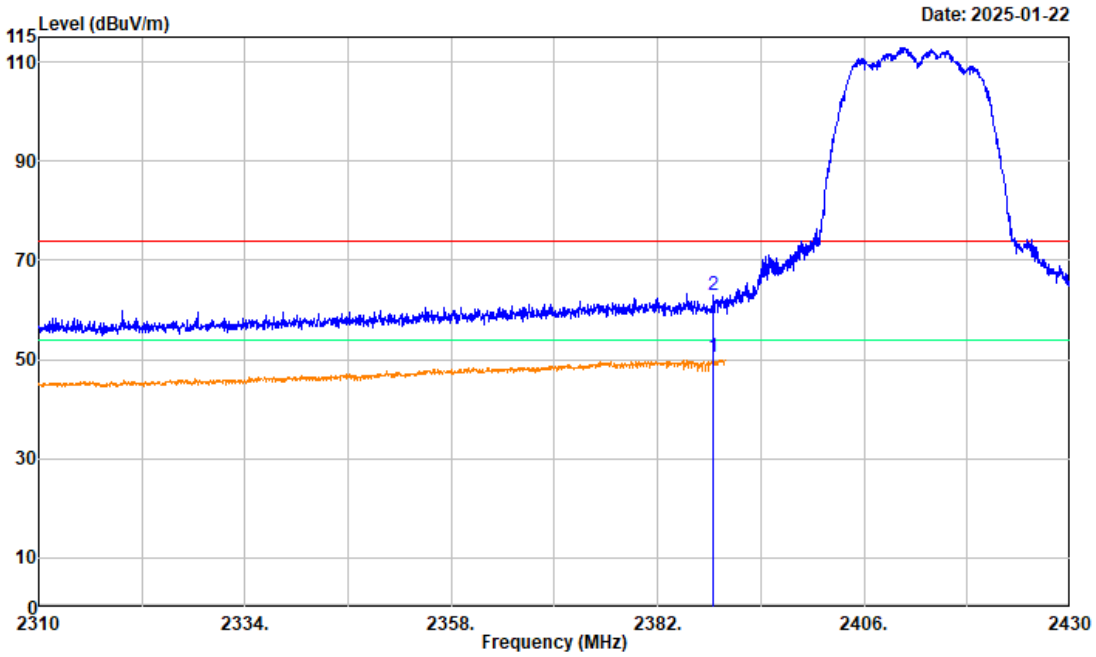


Project No. : 2405A45676E
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 23.3℃/43%R.H./101.0kPa
Tested by : Bard Huang
Polarization : vertical
Remark : 802.11b 2462

--No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
1	2483.550	39.96	7.20	47.16	54.00	-6.84	Average
2	2483.550	52.54	7.20	59.74	74.00	-14.26	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11g	Channel:	2412MHz

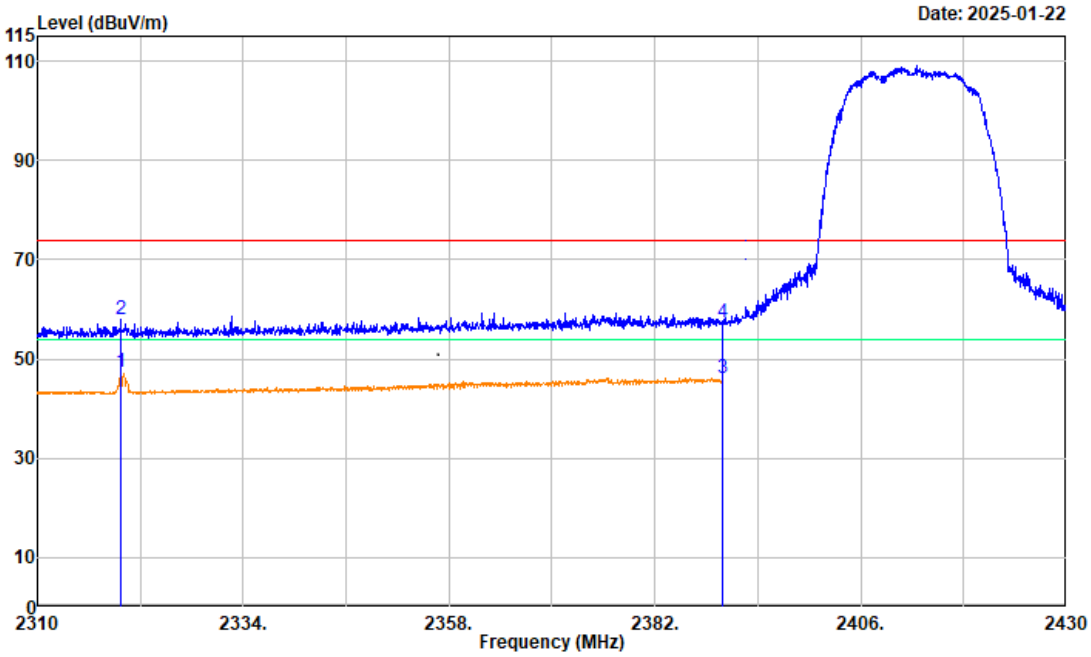


Project No. : 2405A45676E
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 23.3℃/43%R.H./101.0kPa
Tested by : Bard Huang
Polarization : horizontal
Remark : 802.11g 2412

--No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Over Limit (dB)	Detector
1	2388.480	43.35	7.00	50.35	54.00	-3.65	Average
2	2388.480	56.02	7.00	63.02	74.00	-10.98	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11g	Channel:	2412MHz

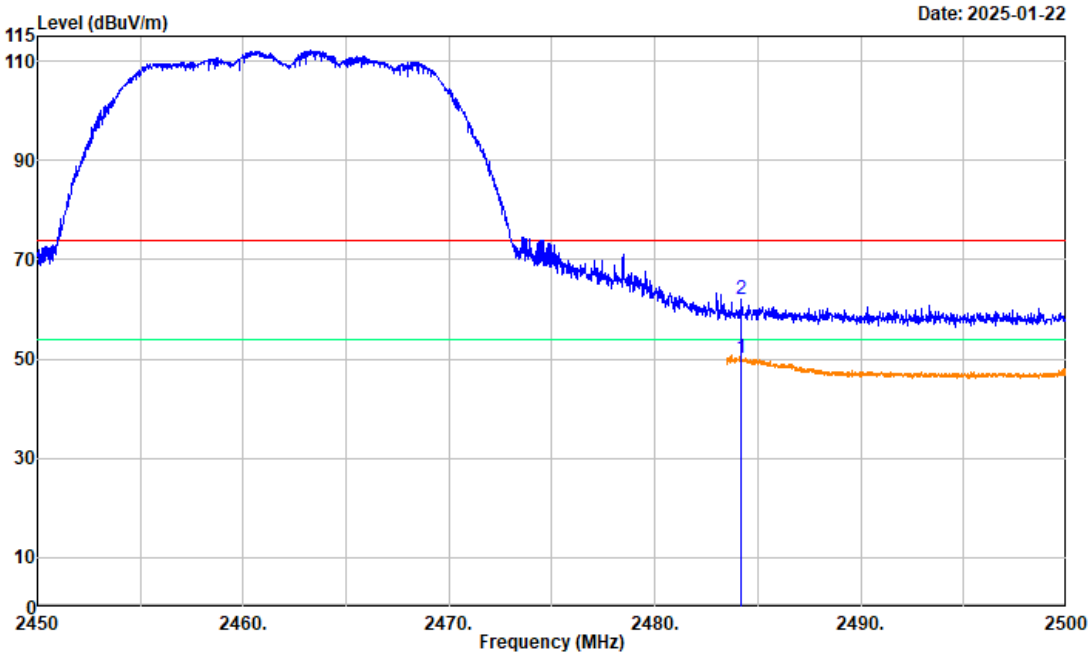


Project No. : 2405A45676E
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 23.3℃/43%R.H./101.0kPa
Tested by : Bard Huang
Polarization : vertical
Remark : 802.11g 2412

--No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Over Limit (dB)	Detector
1	2319.720	40.56	6.86	47.42	54.00	-6.58	Average
2	2319.720	51.22	6.86	58.08	74.00	-15.92	Peak
3	2389.920	39.01	7.00	46.01	54.00	-7.99	Average
4	2389.920	50.32	7.00	57.32	74.00	-16.68	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11g	Channel:	2462MHz

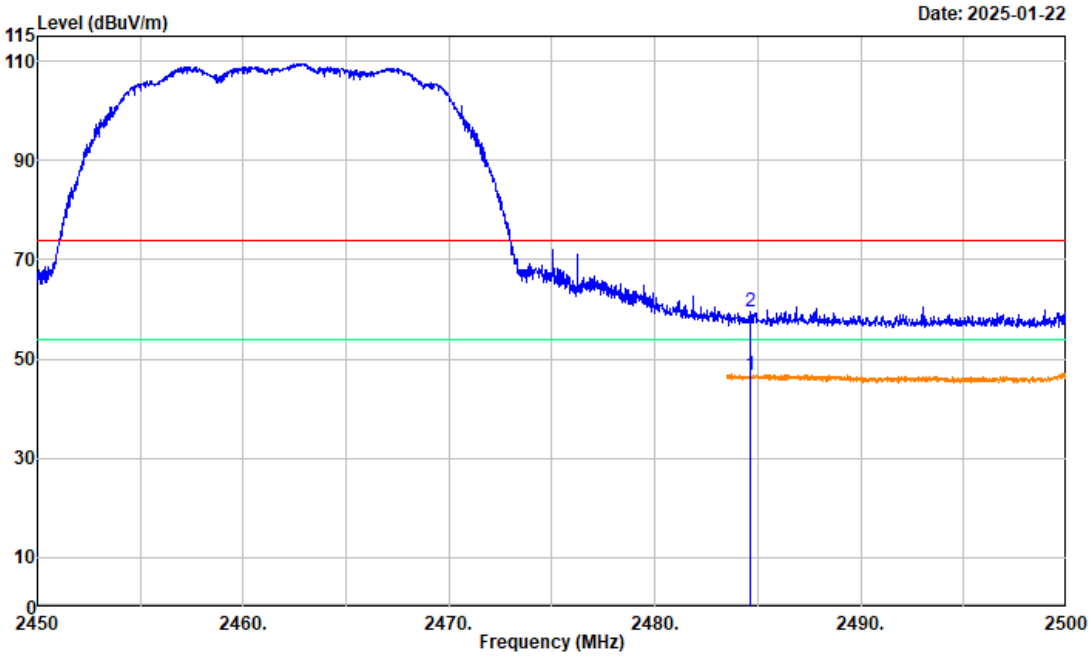


Project No. : 2405A45676E
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 23.3℃/43%R.H./101.0kPa
Tested by : Bard Huang
Polarization : horizontal
Remark : 802.11g 2462

--No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Over Limit (dB)	Detector
1	2484.175	43.06	7.20	50.26	54.00	-3.74	Average
2	2484.175	54.87	7.20	62.07	74.00	-11.93	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11g	Channel:	2462MHz

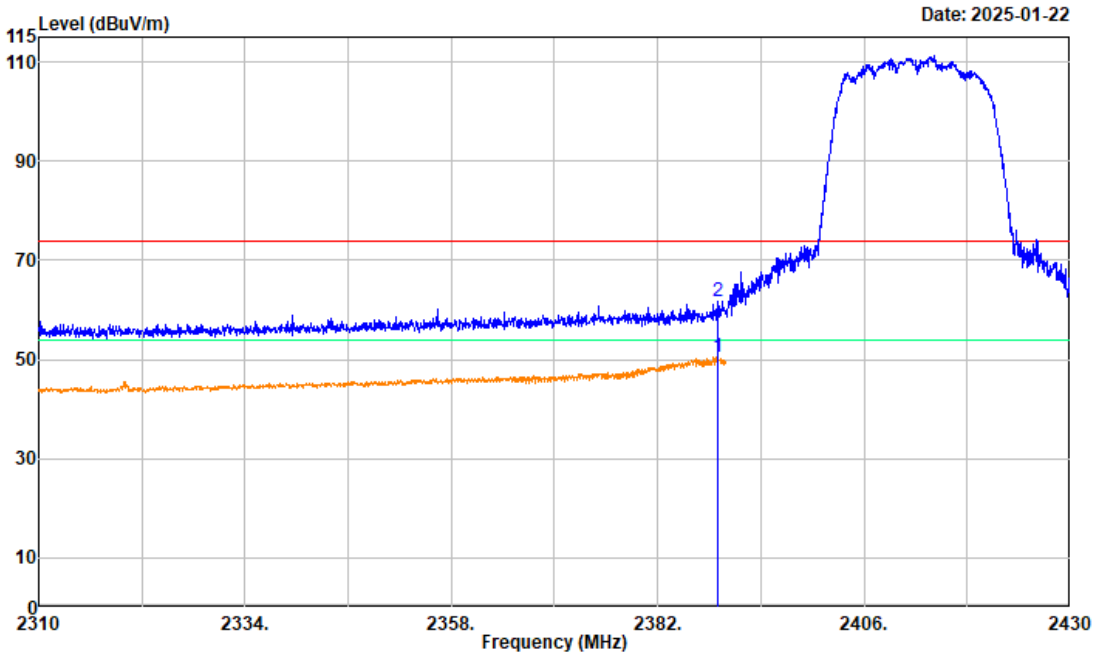


Project No. : 2405A45676E
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 23.3℃/43%R.H./101.0kPa
Tested by : Bard Huang
Polarization : vertical
Remark : 802.11g 2462

--No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
1	2484.625	39.56	7.20	46.76	54.00	-7.24	Average
2	2484.625	52.32	7.20	59.52	74.00	-14.48	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11n20	Channel:	2412MHz

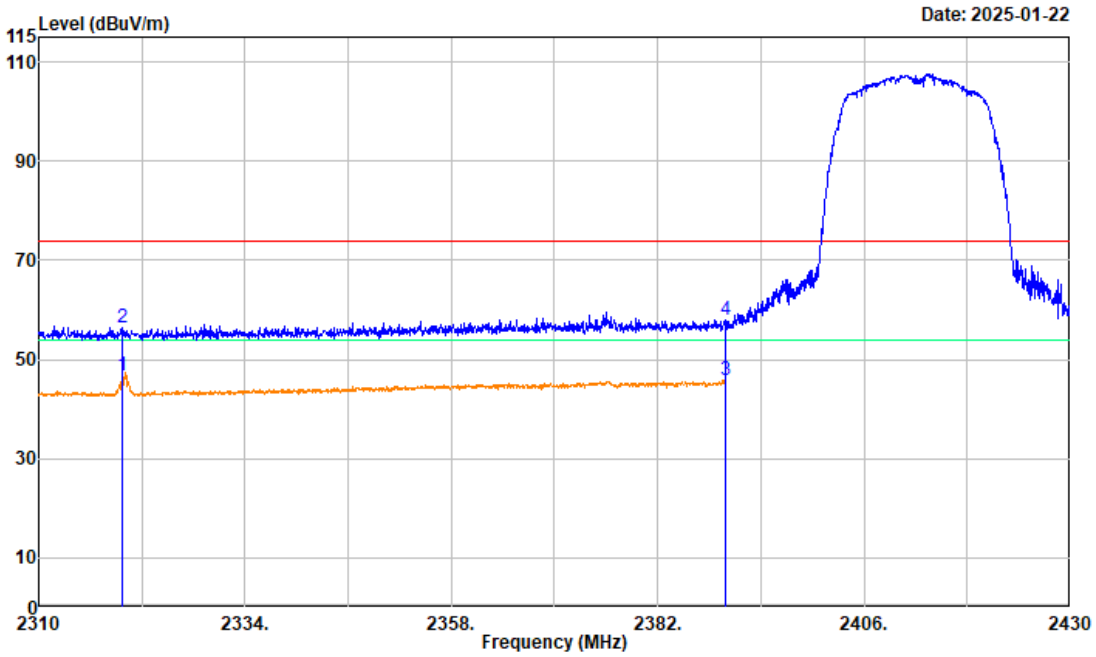


Project No. : 2405A45676E
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 23.3℃/43%R.H./101.0kPa
Tested by : Bard Huang
Polarization : horizontal
Remark : 802.11n20 2412

--No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Over Limit (dB)	Detector
1	2389.020	43.50	7.00	50.50	54.00	-3.50	Average
2	2389.020	54.86	7.00	61.86	74.00	-12.14	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11n20	Channel:	2412MHz

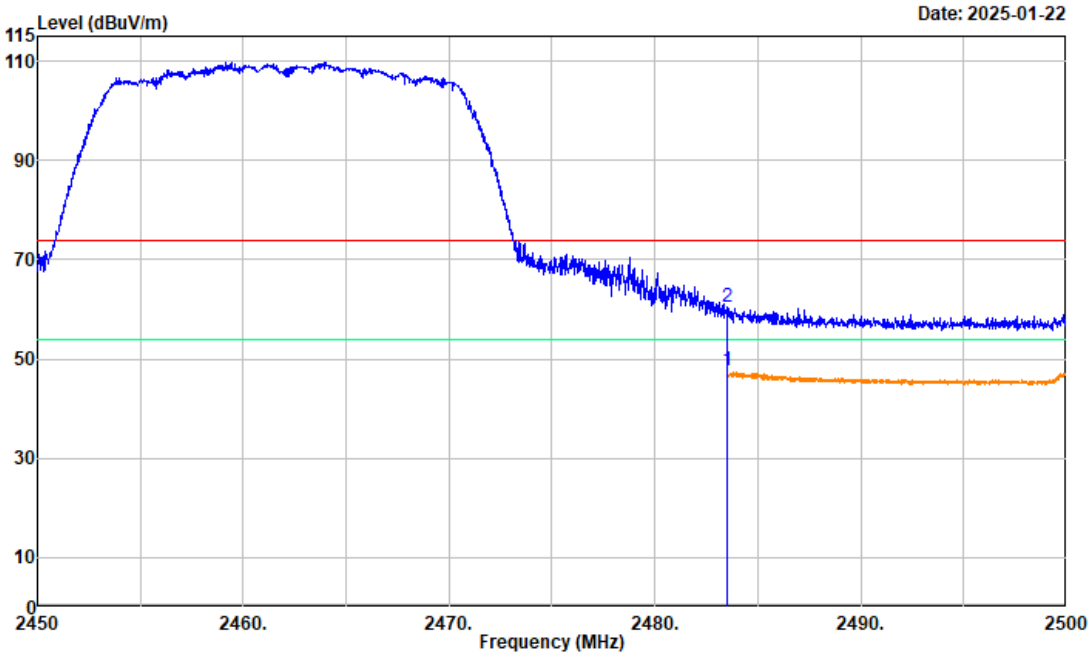


Project No. : 2405A45676E
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 23.3℃/43%R.H./101.0kPa
Tested by : Bard Huang
Polarization : vertical
Remark : 802.11n20 2412

--No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Over Limit (dB)	Detector
1	2319.660	39.77	6.86	46.63	54.00	-7.37	Average
2	2319.660	49.65	6.86	56.51	74.00	-17.49	Peak
3	2389.800	38.87	7.00	45.87	54.00	-8.13	Average
4	2389.800	50.88	7.00	57.88	74.00	-16.12	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11n20	Channel:	2462MHz

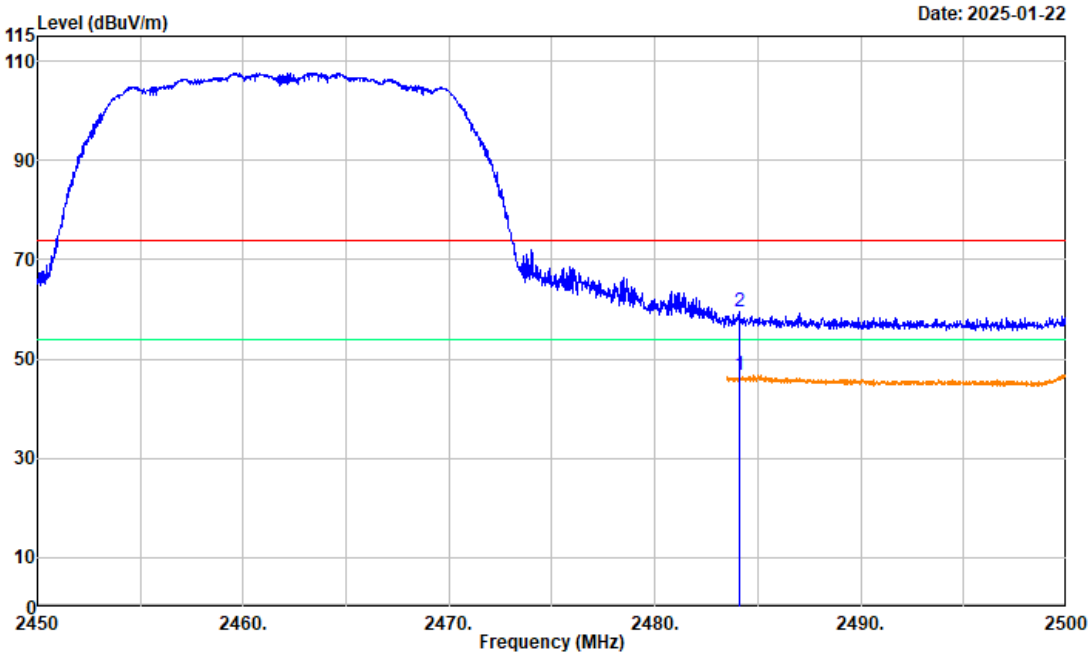


Project No. : 2405A45676E
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 23.3℃/43%R.H./101.0kPa
Tested by : Bard Huang
Polarization : horizontal
Remark : 802.11n20 2462

--No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
1	2483.525	40.47	7.20	47.67	54.00	-6.33	Average
2	2483.525	53.13	7.20	60.33	74.00	-13.67	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11n20	Channel:	2462MHz

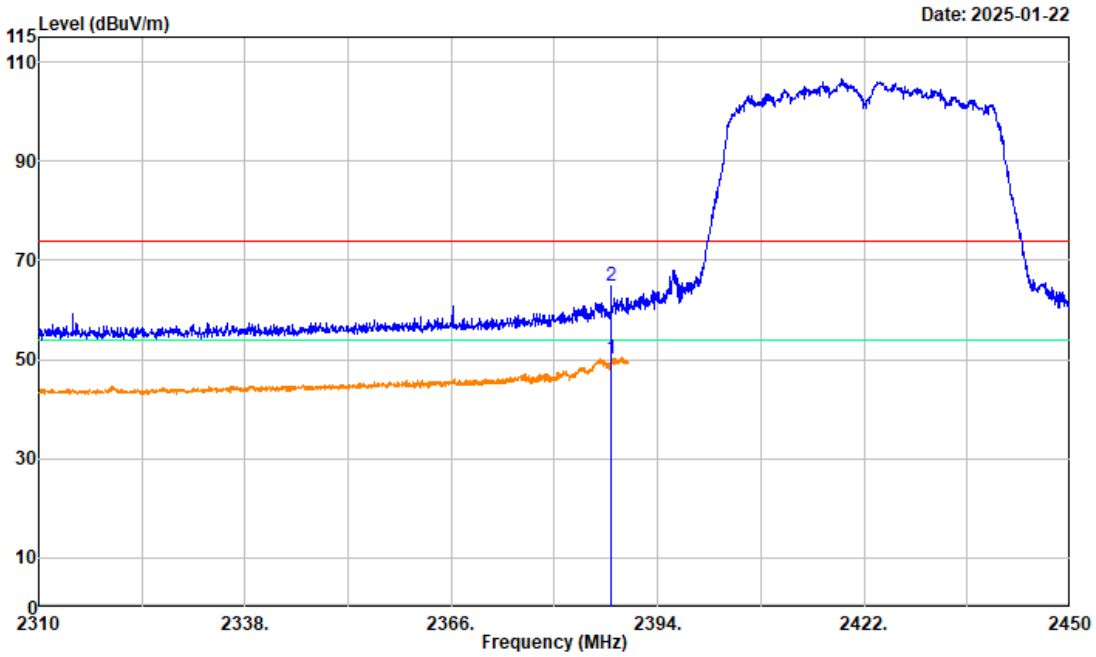


Project No. : 2405A45676E
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 23.3℃/43%R.H./101.0kPa
Tested by : Bard Huang
Polarization : vertical
Remark : 802.11n20 2462

--No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Over Limit (dB)	Detector
1	2484.075	39.44	7.20	46.64	54.00	-7.36	Average
2	2484.075	52.40	7.20	59.60	74.00	-14.40	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11n40	Channel:	2422MHz

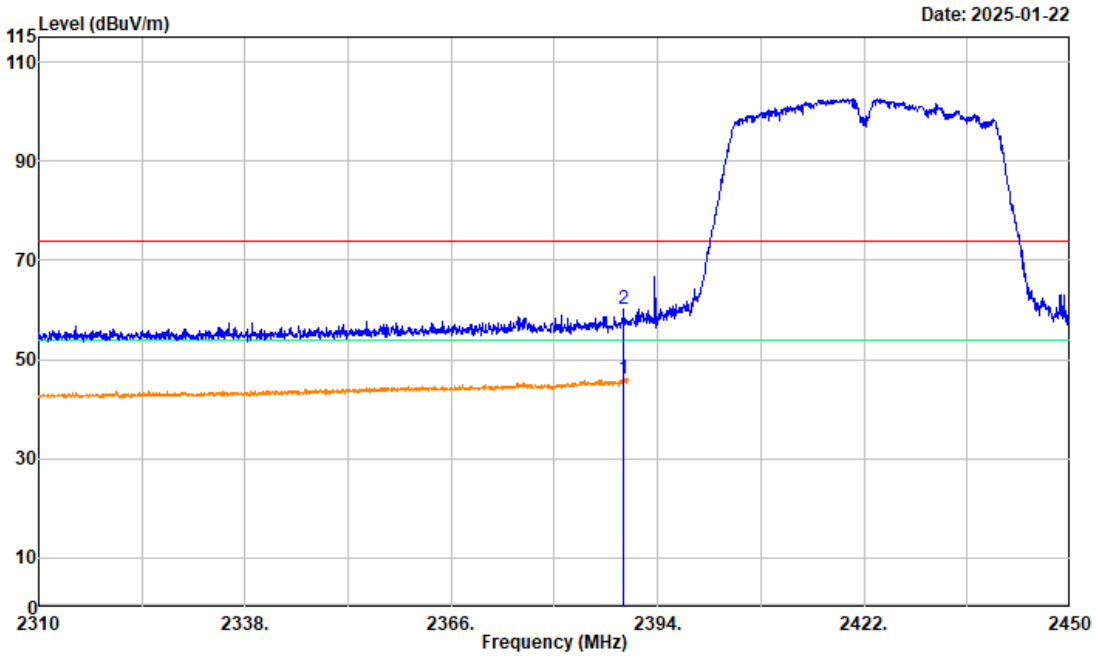


Project No. : 2405A45676E
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 23.3℃/43%R.H./101.0kPa
Tested by : Bard Huang
Polarization : horizontal
Remark : 802.11n40 2422

--No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Over Limit (dB)	Detector
1	2387.630	43.19	7.00	50.19	54.00	-3.81	Average
2	2387.630	57.84	7.00	64.84	74.00	-9.16	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11n40	Channel:	2422MHz

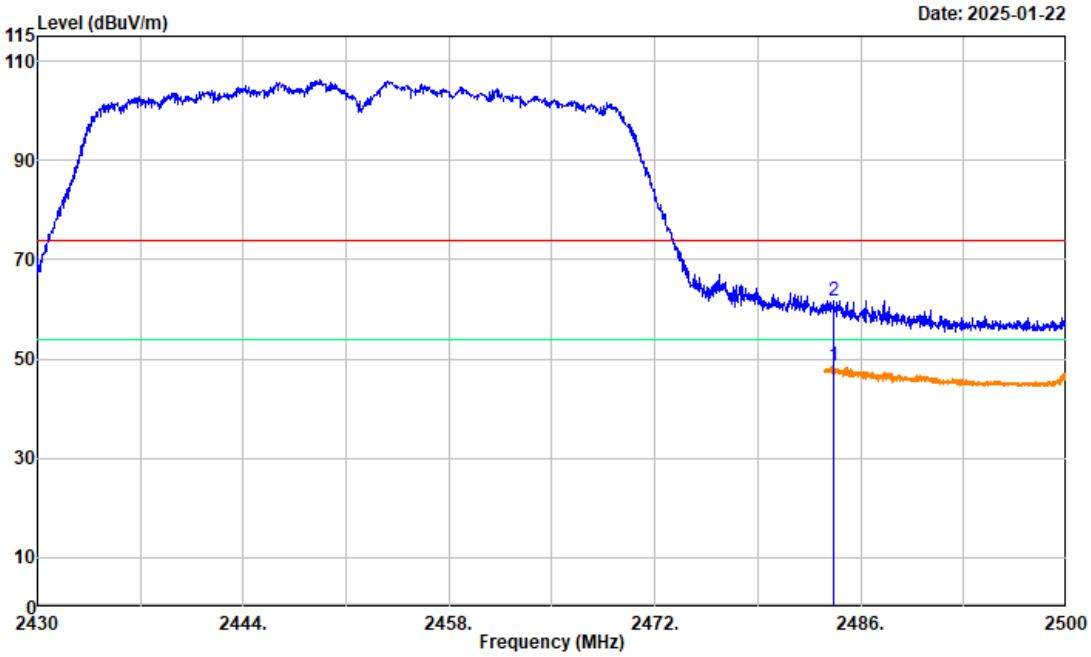


Project No. : 2405A45676E
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 23.3℃/43%R.H./101.0kPa
Tested by : Bard Huang
Polarization : vertical
Remark : 802.11n40 2422

--No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Over Limit (dB)	Detector
1	2389.310	38.98	7.00	45.98	54.00	-8.02	Average
2	2389.310	53.14	7.00	60.14	74.00	-13.86	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11n40	Channel:	2452MHz

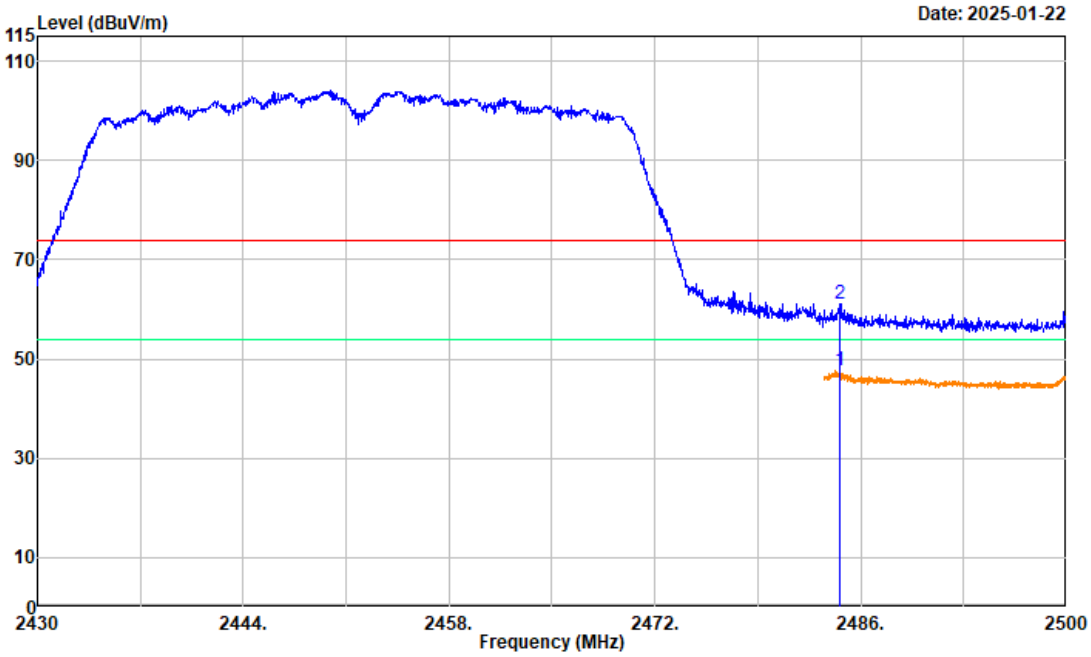


Project No. : 2405A45676E
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 23.3℃/43%R.H./101.0kPa
Tested by : Bard Huang
Polarization : horizontal
Remark : 802.11n40 2452

--No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Over Limit (dB)	Detector
1	2484.110	41.38	7.20	48.58	54.00	-5.42	Average
2	2484.110	54.55	7.20	61.75	74.00	-12.25	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11n40	Channel:	2452MHz



Project No. : 2405A45676E
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 23.3℃/43%R.H./101.0kPa
Tested by : Bard Huang
Polarization : vertical
Remark : 802.11n40 2452

--No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
1	2484.530	40.54	7.20	47.74	54.00	-6.26	Average
2	2484.530	53.87	7.20	61.07	74.00	-12.93	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Model: GLH-1108AN

Frequency (MHz)	Reading level (dBμV)	Polar	Corrected Factor (dB/m)	Corrected Amplitude (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
802.11b							
Low Channel							
4824.000	47.35	horizontal	-2.29	45.06	74.00	-28.94	Peak
4824.000	46.59	vertical	-2.29	44.30	74.00	-29.70	Peak
Middle Channel							
4874.000	47.50	horizontal	-1.92	45.58	74.00	-28.42	Peak
4874.000	53.92	vertical	-1.92	52.00	74.00	-22.00	Peak
High Channel							
4924.000	49.02	horizontal	-1.70	47.32	74.00	-26.68	Peak
4924.000	52.11	vertical	-1.70	50.41	74.00	-23.59	Peak
802.11g							
Low Channel							
4824.000	53.32	horizontal	-2.29	51.03	74.00	-22.97	Peak
4824.000	54.99	vertical	-2.29	52.70	74.00	-21.30	Peak
Middle Channel							
4874.000	49.77	horizontal	-1.92	47.85	74.00	-26.15	Peak
4874.000	52.95	vertical	-1.92	51.03	74.00	-22.97	Peak
High Channel							
4924.000	47.70	horizontal	-1.70	46.00	74.00	-28.00	Peak
4924.000	49.56	vertical	-1.70	47.86	74.00	-26.14	Peak
802.11n20							
Low Channel							
4824.000	47.42	horizontal	-2.29	45.13	74.00	-28.87	Peak
4824.000	48.43	vertical	-2.29	46.14	74.00	-27.86	Peak
Middle Channel							
4874.000	48.94	horizontal	-1.92	47.02	74.00	-26.98	Peak
4874.000	47.69	vertical	-1.92	45.77	74.00	-28.23	Peak
High Channel							
4924.000	47.91	horizontal	-1.70	46.21	74.00	-27.79	Peak
4924.000	49.08	vertical	-1.70	47.38	74.00	-26.62	Peak
802.11n40							
Low Channel							
4844.000	48.07	horizontal	-2.17	45.90	74.00	-28.10	Peak
4844.000	47.73	vertical	-2.17	45.56	74.00	-28.44	Peak
Middle Channel							

4874.000	48.88	horizontal	-1.92	46.96	74.00	-27.04	Peak
4874.000	48.24	vertical	-1.92	46.32	74.00	-27.68	Peak
High Channel							
4904.000	48.74	horizontal	-1.71	47.03	74.00	-26.97	Peak
4904.000	48.90	vertical	-1.71	47.19	74.00	-26.81	Peak

Remark:

Corrected Amplitude= Reading level + corrected Factor

Corrected Factor = Antenna factor + Cable loss – Amplifier gain

Margin = Corrected Amplitude – Limit

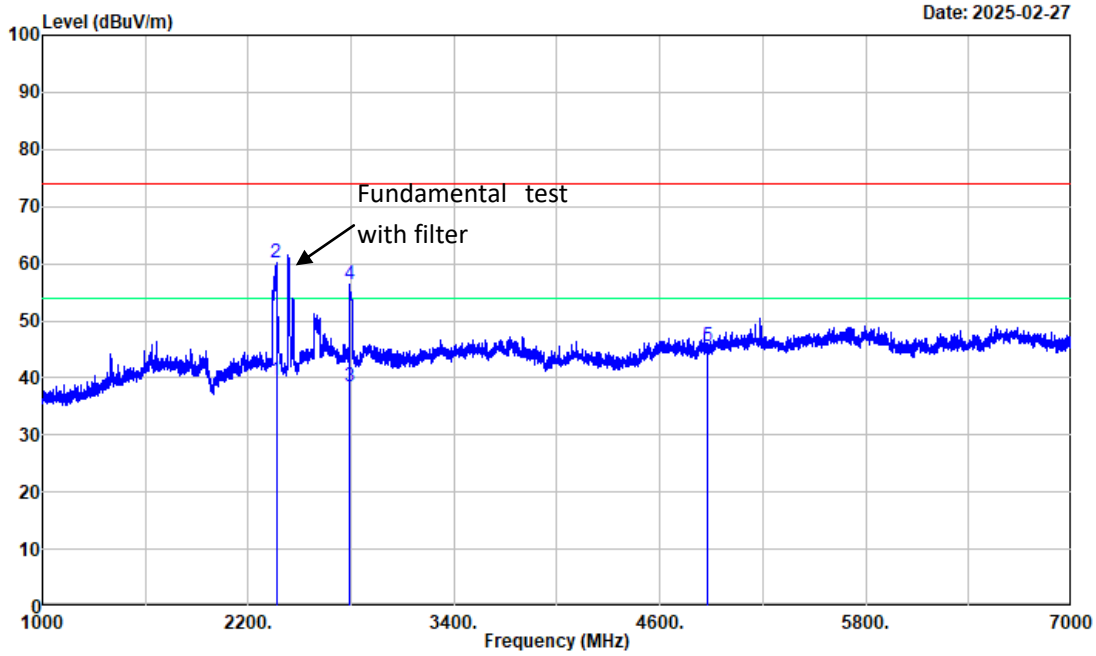
For the test result of Peak below the Peak limit more than 20dB, which can compliance with the average limit, just the Peak level was recorded.

The emission levels of other frequencies that were lower than the limit 20dB not show in test report.

For emissions in 18GHz-25GHz range, all emissions were investigated and in the noise floor level.

Test plot for example as below:

Mode:	802.11b	Channel:	2437MHz

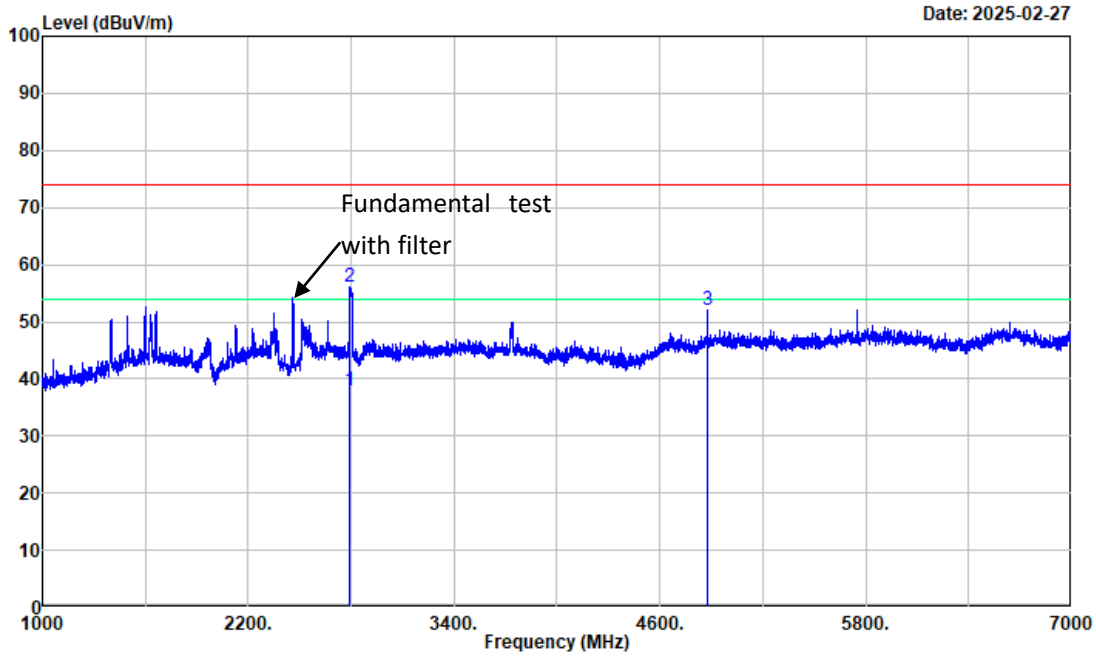


Project No. : 2405A45676E-RF
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 23.8℃/48%R.H./101.2kPa
Tested by : Bard Huang
Polarization : horizontal
Remark : 802.11b 2437

--No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Over Limit (dB)	Detector
1	2363.000	42.46	-2.91	39.55	54.00	-14.45	Average
2	2363.000	63.01	-2.91	60.10	74.00	-13.90	Peak
3	2793.000	40.75	-2.34	38.41	54.00	-15.59	Average
4	2793.000	58.58	-2.34	56.24	74.00	-17.76	Peak
5	4874.000	47.50	-1.92	45.58	74.00	-28.42	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11b	Channel:	2437MHz

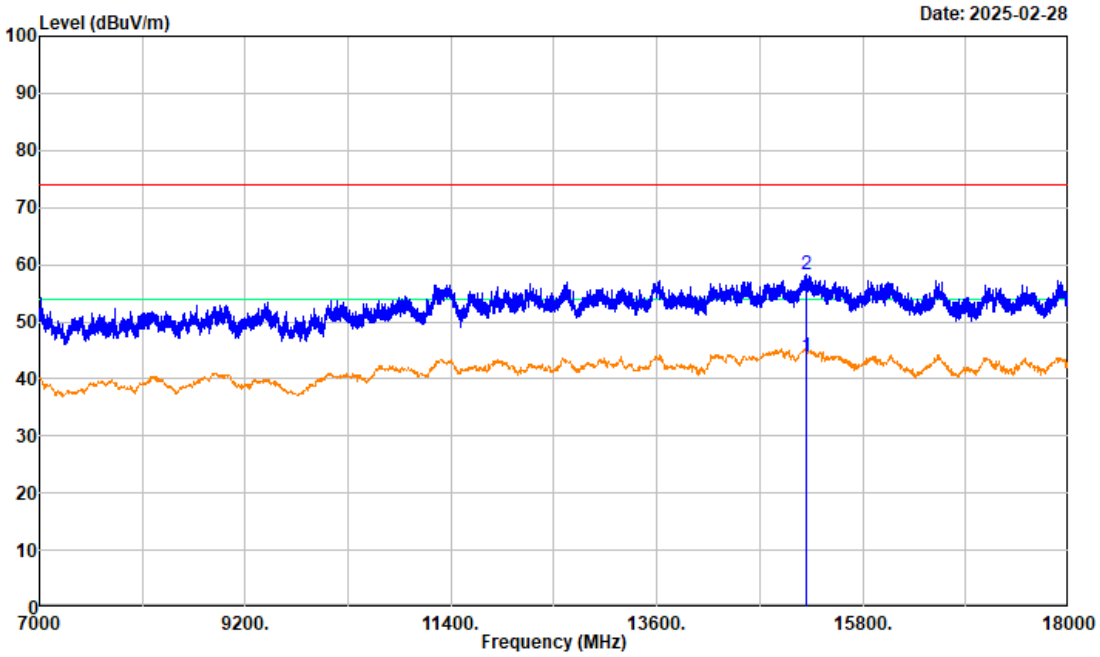


Project No. : 2405A45676E-RF
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 23.8℃/48%R.H./101.2kPa
Tested by : Bard Huang
Polarization : vertical
Remark : 802.11b 2437

--No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
1	2792.000	40.22	-2.35	37.87	54.00	-16.13	Average
2	2792.000	58.44	-2.35	56.09	74.00	-17.91	Peak
3	4874.000	53.92	-1.92	52.00	74.00	-22.00	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11b	Channel:	2437MHz

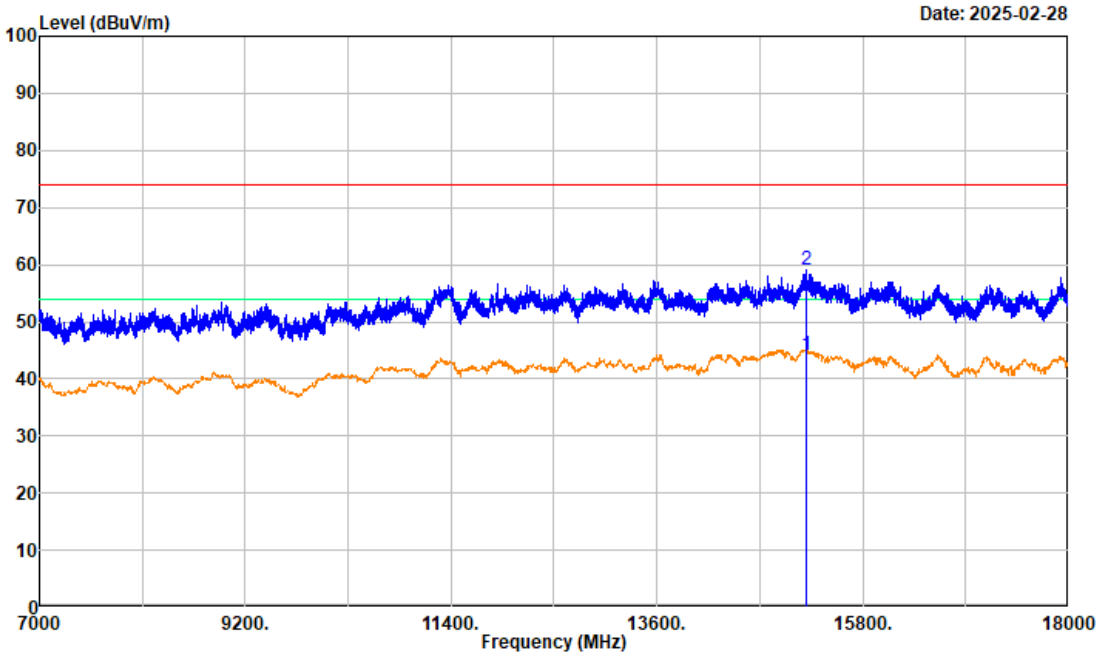


Project No. : 2405A45676E-RF
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 23.3℃/53%R.H./101.4kPa
Tested by : Bard Huang
Polarization : horizontal
Remark : 802.11b 2437

--No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Over Limit (dB)	Detector
1	15193.000	37.68	6.29	43.97	54.00	-10.03	Average
2	15193.000	52.09	6.29	58.38	74.00	-15.62	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11b	Channel:	2437MHz

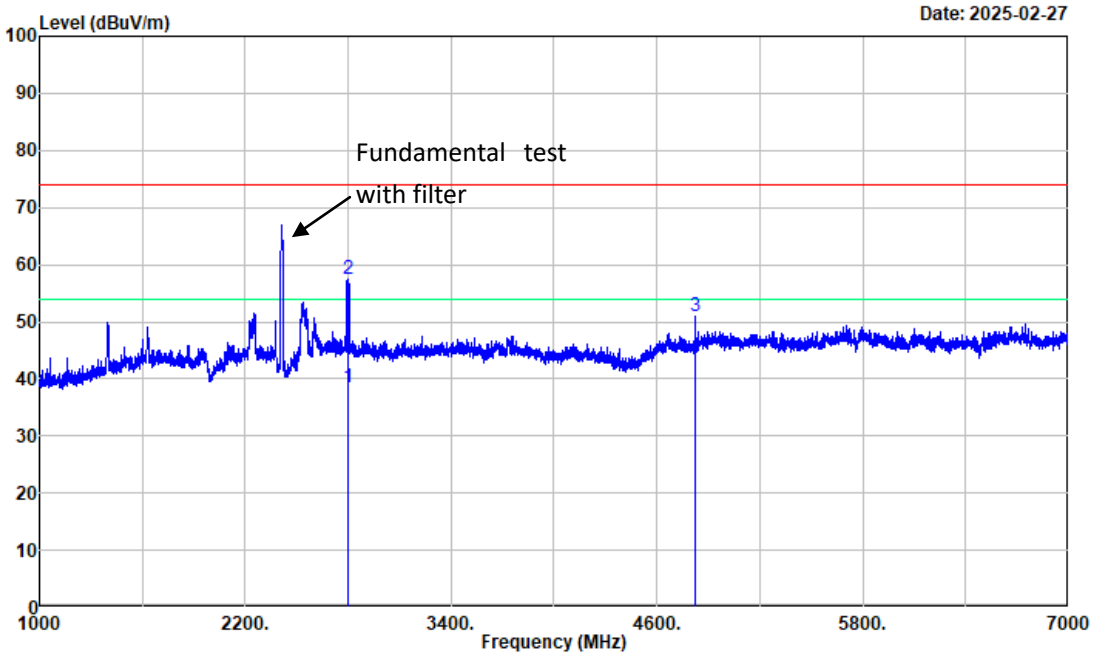


Project No. : 2405A45676E-RF
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 23.3℃/53%R.H./101.4kPa
Tested by : Bard Huang
Polarization : vertical
Remark : 802.11b 2437

--No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
1	15198.000	37.86	6.29	44.15	54.00	-9.85	Average
2	15198.000	52.67	6.29	58.96	74.00	-15.04	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11g	Channel:	2412MHz

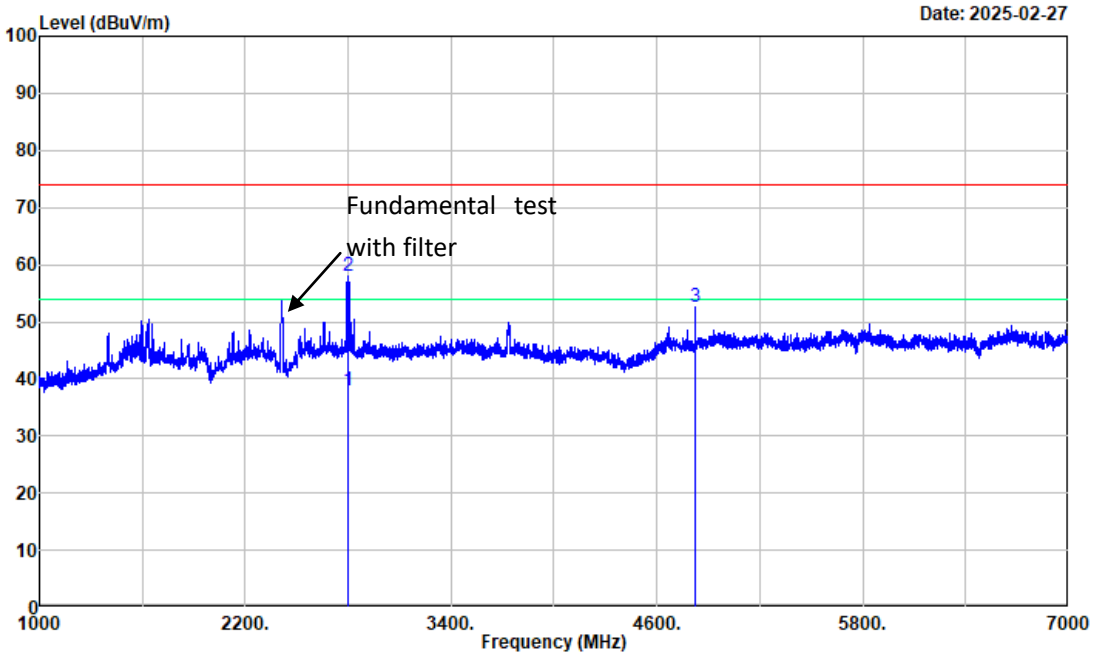


Project No. : 2405A45676E-RF
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 23.8℃/48%R.H./101.2kPa
Tested by : Bard Huang
Polarization : horizontal
Remark : 802.11g 2412

--No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
1	2803.000	40.91	-2.34	38.57	54.00	-15.43	Average
2	2803.000	59.82	-2.34	57.48	74.00	-16.52	Peak
3	4824.000	53.32	-2.29	51.03	74.00	-22.97	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11g	Channel:	2412MHz

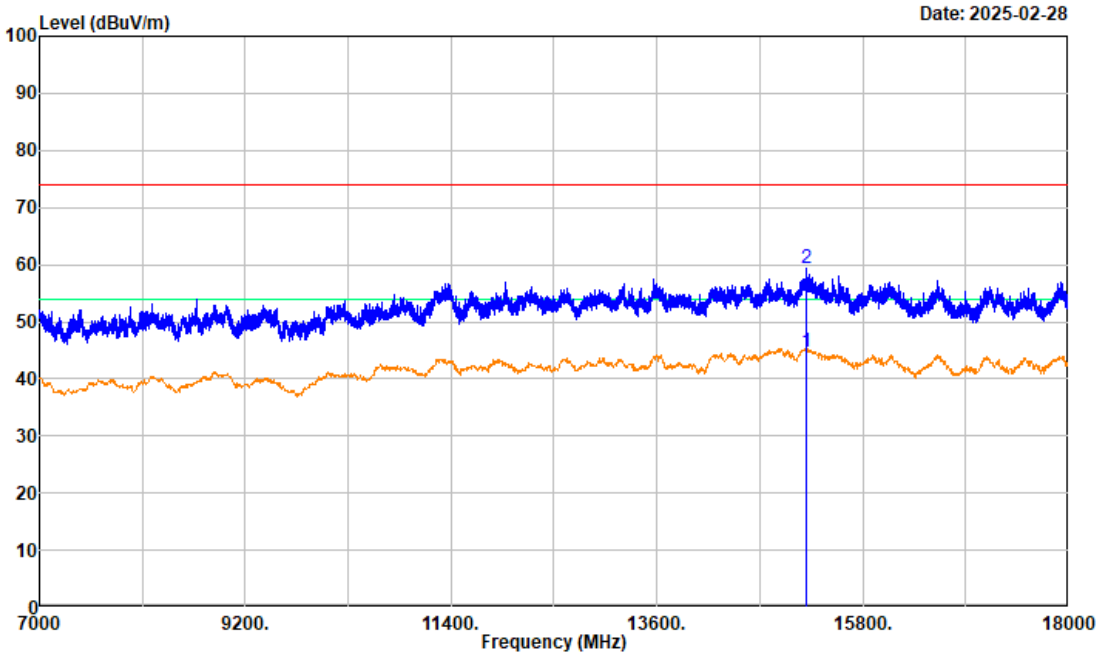


Project No. : 2405A45676E-RF
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 23.8℃/48%R.H./101.2kPa
Tested by : Bard Huang
Polarization : vertical
Remark : 802.11g 2412

--No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
1	2802.000	40.27	-2.34	37.93	54.00	-16.07	Average
2	2802.000	60.31	-2.34	57.97	74.00	-16.03	Peak
3	4824.000	54.99	-2.29	52.70	74.00	-21.30	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11g	Channel:	2412MHz

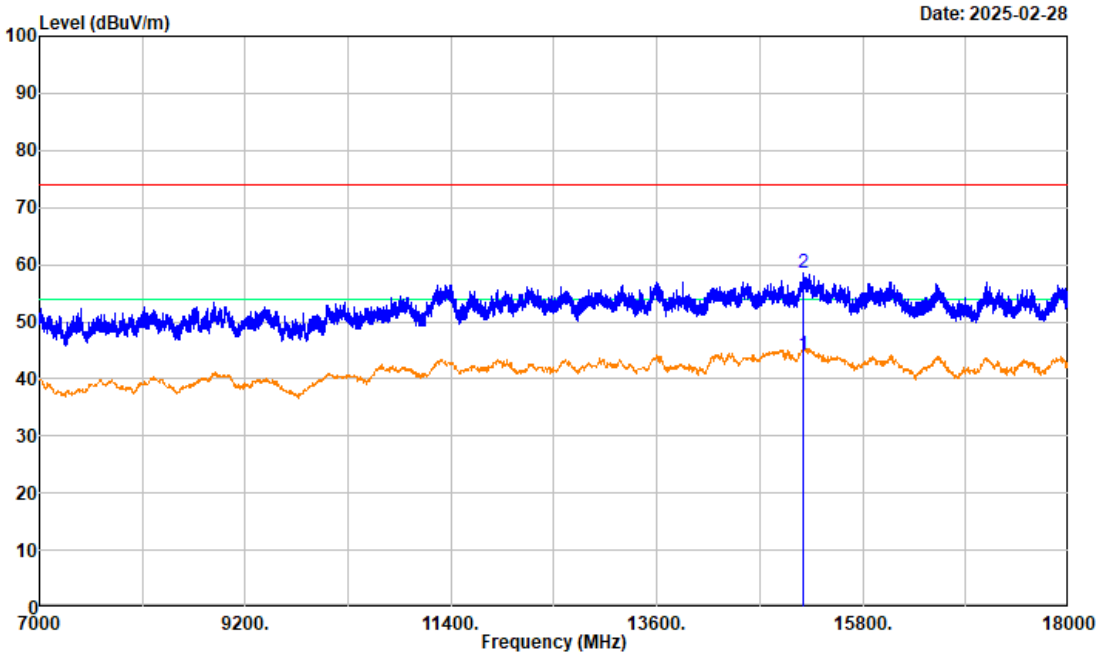


Project No. : 2405A45676E-RF
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 23.3℃/53%R.H./101.4kPa
Tested by : Bard Huang
Polarization : horizontal
Remark : 802.11g 2412

--No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Over Limit (dB)	Detector
1	15200.000	38.35	6.30	44.65	54.00	-9.35	Average
2	15200.000	53.01	6.30	59.31	74.00	-14.69	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11g	Channel:	2412MHz

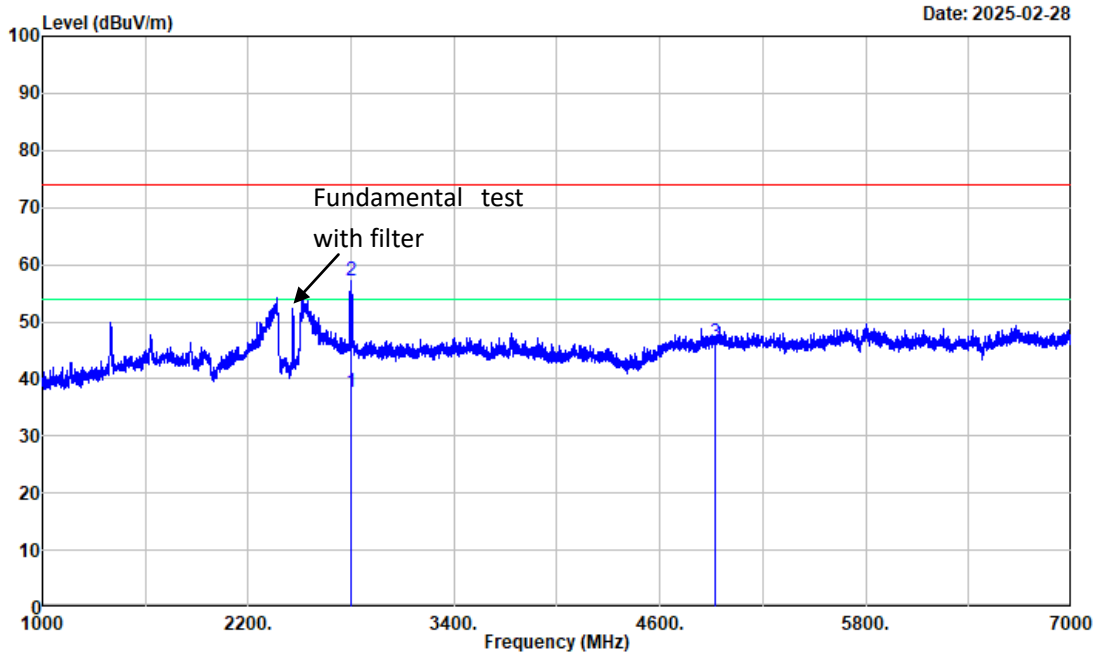


Project No. : 2405A45676E-RF
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 23.3℃/53%R.H./101.4kPa
Tested by : Bard Huang
Polarization : vertical
Remark : 802.11g 2412

--No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
1	15158.000	37.85	6.23	44.08	54.00	-9.92	Average
2	15158.000	52.18	6.23	58.41	74.00	-15.59	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11n20	Channel:	2462MHz

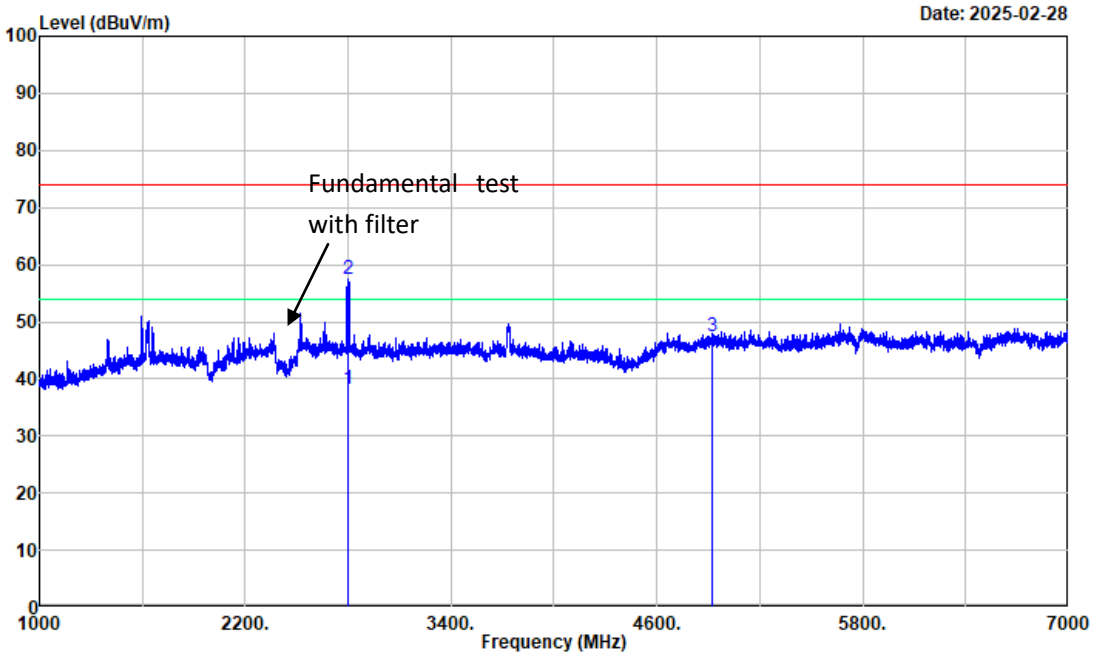


Project No. : 2405A45676E-RF
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 23.3℃/53%R.H./101.4kPa
Tested by : Bard Huang
Polarization : horizontal
Remark : 802.11n20 2462

--No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
1	2796.000	40.11	-2.34	37.77	54.00	-16.23	Average
2	2796.000	59.39	-2.34	57.05	74.00	-16.95	Peak
3	4924.000	47.91	-1.70	46.21	74.00	-27.79	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11n20	Channel:	2462MHz

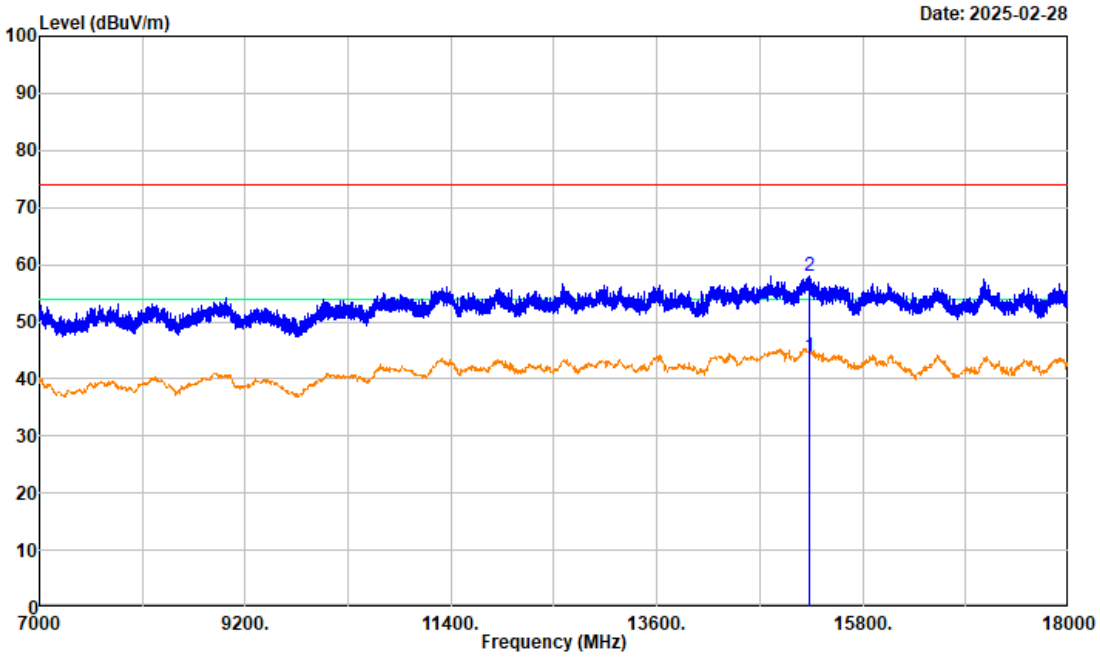


Project No. : 2405A45676E-RF
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 23.3℃/53%R.H./101.4kPa
Tested by : Bard Huang
Polarization : vertical
Remark : 802.11n20 2462

--No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
1	2803.000	40.67	-2.34	38.33	54.00	-15.67	Average
2	2803.000	59.72	-2.34	57.38	74.00	-16.62	Peak
3	4924.000	49.08	-1.70	47.38	74.00	-26.62	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11n20	Channel:	2462MHz

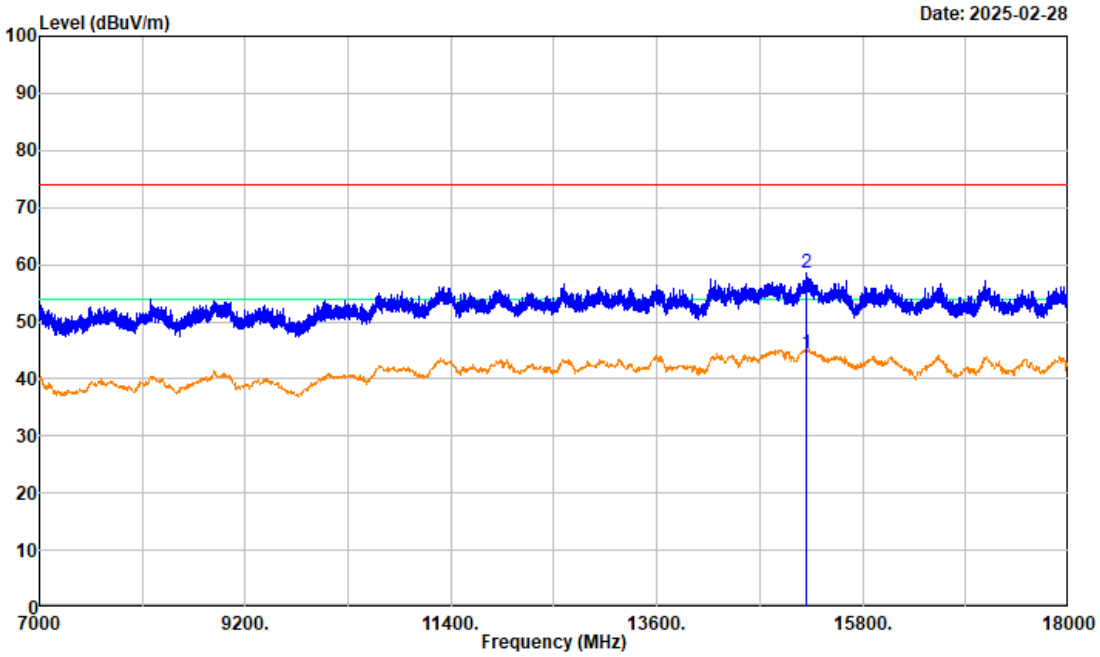


Project No. : 2405A45676E-RF
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 23.3℃/53%R.H./101.4kPa
Tested by : Bard Huang
Polarization : horizontal
Remark : 802.11n20 2462

--No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
1	15224.000	37.59	6.26	43.85	54.00	-10.15	Average
2	15224.000	51.67	6.26	57.93	74.00	-16.07	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11n20	Channel:	2462MHz

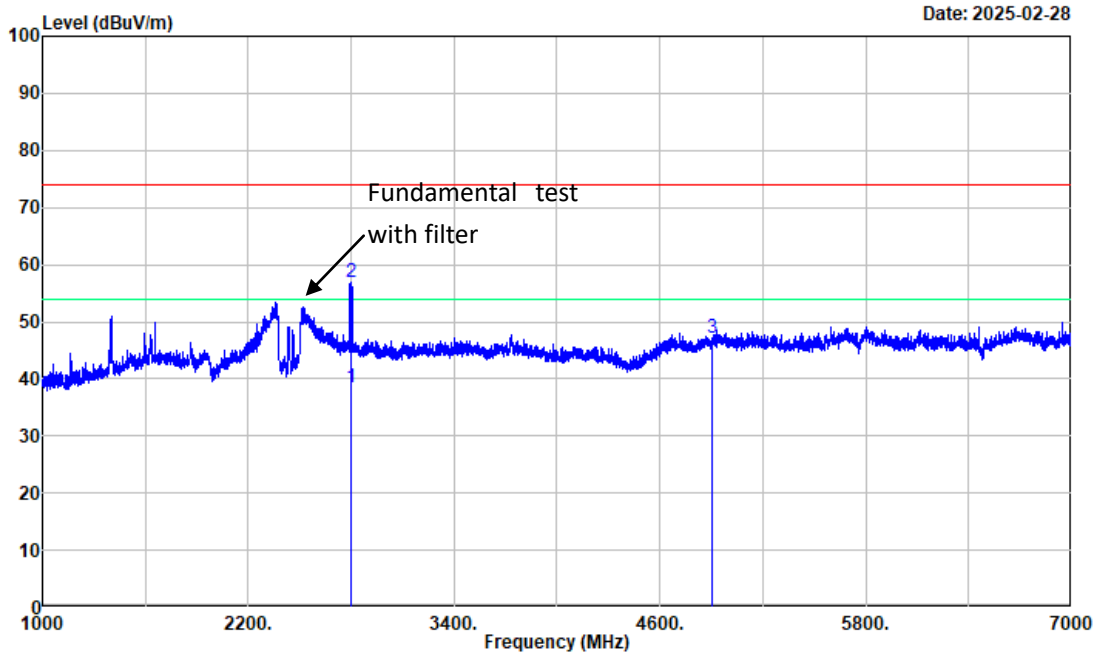


Project No. : 2405A45676E-RF
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 23.3℃/53%R.H./101.4kPa
Tested by : Bard Huang
Polarization : vertical
Remark : 802.11n20 2462

--No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
1	15200.000	38.22	6.30	44.52	54.00	-9.48	Average
2	15200.000	52.11	6.30	58.41	74.00	-15.59	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11n40	Channel:	2452MHz

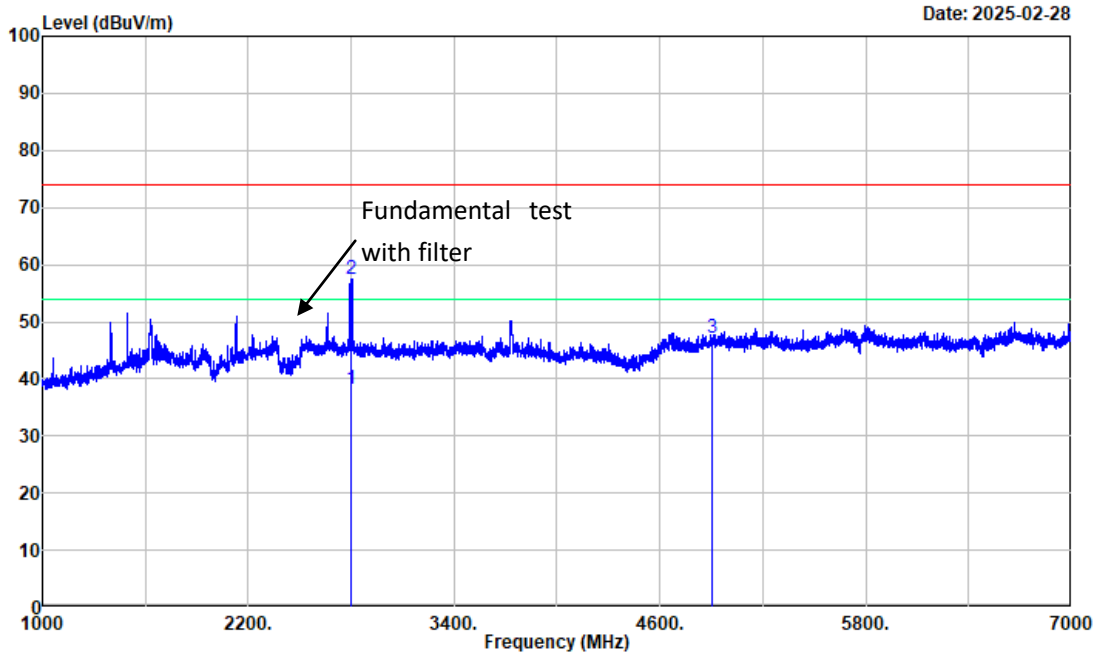


Project No. : 2405A45676E-RF
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 23.3℃/53%R.H./101.4kPa
Tested by : Bard Huang
Polarization : horizontal
Remark : 802.11n40 2452

--No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
1	2796.000	40.72	-2.34	38.38	54.00	-15.62	Average
2	2796.000	59.14	-2.34	56.80	74.00	-17.20	Peak
3	4904.000	48.74	-1.71	47.03	74.00	-26.97	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11n40	Channel:	2452MHz

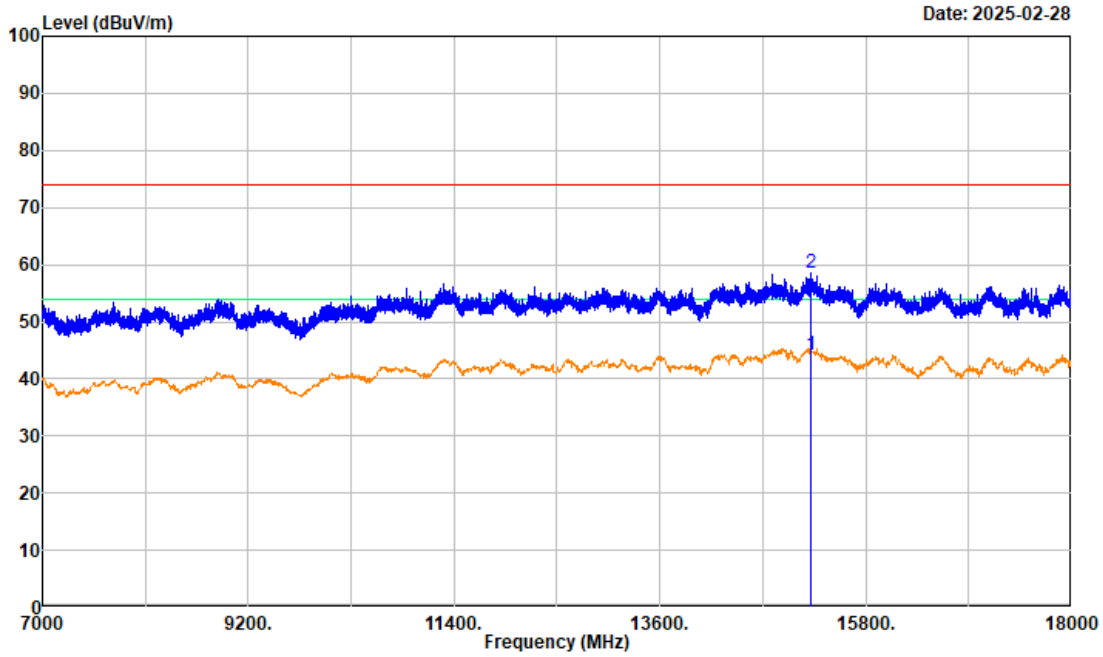


Project No. : 2405A45676E-RF
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 23.3℃/53%R.H./101.4kPa
Tested by : Bard Huang
Polarization : vertical
Remark : 802.11n40 2452

--No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
1	2803.000	40.66	-2.34	38.32	54.00	-15.68	Average
2	2803.000	59.90	-2.34	57.56	74.00	-16.44	Peak
3	4904.000	48.90	-1.71	47.19	74.00	-26.81	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11n40	Channel:	2452MHz

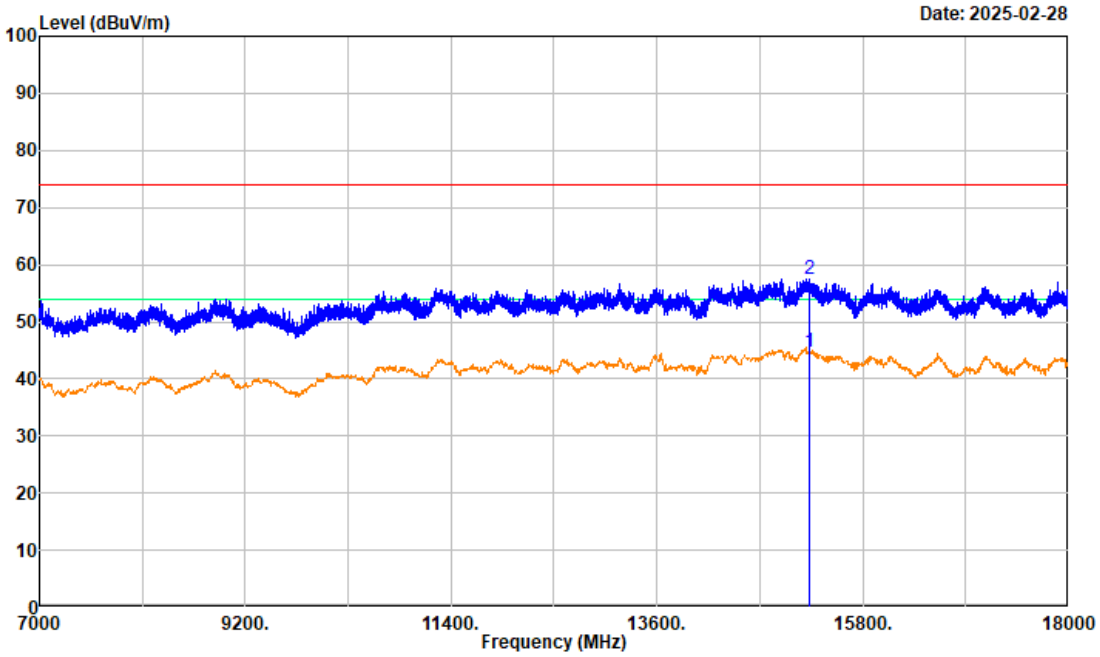


Project No. : 2405A45676E-RF
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 23.3℃/53%R.H./101.4kPa
Tested by : Bard Huang
Polarization : horizontal
Remark : 802.11n40 2452

--No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
1	15209.000	37.92	6.29	44.21	54.00	-9.79	Average
2	15209.000	52.14	6.29	58.43	74.00	-15.57	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11n40	Channel:	2452MHz

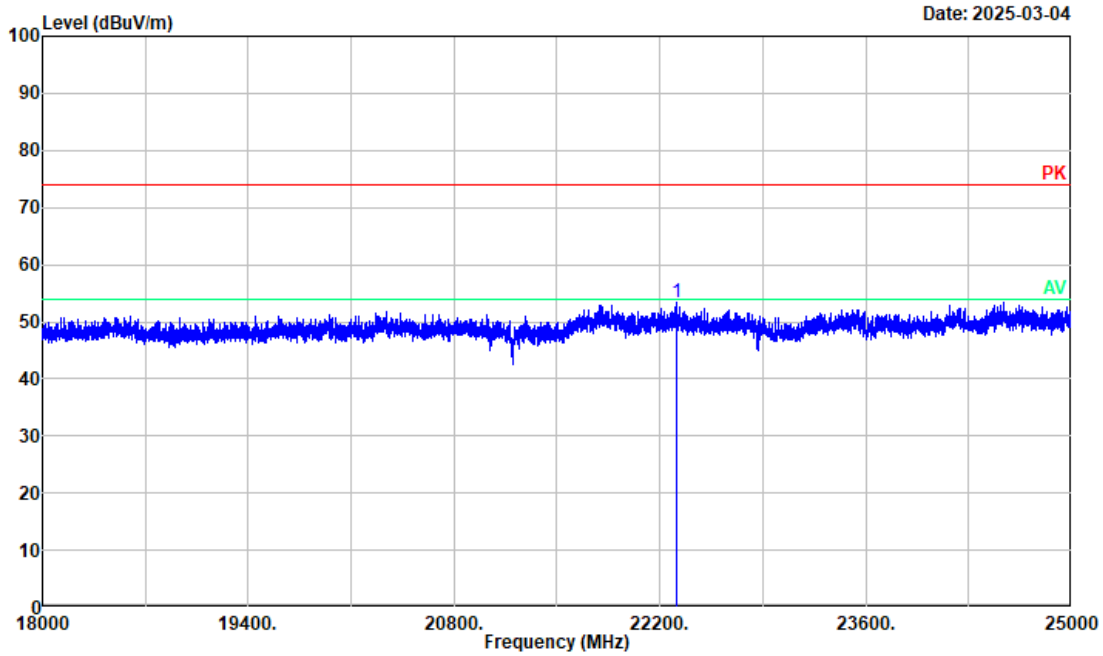


Project No. : 2405A45676E-RF
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 23.3℃/53%R.H./101.4kPa
Tested by : Bard Huang
Polarization : vertical
Remark : 802.11n40 2452

--No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
1	15233.000	38.33	6.25	44.58	54.00	-9.42	Average
2	15233.000	51.30	6.25	57.55	74.00	-16.45	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11g	Channel:	2462MHz

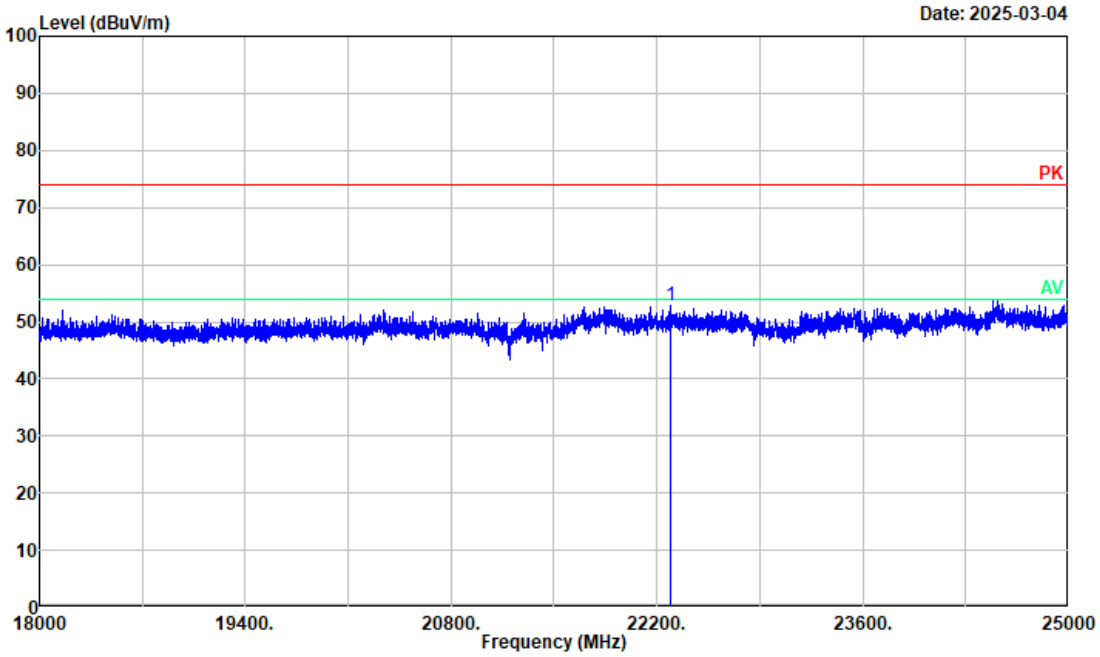


Project No. : 2405A45676E-RF
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 22.8℃/40%R.H./101.0kPa
Tested by : Luke Li
Polarization : horizontal
Remark : 2.4G Wifi

--No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Over Limit (dB)	Detector
1	22318.000	56.21	-2.88	53.33	74.00	-20.67	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain - Distance extrapolate factor
Distance extrapolate factor = 20*log(specified distance/measured distance)
Specified distance = 3 meters, measured distance = 1.5 meters
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11g	Channel:	2462MHz



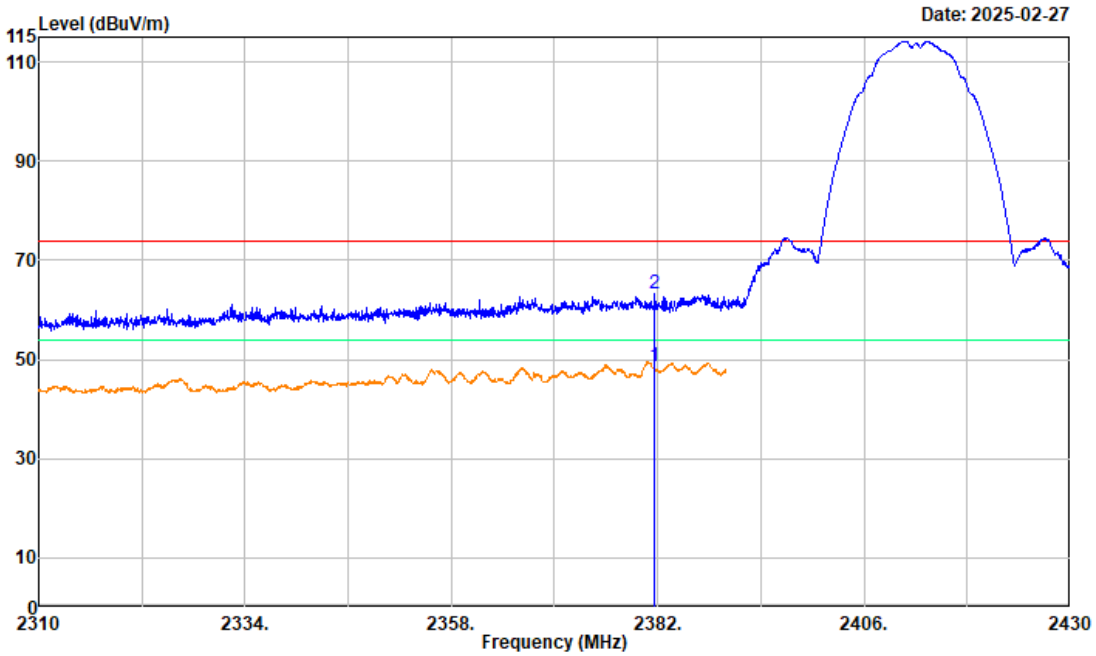
Project No. : 2405A45676E-RF
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 22.8℃/40%R.H./101.0kPa
Tested by : Luke Li
Polarization : vertical
Remark : 2.4G Wifi

--No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Over Limit (dB)	Detector
1	22291.000	55.71	-2.88	52.83	74.00	-21.17	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain - Distance extrapolate factor
Distance extrapolate factor = 20*log(specified distance/measured distance)
Specified distance = 3 meters, measured distance = 1.5 meters
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Radiated Band edge:

Mode:	802.11b	Channel:	2412MHz

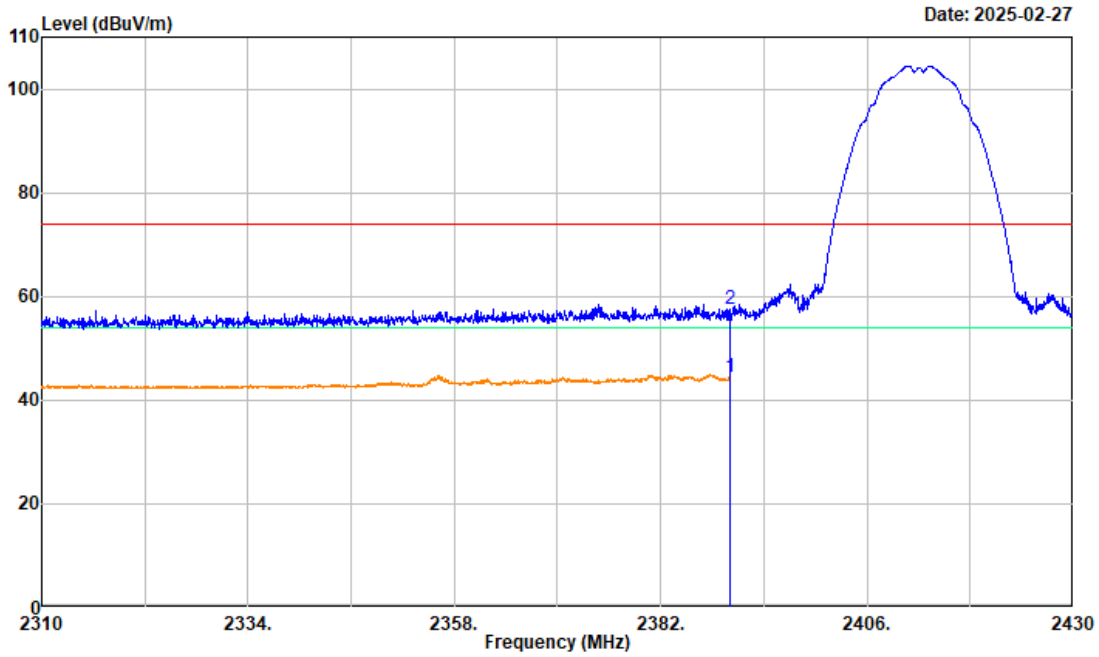


Project No. : 2405A45676E-RF
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 23.8℃/48%R.H./101.2kPa
Tested by : Bard Huang
Polarization : horizontal
Remark : 802.11b 2412

--No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Over Limit (dB)	Detector
1	2381.580	41.71	7.00	48.71	54.00	-5.29	Average
2	2381.580	56.15	7.00	63.15	74.00	-10.85	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11b	Channel:	2412MHz

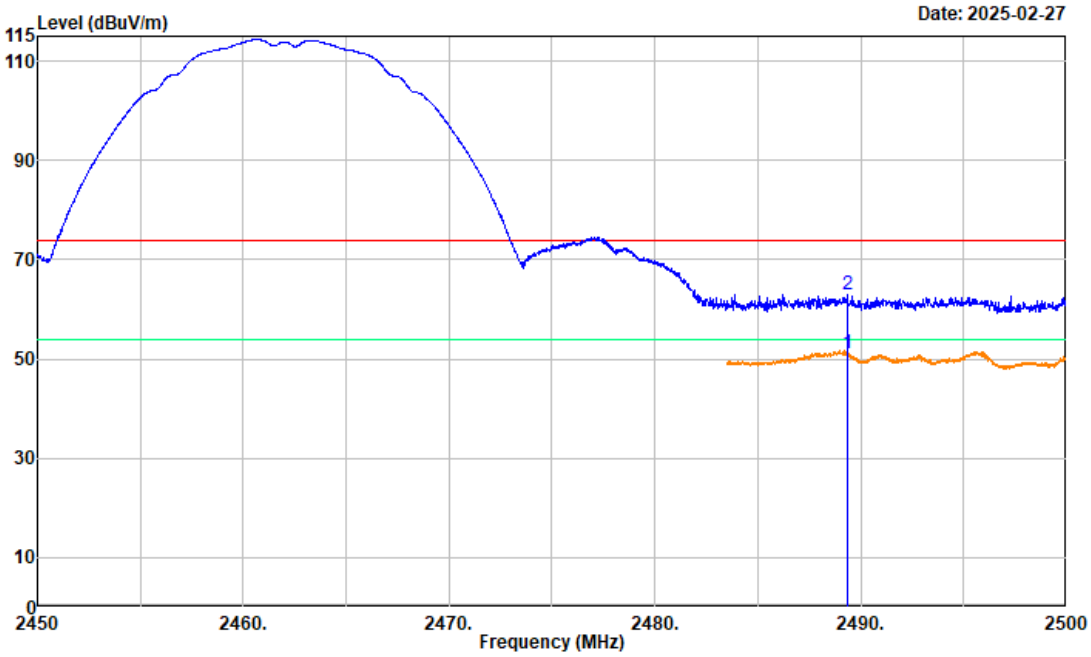


Project No. : 2405A45676E-RF
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 23.8℃/48%R.H./101.2kPa
Tested by : Bard Huang
Polarization : vertical
Remark : 802.11b 2412

--No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Over Limit (dB)	Detector
1	2389.980	37.35	7.00	44.35	54.00	-9.65	Average
2	2389.980	50.47	7.00	57.47	74.00	-16.53	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11b	Channel:	2462MHz

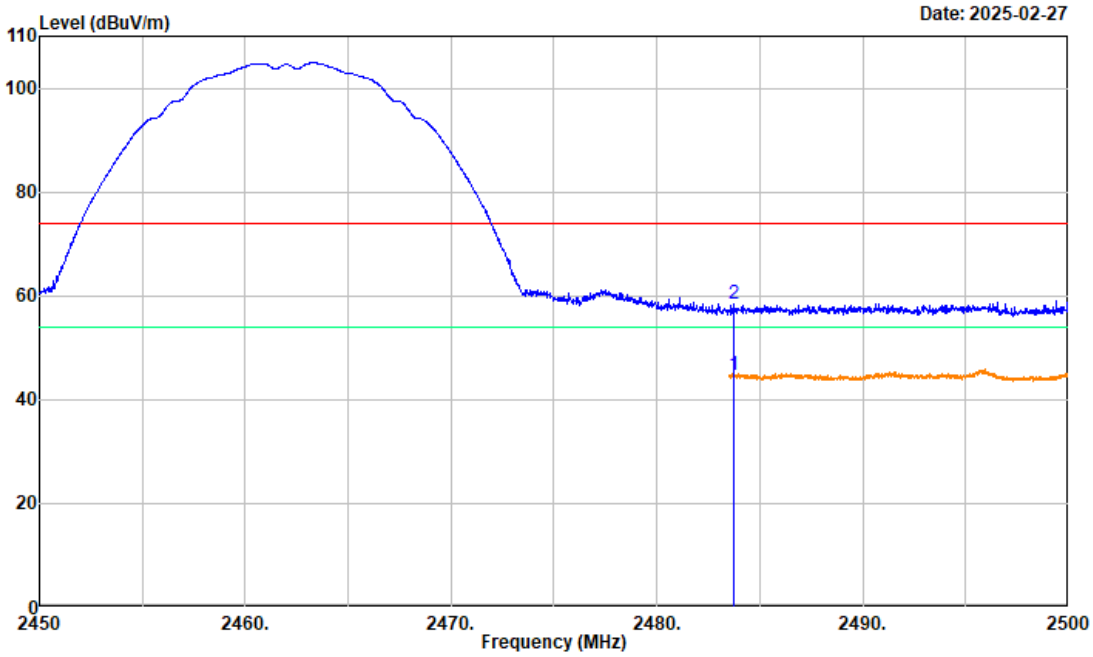


Project No. : 2405A45676E-RF
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 23.8℃/48%R.H./101.2kPa
Tested by : Bard Huang
Polarization : horizontal
Remark : 802.11b 2462

--No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Over Limit (dB)	Detector
1	2489.325	43.87	7.21	51.08	54.00	-2.92	Average
2	2489.325	55.86	7.21	63.07	74.00	-10.93	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11b	Channel:	2462MHz

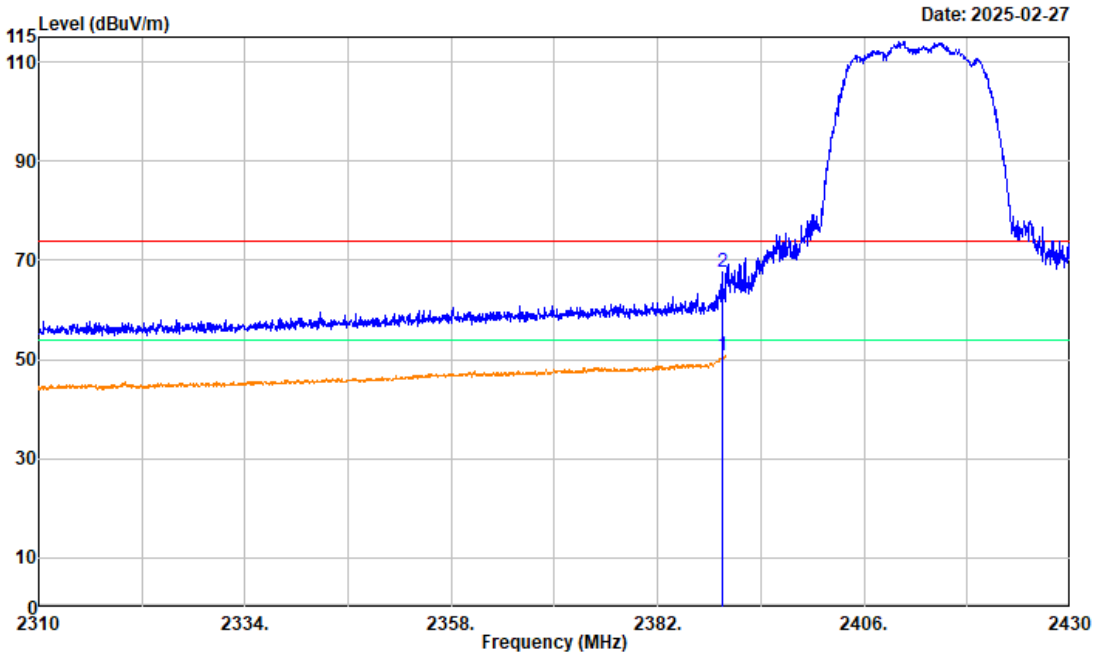


Project No. : 2405A45676E-RF
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 23.8℃/48%R.H./101.2kPa
Tested by : Bard Huang
Polarization : vertical
Remark : 802.11b 2462

--No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Over Limit (dB)	Detector
1	2483.700	37.56	7.20	44.76	54.00	-9.24	Average
2	2483.700	51.33	7.20	58.53	74.00	-15.47	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11g	Channel:	2412MHz

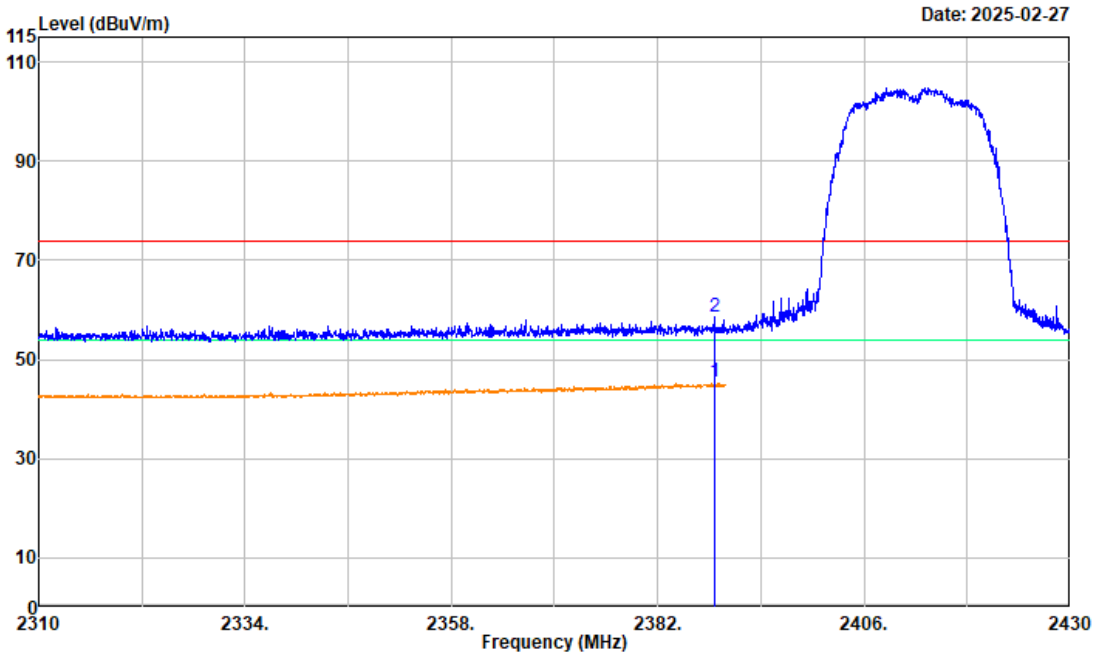


Project No. : 2405A45676E-RF
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 23.8℃/48%R.H./101.2kPa
Tested by : Bard Huang
Polarization : horizontal
Remark : 802.11g 2412

--No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Over Limit (dB)	Detector
1	2389.500	43.68	7.00	50.68	54.00	-3.32	Average
2	2389.500	60.75	7.00	67.75	74.00	-6.25	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11g	Channel:	2412MHz

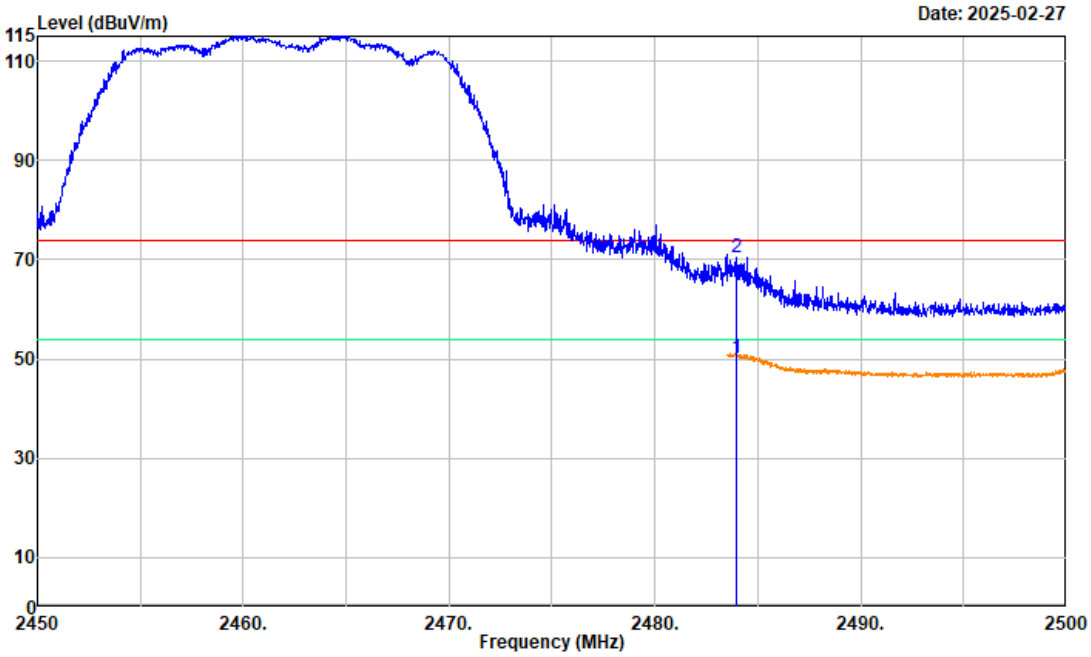


Project No. : 2405A45676E-RF
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 23.8℃/48%R.H./101.2kPa
Tested by : Bard Huang
Polarization : vertical
Remark : 802.11g 2412

--No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Over Limit (dB)	Detector
1	2388.600	38.49	7.00	45.49	54.00	-8.51	Average
2	2388.600	51.45	7.00	58.45	74.00	-15.55	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11g	Channel:	2462MHz

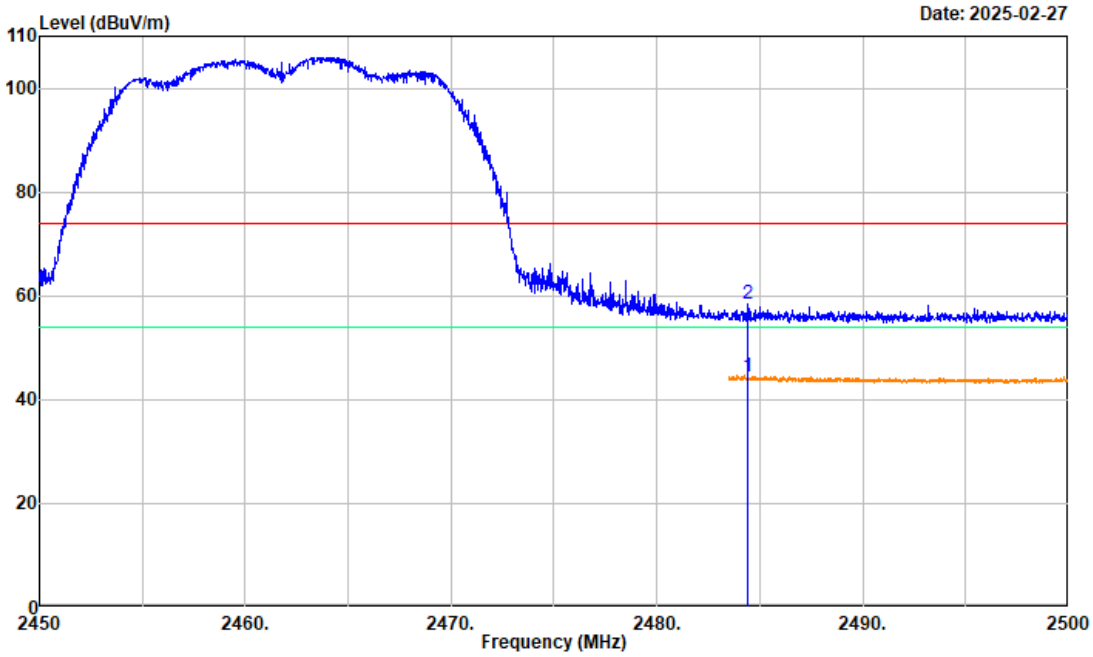


Project No. : 2405A45676E-RF
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 23.8℃/48%R.H./101.2kPa
Tested by : Bard Huang
Polarization : horizontal
Remark : 802.11g 2462

--No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Over Limit (dB)	Detector
1	2483.925	43.13	7.20	50.33	54.00	-3.67	Average
2	2483.925	63.26	7.20	70.46	74.00	-3.54	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11g	Channel:	2462MHz

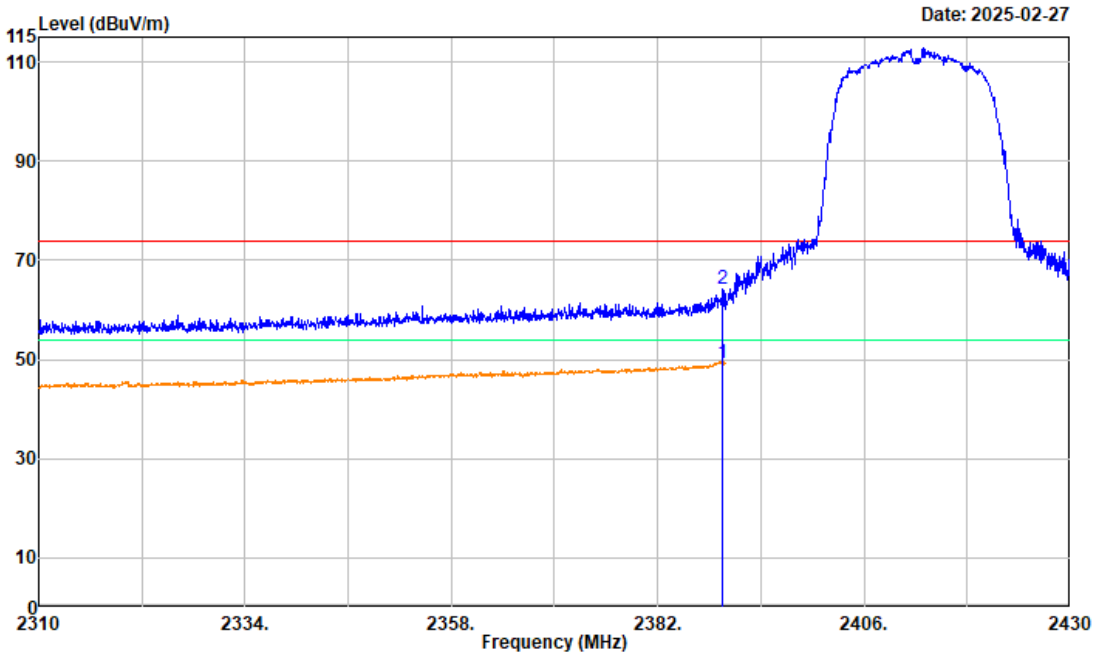


Project No. : 2405A45676E-RF
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 23.8℃/48%R.H./101.2kPa
Tested by : Bard Huang
Polarization : vertical
Remark : 802.11g 2462

--No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
1	2484.425	37.11	7.20	44.31	54.00	-9.69	Average
2	2484.425	51.17	7.20	58.37	74.00	-15.63	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

ode:	802.11n20	Channel:	2412MHz

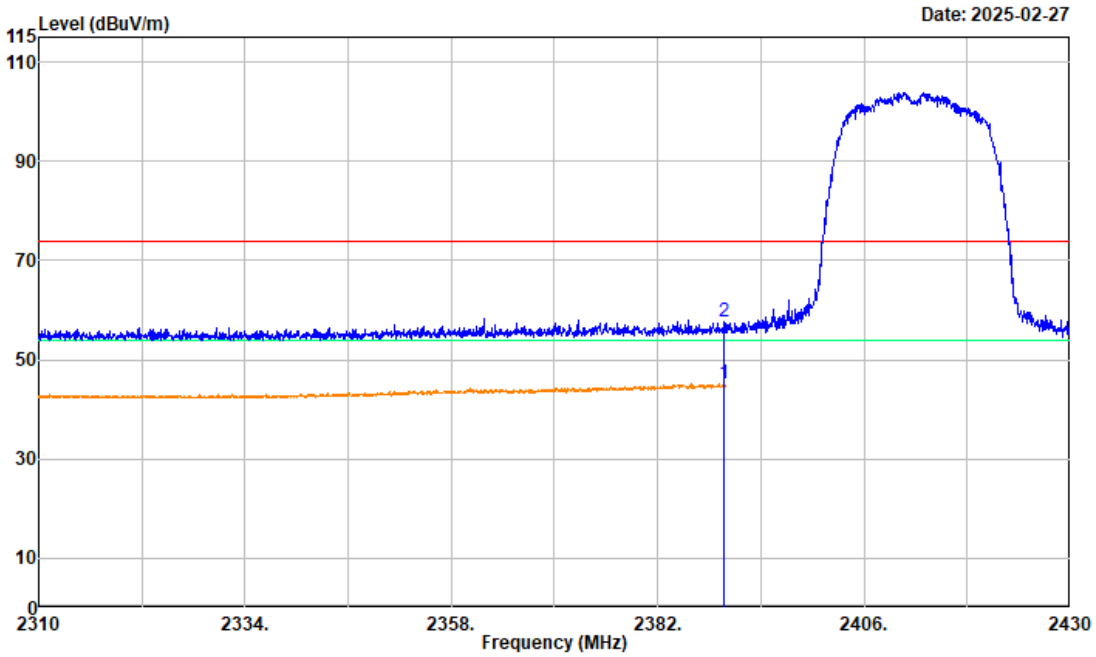


Project No. : 2405A45676E-RF
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 23.8℃/48%R.H./101.2kPa
Tested by : Bard Huang
Polarization : horizontal
Remark : 802.11n20 2412

--No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Over Limit (dB)	Detector
1	2389.500	42.14	7.00	49.14	54.00	-4.86	Average
2	2389.500	57.05	7.00	64.05	74.00	-9.95	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11n20	Channel:	2412MHz

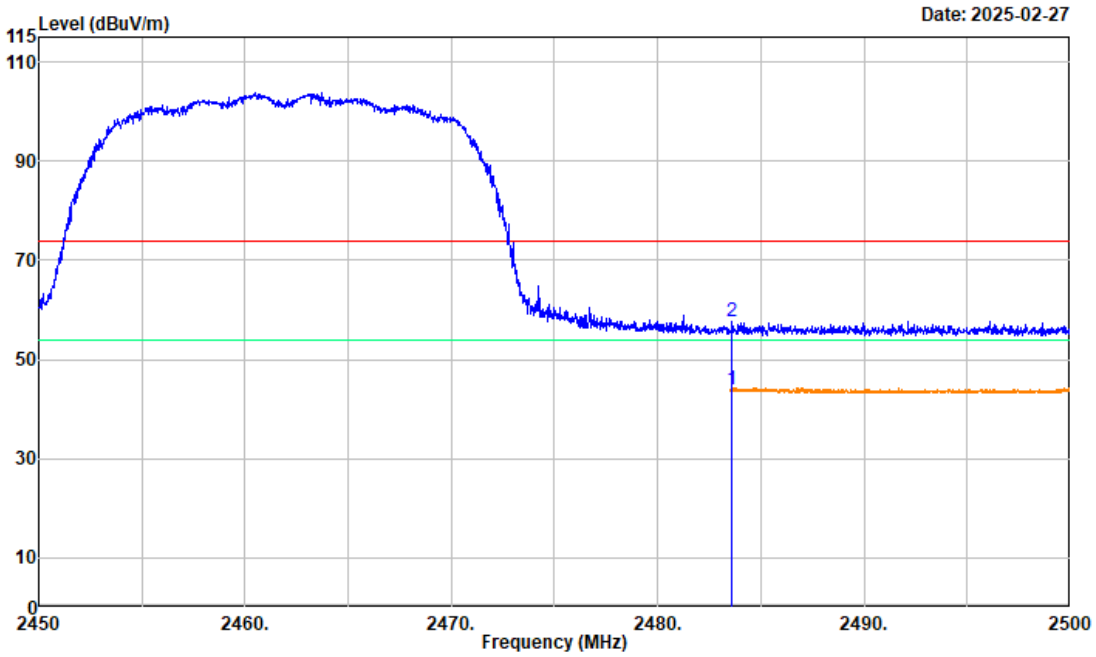


Project No. : 2405A45676E-RF
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 23.8℃/48%R.H./101.2kPa
Tested by : Bard Huang
Polarization : vertical
Remark : 802.11n20 2412

--No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Over Limit (dB)	Detector
1	2389.620	38.06	7.00	45.06	54.00	-8.94	Average
2	2389.620	50.63	7.00	57.63	74.00	-16.37	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11n20	Channel:	2462MHz

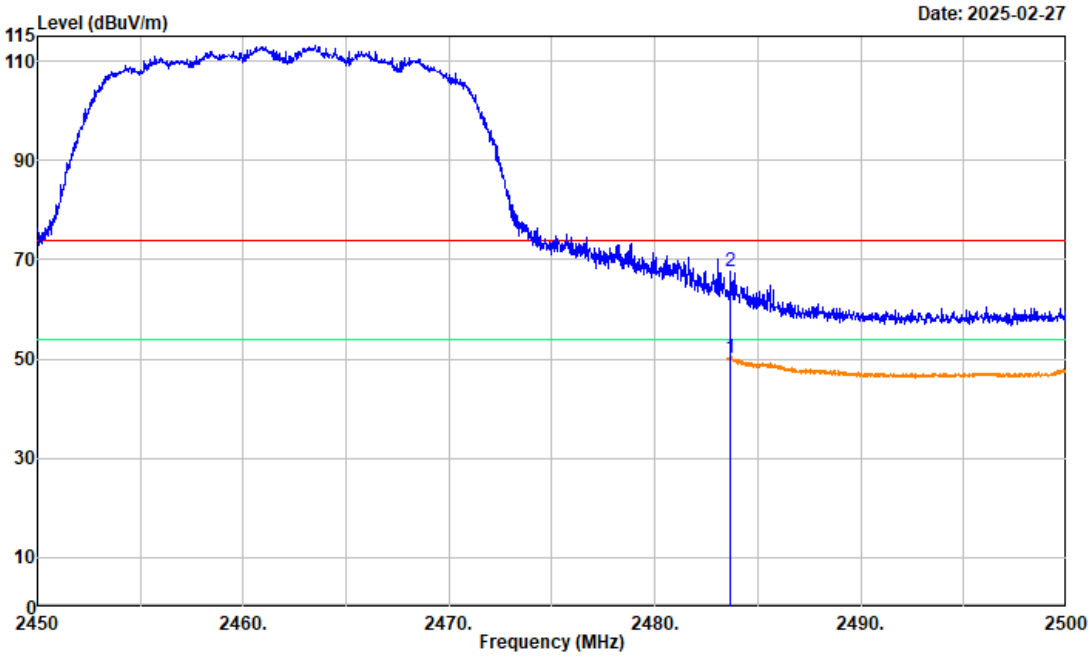


Project No. : 2405A45676E-RF
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 23.8℃/48%R.H./101.2kPa
Tested by : Bard Huang
Polarization : vertical
Remark : 802.11n20 2462

--No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Over Limit (dB)	Detector
1	2483.575	36.83	7.20	44.03	54.00	-9.97	Average
2	2483.575	50.41	7.20	57.61	74.00	-16.39	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11n20	Channel:	2462MHz

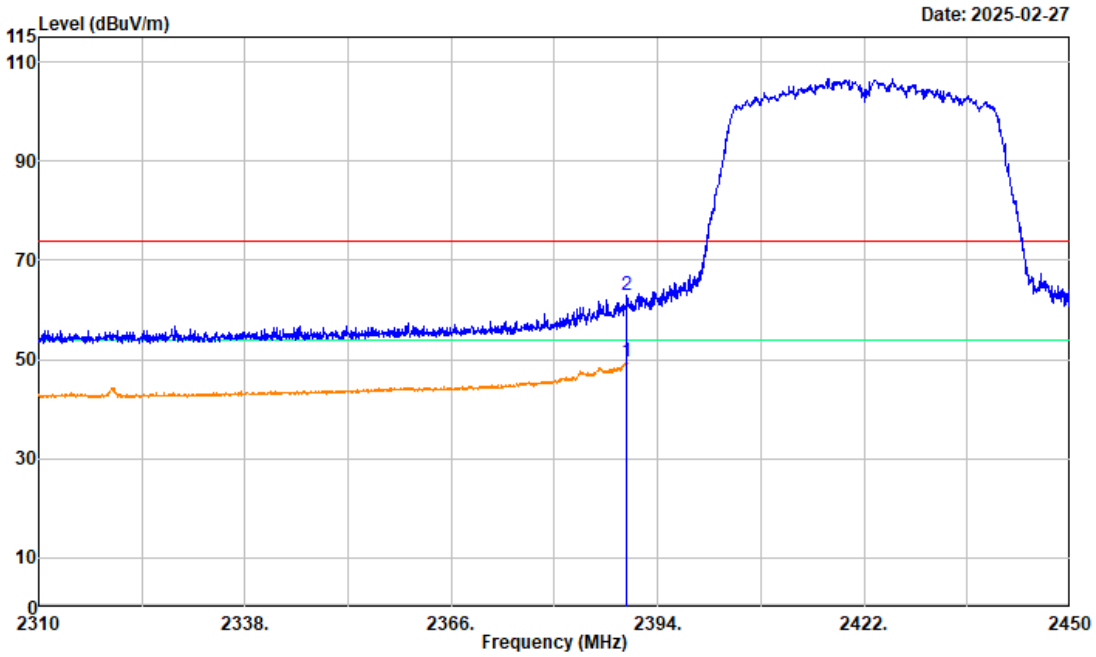


Project No. : 2405A45676E-RF
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 23.8℃/48%R.H./101.2kPa
Tested by : Bard Huang
Polarization : horizontal
Remark : 802.11n20 2462

--No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
1	2483.650	42.83	7.20	50.03	54.00	-3.97	Average
2	2483.650	60.49	7.20	67.69	74.00	-6.31	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11n40	Channel:	2422MHz

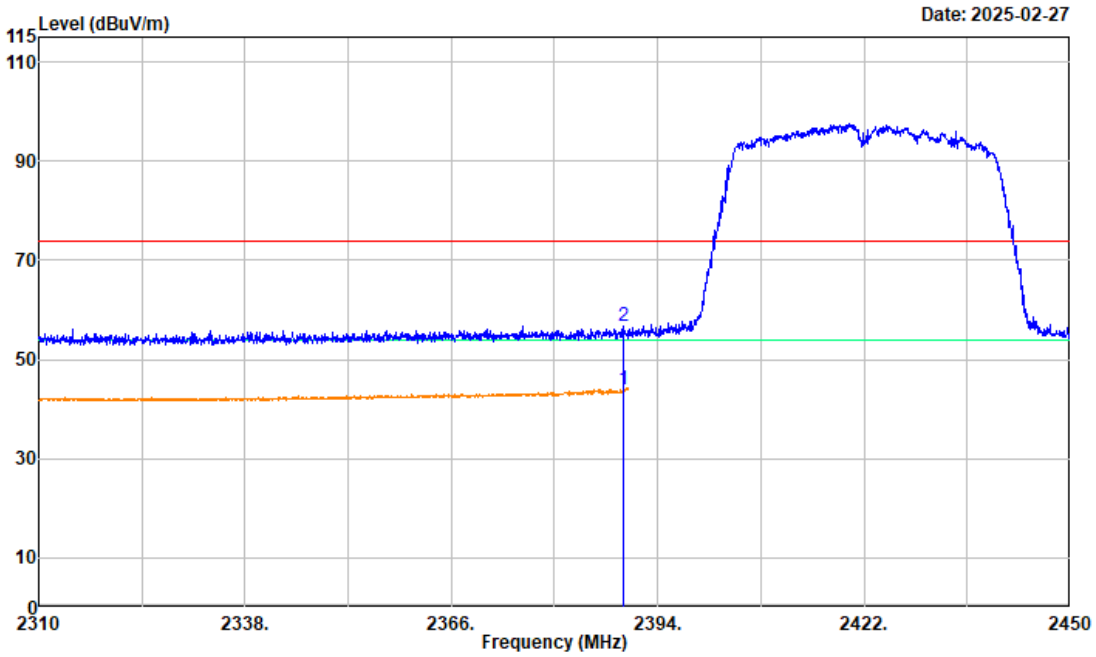


Project No. : 2405A45676E-RF
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 23.8℃/48%R.H./101.2kPa
Tested by : Bard Huang
Polarization : horizontal
Remark : 802.11n40 2422

--No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Over Limit (dB)	Detector
1	2389.800	42.53	7.00	49.53	54.00	-4.47	Average
2	2389.800	55.98	7.00	62.98	74.00	-11.02	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11n40	Channel:	2422MHz

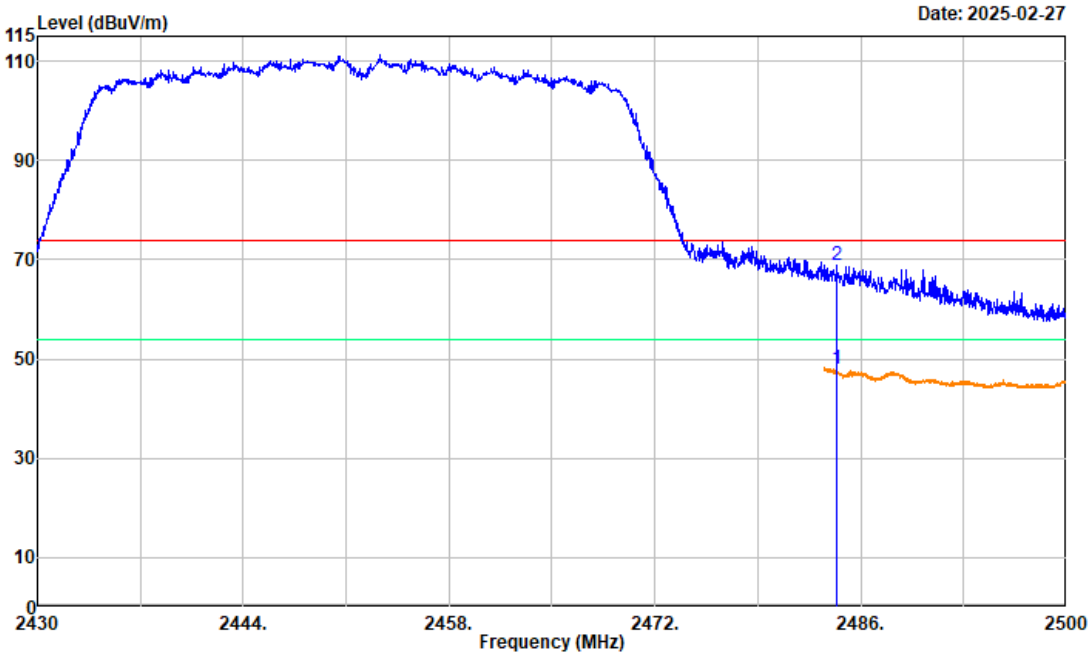


Project No. : 2405A45676E-RF
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 23.8℃/48%R.H./101.2kPa
Tested by : Bard Huang
Polarization : vertical
Remark : 802.11n40 2422

--No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Over Limit (dB)	Detector
1	2389.380	36.85	7.00	43.85	54.00	-10.15	Average
2	2389.380	49.82	7.00	56.82	74.00	-17.18	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11n40	Channel:	2452MHz

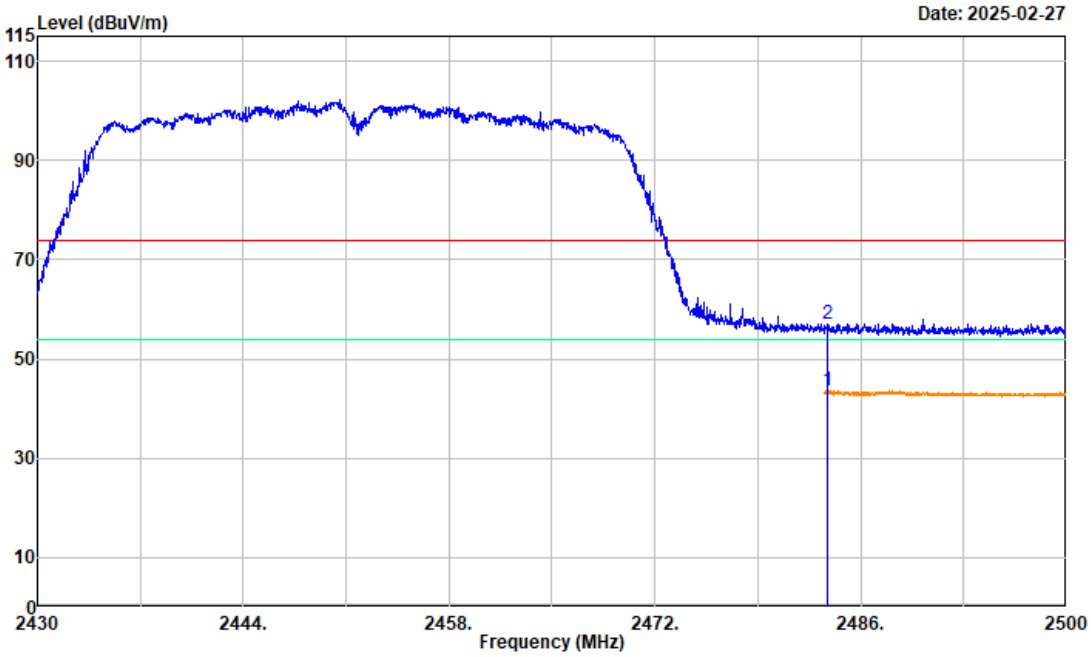


Project No. : 2405A45676E-RF
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 23.8℃/48%R.H./101.2kPa
Tested by : Bard Huang
Polarization : horizontal
Remark : 802.11n40 2452

--No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
1	2484.390	40.68	7.20	47.88	54.00	-6.12	Average
2	2484.390	61.75	7.20	68.95	74.00	-5.05	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11n40	Channel:	2452MHz



Project No. : 2405A45676E-RF
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 23.8℃/48%R.H./101.2kPa
Tested by : Bard Huang
Polarization : vertical
Remark : 802.11n40 2452

--No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
1	2483.725	36.28	7.20	43.48	54.00	-10.52	Average
2	2483.725	49.99	7.20	57.19	74.00	-16.81	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Model: GLH-1108HR

Frequency (MHz)	Reading level (dBμV)	Polar	Corrected Factor (dB/m)	Corrected Amplitude (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
802.11b							
Low Channel							
4824.000	48.12	horizontal	-2.29	45.83	74.00	-28.17	Peak
4824.000	50.10	vertical	-2.29	47.81	74.00	-26.19	Peak
Middle Channel							
4874.000	48.83	horizontal	-1.92	46.91	74.00	-27.09	Peak
4874.000	49.82	vertical	-1.92	47.90	74.00	-26.10	Peak
High Channel							
4924.000	48.33	horizontal	-1.70	46.63	74.00	-27.37	Peak
4924.000	48.93	vertical	-1.70	47.23	74.00	-26.77	Peak
802.11g							
Low Channel							
4824.000	47.47	horizontal	-2.29	45.18	74.00	-28.82	Peak
4824.000	49.23	vertical	-2.29	46.94	74.00	-27.06	Peak
Middle Channel							
4874.000	48.22	horizontal	-1.92	46.30	74.00	-27.70	Peak
4874.000	48.17	vertical	-1.92	46.25	74.00	-27.75	Peak
High Channel							
4924.000	47.78	horizontal	-1.70	46.08	74.00	-27.92	Peak
4924.000	48.47	vertical	-1.70	46.77	74.00	-27.23	Peak
802.11n20							
Low Channel							
4824.000	48.19	horizontal	-2.29	45.90	74.00	-28.10	Peak
4824.000	47.77	vertical	-2.29	45.48	74.00	-28.52	Peak
Middle Channel							
4874.000	47.27	horizontal	-1.92	45.35	74.00	-28.65	Peak
4874.000	48.73	vertical	-1.92	46.81	74.00	-27.19	Peak
High Channel							
4924.000	48.57	horizontal	-1.70	46.87	74.00	-27.13	Peak
4924.000	48.81	vertical	-1.70	47.11	74.00	-26.89	Peak
802.11n40							
Low Channel							

4844.000	48.16	horizontal	-2.17	45.99	74.00	-28.01	Peak
4844.000	49.04	vertical	-2.17	46.87	74.00	-27.13	Peak
Middle Channel							
4874.000	47.76	horizontal	-1.92	45.84	74.00	-28.16	Peak
4874.000	48.70	vertical	-1.92	46.78	74.00	-27.22	Peak
High Channel							
4904.000	48.64	horizontal	-1.71	46.93	74.00	-27.07	Peak
4904.000	49.30	vertical	-1.71	47.59	74.00	-26.41	Peak

Remark:

Corrected Amplitude= Reading level + corrected Factor

Corrected Factor = Antenna factor + Cable loss – Amplifier gain

Margin = Corrected Amplitude – Limit

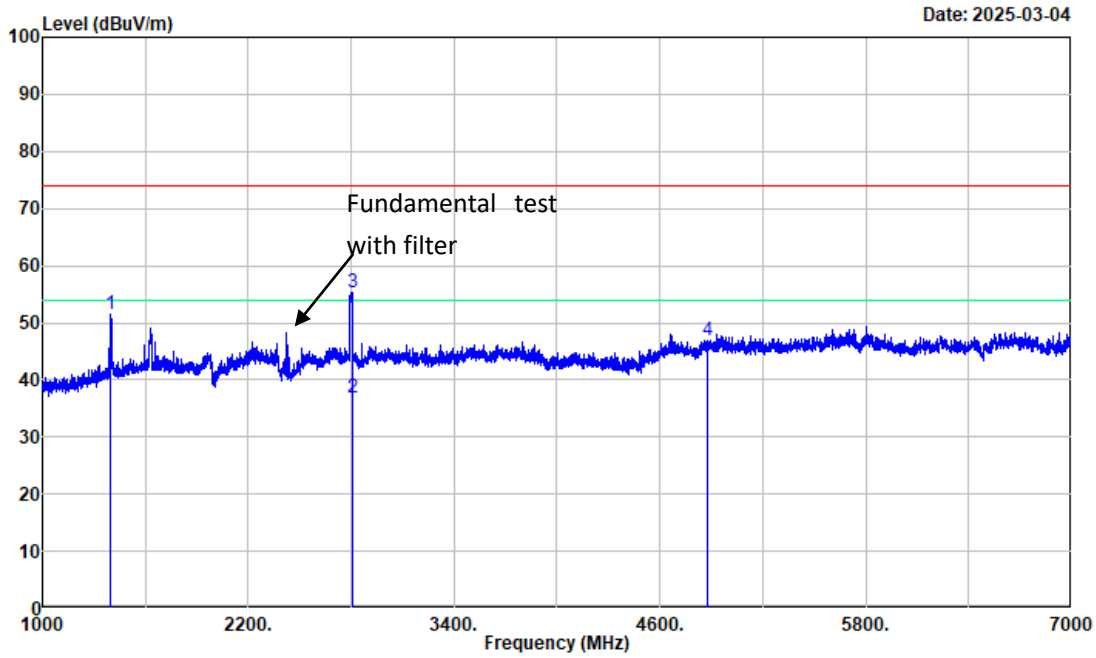
For the test result of Peak below the Peak limit more than 20dB, which can compliance with the average limit, just the Peak level was recorded.

The emission levels of other frequencies that were lower than the limit 20dB not show in test report.

For emissions in 18GHz-25GHz range, all emissions were investigated and in the noise floor level.

Test plot for example as below:

Mode:	802.11b	Channel:	2437MHz

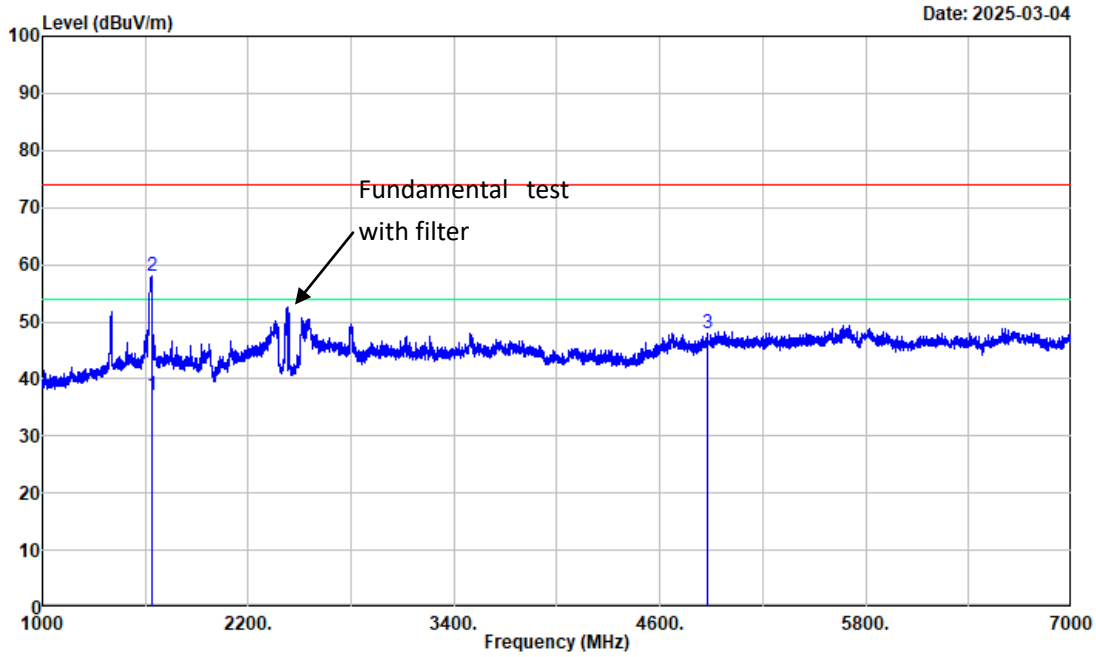


Project No. : 2405A45676E
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 22.8℃/40%R.H./101.0kPa
Tested by : Luke Li
Polarization : horizontal
Remark : 802.11b 2437

--No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Over Limit (dB)	Detector
1	1400.000	56.81	-5.44	51.37	74.00	-22.63	Peak
2	2805.000	39.17	-2.35	36.82	54.00	-17.18	Average
3	2805.000	57.60	-2.35	55.25	74.00	-18.75	Peak
4	4874.000	48.83	-1.92	46.91	74.00	-27.09	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11b	Channel:	2437MHz

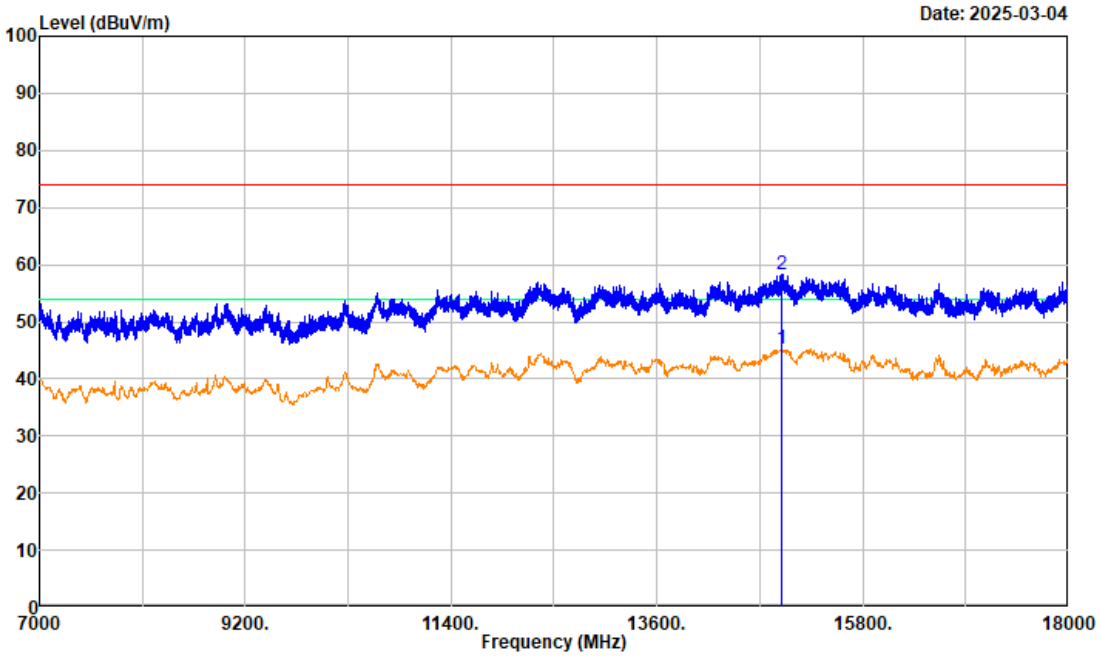


Project No. : 2405A45676E
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 22.8℃/40%R.H./101.0kPa
Tested by : Luke Li
Polarization : vertical
Remark : 802.11b 2437

--No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
1	1636.000	41.13	-3.96	37.17	54.00	-16.83	Average
2	1636.000	62.04	-3.96	58.08	74.00	-15.92	Peak
3	4874.000	49.82	-1.92	47.90	74.00	-26.10	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11b	Channel:	2437MHz

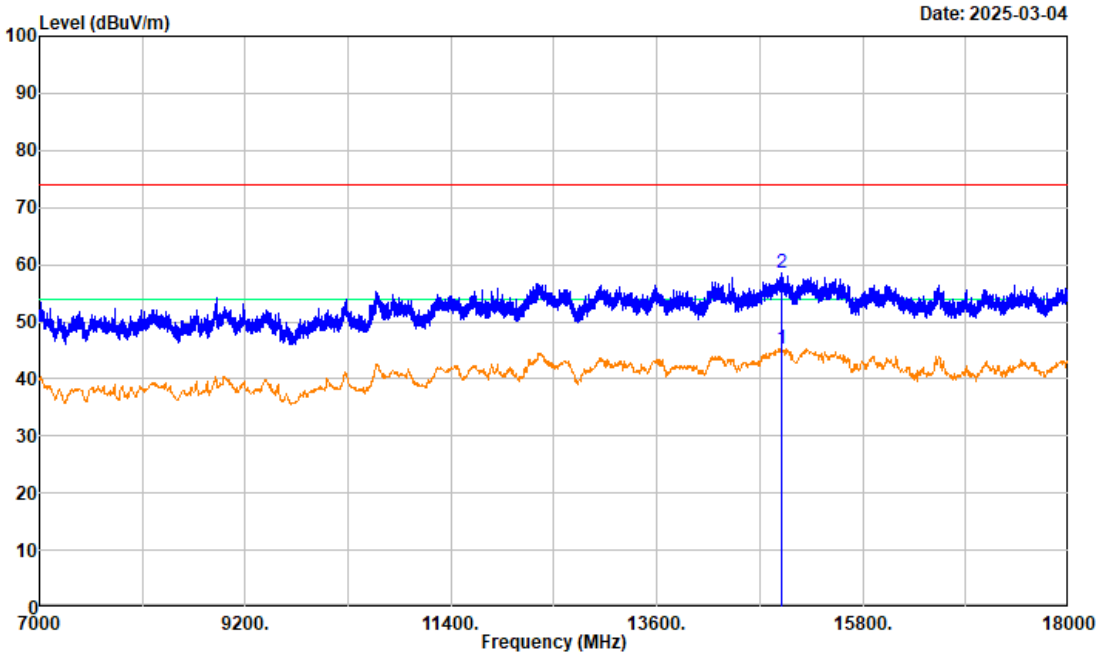


Project No. : 2405A45676E
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 22.8℃/40%R.H./101.0kPa
Tested by : Luke Li
Polarization : horizontal
Remark : 802.11b 2437

--No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
1	14931.000	38.74	6.56	45.30	54.00	-8.70	Average
2	14931.000	51.65	6.56	58.21	74.00	-15.79	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11b	Channel:	2437MHz

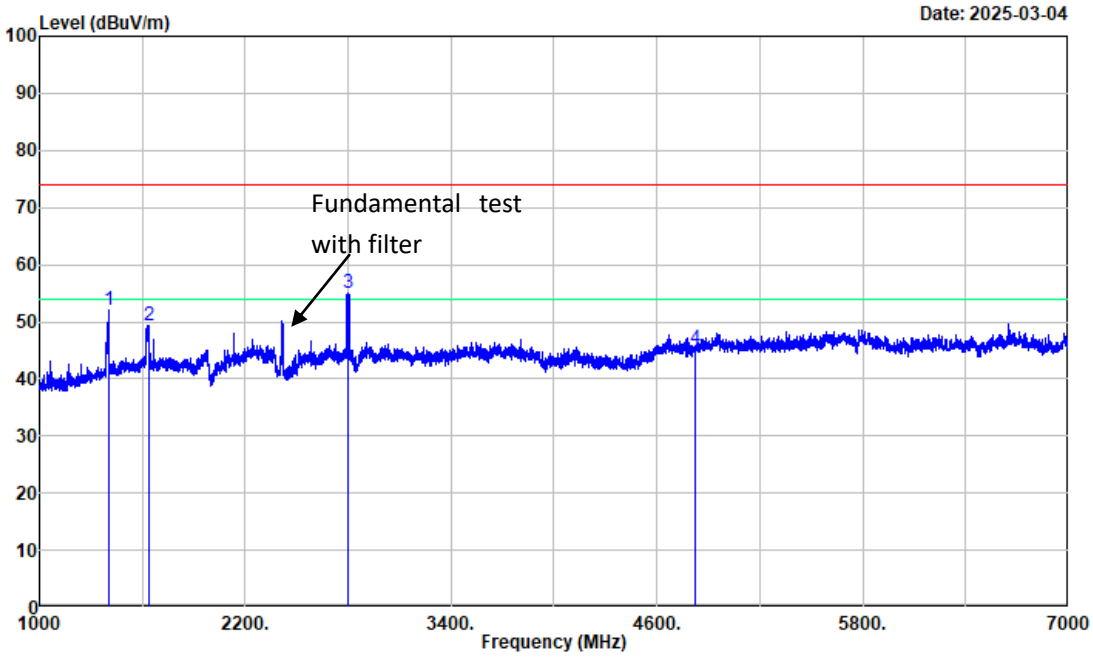


Project No. : 2405A45676E
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 22.8℃/40%R.H./101.0kPa
Tested by : Luke Li
Polarization : vertical
Remark : 802.11b 2437

--No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
1	14934.000	38.74	6.56	45.30	54.00	-8.70	Average
2	14934.000	51.91	6.56	58.47	74.00	-15.53	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11g	Channel:	2412MHz

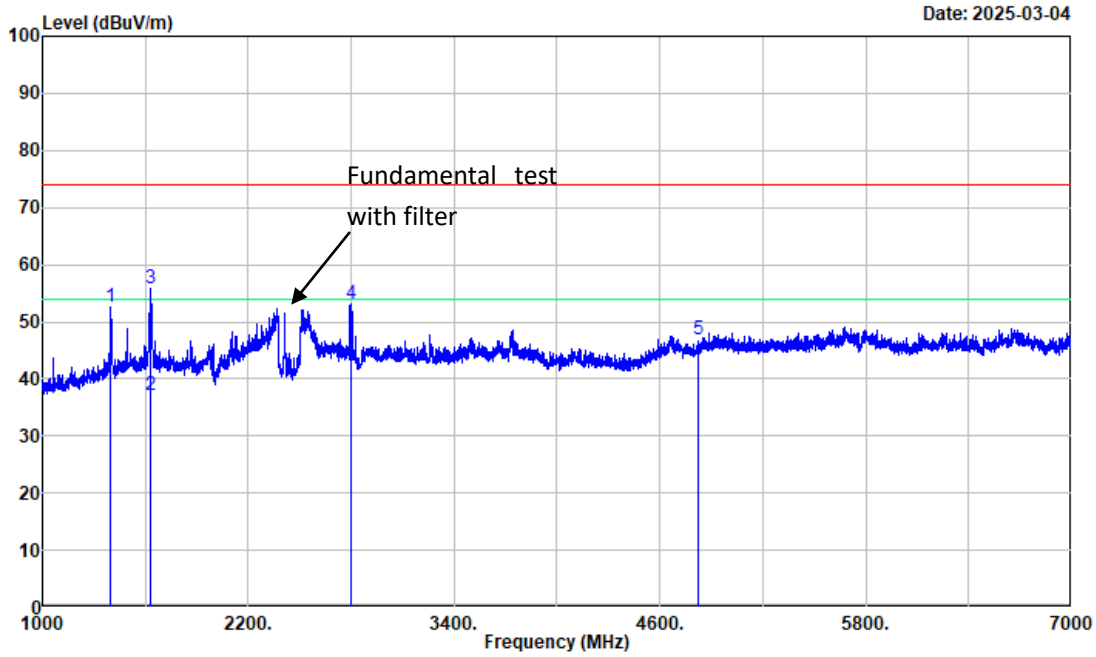


Project No. : 2405A45676E
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 22.8℃/40%R.H./101.0kPa
Tested by : Luke Li
Polarization : horizontal
Remark : 802.11g 2412

--No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Over Limit (dB)	Detector
1	1403.000	57.41	-5.42	51.99	74.00	-22.01	Peak
2	1636.000	53.36	-3.96	49.40	74.00	-24.60	Peak
3	2798.000	57.32	-2.34	54.98	74.00	-19.02	Peak
4	4824.000	47.47	-2.29	45.18	74.00	-28.82	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11g	Channel:	2412MHz

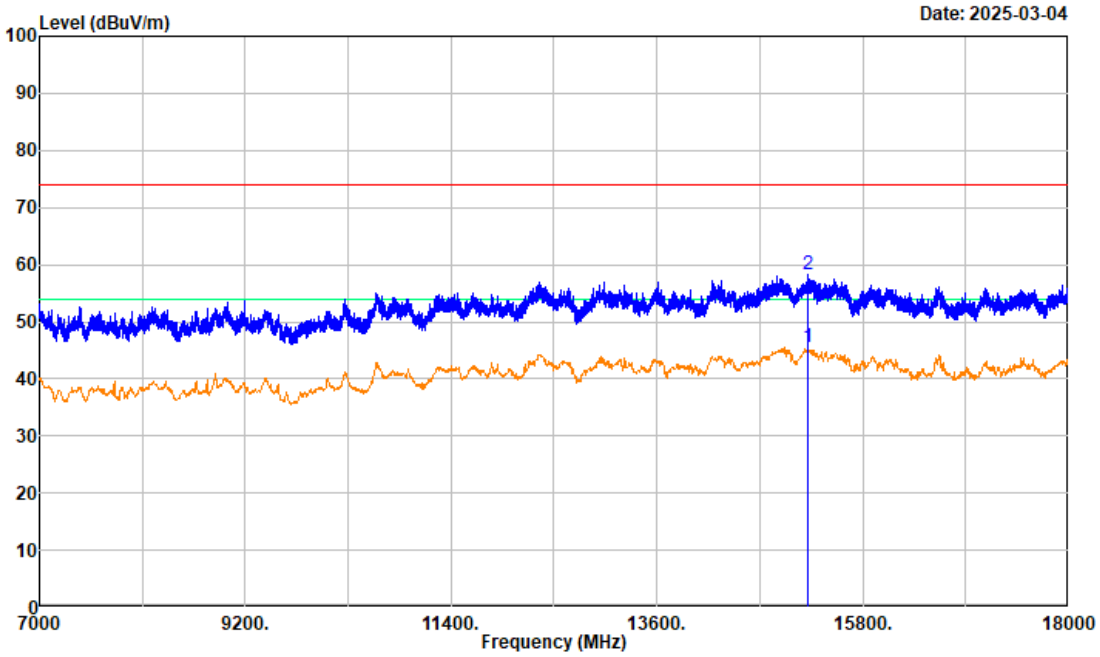


Project No. : 2405A45676E
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 22.8℃/40%R.H./101.0kPa
Tested by : Luke Li
Polarization : vertical
Remark : 802.11g 2412

--No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
1	1399.000	58.10	-5.45	52.65	74.00	-21.35	Peak
2	1633.000	41.06	-3.98	37.08	54.00	-16.92	Average
3	1633.000	59.72	-3.98	55.74	74.00	-18.26	Peak
4	2795.000	55.37	-2.34	53.03	74.00	-20.97	Peak
5	4824.000	49.23	-2.29	46.94	74.00	-27.06	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11g	Channel:	2412MHz

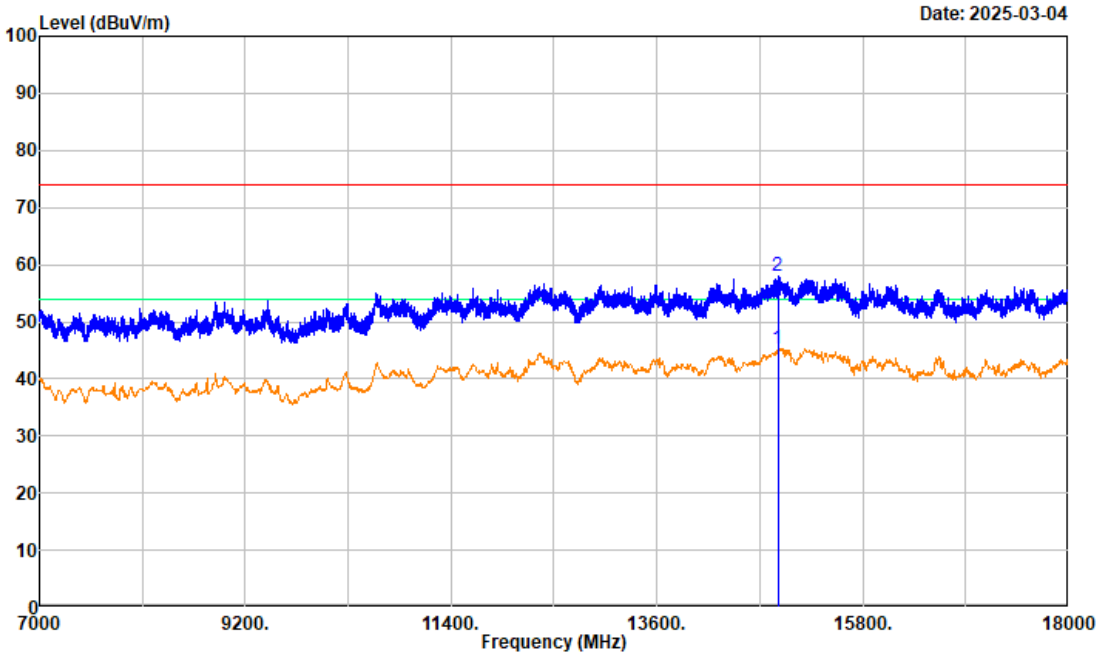


Project No. : 2405A45676E
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 22.8℃/40%R.H./101.0kPa
Tested by : Luke Li
Polarization : horizontal
Remark : 802.11g 2412

--No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
1	15216.000	39.16	6.27	45.43	54.00	-8.57	Average
2	15216.000	52.07	6.27	58.34	74.00	-15.66	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11g	Channel:	2412MHz

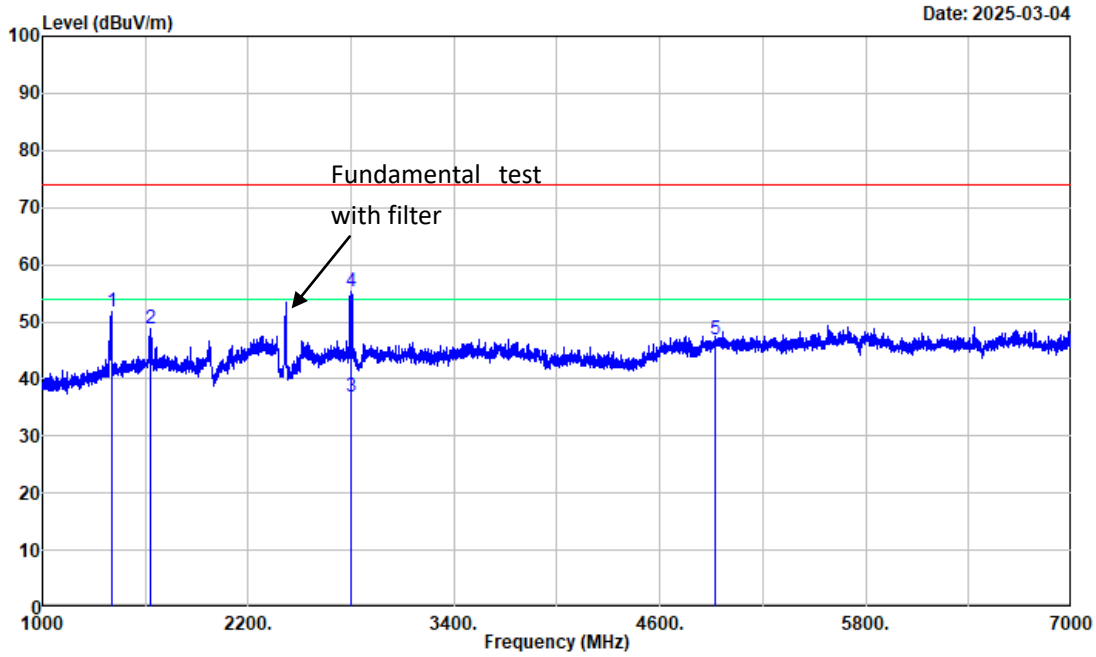


Project No. : 2405A45676E
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 22.8℃/40%R.H./101.0kPa
Tested by : Luke Li
Polarization : vertical
Remark : 802.11g 2412

--No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
1	14892.000	38.71	6.53	45.24	54.00	-8.76	Average
2	14892.000	51.48	6.53	58.01	74.00	-15.99	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11n20	Channel:	2462MHz

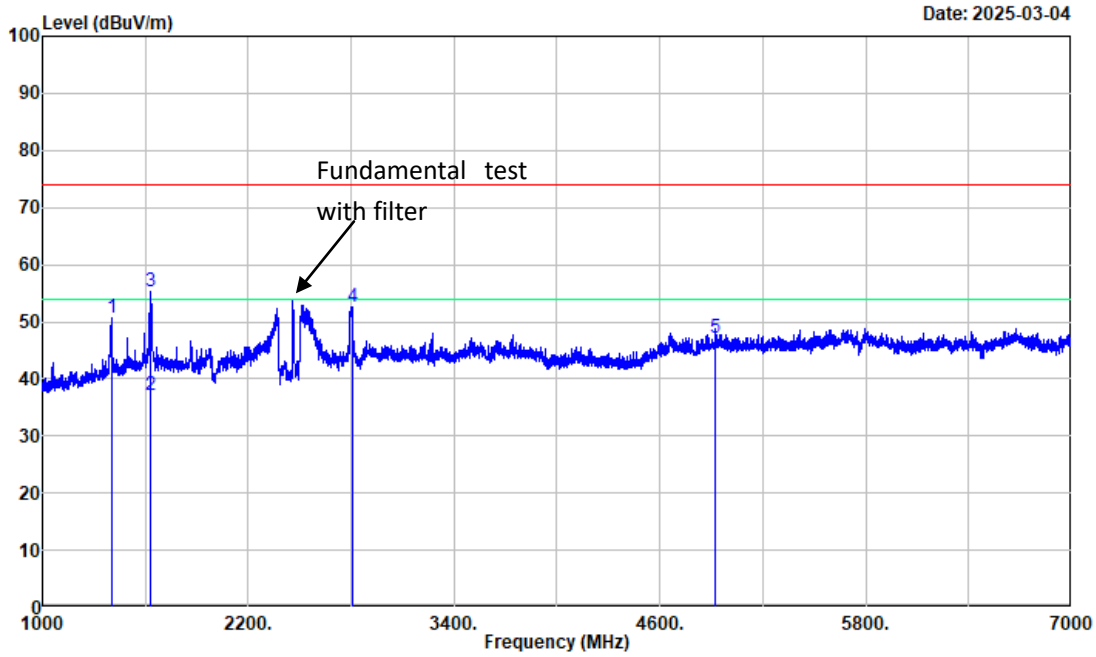


Project No. : 2405A45676E
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 22.8℃/40%R.H./101.0kPa
Tested by : Luke Li
Polarization : horizontal
Remark : 802.11n20 2462

--No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
1	1401.000	57.07	-5.43	51.64	74.00	-22.36	Peak
2	1628.000	52.87	-4.01	48.86	74.00	-25.14	Peak
3	2795.000	39.26	-2.34	36.92	54.00	-17.08	Average
4	2795.000	57.74	-2.34	55.40	74.00	-18.60	Peak
5	4924.000	48.57	-1.70	46.87	74.00	-27.13	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11n20	Channel:	2462MHz

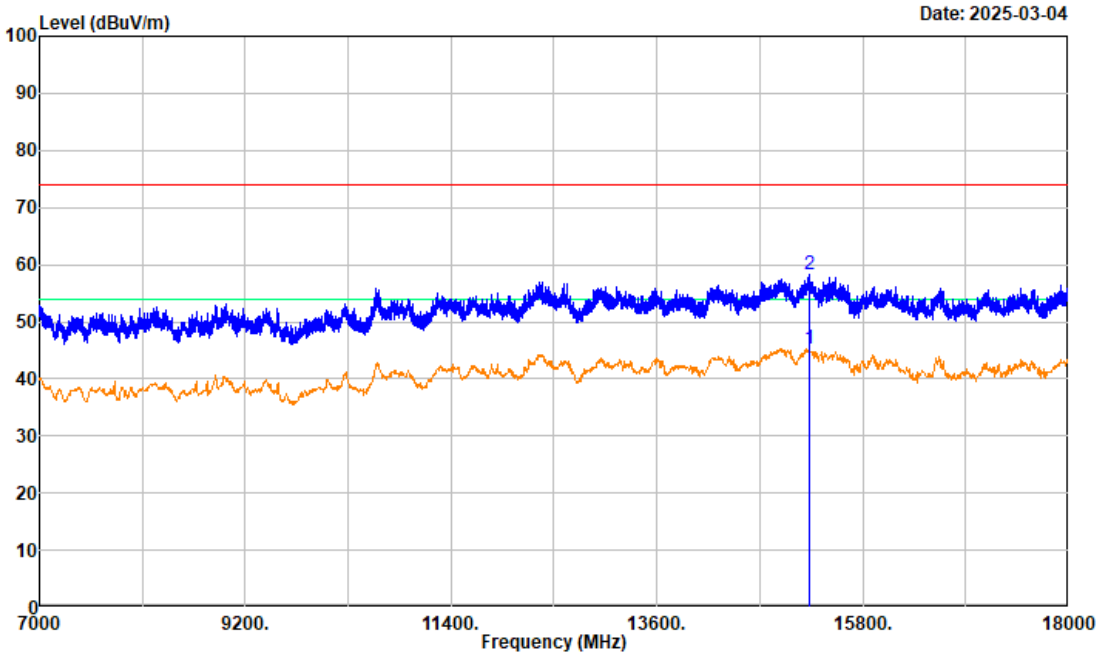


Project No. : 2405A45676E
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 22.8℃/40%R.H./101.0kPa
Tested by : Luke Li
Polarization : vertical
Remark : 802.11n20 2462

--No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Over Limit (dB)	Detector
1	1402.000	56.17	-5.43	50.74	74.00	-23.26	Peak
2	1633.000	41.14	-3.98	37.16	54.00	-16.84	Average
3	1633.000	59.14	-3.98	55.16	74.00	-18.84	Peak
4	2805.000	54.90	-2.35	52.55	74.00	-21.45	Peak
5	4924.000	48.81	-1.70	47.11	74.00	-26.89	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11n20	Channel:	2462MHz

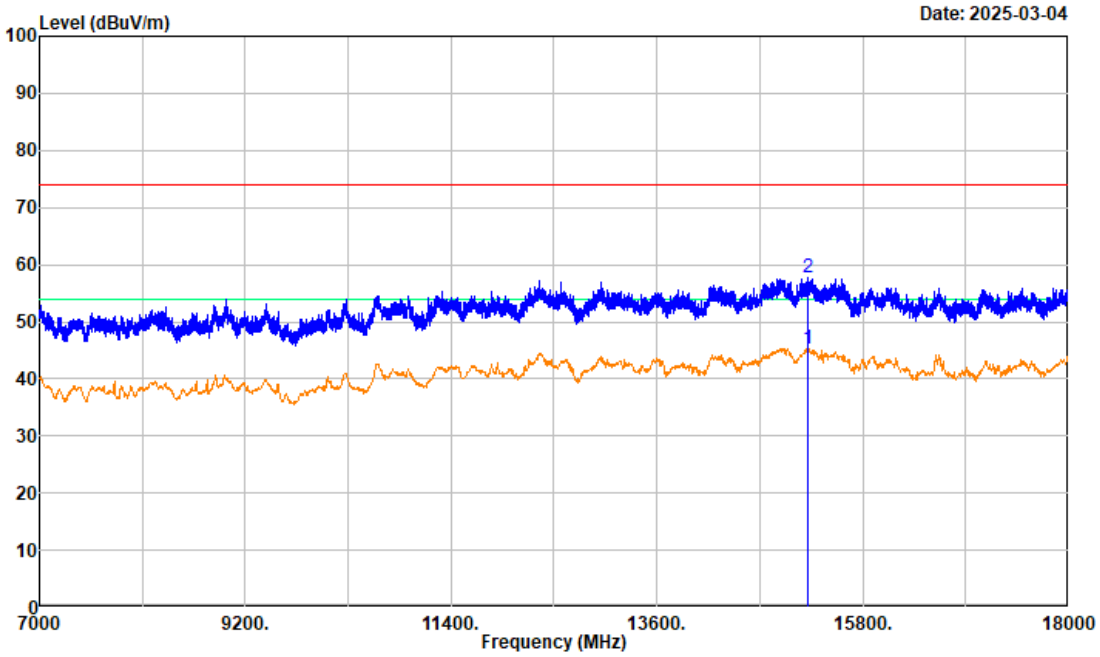


Project No. : 2405A45676E
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 22.8℃/40%R.H./101.0kPa
Tested by : Luke Li
Polarization : horizontal
Remark : 802.11n20 2462

--No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
1	15228.000	39.02	6.26	45.28	54.00	-8.72	Average
2	15228.000	52.13	6.26	58.39	74.00	-15.61	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11n20	Channel:	2462MHz

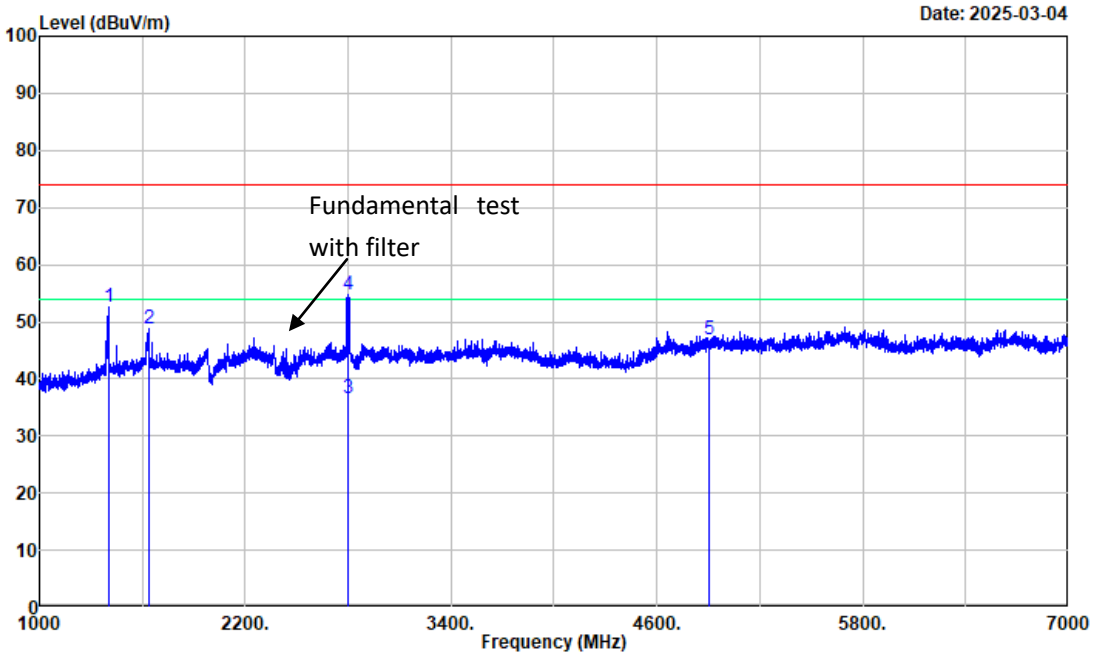


Project No. : 2405A45676E
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 22.8℃/40%R.H./101.0kPa
Tested by : Luke Li
Polarization : vertical
Remark : 802.11n20 2462

--No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
1	15220.000	39.11	6.27	45.38	54.00	-8.62	Average
2	15220.000	51.43	6.27	57.70	74.00	-16.30	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11n40	Channel:	2452MHz

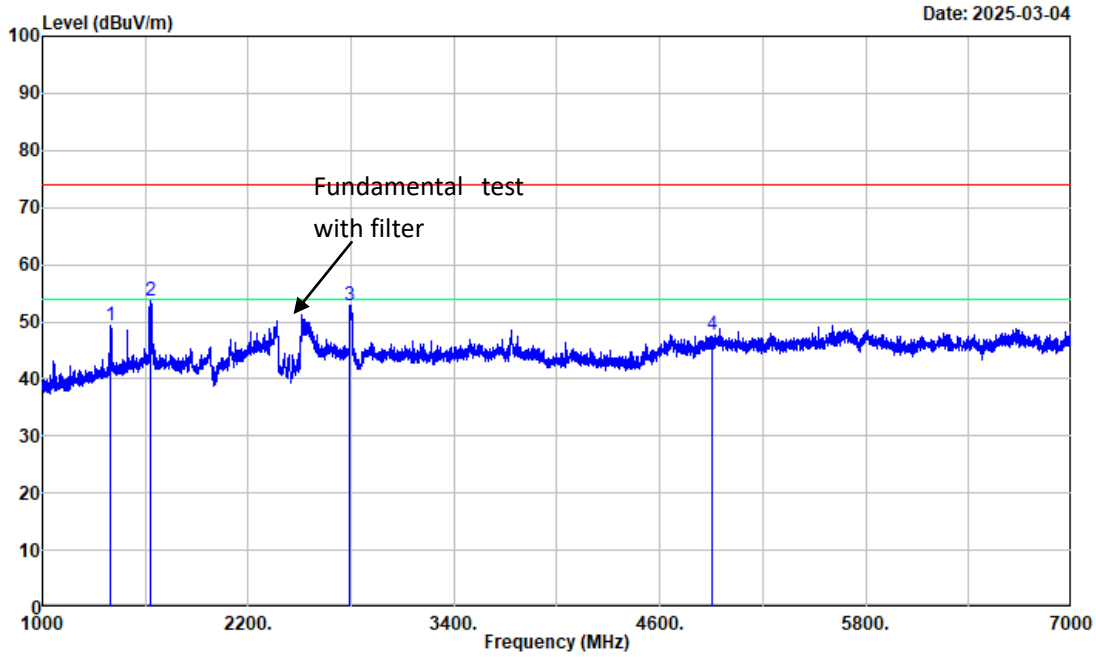


Project No. : 2405A45676E
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 22.8℃/40%R.H./101.0kPa
Tested by : Luke Li
Polarization : horizontal
Remark : 802.11n40 2452

--No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
1	1402.000	57.98	-5.43	52.55	74.00	-21.45	Peak
2	1636.000	52.68	-3.96	48.72	74.00	-25.28	Peak
3	2802.000	39.02	-2.34	36.68	54.00	-17.32	Average
4	2802.000	56.99	-2.34	54.65	74.00	-19.35	Peak
5	4904.000	48.64	-1.71	46.93	74.00	-27.07	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11n40	Channel:	2452MHz

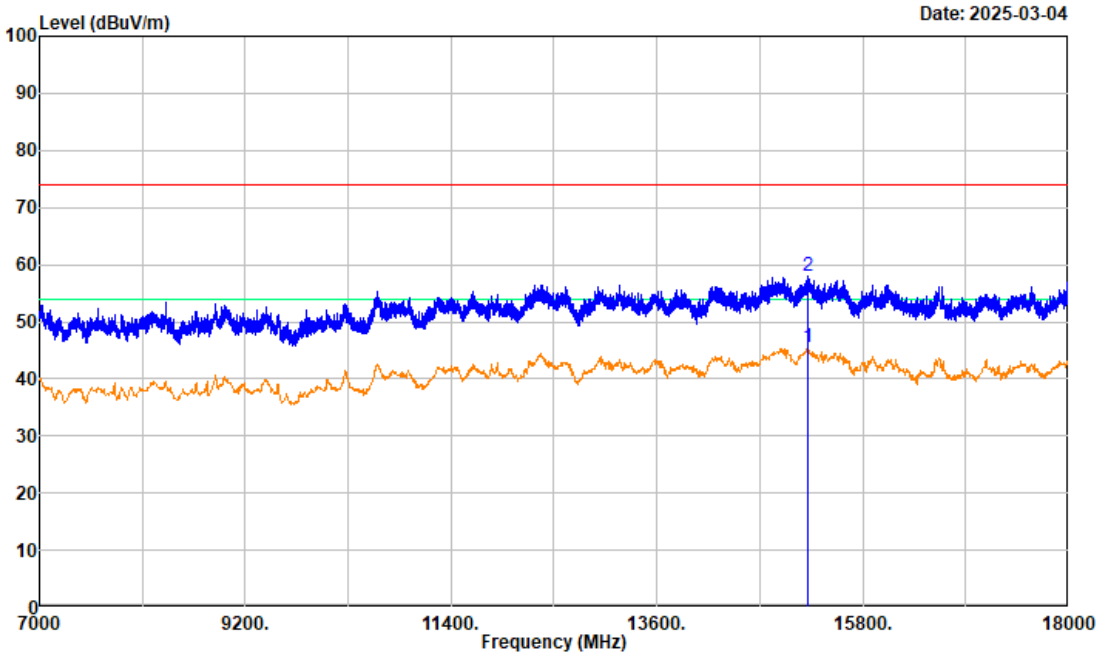


Project No. : 2405A45676E
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 22.8℃/40%R.H./101.0kPa
Tested by : Luke Li
Polarization : vertical
Remark : 802.11n40 2452

--No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Over Limit (dB)	Detector
1	1397.000	54.90	-5.47	49.43	74.00	-24.57	Peak
2	1626.000	57.69	-4.03	53.66	74.00	-20.34	Peak
3	2793.000	55.14	-2.34	52.80	74.00	-21.20	Peak
4	4904.000	49.30	-1.71	47.59	74.00	-26.41	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11n40	Channel:	2452MHz

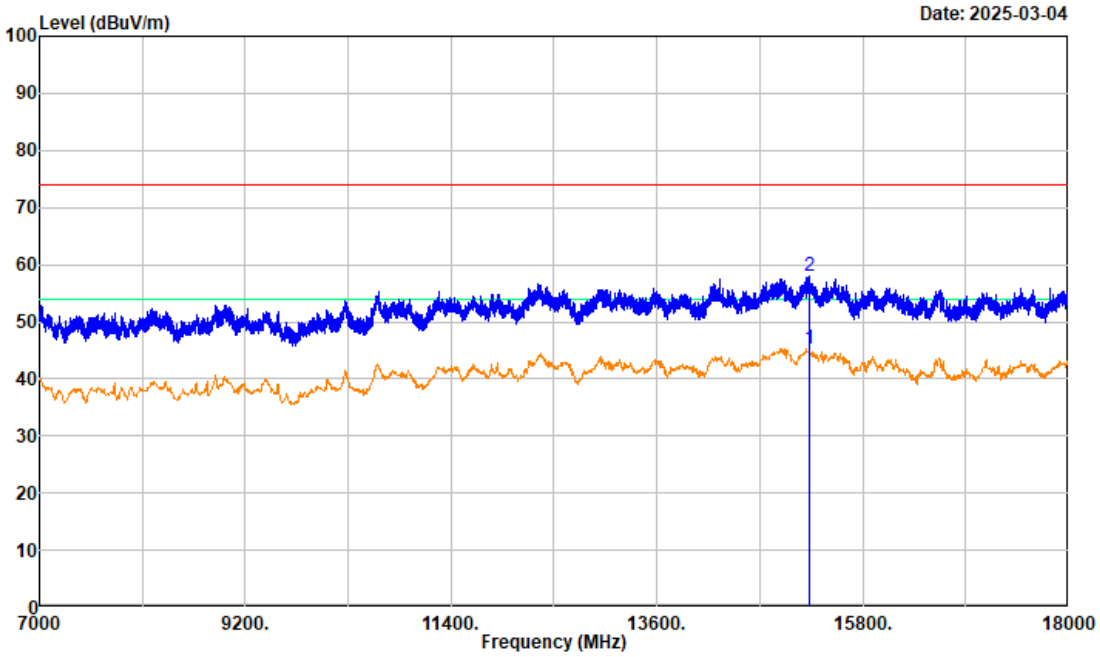


Project No. : 2405A45676E
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 22.8℃/40%R.H./101.0kPa
Tested by : Luke Li
Polarization : horizontal
Remark : 802.11n40 2452

--No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Over Limit (dB)	Detector
1	15221.000	39.14	6.27	45.41	54.00	-8.59	Average
2	15221.000	51.59	6.27	57.86	74.00	-16.14	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11n40	Channel:	2452MHz

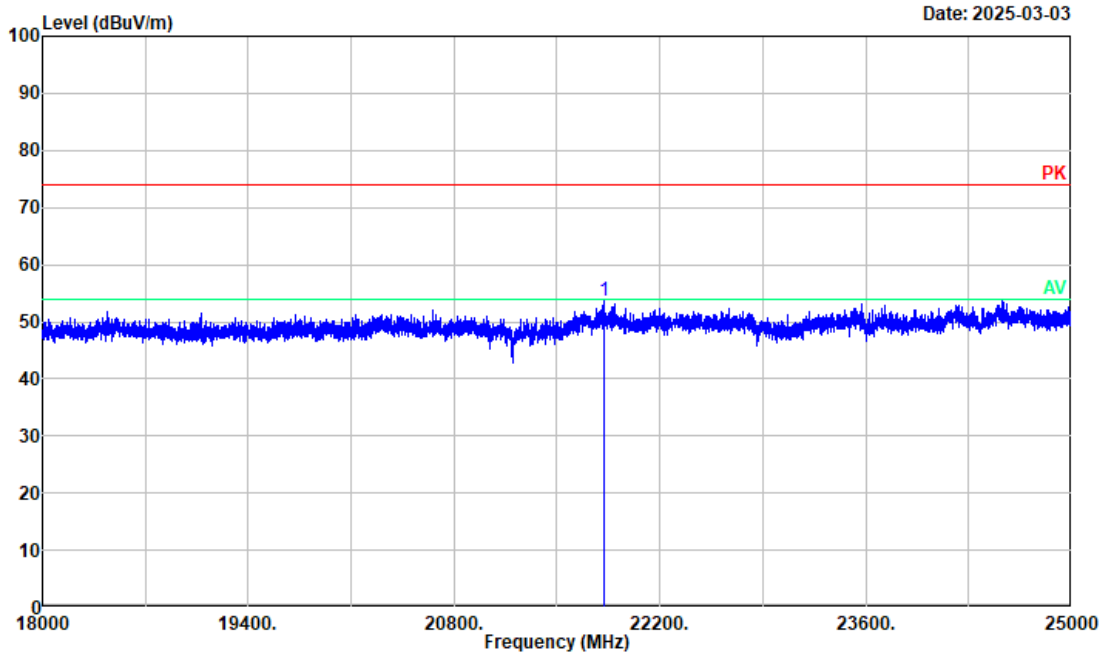


Project No. : 2405A45676E
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 22.8℃/40%R.H./101.0kPa
Tested by : Luke Li
Polarization : vertical
Remark : 802.11n40 2452

--No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
1	15236.000	39.10	6.25	45.35	54.00	-8.65	Average
2	15236.000	51.85	6.25	58.10	74.00	-15.90	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11g	Channel:	2462MHz

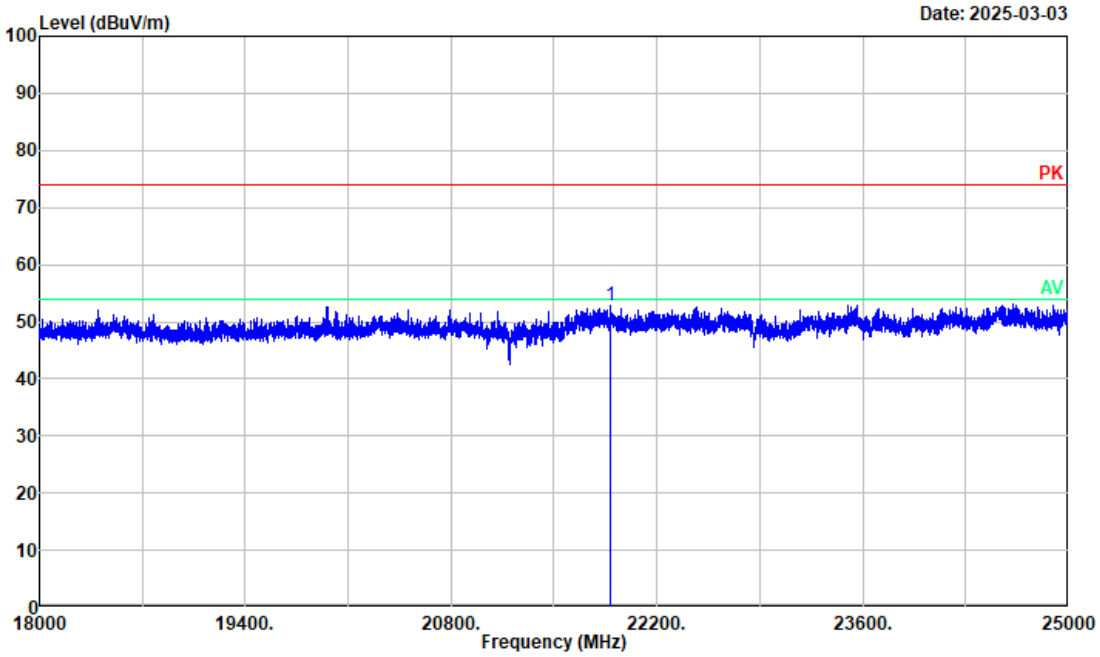


Project No. : 2405A45676E-RF
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 23.2℃/74%R.H./100.3kPa
Tested by : Bard Huang
Polarization : horizontal
Remark : 2.4G Wifi

--No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Over Limit (dB)	Detector
1	21821.000	56.82	-3.18	53.64	74.00	-20.36	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain - Distance extrapolate factor
Distance extrapolate factor = 20*log(specified distance/measured distance)
Specified distance = 3 meters, measured distance = 1.5 meters
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11g	Channel:	2462MHz



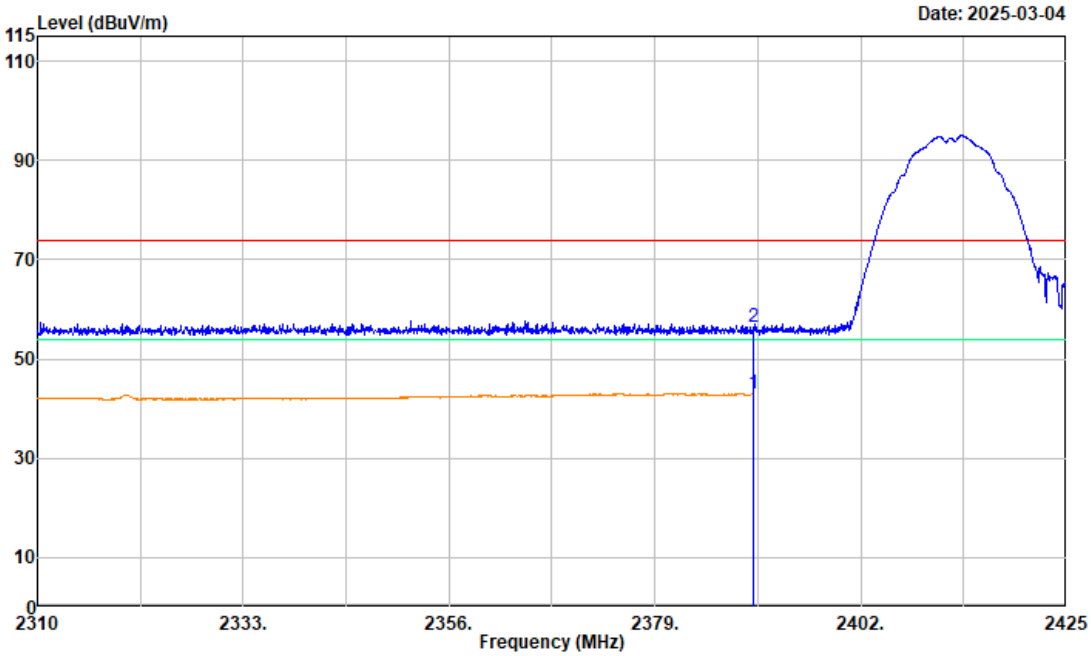
Project No. : 2405A45676E-RF
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 23.2℃/74%R.H./100.3kPa
Tested by : Bard Huang
Polarization : vertical
Remark : 2.4G Wifi

--No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Over Limit (dB)	Detector
1	21885.000	55.88	-3.09	52.79	74.00	-21.21	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain - Distance extrapolate factor
Distance extrapolate factor = 20*log(specified distance/measured distance)
Specified distance = 3 meters, measured distance = 1.5 meters
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Radiated Band edge:

Mode:	802.11b	Channel:	2412MHz



Project No. : 2405A45676E
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 22.8℃/40%R.H./101.0kPa
Tested by : Luke Li
Polarization : horizontal
Remark : 802.11b 2412

--No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Over Limit (dB)	Detector
1	2390.000	35.97	7.00	42.97	54.00	-11.03	Average
2	2390.000	49.37	7.00	56.37	74.00	-17.63	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/10Hz , DET: PK

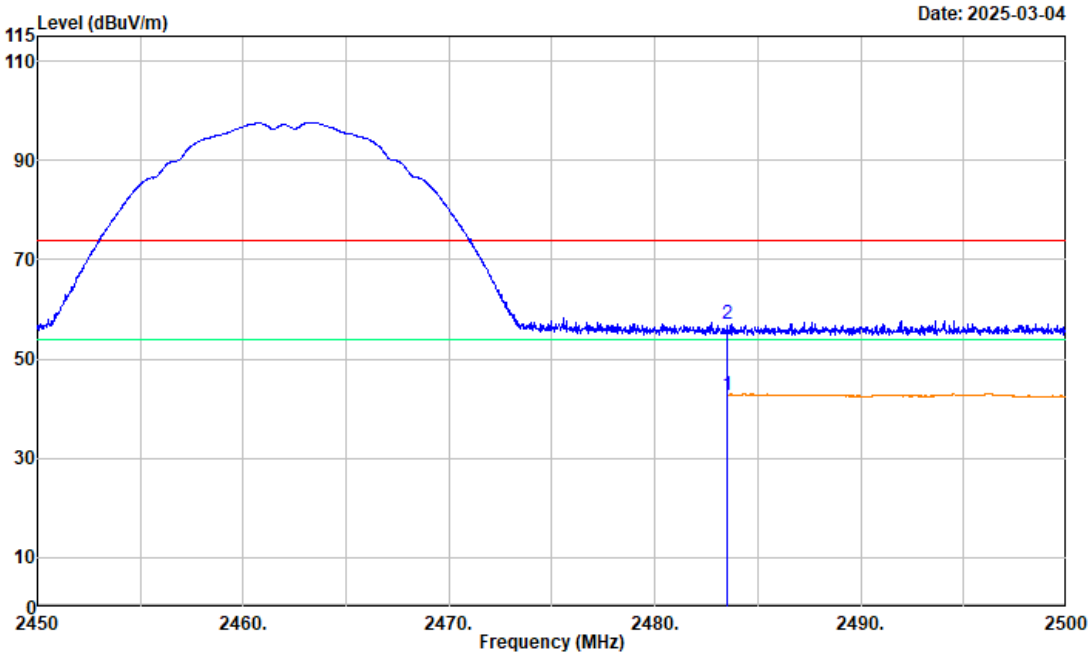
Mode:	802.11b	Channel:	2412MHz

Project No. : 2405A45676E
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 22.8℃/40%R.H./101.0kPa
Tested by : Luke Li
Polarization : vertical
Remark : 802.11b 2412

--No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Over Limit (dB)	Detector
1	2319.837	42.13	6.86	48.99	54.00	-5.01	Average
2	2319.837	51.05	6.86	57.91	74.00	-16.09	Peak
3	2375.065	42.14	6.99	49.13	54.00	-4.87	Average
4	2375.065	52.40	6.99	59.39	74.00	-14.61	Peak
5	2390.000	41.19	7.00	48.19	54.00	-5.81	Average
6	2390.000	52.23	7.00	59.23	74.00	-14.77	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/10Hz , DET: PK

Mode:	802.11b	Channel:	2462MHz

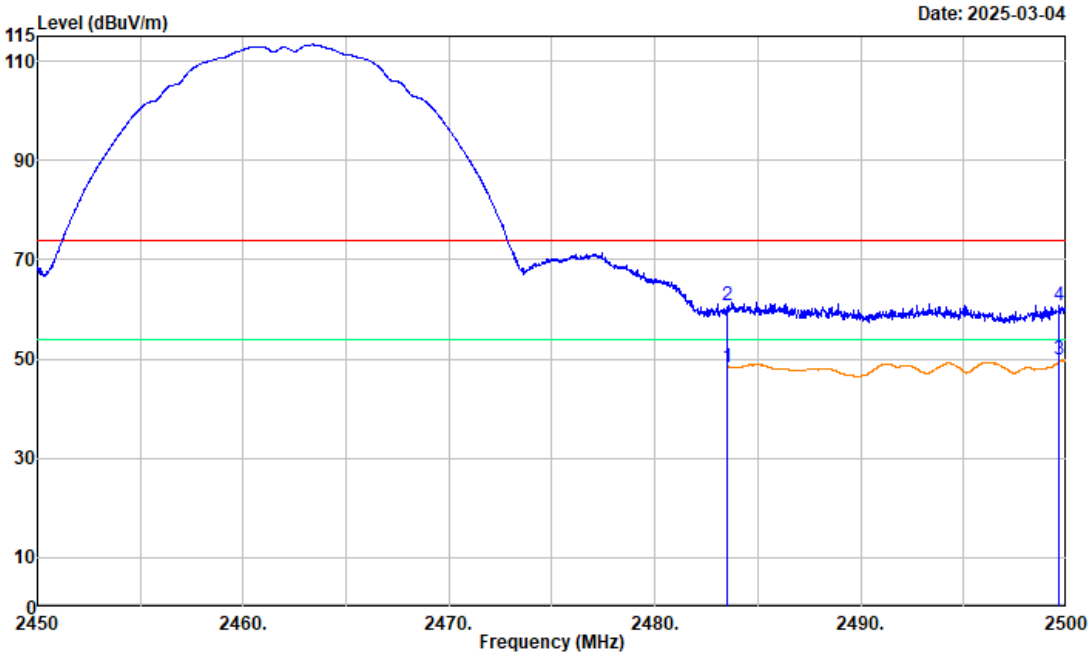


Project No. : 2405A45676E
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 22.8℃/40%R.H./101.0kPa
Tested by : Luke Li
Polarization : horizontal
Remark : 802.11b 2462

--No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Over Limit (dB)	Detector
1	2483.500	35.63	7.20	42.83	54.00	-11.17	Average
2	2483.500	49.89	7.20	57.09	74.00	-16.91	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/10Hz , DET: PK

Mode:	802.11b	Channel:	2462MHz

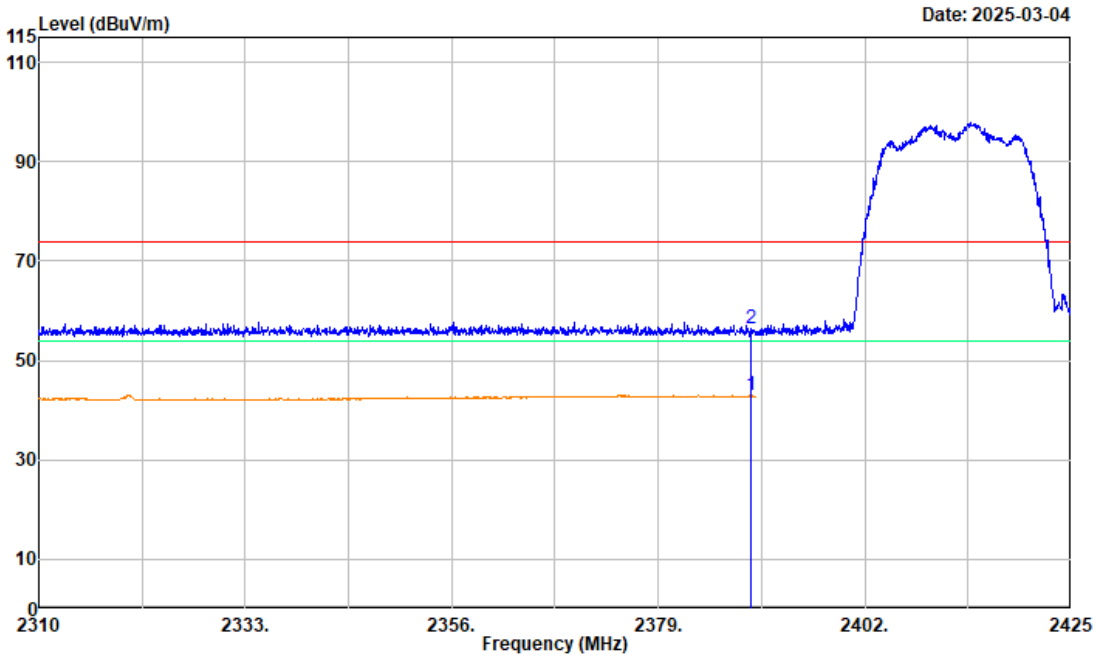


Project No. : 2405A45676E
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 22.8℃/40%R.H./101.0kPa
Tested by : Luke Li
Polarization : vertical
Remark : 802.11b 2462

--No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Over Limit (dB)	Detector
1	2483.500	41.25	7.20	48.45	54.00	-5.55	Average
2	2483.500	53.67	7.20	60.87	74.00	-13.13	Peak
3	2499.650	42.51	7.25	49.76	54.00	-4.24	Average
4	2499.650	53.42	7.25	60.67	74.00	-13.33	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/10Hz , DET: PK

Mode:	802.11g	Channel:	2412MHz

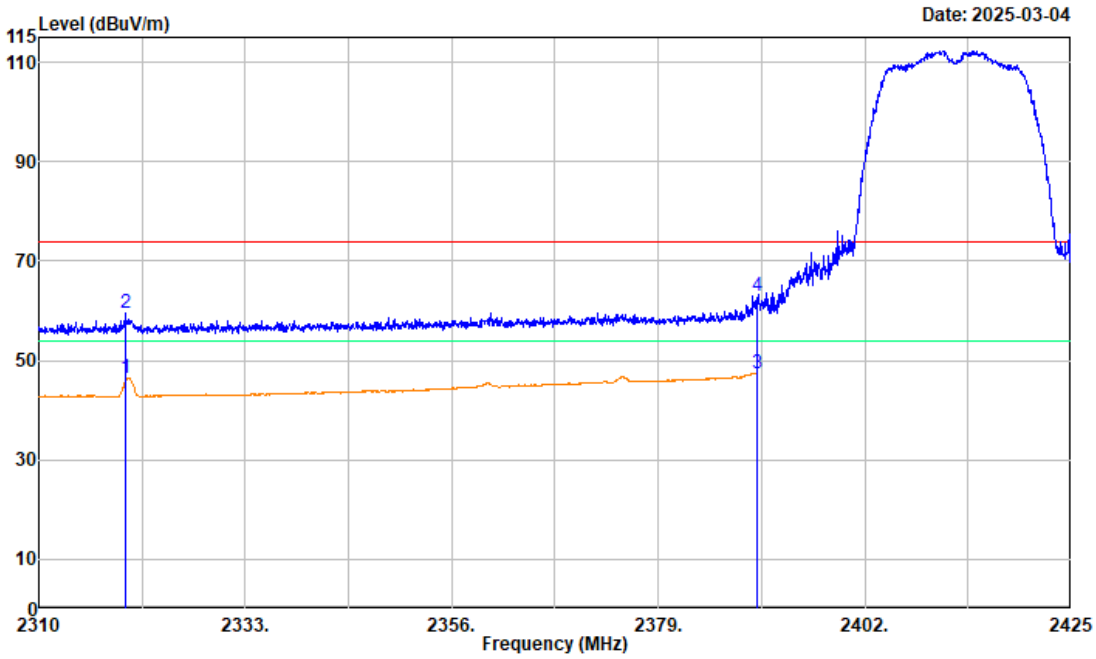


Project No. : 2405A45676E
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 22.8℃/40%R.H./101.0kPa
Tested by : Luke Li
Polarization : horizontal
Remark : 802.11g 2412

--No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Over Limit (dB)	Detector
1	2389.332	35.88	7.00	42.88	54.00	-11.12	Average
2	2389.332	49.33	7.00	56.33	74.00	-17.67	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/10Hz , DET: PK

Mode:	802.11g	Channel:	2412MHz

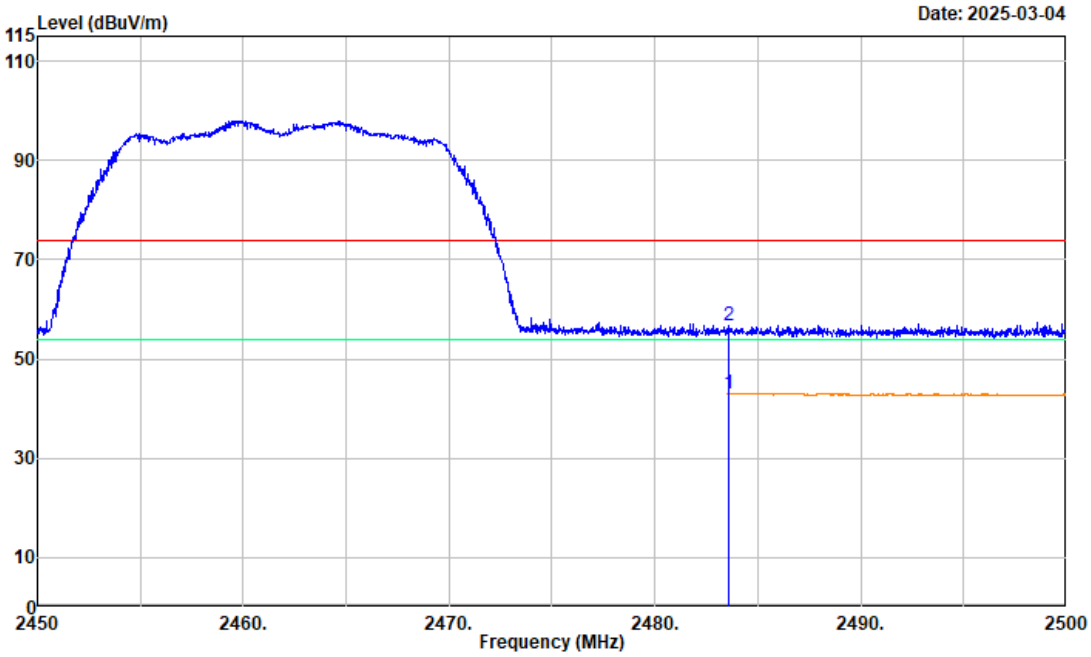


Project No. : 2405A45676E
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 22.8℃/40%R.H./101.0kPa
Tested by : Luke Li
Polarization : vertical
Remark : 802.11g 2412

--No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Over Limit (dB)	Detector
1	2319.665	39.65	6.86	46.51	54.00	-7.49	Average
2	2319.665	52.75	6.86	59.61	74.00	-14.39	Peak
3	2390.000	40.46	7.00	47.46	54.00	-6.54	Average
4	2390.000	55.81	7.00	62.81	74.00	-11.19	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/10Hz , DET: PK

Mode:	802.11g	Channel:	2462MHz

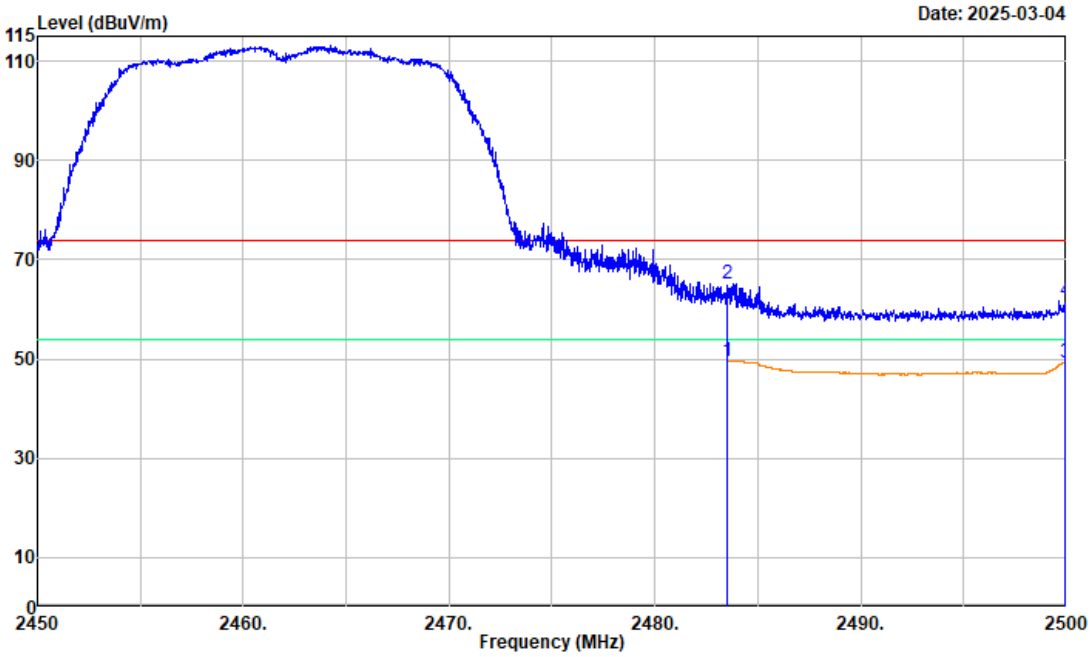


Project No. : 2405A45676E
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 22.8℃/40%R.H./101.0kPa
Tested by : Luke Li
Polarization : horizontal
Remark : 802.11g 2462

--No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
1	2483.592	35.73	7.20	42.93	54.00	-11.07	Average
2	2483.592	49.38	7.20	56.58	74.00	-17.42	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/10Hz , DET: PK

Mode:	802.11g	Channel:	2462MHz

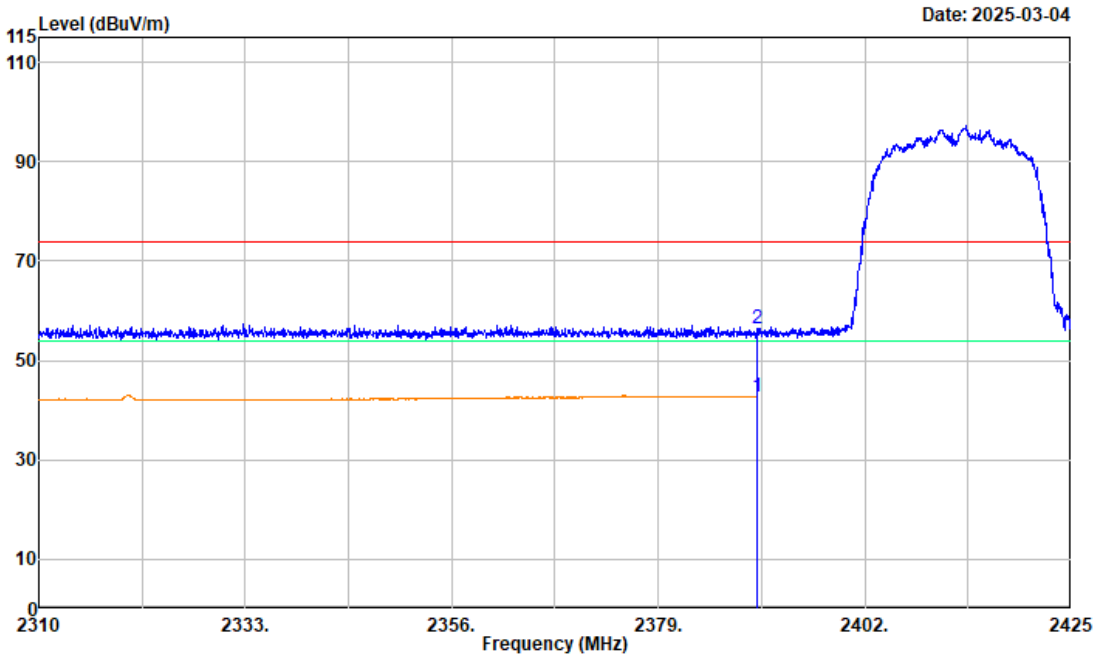


Project No. : 2405A45676E
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 22.8℃/40%R.H./101.0kPa
Tested by : Luke Li
Polarization : vertical
Remark : 802.11g 2462

--No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Over Limit (dB)	Detector
1	2483.500	42.48	7.20	49.68	54.00	-4.32	Average
2	2483.500	57.88	7.20	65.08	74.00	-8.92	Peak
3	2499.900	42.04	7.25	49.29	54.00	-4.71	Average
4	2499.900	54.49	7.25	61.74	74.00	-12.26	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/10Hz , DET: PK

Mode:	802.11n20	Channel:	2412MHz

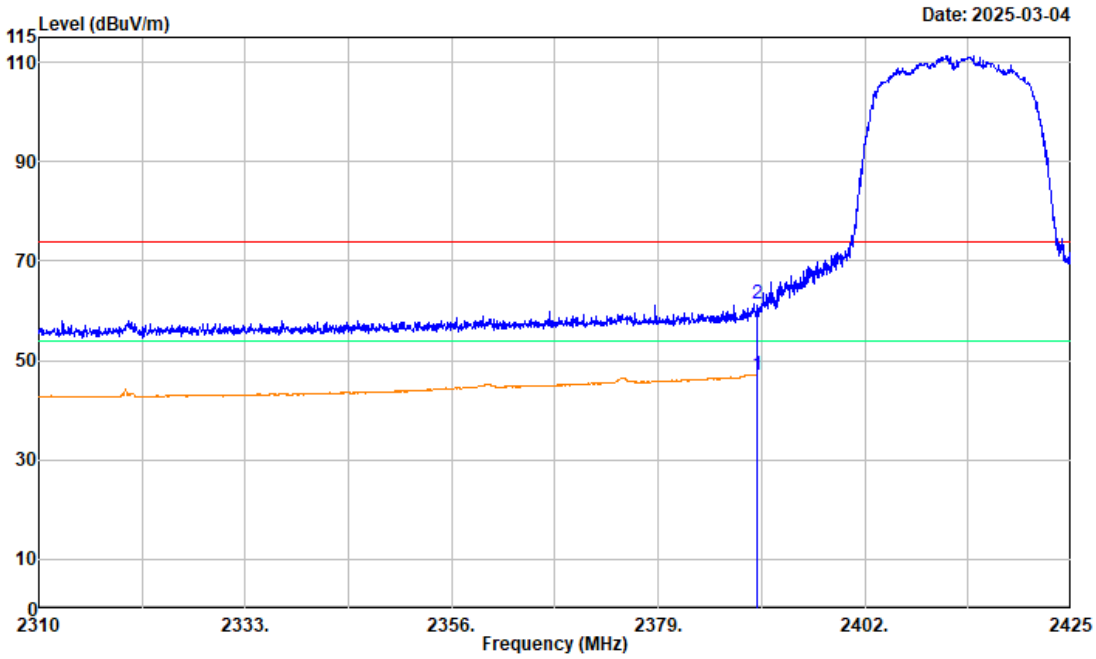


Project No. : 2405A45676E
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 22.8℃/40%R.H./101.0kPa
Tested by : Luke Li
Polarization : horizontal
Remark : 802.11n20 2412

--No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Over Limit (dB)	Detector
1	2390.000	35.77	7.00	42.77	54.00	-11.23	Average
2	2390.000	49.41	7.00	56.41	74.00	-17.59	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/10Hz , DET: PK

Mode:	802.11n20	Channel:	2412MHz

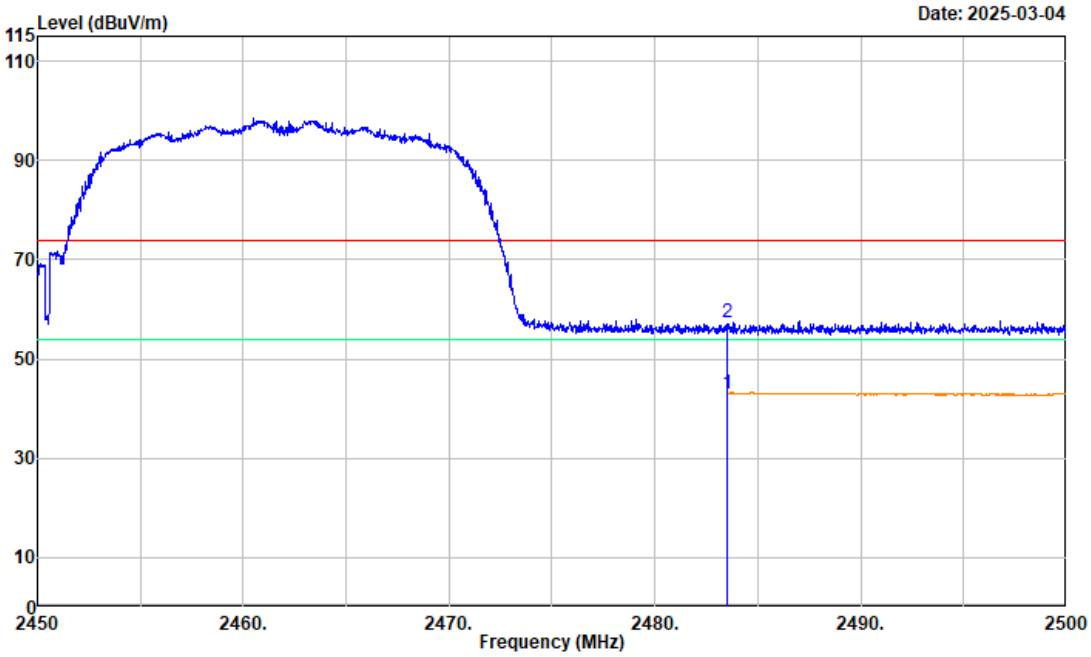


Project No. : 2405A45676E
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 22.8℃/40%R.H./101.0kPa
Tested by : Luke Li
Polarization : vertical
Remark : 802.11n20 2412

--No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Over Limit (dB)	Detector
1	2390.000	40.21	7.00	47.21	54.00	-6.79	Average
2	2390.000	54.31	7.00	61.31	74.00	-12.69	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/10Hz , DET: PK

Mode:	802.11n20	Channel:	2462MHz

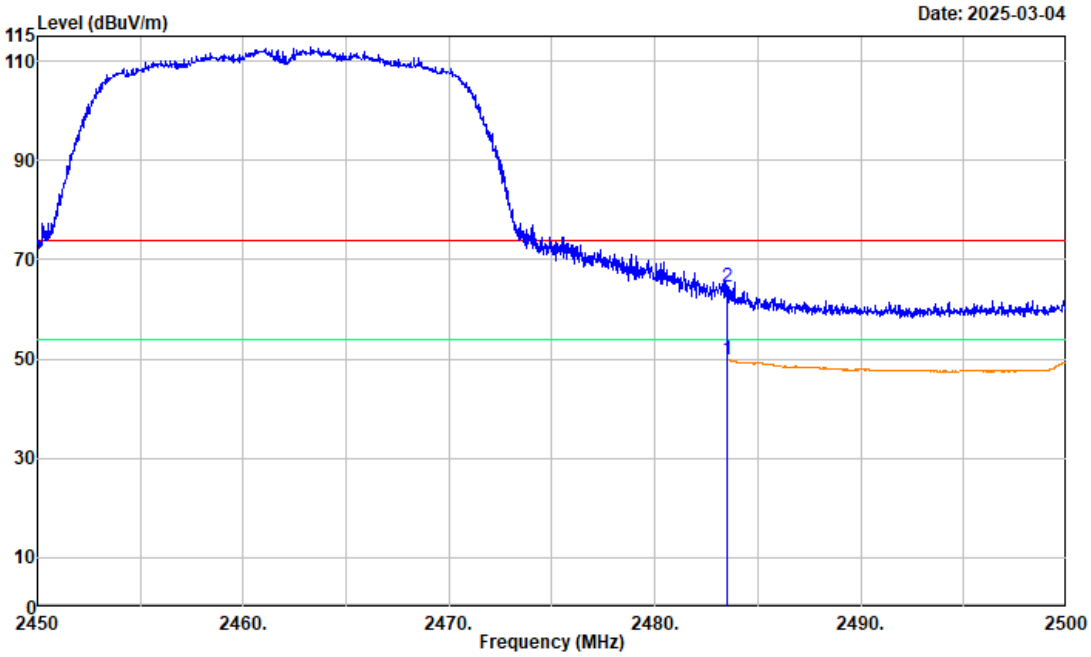


Project No. : 2405A45676E
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 22.8℃/40%R.H./101.0kPa
Tested by : Luke Li
Polarization : horizontal
Remark : 802.11n20 2462

--No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Over Limit (dB)	Detector
1	2483.500	35.96	7.20	43.16	54.00	-10.84	Average
2	2483.500	50.16	7.20	57.36	74.00	-16.64	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/10Hz , DET: PK

Mode:	802.11n20	Channel:	2462MHz

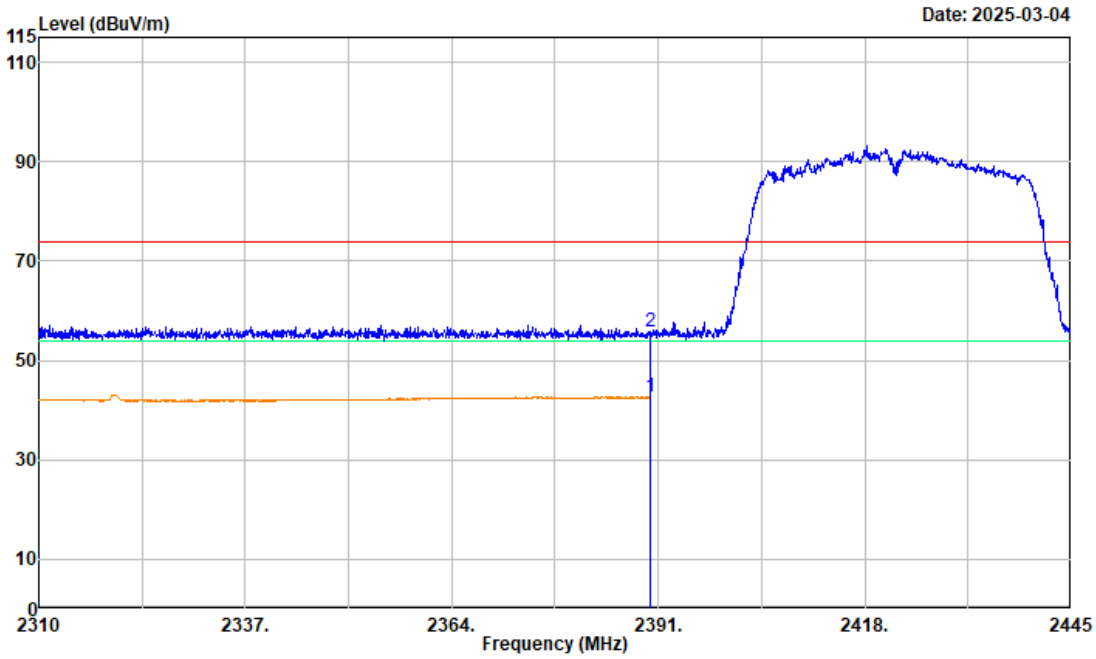


Project No. : 2405A45676E
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 22.8℃/40%R.H./101.0kPa
Tested by : Luke Li
Polarization : vertical
Remark : 802.11n20 2462

--No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Over Limit (dB)	Detector
1	2483.500	42.65	7.20	49.85	54.00	-4.15	Average
2	2483.500	57.42	7.20	64.62	74.00	-9.38	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/10Hz , DET: PK

Mode:	802.11n40	Channel:	2422MHz

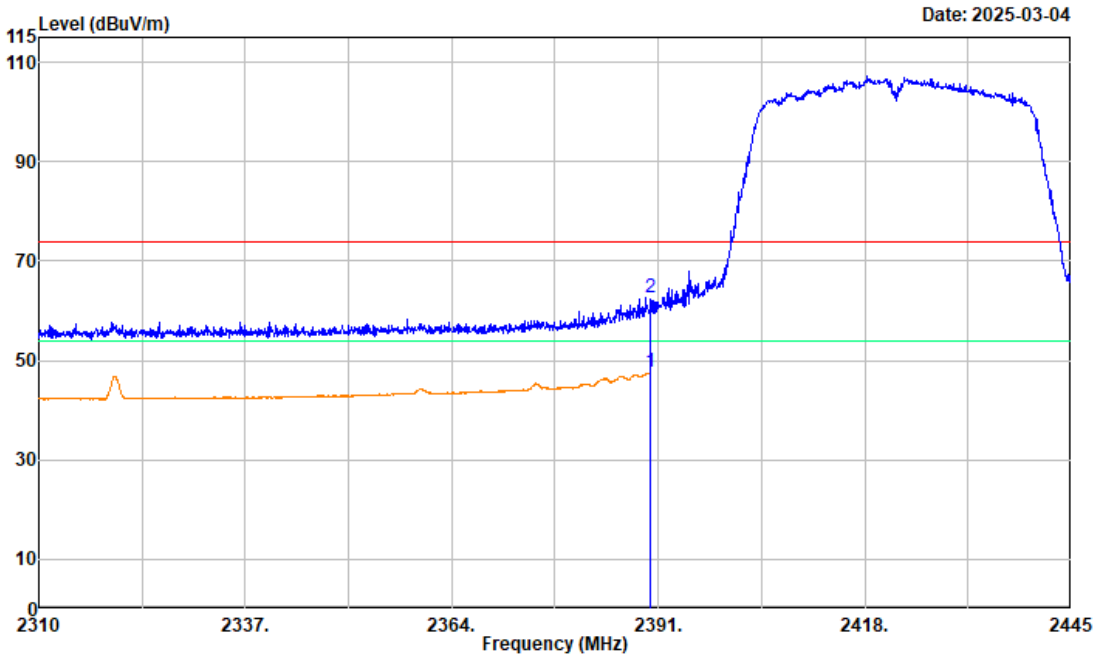


Project No. : 2405A45676E
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 22.8℃/40%R.H./101.0kPa
Tested by : Luke Li
Polarization : horizontal
Remark : 802.11n40 2422

--No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Over Limit (dB)	Detector
1	2390.000	35.61	7.00	42.61	54.00	-11.39	Average
2	2390.000	48.84	7.00	55.84	74.00	-18.16	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/10Hz , DET: PK

Mode:	802.11n40	Channel:	2422MHz

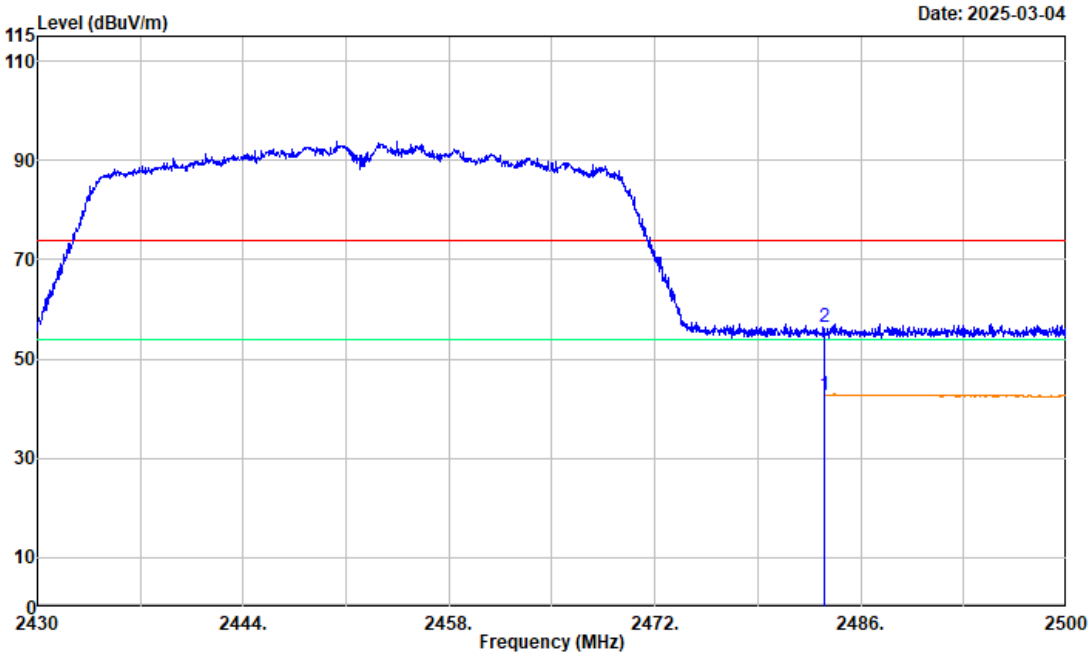


Project No. : 2405A45676E
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 22.8℃/40%R.H./101.0kPa
Tested by : Luke Li
Polarization : vertical
Remark : 802.11n40 2422

--No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Over Limit (dB)	Detector
1	2390.000	40.57	7.00	47.57	54.00	-6.43	Average
2	2390.000	55.71	7.00	62.71	74.00	-11.29	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/10Hz , DET: PK

Mode:	802.11n40	Channel:	2452MHz

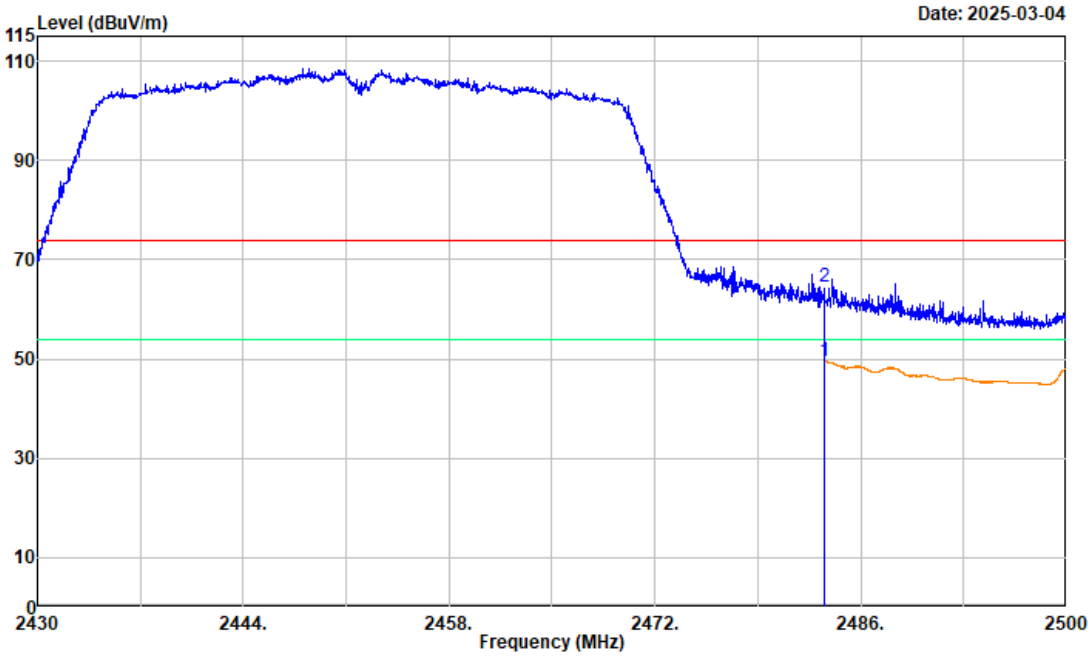


Project No. : 2405A45676E
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 22.8℃/40%R.H./101.0kPa
Tested by : Luke Li
Polarization : horizontal
Remark : 802.11n40 2452

--No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
1	2483.500	35.60	7.20	42.80	54.00	-11.20	Average
2	2483.500	49.23	7.20	56.43	74.00	-17.57	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/10Hz , DET: PK

Mode:	802.11n40	Channel:	2452MHz



Project No. : 2405A45676E
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 22.8℃/40%R.H./101.0kPa
Tested by : Luke Li
Polarization : vertical
Remark : 802.11n40 2452

--No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Over Limit (dB)	Detector
1	2483.500	42.27	7.20	49.47	54.00	-4.53	Average
2	2483.500	57.38	7.20	64.58	74.00	-9.42	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/10Hz , DET: PK

Model: GLH-1108AY

Frequency (MHz)	Reading level (dBμV)	Polar	Corrected Factor (dB/m)	Corrected Amplitude (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
802.11b							
Low Channel							
4824.000	48.98	horizontal	-2.29	46.69	74.00	-27.31	Peak
4824.000	49.33	vertical	-2.29	47.04	74.00	-26.96	Peak
Middle Channel							
4874.000	47.96	horizontal	-1.92	46.04	74.00	-27.96	Peak
4874.000	49.71	vertical	-1.92	47.79	74.00	-26.21	Peak
High Channel							
4924.000	50.42	horizontal	-1.70	48.72	74.00	-25.28	Peak
4924.000	50.20	vertical	-1.70	48.50	74.00	-25.50	Peak
802.11g							
Low Channel							
4824.000	49.40	horizontal	-2.29	47.11	74.00	-26.89	Peak
4824.000	49.10	vertical	-2.29	46.81	74.00	-27.19	Peak
Middle Channel							
4874.000	48.41	horizontal	-1.92	46.49	74.00	-27.51	Peak
4874.000	49.39	vertical	-1.92	47.47	74.00	-26.53	Peak
High Channel							
4924.000	49.07	horizontal	-1.70	47.37	74.00	-26.63	Peak
4924.000	48.99	vertical	-1.70	47.29	74.00	-26.71	Peak
802.11n20							
Low Channel							
4824.000	48.65	horizontal	-2.29	46.36	74.00	-27.64	Peak
4824.000	48.24	vertical	-2.29	45.95	74.00	-28.05	Peak
Middle Channel							
4874.000	48.78	horizontal	-1.92	46.86	74.00	-27.14	Peak
4874.000	48.63	vertical	-1.92	46.71	74.00	-27.29	Peak
High Channel							
4924.000	50.31	horizontal	-1.70	48.61	74.00	-25.39	Peak
4924.000	48.16	vertical	-1.70	46.46	74.00	-27.54	Peak
802.11n40							
Low Channel							
4844.000	48.63	horizontal	-2.17	46.46	74.00	-27.54	Peak
4844.000	48.51	vertical	-2.17	46.34	74.00	-27.66	Peak
Middle Channel							

4874.000	48.69	horizontal	-1.92	46.77	74.00	-27.23	Peak
4874.000	48.07	vertical	-1.92	46.15	74.00	-27.85	Peak
High Channel							
4904.000	48.23	horizontal	-1.71	46.52	74.00	-27.48	Peak
4904.000	48.89	vertical	-1.71	47.18	74.00	-26.82	Peak

Remark:

Corrected Amplitude= Reading level + corrected Factor

Corrected Factor = Antenna factor + Cable loss – Amplifier gain

Margin = Corrected Amplitude – Limit

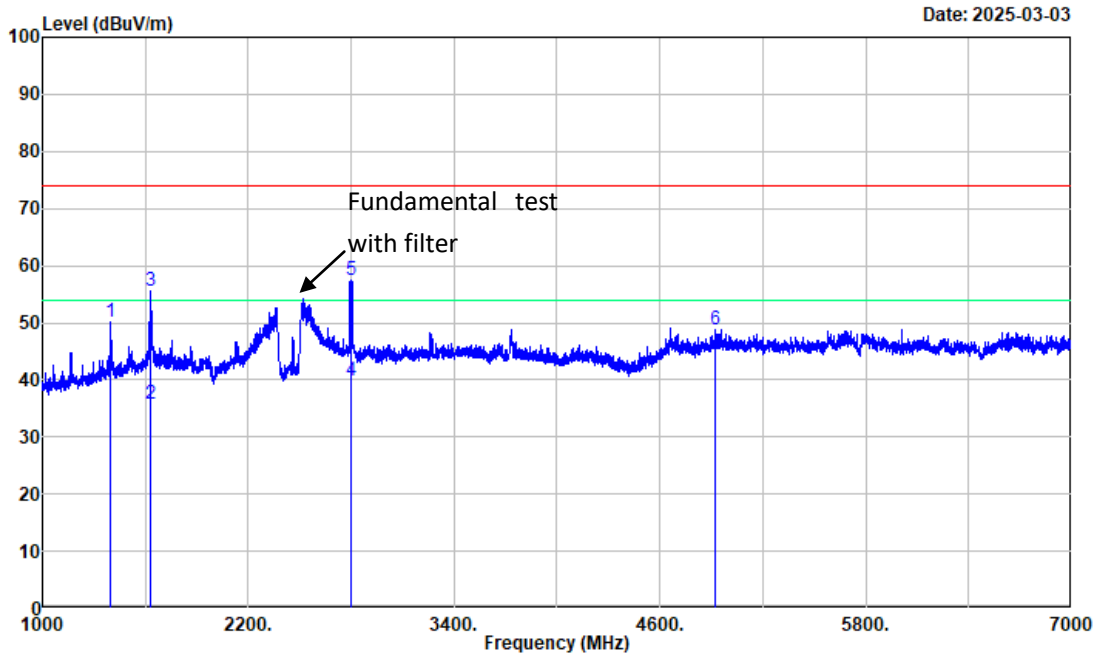
For the test result of Peak below the Peak limit more than 20dB, which can compliance with the average limit, just the Peak level was recorded.

The emission levels of other frequencies that were lower than the limit 20dB not show in test report.

For emissions in 18GHz-25GHz range, all emissions were investigated and in the noise floor level.

Test plot for example as below:

Mode:	802.11b	Channel:	2462MHz

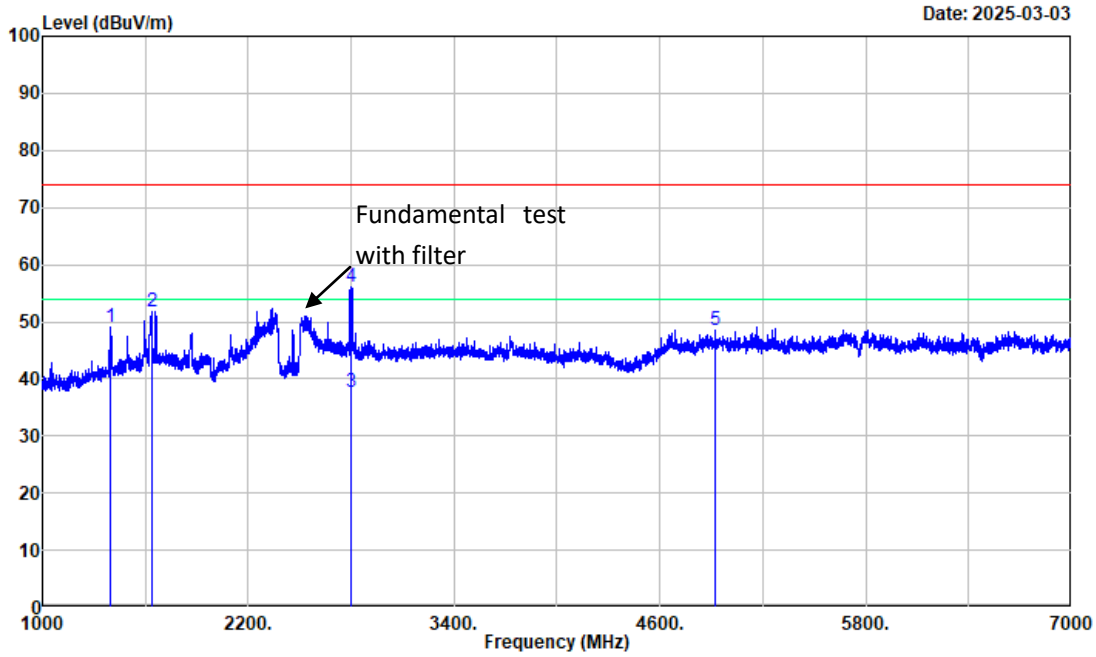


Project No. : 2405A45676E
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 23.2℃/74%R.H./100.3kPa
Tested by : Luke Li
Polarization : horizontal
Remark : 802.11b 2462

--No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
1	1397.000	55.52	-5.47	50.05	74.00	-23.95	Peak
2	1633.000	39.87	-3.98	35.89	54.00	-18.11	Average
3	1633.000	59.42	-3.98	55.44	74.00	-18.56	Peak
4	2800.000	42.08	-2.34	39.74	54.00	-14.26	Average
5	2800.000	59.66	-2.34	57.32	74.00	-16.68	Peak
6	4924.000	50.42	-1.70	48.72	74.00	-25.28	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11b	Channel:	2462MHz

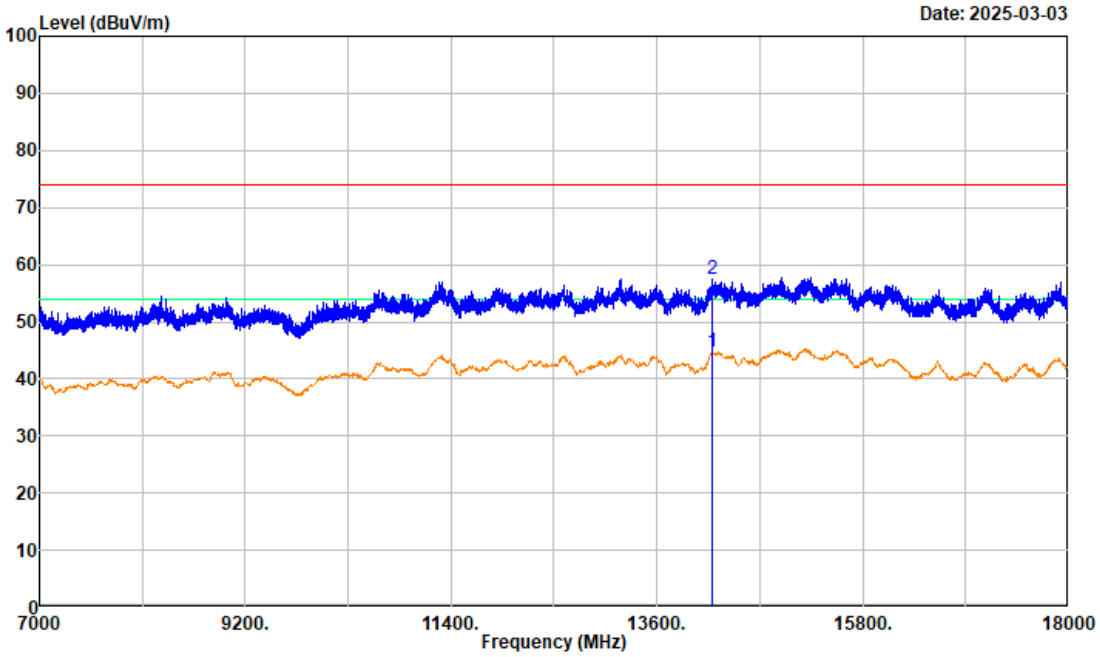


Project No. : 2405A45676E
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 23.2℃/74%R.H./100.3kPa
Tested by : Luke Li
Polarization : vertical
Remark : 802.11b 2462

--No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Over Limit (dB)	Detector
1	1396.000	54.65	-5.48	49.17	74.00	-24.83	Peak
2	1636.000	55.81	-3.96	51.85	74.00	-22.15	Peak
3	2798.000	39.89	-2.34	37.55	54.00	-16.45	Average
4	2798.000	58.56	-2.34	56.22	74.00	-17.78	Peak
5	4924.000	50.20	-1.70	48.50	74.00	-25.50	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11b	Channel:	2462MHz

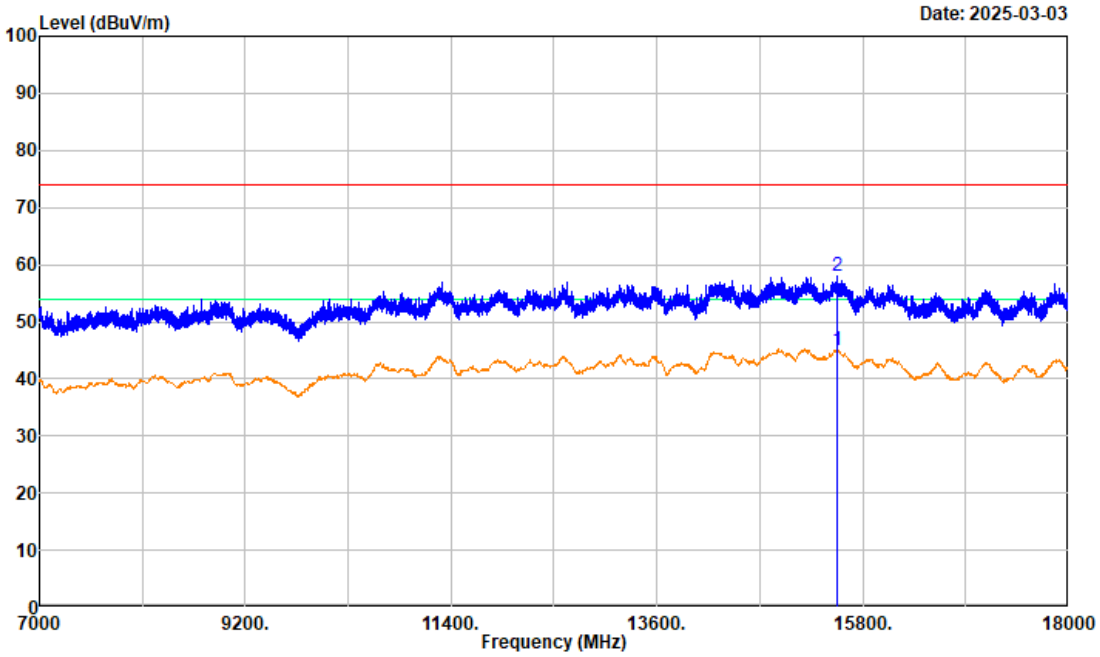


Project No. : 2405A45676E
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 23.2℃/74%R.H./100.3kPa
Tested by : Luke Li
Polarization : horizontal
Remark : 802.11b 2462

--No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
1	14193.000	38.20	6.44	44.64	54.00	-9.36	Average
2	14193.000	50.95	6.44	57.39	74.00	-16.61	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11b	Channel:	2462MHz

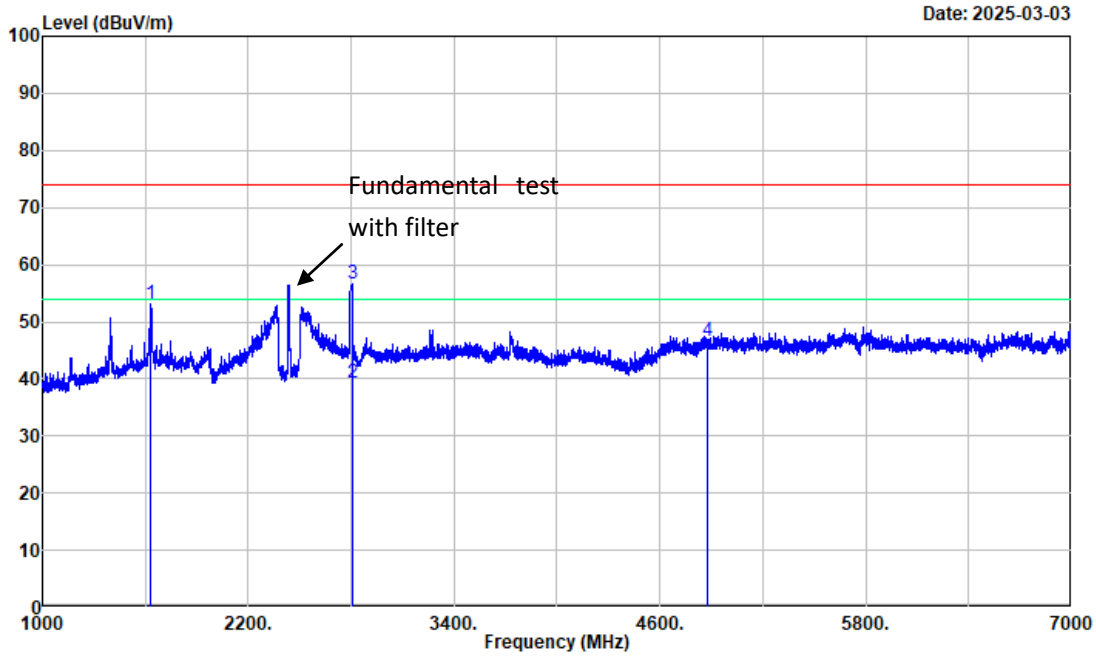


Project No. : 2405A45676E
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 23.2℃/74%R.H./100.3kPa
Tested by : Luke Li
Polarization : vertical
Remark : 802.11b 2462

--No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Over Limit (dB)	Detector
1	15520.000	38.77	6.18	44.95	54.00	-9.05	Average
2	15520.000	51.72	6.18	57.90	74.00	-16.10	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11g	Channel:	2437MHz

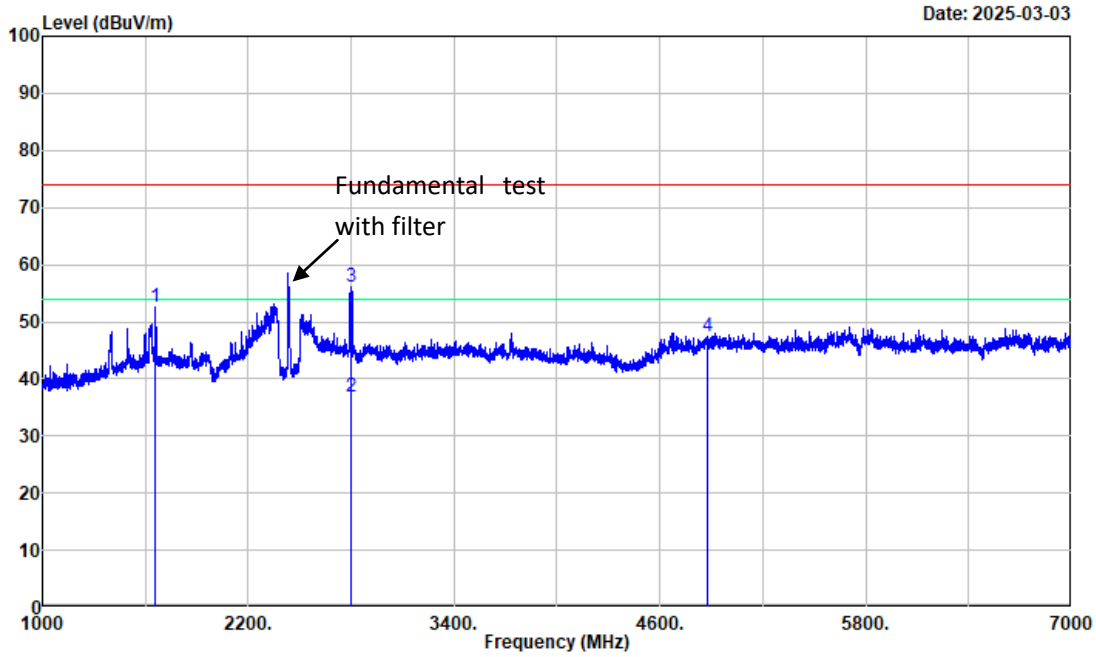


Project No. : 2405A45676E
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 23.2℃/74%R.H./100.3kPa
Tested by : Luke Li
Polarization : horizontal
Remark : 802.11g 2437

--No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Over Limit (dB)	Detector
1	1630.000	57.08	-3.99	53.09	74.00	-20.91	Peak
2	2806.000	41.59	-2.35	39.24	54.00	-14.76	Average
3	2806.000	59.09	-2.35	56.74	74.00	-17.26	Peak
4	4874.000	48.41	-1.92	46.49	74.00	-27.51	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11g	Channel:	2437MHz

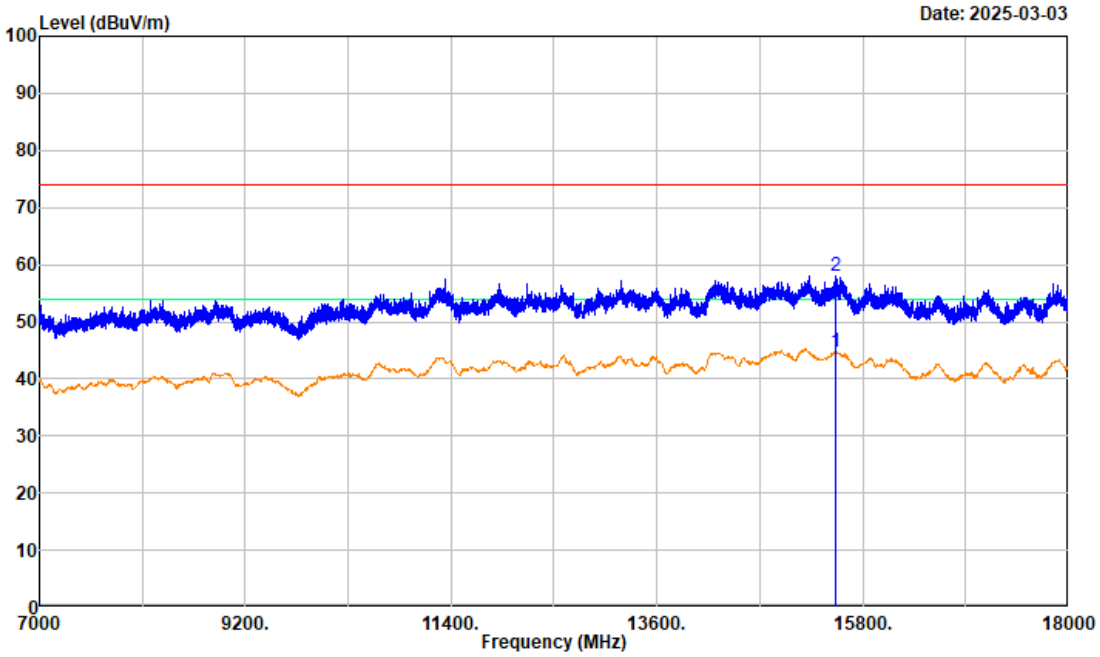


Project No. : 2405A45676E
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 23.2℃/74%R.H./100.3kPa
Tested by : Luke Li
Polarization : vertical
Remark : 802.11g 2437

--No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Over Limit (dB)	Detector
1	1661.000	56.44	-3.80	52.64	74.00	-21.36	Peak
2	2798.000	39.16	-2.34	36.82	54.00	-17.18	Average
3	2798.000	58.49	-2.34	56.15	74.00	-17.85	Peak
4	4874.000	49.39	-1.92	47.47	74.00	-26.53	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11g	Channel:	2437MHz

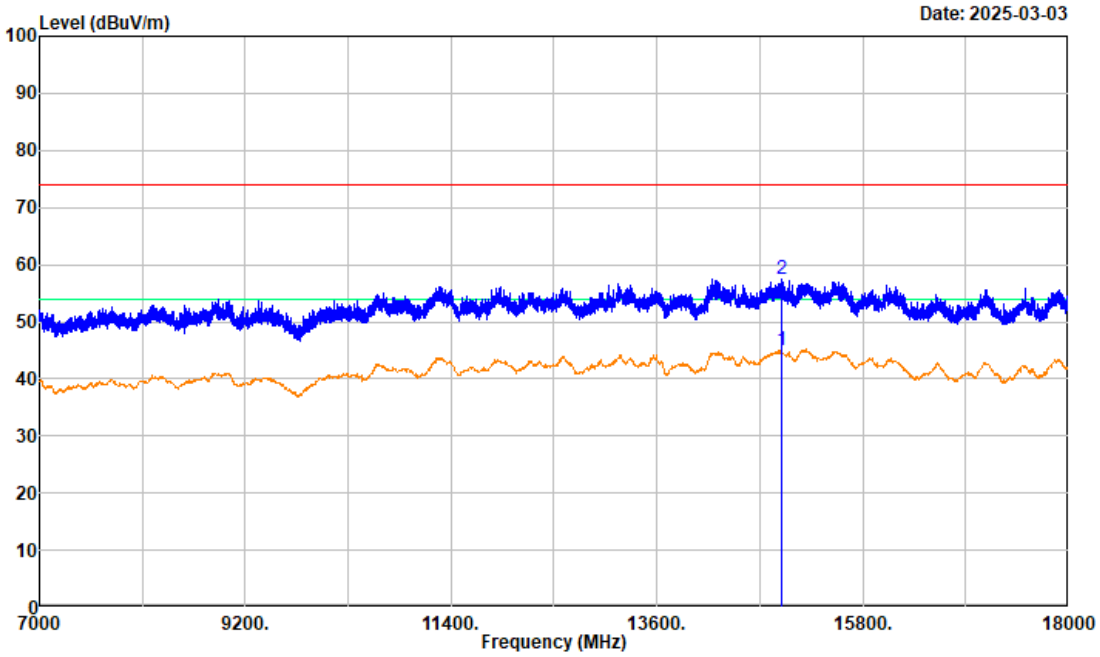


Project No. : 2405A45676E
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 23.2℃/74%R.H./100.3kPa
Tested by : Luke Li
Polarization : horizontal
Remark : 802.11g 2437

--No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
1	15511.000	38.59	6.19	44.78	54.00	-9.22	Average
2	15511.000	51.74	6.19	57.93	74.00	-16.07	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11g	Channel:	2437MHz

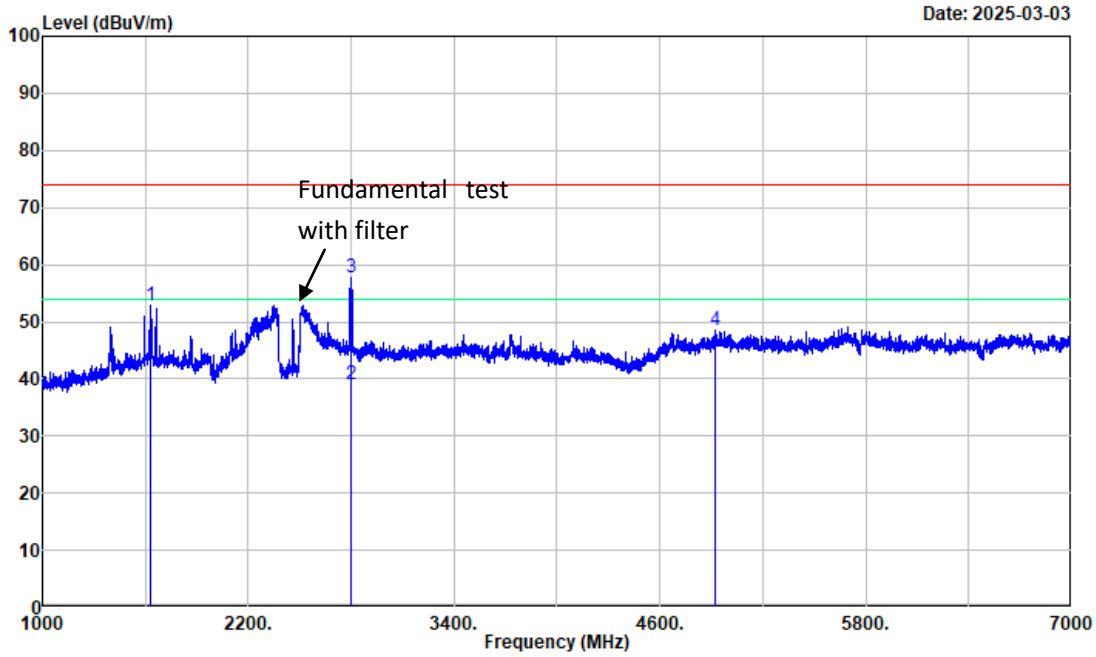


Project No. : 2405A45676E
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 23.2℃/74%R.H./100.3kPa
Tested by : Luke Li
Polarization : vertical
Remark : 802.11g 2437

--No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Detector
1	14933.000	38.53	6.56	45.09	54.00	-8.91	Average
2	14933.000	50.83	6.56	57.39	74.00	-16.61	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK

Mode:	802.11n20	Channel:	2462MHz



Project No. : 2405A45676E
Test Mode : Transmitting
Test Voltage : AC 120V/60Hz
Environment : 23.2℃/74%R.H./100.3kPa
Tested by : Luke Li
Polarization : horizontal
Remark : 802.11n20 2462

--No.	Frequency (MHz)	Reading (dBµV)	Factor (dB/m)	Result (dBµV/m)	Limit (dBµV/m)	Over Limit (dB)	Detector
1	1632.000	56.82	-3.99	52.83	74.00	-21.17	Peak
2	2800.000	41.26	-2.34	38.92	54.00	-15.08	Average
3	2800.000	60.02	-2.34	57.68	74.00	-16.32	Peak
4	4924.000	50.31	-1.70	48.61	74.00	-25.39	Peak

Remarks: Factor = Antenna factor + Cable loss - Preamp gain
Result = Reading + Factor
Over Limit = Result - Limit
SA setting: Peak: RBW/VBW: 1MHz/3MHz, DET: PK
Average: RBW/VBW: 1MHz/1kHz, DET: PK