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Report No.: 2510TW0109-U1
Report Version: 1.0
Issue Date: 2025-12-03

MEASUREMENT REPORT

FCC ID : 2AQVB-DN2458G

APPLICANT : Taisync Technology Inc.

Application Type : Certification

Product : 2.4&5.8GHz HD Wireless Link

Model No. : WVL-A2458J28TTVX32_I_US

Series Model No. : WVL-A2458J28TTVX32_S_US

Brand Name : Viulinx

FCC Classification : (DTS) Digital Transmission System

FCC Rule Part(s) : Part 15.247

Test Procedure(s) : ANSI C63.10-2020+Cor 1-2023+C63.10a-2024 + Errata to C63.10a-2024

Received Date : October 22, 2025

Test Date : October 23, 2025~November 6, 2025

Tested By : *Kaunaz Lee*
(Kaunaz Lee)

Reviewed By : *Paddy Chen*
(Paddy Chen)

Approved By : *Chenz Ker*
(Chenz Ker)



The test results only relate to the tested sample.

This equipment has been shown to be capable of compliance with the applicable technical standards as indicated in the measurement report and was tested in accordance with the measurement procedures specified in ANSI C63.10. Test results reported herein relate only to the item(s) tested.

The test report shall not be reproduced except in full without the written approval of MRT Technology (Taiwan) Co., Ltd.

Revision History

Report No.	Version	Description	Issue Date	Note
2510TW0109-U1	1.0	Original Report	2025-12-03	

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General Information

Applicant	Taisync Technology Inc.
Applicant Address	2051 Junction Ave. Ste 115, San Jose, CA 95131
Manufacturer	Taisync Technology Inc.
Manufacturer Address	2051 Junction Ave. Ste 115, San Jose, CA 95131
Test Site	MRT Technology (Taiwan) Co., Ltd
Test Site Address	No. 38, Fuxing Second Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C)
MRT FCC Registration No.	291082
Test Device Serial No.	#1-1 ☐ Production ☒ Pre-Production ☐ Engineering

Test Facility / Accreditations

1. MRT facility is a FCC registered (Reg. No. 291082) test facility with the site description report on file and is designated by the FCC as an Accredited Test Firm.
2. MRT facility is an IC registered (MRT Reg. No. 21723) test laboratory with the site description on file at Industry Canada.
3. MRT Lab is accredited to ISO 17025 by the Taiwan Accreditation Foundation (TAF Cert. No. 3261) in EMC, Telecommunications and Radio testing for FCC (Designation Number: TW3261), Industry Canada, EU and TELEC Rules.

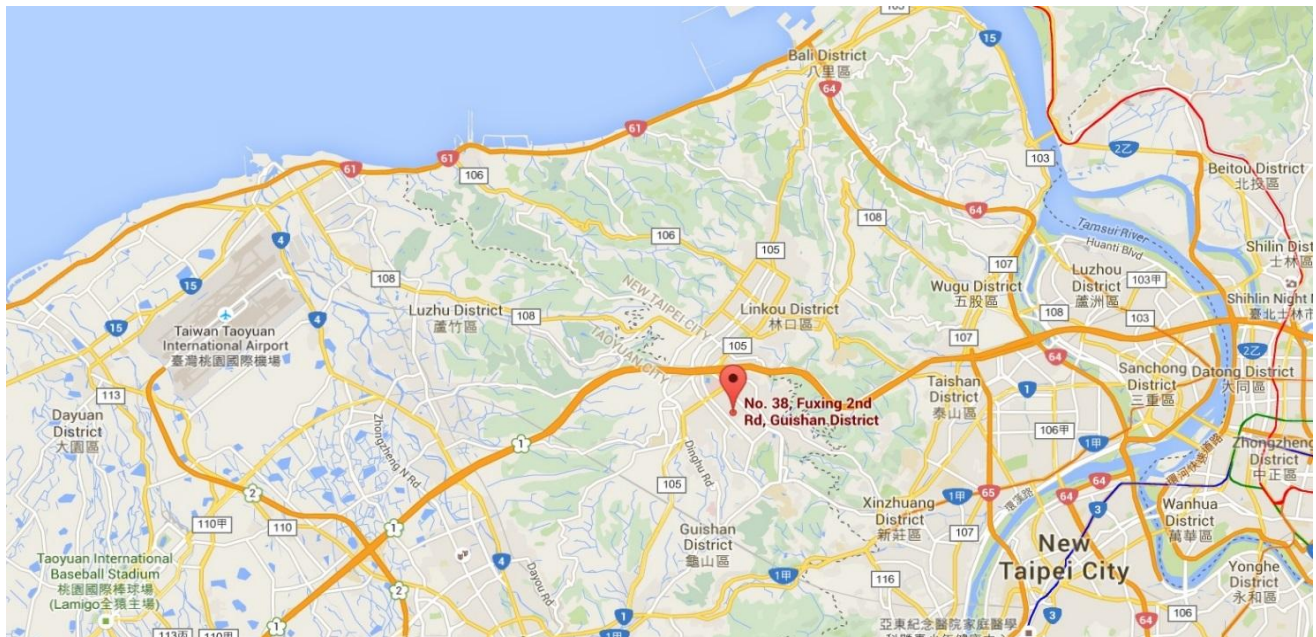
1. INTRODUCTION

1.1. Scope

Measurement and determination of electromagnetic emissions (EMC) of radio frequency devices including intentional and/or unintentional radiators for compliance with the technical rules and regulations of the Federal Communications Commission and the Industry Canada Certification and Engineering Bureau.

1.2. MRT Test Location

The map below shows the location of the MRT LABORATORY, its proximity to the Taoyuan City. These measurement tests were conducted at the MRT Technology (Taiwan) Co., Ltd. Facility located at No.38, Fuxing 2nd Rd., Guishan Dist., Taoyuan City 33377, Taiwan (R.O.C).



2. PRODUCT INFORMATION

2.1. Equipment Description

Product Name	2.4&5.8GHz HD Wireless Link
Model No.	WVL-A2458J28TTVX32_I_US
Series Model No.	WVL-A2458J28TTVX32_S_US
Specification	SRD 2.4GHz & 5.8GHz

Note:

1. Model Difference: WVL-A2458J28TTVX32_S_US is SMA connector, WVL-A2458J28TTVX32_I_US is IPEX connector, the other hardware was the same. (declared by the manufacturer)
2. The test was performed base on WVL-A2458J28TTVX32_I_US.

2.2. Product Specification Subjective to this Standard

Operating Frequency	2412~2470MHz
Channel Number	3
Type of modulation	OFDM
Channel Bandwidth	10MHz
Data Rate	2.08Mbps ~ 6.57Mbps
RF Port	2

Note: The product works with only one port at a time.

2.3. Test Mode

Test Mode	Mode 1: Transmit by 2.4GHz with Ant 1 Mode 2: Transmit by 2.4GHz with Ant 2
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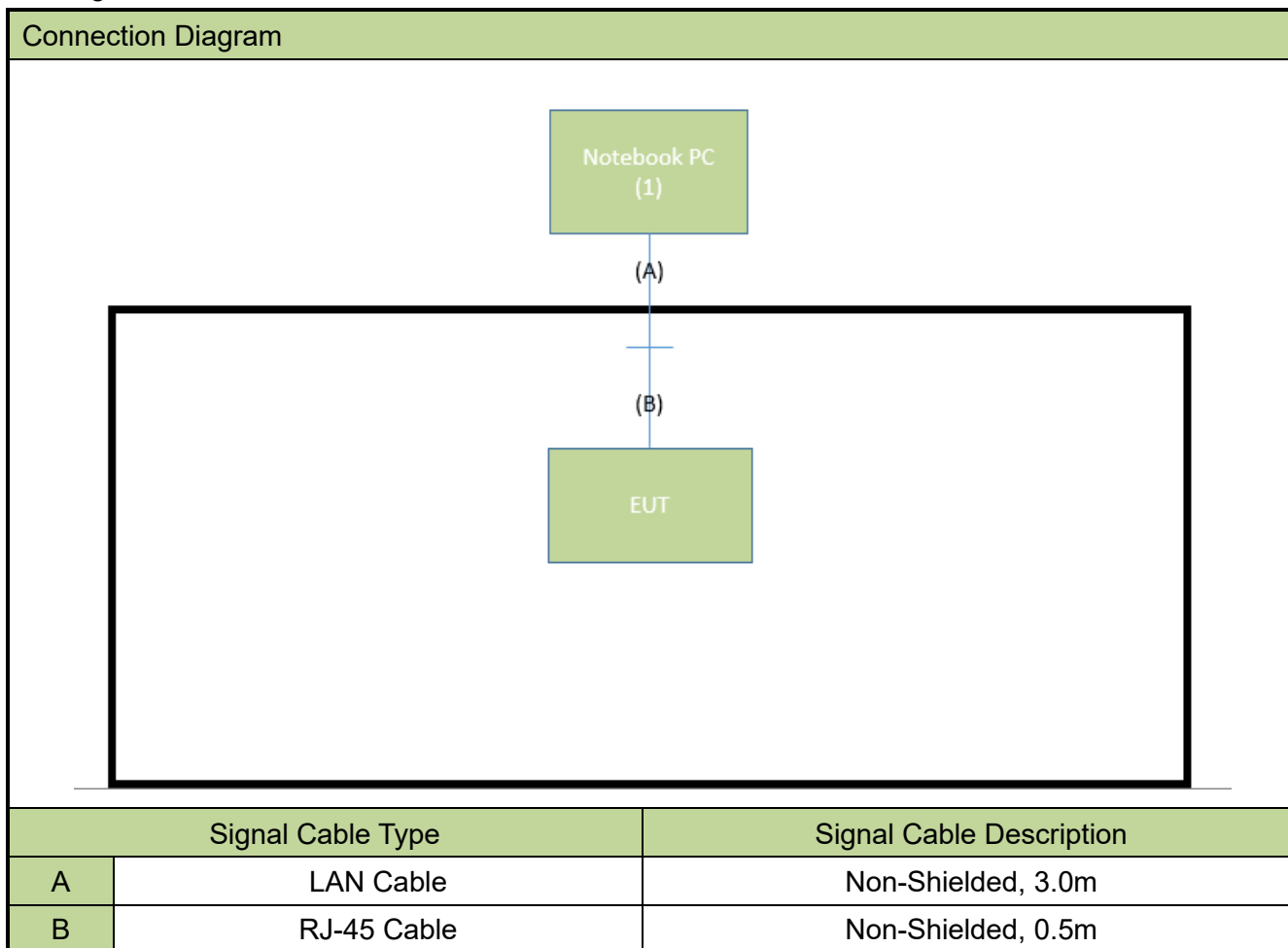
Note: Regarding to the operation frequency, the lowest, middle and highest frequency are selected to perform the test.

2.4. Operation Frequency / Channel List

Channel	Frequency	Channel	Frequency	Channel	Frequency
01	2412 MHz	02	2444 MHz	03	2470 MHz

2.5. Test Configuration

This device was tested per the guidance of ANSI C63.10-2020. ANSI C63.10-2020 was used to reference the appropriate EUT setup for radiated spurious emissions testing and AC line conducted testing.



2.6. Test System Details

The types for all equipments, plus descriptions of all cables used in the tested system (including inserted cards) are:

	Product	Manufacturer	Model No.	Serial No.	Power Cord
1	Notebook PC	Lenovo	T450	N/A	Non-shielded, 0.8m

2.7. Test Software

The test utility software used during testing was “calibration.html”.

2.8. Duty Cycles

Test Mode	Duty Cycle
2.4GHz	91.36%

2.9. EMI Suppression Device(s)/Modifications

No EMI suppression device(s) were added and/or no modifications were made during testing.

2.10. Labeling Requirements

Per 2.1074 & 15.19; Docket 95-19

The label shall be permanently affixed at a conspicuous location on the device; instruction manual or pamphlet supplied to the user and be readily visible to the purchaser at the time of purchase.

However, when the device is so small wherein placement of the label with specified statement is not practical, only the FCC ID must be displayed on the device per Section 15.19(a)(5). Please see attachment for FCC ID label and label location.

3. DESCRIPTION of TEST

3.1. Evaluation Procedure

The measurement procedures described in the American National Standard for Testing Unlicensed Wireless Devices (ANSI C63.10-2020+Cor 1-2023+C63.10a-2024 + Errata to C63.10a-2024), and the guidance provided in KDB 558074 D01v05r02 were used in the measurement.

3.2. AC Line Conducted Emissions

The line-conducted facility is located inside an 9'x4'x3' shielded enclosure. A 1m x 2m wooden table 80cm high is placed 40cm away from the vertical wall and 80cm away from the sidewall of the shielded room. Two 10kHz-30MHz, 50Ω/50uH Line-Impedance Stabilization Networks (LISNs) are bonded to the shielded room floor. Power to the LISNs is filtered by external high-current high-insertion loss power line filters. These filters attenuate ambient signal noise from entering the measurement lines. These filters are also bonded to the shielded enclosure.

The EUT is powered from one LISN and the support equipment is powered from the second LISN. All interconnecting cables more than 1 meter were shortened to a 1 meter length by non-inductive bundling (serpentine fashion) and draped over the back edge of the test table. All cables were at least 40cm above the horizontal reference ground-plane. Power cables for support equipment were routed down to the second LISN while ensuring that that cables were not draped over the second LISN.

Sufficient time for the EUT, support equipment, and test equipment was allowed in order for them to warm up to their normal operating condition. The RF output of the LISN was connected to the receiver and exploratory measurements were made to determine the frequencies producing the maximum emission from the EUT. The receiver was scanned from 150kHz to 30MHz. The detector function was set to peak mode for exploratory measurements while the bandwidth of the analyzer was set to 9kHz. The EUT, support equipment, and interconnecting cables were arranged and manipulated to maximize each emission. Each emission was also maximized by varying: power lines, the mode of operation or data exchange speed, or support equipment which determined the worst-case emission. Once the worst case emissions have been identified, the one EUT cable configuration/arrangement and mode of operation that produced these emissions are used for final measurements on the same test site. The analyzer is set to CISPR quasi-peak and average detectors with a 9kHz resolution bandwidth for final measurements.

An extension cord was used to connect to a single LISN which powered by EUT. The extension cord was calibrated with LISN, the impedance and insertion loss are compliance with the requirements as stated in ANSI C63.10-2020.

Line conducted emissions test results are shown in Section 7.8.

3.3. Radiated Emissions

The radiated test facilities consisted of an indoor 3 meter semi-anechoic chamber used for final measurements and exploratory measurements, when necessary. The measurement area is contained within the semi-anechoic chamber which is shielded from any ambient interference. For measurements above 1GHz absorbers are arranged on the floor between the turn table and the antenna mast in such a way so as to maximize the reduction of reflections. For measurements below 1GHz, the absorbers are removed. A MF Model 210SS turntable is used for radiated measurement. It is a continuously rotatable, remote controlled, metallic turntable and 2 meters (6.56 ft.) in diameter. The turn table is flush with the raised floor of the chamber in order to maintain its function as a ground plane. An 80cm high PVC support structure is placed on top of the turntable.

For all measurements, the spectrum was scanned through all EUT azimuths and from 1 to 4 meter receive antenna height using a broadband antenna from 30MHz up to the upper frequency shown in 15.33(b)(1) depending on the highest frequency generated or used in the device or on which the device operates or tunes. For frequencies above 1GHz, linearly polarized double ridge horn antennas were used. For frequencies below 30MHz, a calibrated loop antenna was used. When exploratory measurements were necessary, they were performed at 1 meter test distance inside the semi-anechoic chamber using broadband antennas, broadband amplifiers, and spectrum analyzers to determine the frequencies and modes producing the maximum emissions. Sufficient time for the EUT, support equipment, and test equipment was allowed in order for them to warm up to their normal operating condition. The test set-up for frequencies below 1GHz was placed on top of the 0.8 meter high, 1 x 1.5 meter table; and test set-up for frequencies 1-40GHz was placed on top of the 1.5 meter high, 1 x 1.5 meter table. The EUT, support equipment, and interconnecting cables were arranged and manipulated to maximize each emission. Appropriate precaution was taken to ensure that all emissions from the EUT were maximized and investigated. The system configuration, clock speed, mode of operation or video resolution, if applicable, turntable azimuth, and receive antenna height was noted for each frequency found.

Final measurements were made in the semi-anechoic chamber using calibrated, linearly polarized broadband and horn antennas. The test setup was configured to the setup that produced the worst case emissions. The spectrum analyzer was set to investigate all frequencies required for testing to compare the highest radiated disturbances with respect to the specified limits. The turntable containing the EUT was rotated through 360 degrees and the height of the receive antenna was varied 1 to 4 meters and stopped at the azimuth and height producing the maximum emission. Each emission was maximized by changing the orientation of the EUT through three orthogonal planes and changing the polarity of the receive antenna, which produced the worst-case emissions. According to 3dB Beam-Width of horn antenna, the horn antenna should be always directed to the EUT when rising height.

Radiated emissions test results are shown in Section 7.6 & 7.7 .

4. ANTENNA REQUIREMENTS

Excerpt from §15.203 of the FCC Rules/Regulations:

“An intentional radiator antenna shall be designed to ensure that no antenna other than that furnished by the responsible party can be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section.”

- The antenna of the **2.4&5.8GHz HD Wireless Link**, is permanently attached.
- There are no provisions for connection to an external antenna.

Conclusion:

The EUT unit complies with the requirement of §15.203.

Antenna List

No.	Manufacturer	Part No.	Antenna Type	Peak Gain
1	Be-Comfortable	N12-7419-R0A	Dipole	2.4G: 5.02dBi 5.8G: 4.95dBi

Note: Ant1, Ant2 have the same gain.

5. TEST EQUIPMENT CALIBRATION DATE

Conducted Emissions

Instrument	Manufacturer	Type No.	Asset No.	Cali. Interval	Cali. Due Date
Two-Line V-Network	R&S	ENV216	MRTTWA00019	1 year	2026/3/5
Two-Line V-Network	R&S	ENV216	MRTTWA00020	1 year	2026/4/14
EMI Test Receiver	R&S	ESR3	MRTTWA00045	1 year	2026/5/13

Radiated Emissions

Instrument	Manufacturer	Type No.	Asset No.	Cali. Interval	Cali. Due Date
Active Loop Antenna	SCHWARZBECK	FMZB 1519B	MRTTWA00002	1 year	2026/4/16
Broadband TRILOG Antenna	SCHWARZBECK	VULB 9162	MRTTWA00086	1 year	2025/12/4
Broadband Hornantenna	SCHWARZBECK	BBHA 9120D	MRTTWA00003	1 year	2026/2/11
Broadband Preamplifier	SCHWARZBECK	BBV 9718	MRTTWA00005	1 year	2026/2/11
Breitband Hornantenna	SCHWARZBECK	BBHA 9170	MRTTWA00004	1 year	2026/3/27
Broadband Amplifier	SCHWARZBECK	BBV 9721	MRTTWA00006	1 year	2026/3/20
EMI Test Receiver	R&S	ESR3	MRTTWA00009	1 year	2026/3/4
Signal Analyzer	R&S	FSV40	MRTTWA00007	1 year	2026/5/20
Antenna Cable	HUBERSUHNER	SF106	MRTTWE00010	1 year	2026/6/13
Cable	Rosnol	K1K50-UP0264- K1K50-4M	MRTTWE00012	1 year	2026/6/13
Temperature/Humidity Meter	TFA	35.1083	MRTTWA00032	1 year	2026/6/5

Conducted Test Equipment

Instrument	Manufacturer	Type No.	Asset No.	Cali. Interval	Cali. Due Date
EXA Signal Analyzer	KEYSIGHT	N9010A	MRTTWA00012	1 year	2026/10/20
EXA Signal Analyzer	KEYSIGHT	N9010B	MRTTWA00074	1 year	2026/7/14
USB Wideband Power Sensor	KEYSIGHT	U2021XA	MRTTWA00014	1 year	2026/4/15

Software	Manufacturer	Version No.
e3	Audix	9.160520a

6. MEASUREMENT UNCERTAINTY

Where relevant, the following test uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of $k = 2$.

Conducted Emission- Power Line
Measuring Uncertainty for a Level of Confidence of 95% ($U=2Uc(y)$): 0.15MHz~30MHz: $\pm 2.53\text{dB}$
Radiated Spurious Emission
Measuring Uncertainty for a Level of Confidence of 95% ($U=2Uc(y)$): 9kHz~30MHz: $\pm 3.92\text{dB}$ 30MHz~1GHz: $\pm 4.25\text{dB}$ 1GHz~18GHz: $\pm 4.40\text{dB}$ 18GHz~40GHz: $\pm 4.45\text{dB}$
Frequency Error
Measuring Uncertainty for a Level of Confidence of 95% ($U=2Uc(y)$): $\pm 78.4\text{Hz}$
Conducted Power
Measuring Uncertainty for a Level of Confidence of 95% ($U=2Uc(y)$): $\pm 0.84\text{dB}$
Conducted Spurious Emission
Measuring Uncertainty for a Level of Confidence of 95% ($U=2Uc(y)$): $\pm 2.65\text{ dB}$
Occupied Bandwidth
Measuring Uncertainty for a Level of Confidence of 95% ($U=2Uc(y)$): $\pm 3.3\%$
Temp. / Humidity
Measuring Uncertainty for a Level of Confidence of 95% ($U=2Uc(y)$): $\pm 0.82^\circ\text{C}/ \pm 3\%$
DC Voltage
Measuring Uncertainty for a Level of Confidence of 95% ($U=2Uc(y)$): $\pm 0.3\%$

7. TEST RESULT

7.1. Summary

Product Name: 2.4&5.8GHz HD Wireless Link

FCC Section(s)	Test Description	Test Limit	Test Condition	Test Result	Reference
15.247(a)(2)	6dB Bandwidth	$\geq 500\text{kHz}$	Conducted	Pass	Section 7.2
15.247(b)(3)	Output Power	$\leq 30.00\text{dBm}$		Pass	Section 7.3
15.247(e)	Power Spectral Density	$\leq 8.00\text{dBm}/3\text{kHz}$		Pass	Section 7.4
15.247(d)	Out-of-Band Emissions	Conducted $\geq 20\text{dBc}$		Pass	Section 7.5
15.205 15.209	Spurious Emission	< FCC 15.209 limits	Radiated	Pass	Section 7.6
15.205 15.209	Band Edge Measurement	$\leq 74\text{dBuV/m(Peak)}$ $\leq 54\text{dBuV/m(Average)}$		Pass	Section 7.7
15.207	AC Conducted Emissions 150kHz - 30MHz	< FCC 15.207 limits	Line Conducted	Pass	Section 7.8

Notes:

- Determining compliance is based on the test results met the regulation limits or requirements declared by clients, and the test results don't take into account the value of measurement uncertainty.

7.2. 6dB Bandwidth Measurement

7.2.1. Test Limit

The minimum 6dB bandwidth shall be at least 500 kHz.

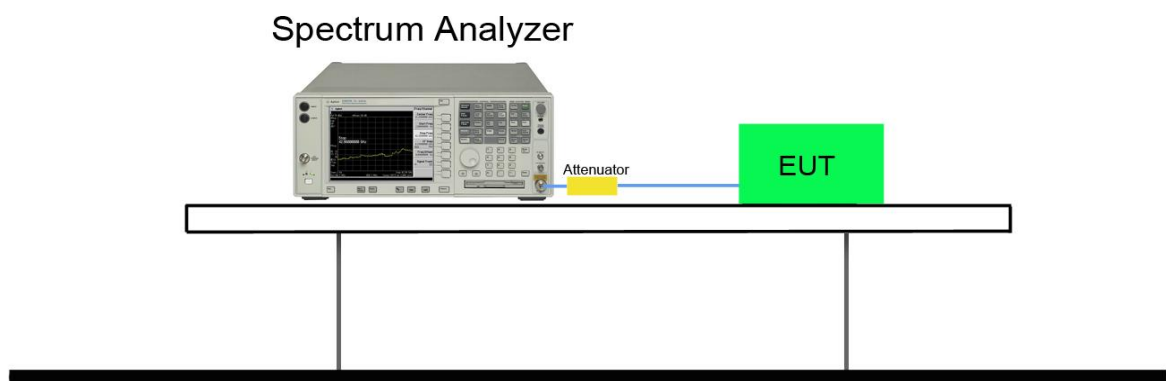
7.2.2. Test Procedure used

ANSI C63.10-2020 Section 11.8

7.2.3. Test Setting

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

7.2.4. Test Setup



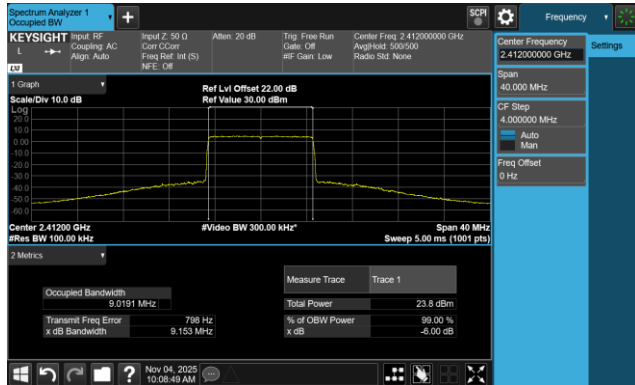
7.2.5. Test Result

Product	2.4&5.8GHz HD Wireless Link	Temperature	25°C
Test Engineer	Aby	Relative Humidity	54%
Test Site	SR6	Test Date	2025/11/4

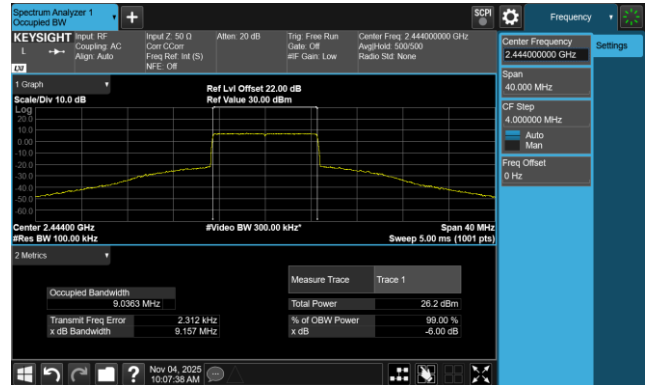
Test Mode	Channel No.	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)	Result
2.4GHz_Ant 1	CH01	2412	9.153	≥ 0.5	Pass
	CH02	2444	9.157	≥ 0.5	Pass
	CH03	2470	9.156	≥ 0.5	Pass

Ant 1

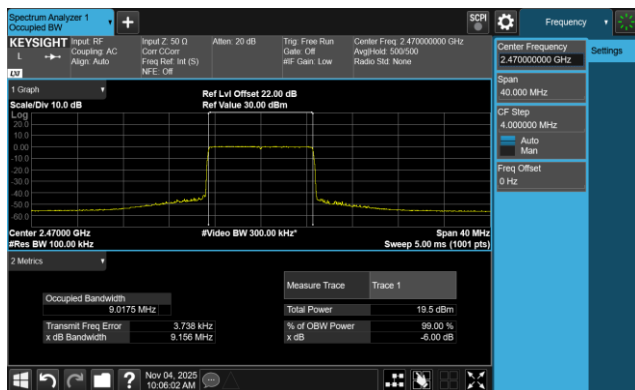
CH01 (2412MHz)



CH02 (2444MHz)



CH03 (2470MHz)



7.3. Output Power Measurement

7.3.1. Test Limit

The maximum out power shall be less 1 Watt (30dBm).

7.3.2. Test Procedure Used

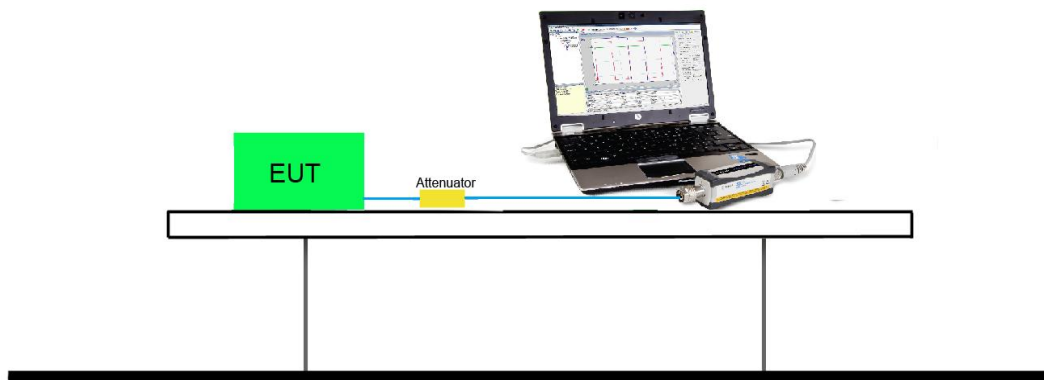
ANSI C63.10-2020 Section 11.9.2.3.2

7.3.3. Test Setting

Average Power Measurement

Average power measurements were performed only when the EUT was transmitting at its maximum power control level using a broadband power meter with a pulse sensor. The power meter implemented triggering and gating capabilities which were set up such that power measurements were recorded only during the ON time of the transmitter. The trace was averaged over 100 traces to obtain the final measured average power.

7.3.4. Test Setup



7.3.5. Test Result of Output Power

Product	2.4&5.8GHz HD Wireless Link	Temperature	25°C
Test Engineer	Yang	Relative Humidity	54%
Test Site	SR6	Test Date	2025/10/23

WVL-A2458J28TTVX32_I_US:

Test Mode	Channel No.	Frequency (MHz)	Average Power (dBm)	Power Limit (dBm)
2.4GHz_Ant 1	CH01	2412	24.05	< 30
	CH02	2444	25.76	< 30
	CH03	2470	19.89	< 30
2.4GHz_Ant 2	CH01	2412	25.17	< 30
	CH02	2444	25.40	< 30
	CH03	2470	19.56	< 30

Note1: Average Power =Reading value on power meter + cable loss.

WVL-A2458J28TTVX32_S_US:

Test Mode	Channel No.	Frequency (MHz)	Average Power (dBm)	Power Limit (dBm)
2.4GHz_Ant 1	CH01	2412	23.01	< 30
	CH02	2444	25.57	< 30
	CH03	2470	18.49	< 30
2.4GHz_Ant 2	CH01	2412	24.36	< 30
	CH02	2444	25.13	< 30
	CH03	2470	18.65	< 30

Note1: Average Power =Reading value on power meter + cable loss.

7.4. Power Spectral Density Measurement

7.4.1. Test Limit

The maximum permissible power spectral density is 8dBm in any 3 kHz band.

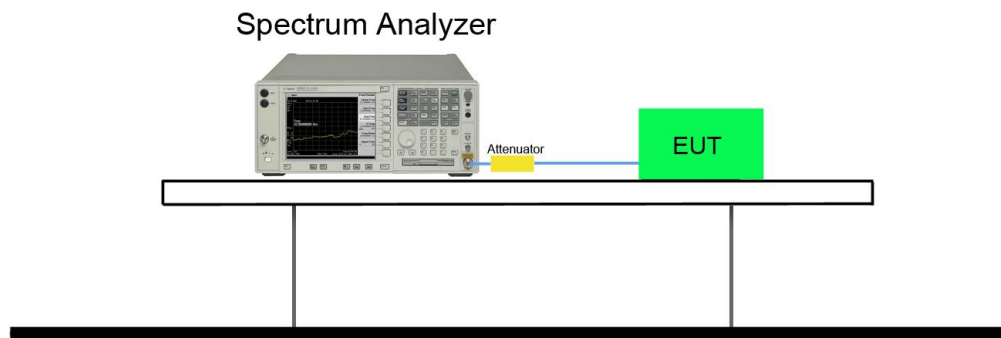
7.4.2. Test Procedure Used

ANSI C63.10-2020 Section 11.10.5

7.4.3. Test Setting

1. Measure the duty cycle (x) of the transmitter output signal
2. Set instrument center frequency to DTS channel center frequency.
3. Set span to at least 1.5 times the OBW.
4. RBW = 10kHz
5. VBW = 30kHz
6. Detector = RMS
7. Ensure that the number of measurement points in the sweep $\geq 2 \times \text{span/RBW}$.
8. Sweep time = auto couple
9. Don't use sweep triggering. Allow sweep to "free run".
10. Employ trace averaging (RMS) mode over a minimum of 100 traces.
11. Use the peak marker function to determine the maximum amplitude level.
12. Add $10 \log (1/x)$, where x is the duty cycle measured in step (a, to the measured PSD to compute the average PSD during the actual transmission time.

7.4.4. Test Setup



7.4.5. Test Result

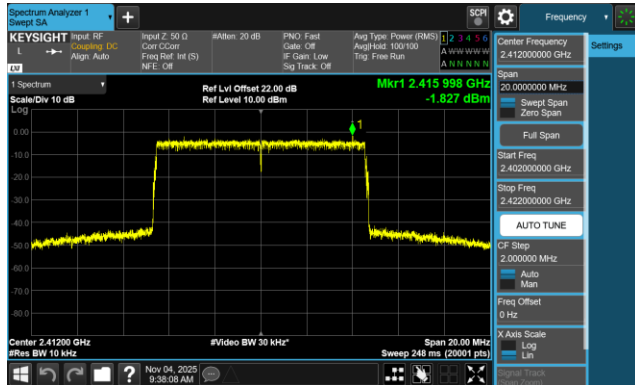
Product	2.4&5.8GHz HD Wireless Link	Temperature	25°C
Test Engineer	Aby	Relative Humidity	54%
Test Site	SR6	Test Date	2025/11/4

Test Mode	Channel No.	Frequency (MHz)	Average PSD (dBm / 10kHz)	Duty Cycle (%)	Total PSD (dBm / 10kHz)	Limit (dBm / 3kHz)	Result
2.4GHz_Ant 1	CH01	2412	-1.827	91.36%	-1.435	≤ 8	Pass
	CH02	2444	-0.383	91.36%	0.009	≤ 8	Pass
	CH03	2470	-6.981	91.36%	-6.589	≤ 8	Pass
2.4GHz_Ant 2	CH01	2412	-2.544	91.36%	-2.152	≤ 8	Pass
	CH02	2444	0.226	91.36%	0.618	≤ 8	Pass
	CH03	2470	-7.248	91.36%	-6.856	≤ 8	Pass

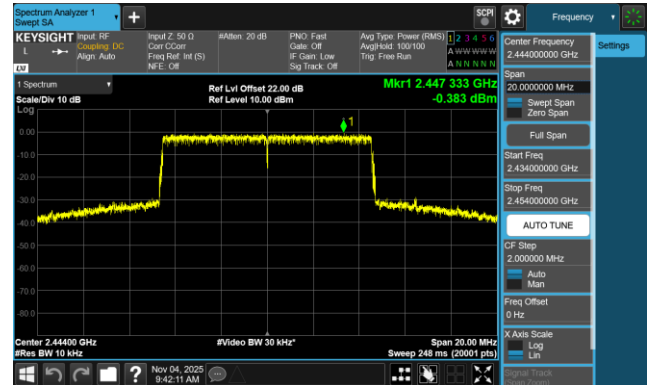
Note: Total PSD= Average PSD + + 10*log (1/Duty Cycle).

Ant 1

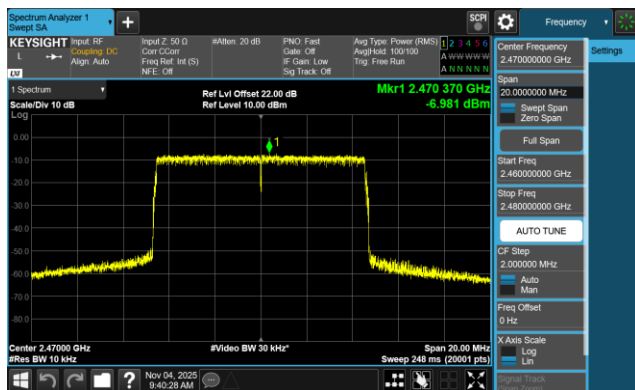
CH01 (2412MHz)



CH02 (2444MHz)

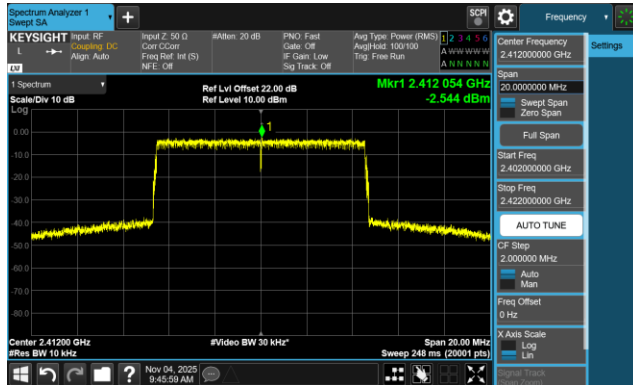


CH03 (2470MHz)

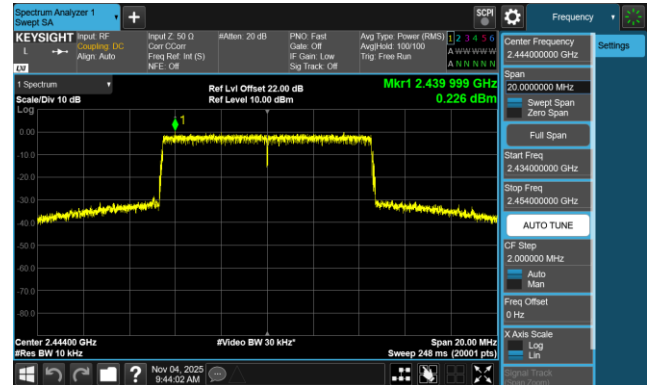


Ant 2

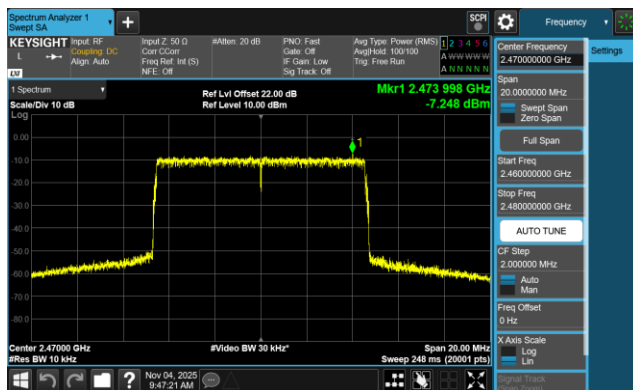
CH01 (2412MHz)



CH02 (2444MHz)



CH03 (2470MHz)



7.5. Out-of-Band Spurious Emissions Emissions Measurement

7.5.1. Test Limit

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 30 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on RF conducted measurement, provided the transmitter demonstrates compliance with the peak conducted power limits.

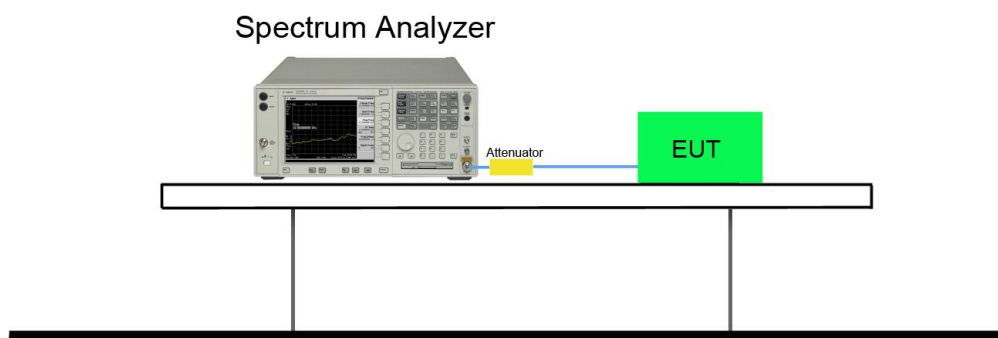
7.5.2. Test Procedure Used

ANSI C63.10- Section 11.1 & 11.2

7.5.3. Test Setting

- (a) Set instrument center frequency to DTS channel center frequency
- (b) Set the span to ≥ 1.5 times the DTS bandwidth
- (c) Set the RBW = 100 kHz
- (d) Set the VBW $\geq 3 \times$ RBW
- (e) Detector = peak
- (f) Sweep time = auto couple
- (g) Trace mode = max hold
- (h) Allow trace to fully stabilize

7.5.4. Test Setup



7.5.5. Test Result

Product	2.4&5.8GHz HD Wireless Link	Temperature	25°C
Test Engineer	Aby	Relative Humidity	54%
Test Site	SR6	Test Date	2025/11/4

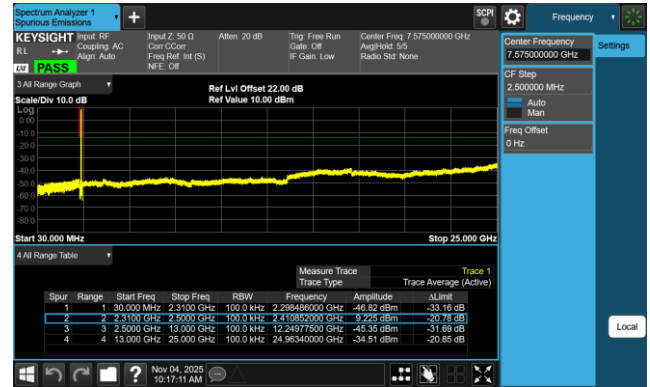
Test Mode	Channel No.	Frequency (MHz)	Limit	Result
2.4GHz_Ant 1	CH01	2412	30dBc	Pass
	CH02	2444	30dBc	Pass
	CH03	2470	30dBc	Pass
2.4GHz_Ant 2	CH01	2412	30dBc	Pass
	CH02	2444	30dBc	Pass
	CH03	2470	30dBc	Pass

Ant 1

CH01 (2412MHz)



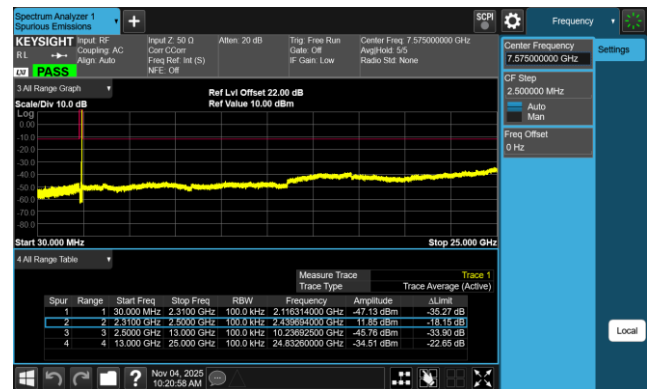
CH01 (2412MHz)



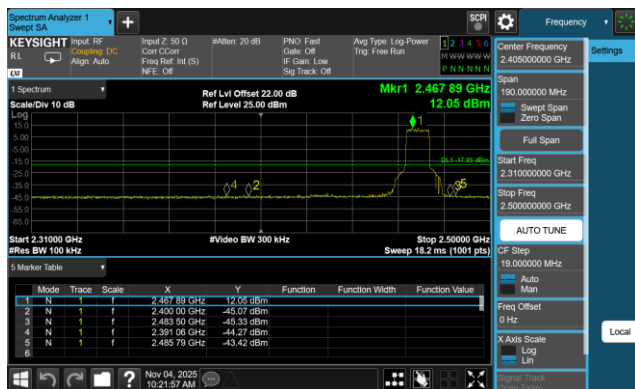
CH02 (2444MHz)



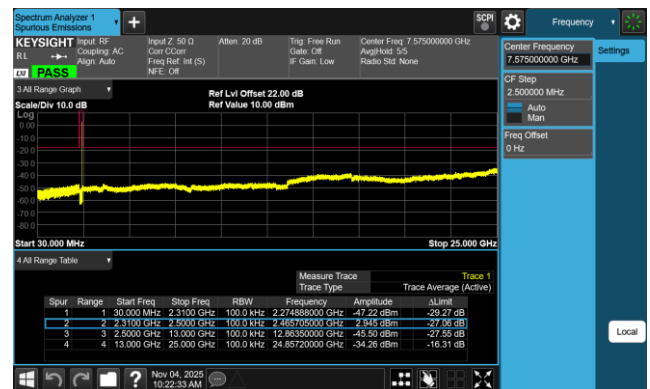
CH02 (2444MHz)



CH03 (2470MHz)



CH03 (2470MHz)

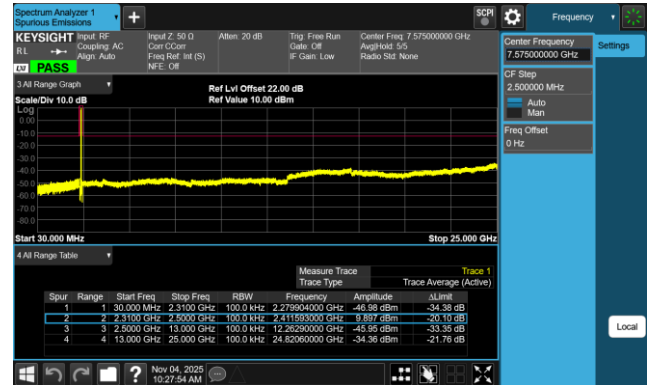


Ant 2

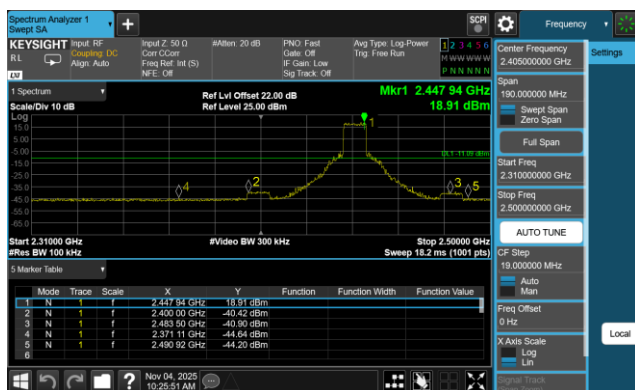
CH01 (2412MHz)



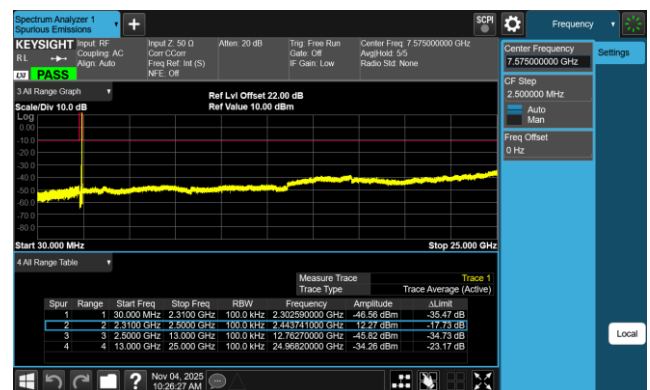
CH01 (2412MHz)



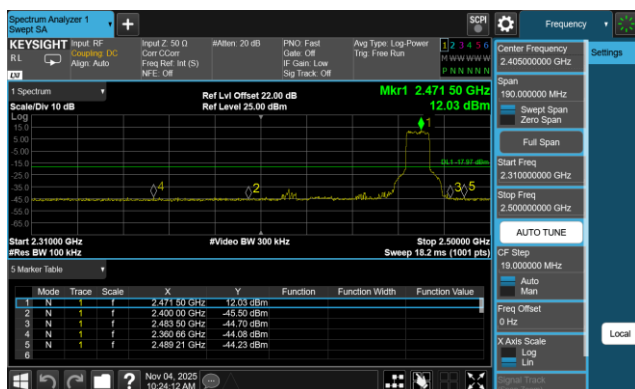
CH02 (2444MHz)



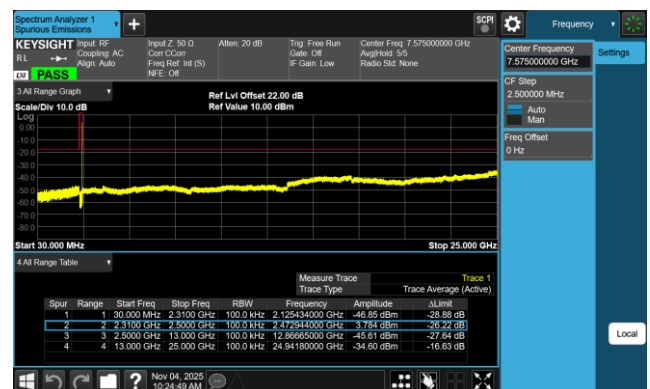
CH02 (2444MHz)



CH03 (2470MHz)



CH03 (2470MHz)



7.6. Radiated Spurious Emission Measurement

7.6.1. Test Limit

All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47 CFR must not exceed the limits shown in Table per Section 15.209.

FCC Part 15 Subpart C Paragraph 15.209		
Frequency [MHz]	Field Strength [V/m]	Measured Distance [Meters]
0.009 - 0.490	2400/F (kHz)	300
0.490 - 1.705	24000/F (kHz)	30
1.705 - 30	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

7.6.2. Test Procedure Used

ANSI C63.10 - Section 11.12.2.3 (quasi-peak measurements)

ANSI C63.10 - Section 11.12.2.4 (peak power measurements)

ANSI C63.10 - Section 11.12.2.5 (average power measurements)

7.6.3. Test Setting

Peak Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = as specified in Table 1
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple

6. Trace mode = max hold

7. Trace was allowed to stabilize

Table 1 - RBW as a function of frequency

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

Average Field Strength Measurements

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

2. RBW = 1MHz

3. VBW $\geq 1/T$

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

5. Detector = Peak

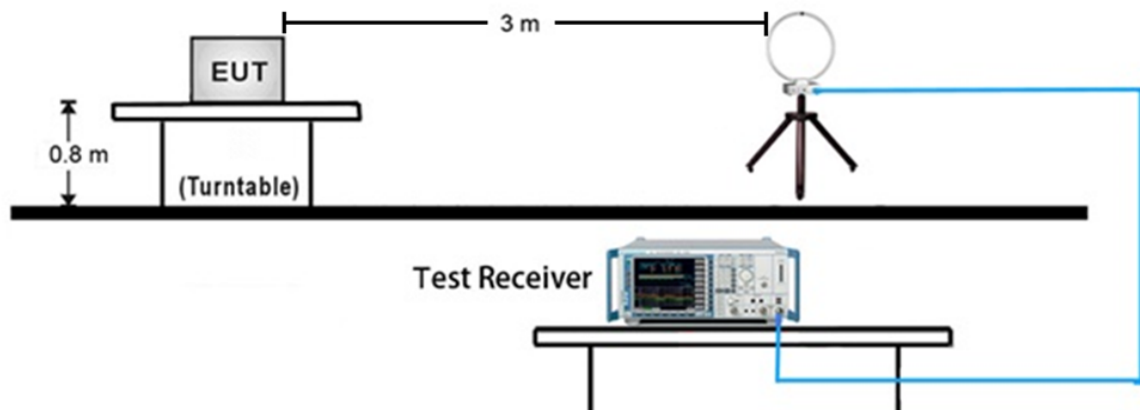
6. Sweep time = auto

7. Trace mode = max hold

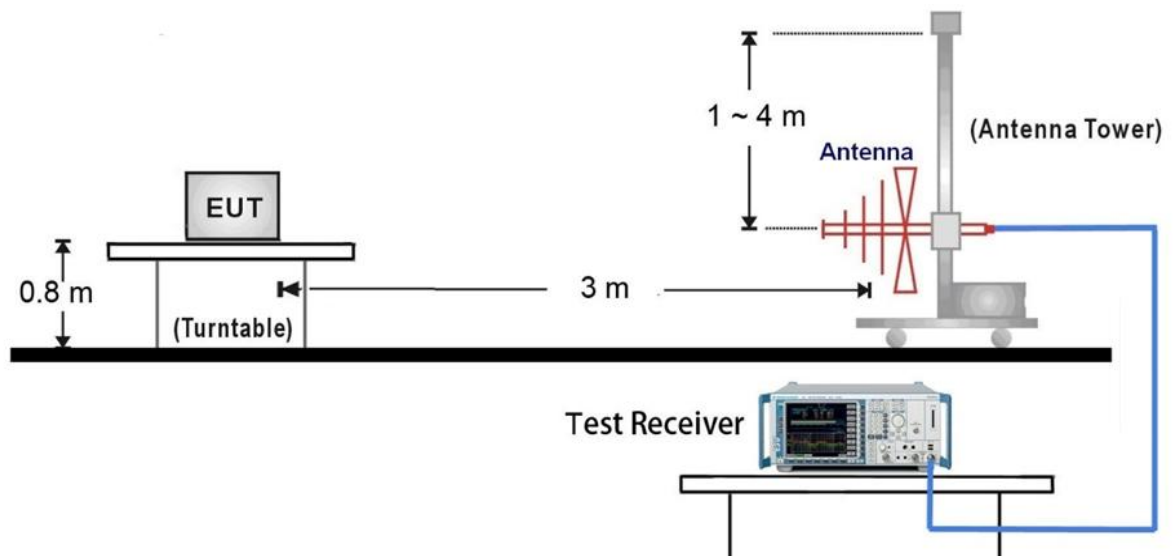
8. Allow max hold to run for at least 50 times (1/duty cycle) traces

7.6.4. Test Setup

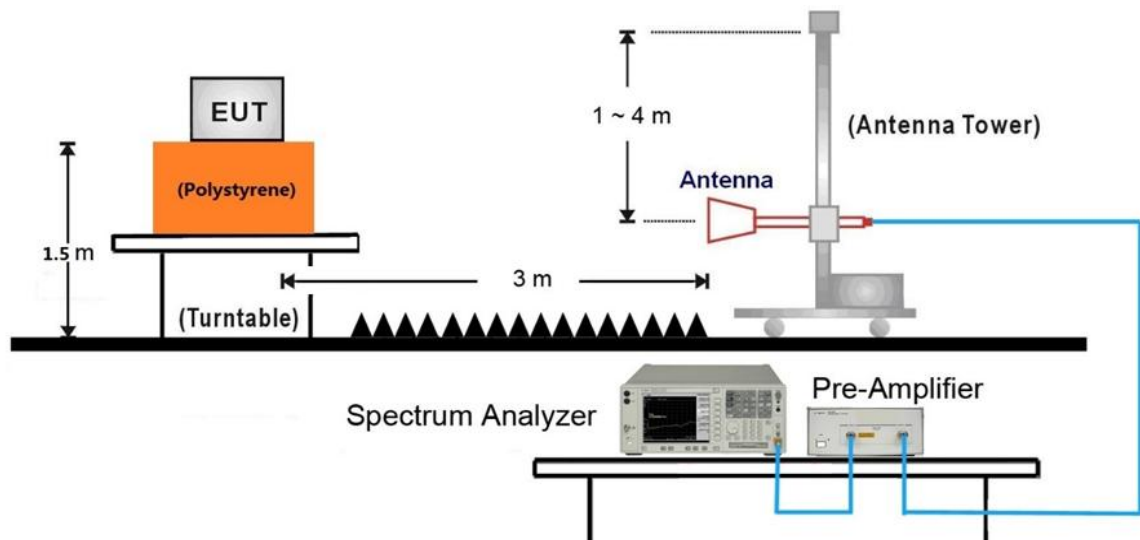
9kHz ~ 30MHz Test Setup:



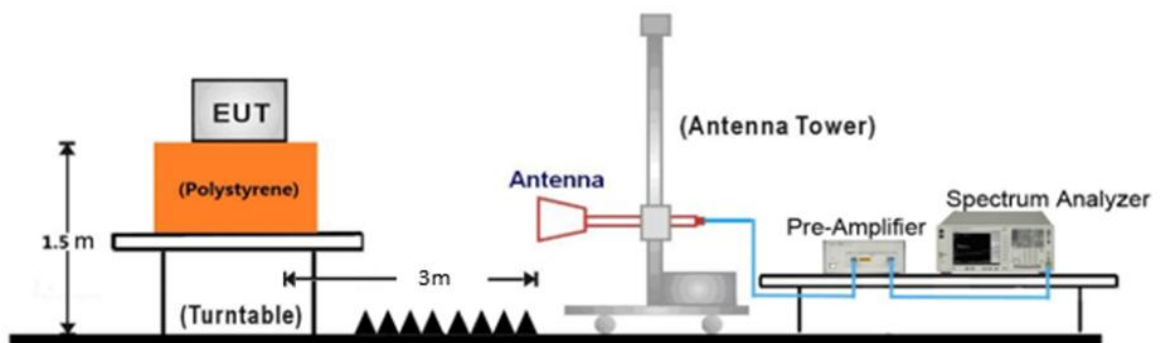
30MHz ~ 1GHz Test Setup:



1GHz ~ 18GHz Test Setup:

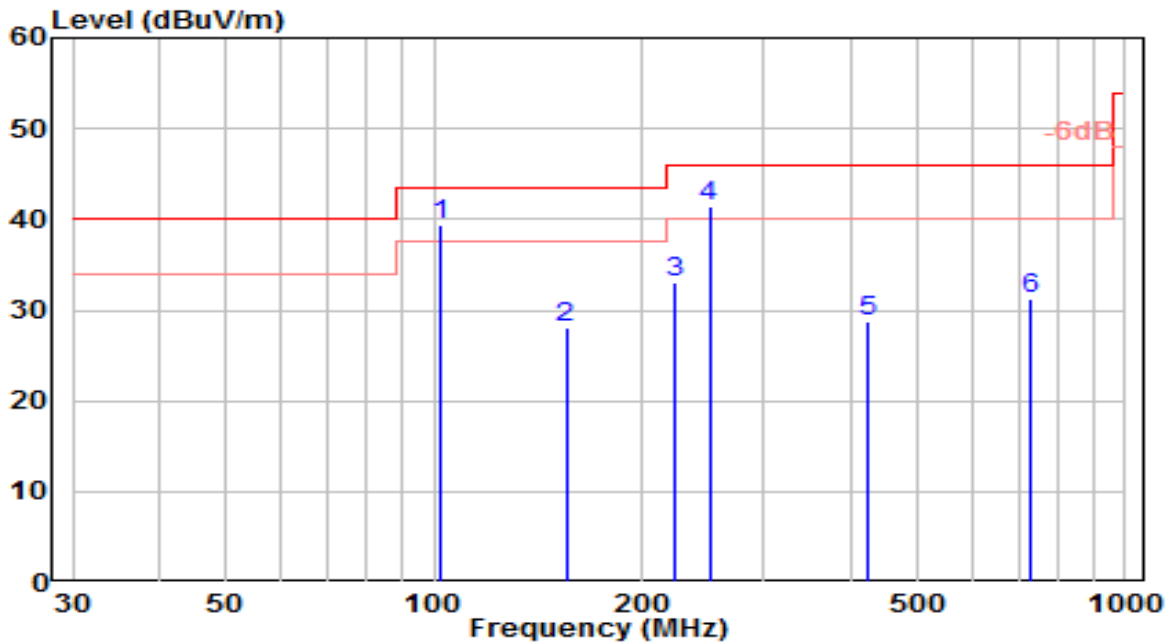


18GHz ~25GHz Test Setup:



7.6.5. Test Result

EUT	2.4&5.8GHz HD Wireless Link	Date of Test	2025-10-30
Factor	VULB 9162	Temp. / Humidity	24°C /65%
Polarity	Horizontal	Site / Test Engineer	AC1 / James
Test Mode	SRD 2.4G_TX_2444MHz_ANT 1	Test Voltage	AC 120V/60Hz

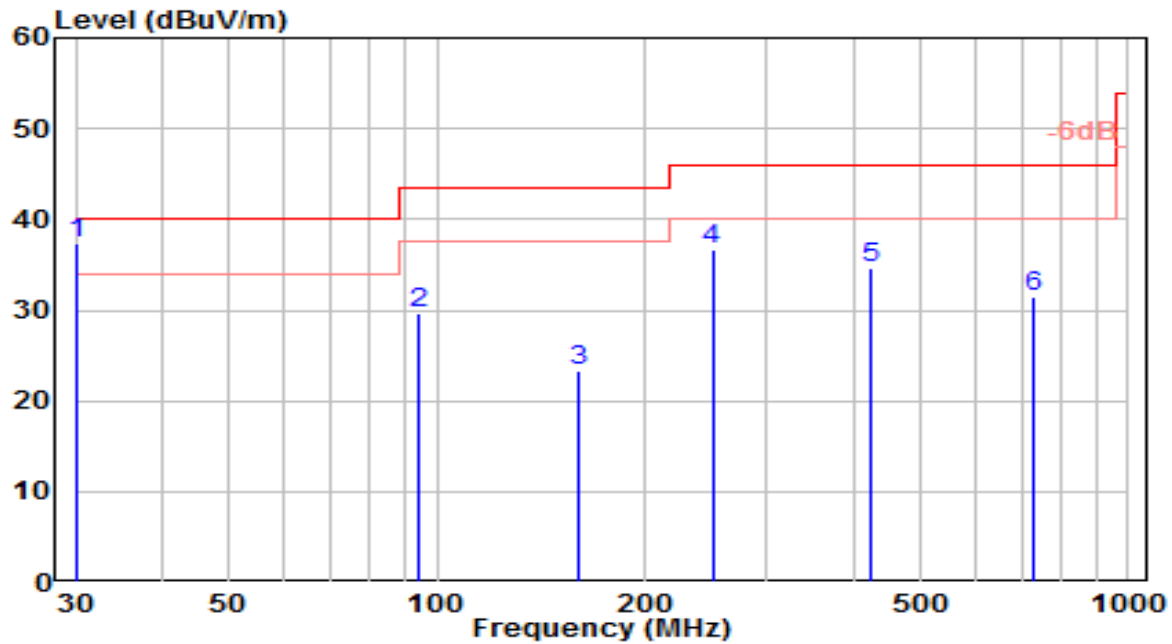


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	101.780	20.62	18.86	39.48	-4.02	43.50	150	360	QP
2		155.130	12.29	15.82	28.11	-15.39	43.50	100	295	QP
3		224.000	13.81	19.18	32.99	-13.01	46.00	100	315	QP
4		250.190	20.90	20.43	41.33	-4.67	46.00	100	300	QP
5		423.820	4.79	24.04	28.84	-17.16	46.00	150	260	QP
6		730.340	2.07	29.24	31.32	-14.68	46.00	100	254	QP

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. The amplitude of radiated emissions (frequency range from 9kHz to 30MHz) is that proximity to ambient noise, which also are attenuated more than 20dB below the permissible value. Therefore, the data is not presented in the report.

EUT	2.4&5.8GHz HD Wireless Link	Date of Test	2025-10-30
Factor	VULB 9162	Temp. / Humidity	24°C /65%
Polarity	Vertical	Site / Test Engineer	AC1 / James
Test Mode	SRD 2.4G_TX_2444MHz_ANT 1	Test Voltage	AC 120V/60Hz

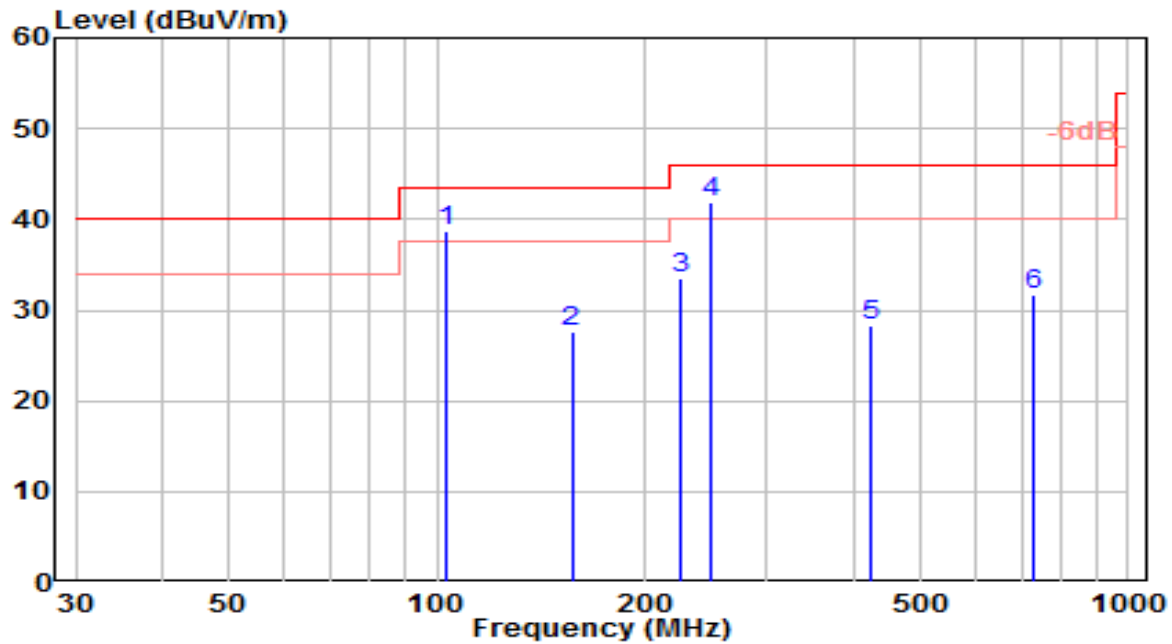


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	30.000	20.00	17.44	37.44	-2.56	40.00	100	210	QP
2		94.020	11.82	17.85	29.67	-13.83	43.50	150	50	QP
3		159.980	7.39	16.03	23.41	-20.09	43.50	100	255	QP
4		250.190	16.29	20.43	36.72	-9.28	46.00	150	280	QP
5		423.820	10.59	24.04	34.64	-11.36	46.00	100	215	QP
6		732.280	2.11	29.28	31.39	-14.61	46.00	150	250	QP

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. The amplitude of radiated emissions (frequency range from 9kHz to 30MHz) is that proximity to ambient noise, which also are attenuated more than 20dB below the permissible value. Therefore, the data is not presented in the report.

EUT	2.4&5.8GHz HD Wireless Link	Date of Test	2025-10-30
Factor	VULB 9162	Temp. / Humidity	24°C /65%
Polarity	Horizontal	Site / Test Engineer	AC1 / James
Test Mode	SRD 2.4G_TX_2444MHz_ANT 2	Test Voltage	AC 120V/60Hz

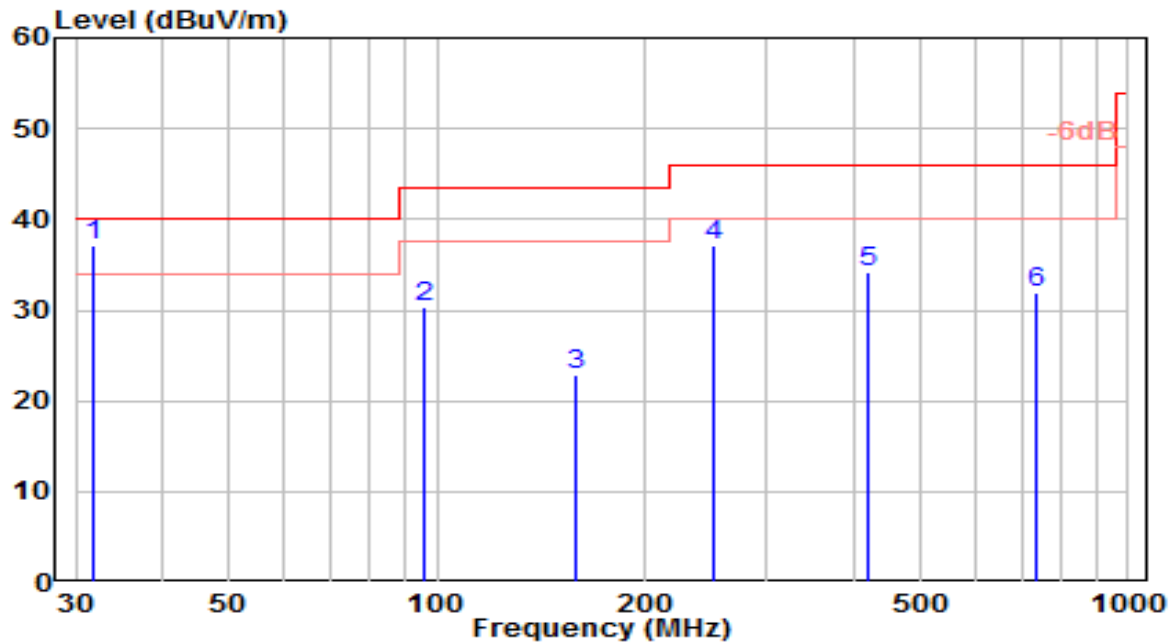


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	103.115	19.99	18.84	38.83	-4.67	43.50	150	360	QP
2	156.564	11.79	15.88	27.67	-15.83	43.50	100	295	QP
3	225.668	14.26	19.29	33.55	-12.45	46.00	100	315	QP
4	* 248.444	21.64	20.35	41.99	-4.01	46.00	100	300	QP
5	425.679	4.15	24.06	28.21	-17.79	46.00	150	260	QP
6	728.666	2.52	29.21	31.73	-14.27	46.00	100	254	QP

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. The amplitude of radiated emissions (frequency range from 9kHz to 30MHz) is that proximity to ambient noise, which also are attenuated more than 20dB below the permissible value. Therefore, the data is not presented in the report.

EUT	2.4&5.8GHz HD Wireless Link	Date of Test	2025-10-30
Factor	VULB 9162	Temp. / Humidity	24°C /65%
Polarity	Vertical	Site / Test Engineer	AC1 / James
Test Mode	SRD 2.4G_TX_2444MHz_ANT 2	Test Voltage	AC 120V/60Hz

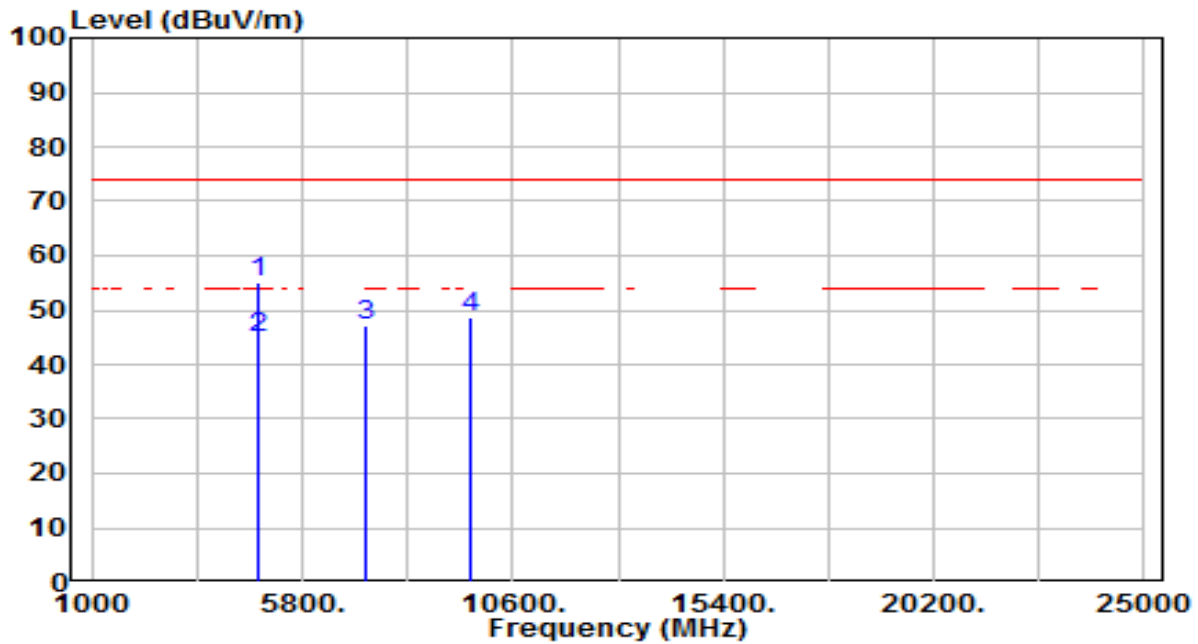


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	31.765	19.38	17.73	37.11	-2.89	40.00	100	210	QP
2		95.878	12.24	18.17	30.41	-13.09	43.50	150	50	QP
3		158.316	6.99	15.96	22.95	-20.55	43.50	100	255	QP
4		251.846	16.79	20.45	37.24	-8.76	46.00	150	280	QP
5		422.137	10.07	24.03	34.10	-11.90	46.00	100	215	QP
6		734.102	2.62	29.31	31.94	-14.06	46.00	150	250	QP

Note:

- "*", means this data is the worst emission level.
- C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB).
- Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
- The emission levels of other frequencies are very lower than the limit and not show in test report.
- The amplitude of radiated emissions (frequency range from 9kHz to 30MHz) is that proximity to ambient noise, which also are attenuated more than 20dB below the permissible value. Therefore, the data is not presented in the report.

EUT	2.4&5.8GHz HD Wireless Link	Date of Test	2025-10-29
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	26°C /69%
Polarity	Horizontal	Site / Test Engineer	AC1 / James
Test Mode	SRD 2.4G_TX_2412MHz_ANT 1	Test Voltage	AC 120V/60Hz

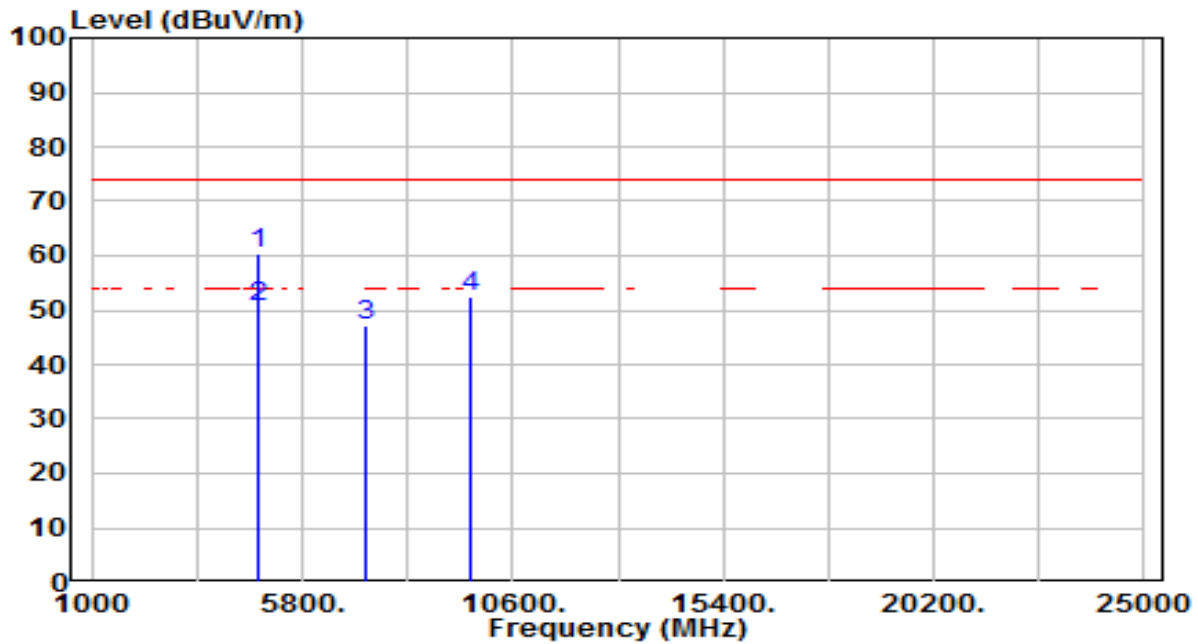


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	4824.000	50.54	4.56	55.10	-18.90	74.00	200	124	Peak
2	*	4824.000	40.18	4.56	44.74	-9.26	54.00	200	124	Average
3		7236.000	37.64	9.57	47.21	-26.79	74.00	200	127	Peak
4		9648.000	39.56	9.12	48.67	-25.33	74.00	200	136	Peak

Note:

- "*", means this data is the worst emission level.
- C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
- Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
- The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	2.4&5.8GHz HD Wireless Link	Date of Test	2025-10-29
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	26°C /69%
Polarity	Vertical	Site / Test Engineer	AC1 / James
Test Mode	SRD 2.4G_TX_2412MHz_ANT 1	Test Voltage	AC 120V/60Hz

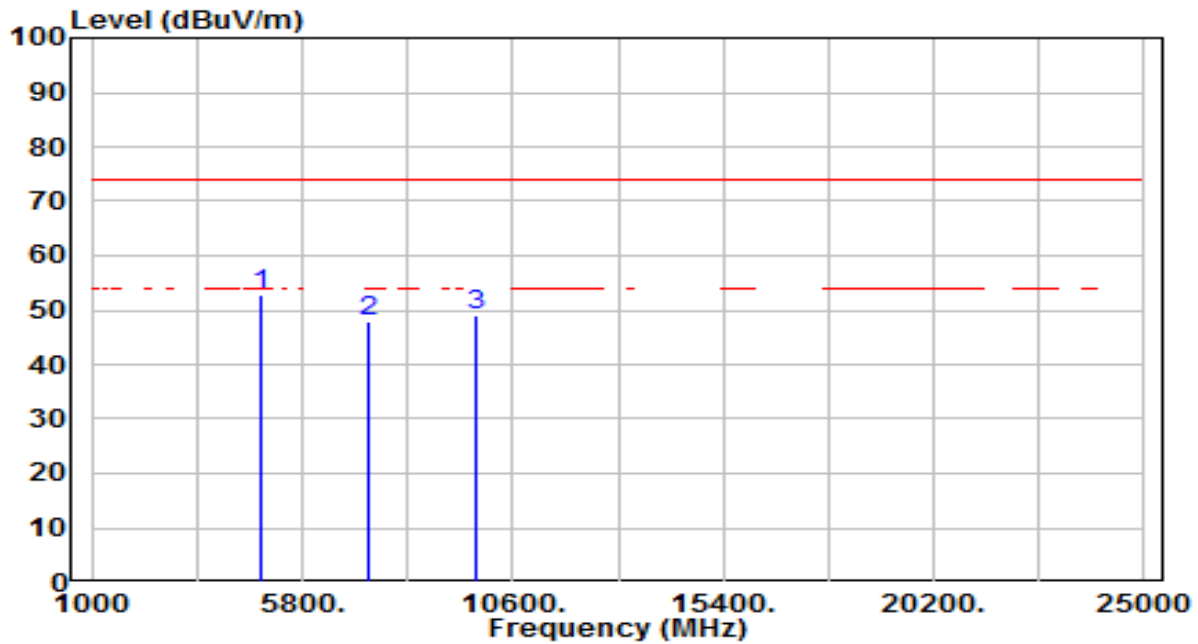


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	4824.000	55.68	4.56	60.24	-13.76	74.00	200	137	Peak
2	*	4824.000	45.97	4.56	50.53	-3.47	54.00	200	137	Average
3		7236.000	37.77	9.57	47.34	-26.66	74.00	200	188	Peak
4		9648.000	43.34	9.12	52.46	-21.54	74.00	200	358	Peak

Note:

- "*", means this data is the worst emission level.
- C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
- Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
- The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	2.4&5.8GHz HD Wireless Link	Date of Test	2025-10-29
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	26°C /69%
Polarity	Horizontal	Site / Test Engineer	AC1 / James
Test Mode	SRD 2.4G_TX_2444MHz_ANT 1	Test Voltage	AC 120V/60Hz

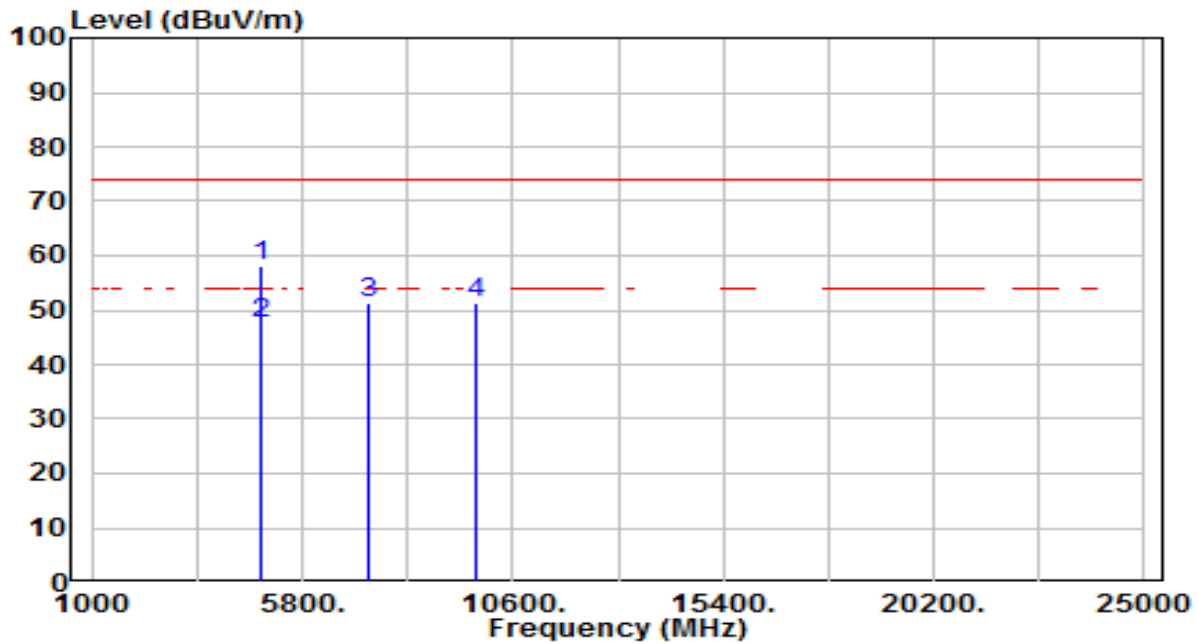


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	4888.000	48.13	4.65	52.77	-21.23	74.00	200	124	Peak
2		7332.000	38.33	9.65	47.99	-26.01	74.00	200	222	Peak
3		9776.000	39.77	9.20	48.97	-25.03	74.00	200	360	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	2.4&5.8GHz HD Wireless Link	Date of Test	2025-10-29
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	26°C /69%
Polarity	Vertical	Site / Test Engineer	AC1 / James
Test Mode	SRD 2.4G_TX_2444MHz_ANT 1	Test Voltage	AC 120V/60Hz

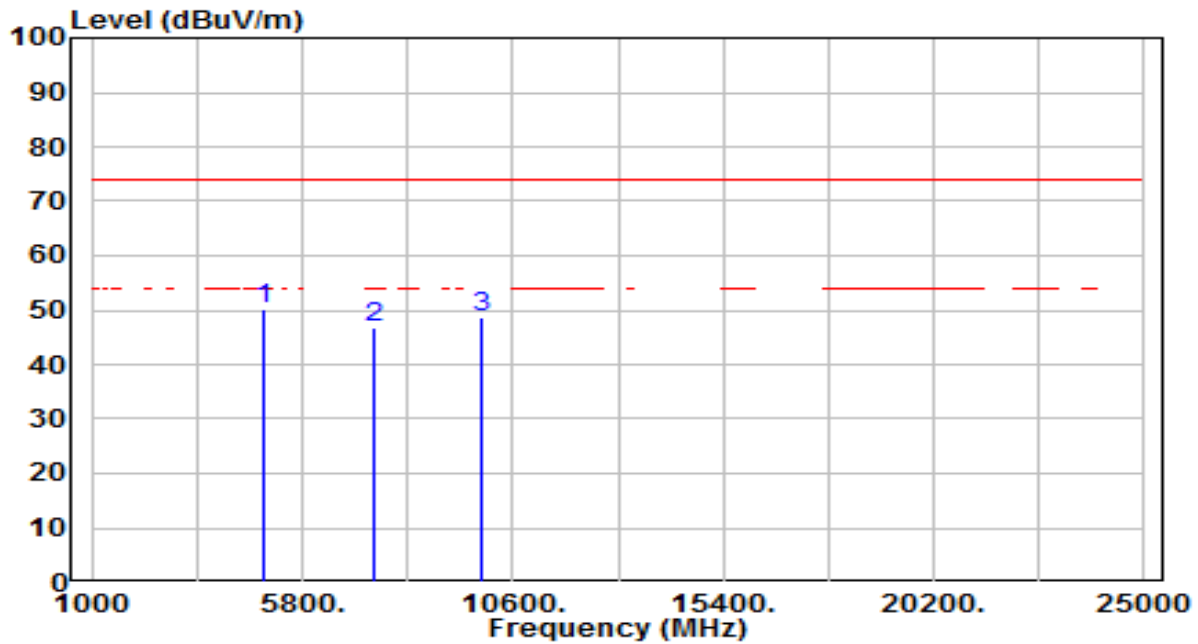


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	4888.000	53.39	4.65	58.03	-15.97	74.00	200	144	Peak
2	*	4888.000	42.97	4.65	47.62	-6.38	54.00	200	144	Average
3		7332.000	41.73	9.65	51.38	-22.62	74.00	200	358	Peak
4		9776.000	42.06	9.20	51.26	-22.74	74.00	200	348	Peak

Note:

- "*", means this data is the worst emission level.
- C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
- Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
- The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	2.4&5.8GHz HD Wireless Link	Date of Test	2025-10-29
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	26°C /69%
Polarity	Horizontal	Site / Test Engineer	AC1 / James
Test Mode	SRD 2.4G_TX_2470MHz_ANT 1	Test Voltage	AC 120V/60Hz

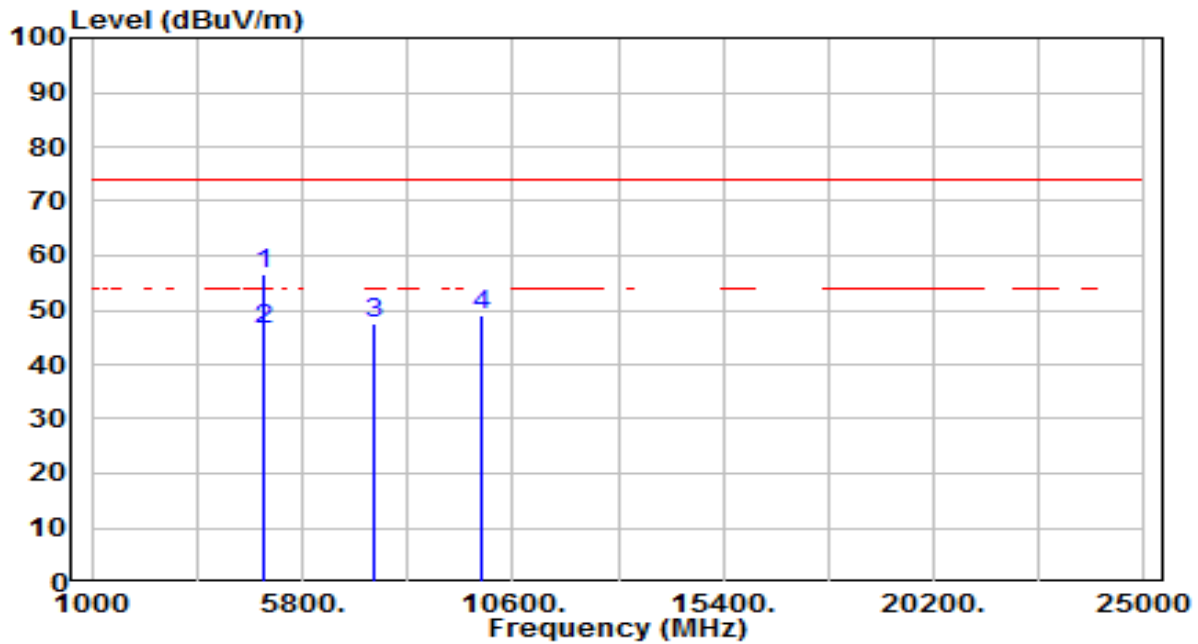


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	4940.000	45.57	4.77	50.35	-23.65	74.00	200	121	Peak
2		7410.000	36.95	9.68	46.64	-27.36	74.00	200	281	Peak
3		9880.000	39.56	9.28	48.84	-25.16	74.00	200	162	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	2.4&5.8GHz HD Wireless Link	Date of Test	2025-10-29
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	26°C /69%
Polarity	Vertical	Site / Test Engineer	AC1 / James
Test Mode	SRD 2.4G_TX_2470MHz_ANT 1	Test Voltage	AC 120V/60Hz

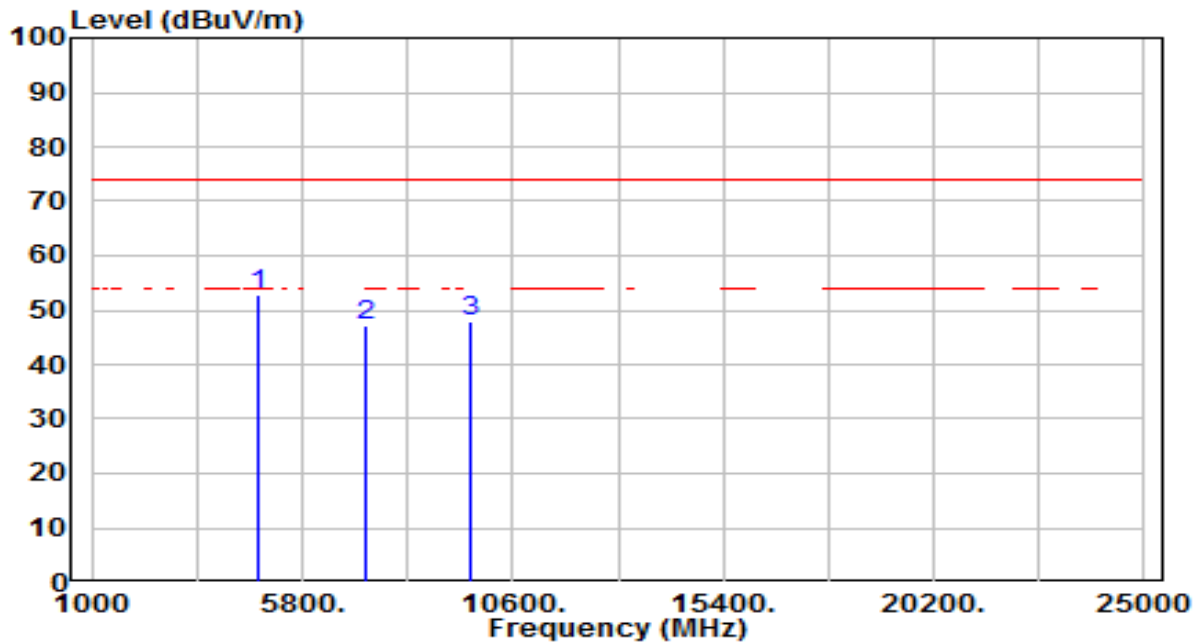


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	4940.000	51.69	4.77	56.46	-17.54	74.00	200	133	Peak
2	*	4940.000	41.51	4.77	46.28	-7.72	54.00	200	133	Average
3		7410.000	38.04	9.68	47.72	-26.28	74.00	200	214	Peak
4		9880.000	39.79	9.28	49.07	-24.93	74.00	200	220	Peak

Note:

- "*", means this data is the worst emission level.
- C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
- Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
- The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	2.4&5.8GHz HD Wireless Link	Date of Test	2025-10-29
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	26°C /69%
Polarity	Horizontal	Site / Test Engineer	AC1 / James
Test Mode	SRD 2.4G_TX_2412MHz_ANT 2	Test Voltage	AC 120V/60Hz

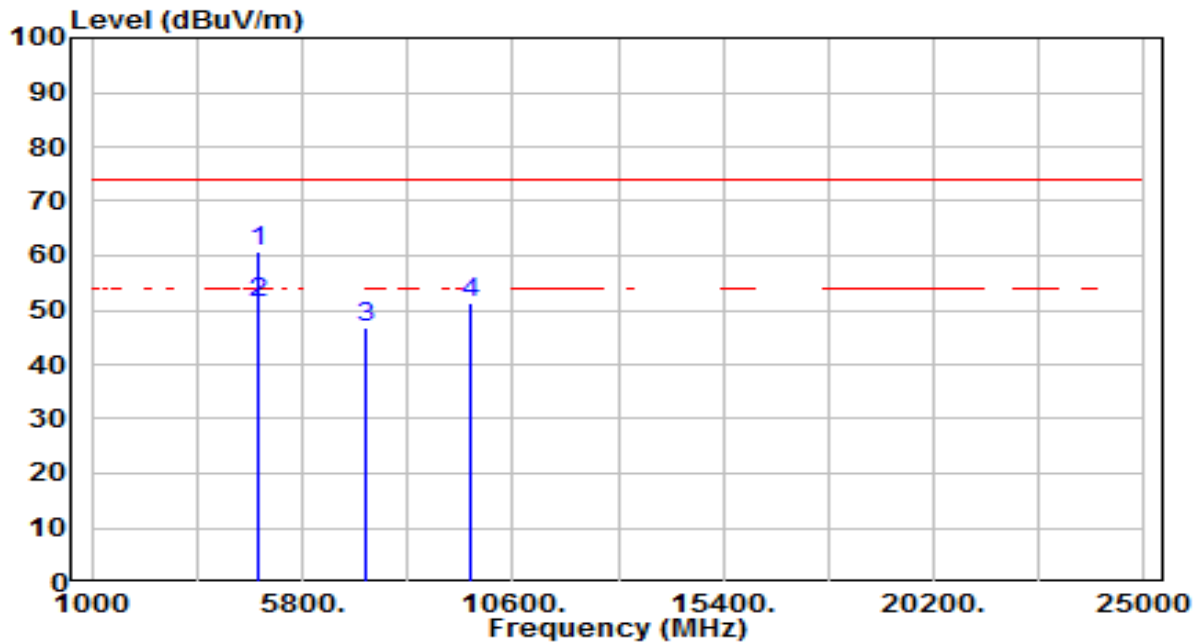


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	4824.000	48.43	4.56	52.99	-21.01	74.00	200	125	Peak
2		7236.000	37.52	9.57	47.10	-26.90	74.00	200	360	Peak
3		9648.000	38.84	9.12	47.96	-26.04	74.00	200	12	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	2.4&5.8GHz HD Wireless Link	Date of Test	2025-10-29
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	26°C /69%
Polarity	Vertical	Site / Test Engineer	AC1 / James
Test Mode	SRD 2.4G_TX_2412MHz_ANT 2	Test Voltage	AC 120V/60Hz

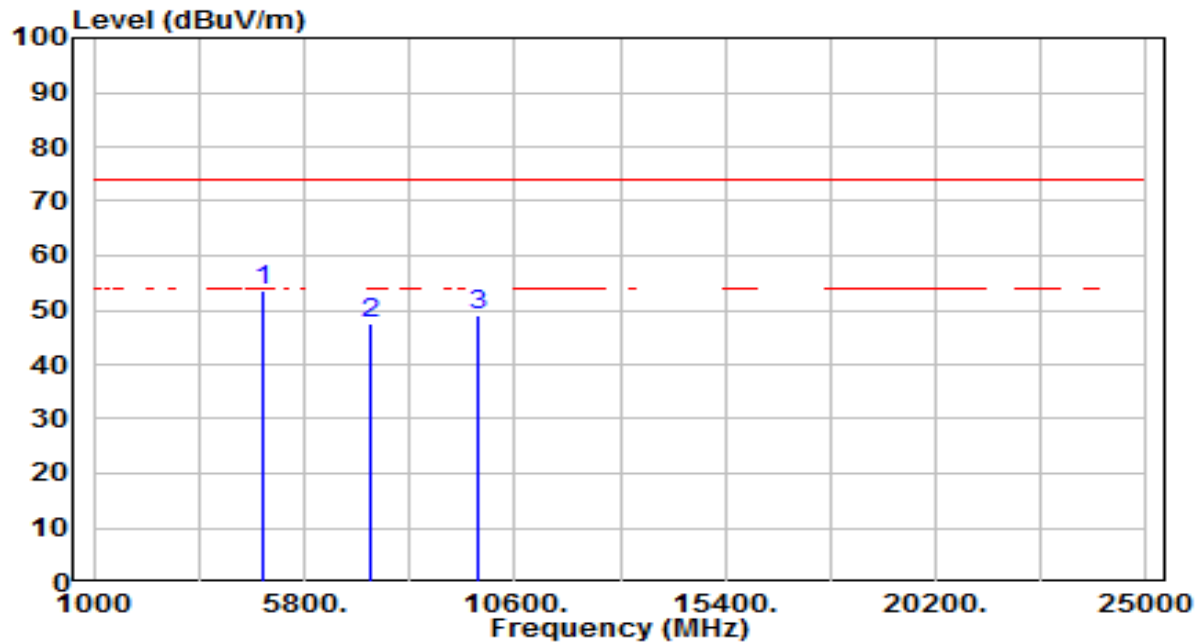


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	4824.000	56.20	4.56	60.76	-13.24	74.00	200	5	Peak
2	*	4824.000	46.67	4.56	51.23	-2.77	54.00	200	5	Average
3		7236.000	37.05	9.57	46.63	-27.37	74.00	200	351	Peak
4		9648.000	42.11	9.12	51.23	-22.77	74.00	200	348	Peak

Note:

- "*", means this data is the worst emission level.
- C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
- Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
- The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	2.4&5.8GHz HD Wireless Link	Date of Test	2025-10-29
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	26°C /69%
Polarity	Horizontal	Site / Test Engineer	AC1 / James
Test Mode	SRD 2.4G_TX_2444MHz_ANT 2	Test Voltage	AC 120V/60Hz

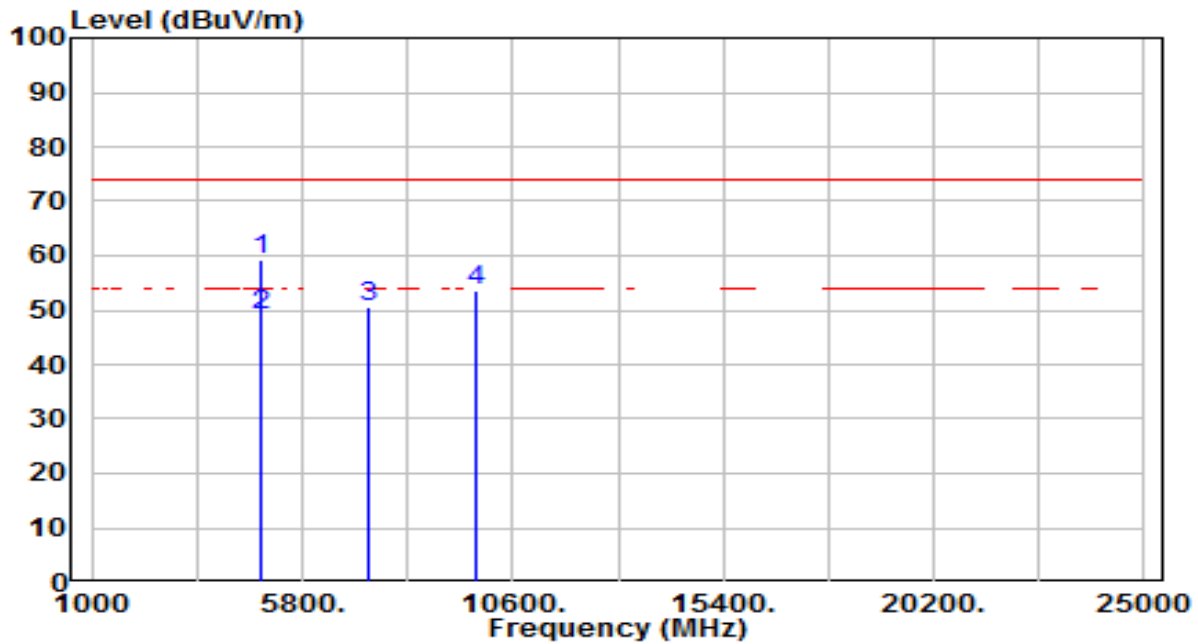


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 4888.000	48.85	4.65	53.50	-20.50	74.00	200	117	Peak
2	7332.000	37.94	9.65	47.59	-26.41	74.00	200	6	Peak
3	9776.000	40.03	9.20	49.23	-24.77	74.00	200	117	Peak

Note:

- "*" means this data is the worst emission level.
- C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
- Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
- The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	2.4&5.8GHz HD Wireless Link	Date of Test	2025-10-29
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	26°C /69%
Polarity	Vertical	Site / Test Engineer	AC1 / James
Test Mode	SRD 2.4G_TX_2444MHz_ANT 2	Test Voltage	AC 120V/60Hz

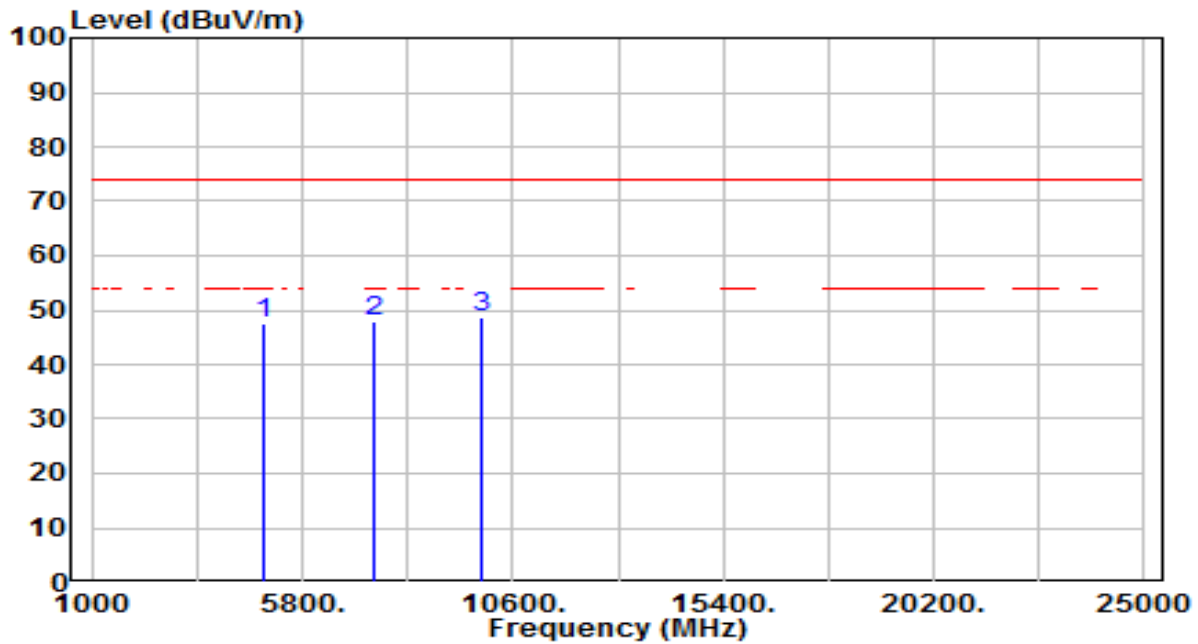


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	4888.000	54.61	4.65	59.25	-14.75	74.00	200	135	Peak
2	*	4888.000	44.50	4.65	49.15	-4.85	54.00	200	135	Average
3		7332.000	40.91	9.65	50.56	-23.44	74.00	200	11	Peak
4		9776.000	44.45	9.20	53.65	-20.35	74.00	200	348	Peak

Note:

- "*", means this data is the worst emission level.
- C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
- Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
- The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	2.4&5.8GHz HD Wireless Link	Date of Test	2025-10-29
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	26°C /69%
Polarity	Horizontal	Site / Test Engineer	AC1 / James
Test Mode	SRD 2.4G_TX_2470MHz_ANT 2	Test Voltage	AC 120V/60Hz

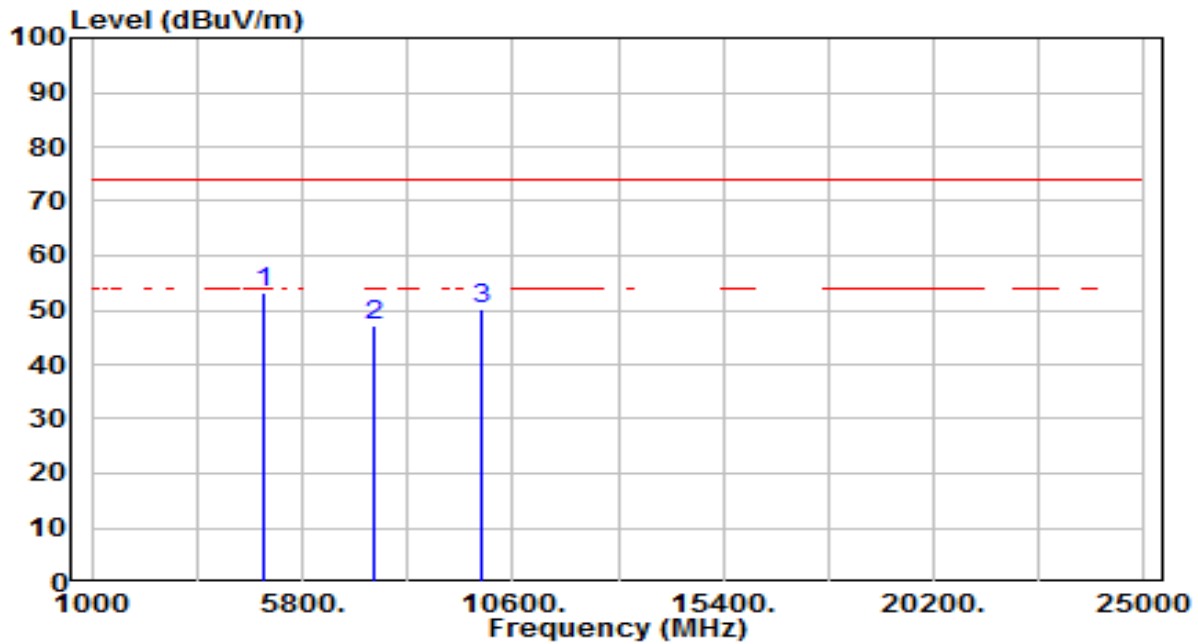


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	4940.000	42.66	4.77	47.43	-26.57	74.00	200	120	Peak
2	7410.000	38.11	9.68	47.79	-26.21	74.00	200	352	Peak
3	* 9880.000	39.43	9.28	48.71	-25.29	74.00	200	103	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	2.4&5.8GHz HD Wireless Link	Date of Test	2025-10-29
Factor	DRH18-E & BBHA 9170	Temp. / Humidity	26°C /69%
Polarity	Vertical	Site / Test Engineer	AC1 / James
Test Mode	SRD 2.4G_TX_2470MHz_ANT 2	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	4940.000	48.27	4.77	53.04	-20.96	74.00	200	351	Peak
2		7410.000	37.53	9.68	47.22	-26.78	74.00	200	266	Peak
3		9880.000	41.09	9.28	50.37	-23.63	74.00	200	140	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

7.7. Radiated Restricted Band Edge Measurement

7.7.1. Test Limit

All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47 CFR must not exceed the limits shown in Table per Section 15.209.

FCC Part 15 Subpart C Paragraph 15.209		
Frequency [MHz]	Field Strength [V/m]	Measured Distance [Meters]
0.009 - 0.490	2400/F (kHz)	300
0.490 - 1.705	24000/F (kHz)	30
1.705 – 30	30	30
30 – 88	100	3
88 – 216	150	3
216 – 960	200	3
Above 960	500	3

7.7.2. Test Procedure Used

ANSI C63.10-2020 - Section 11.13

7.7.3. Test Setting

Peak Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = as specified in Table 1
3. VBW = 3 * RBW
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

Table 1 - RBW as a function of frequency

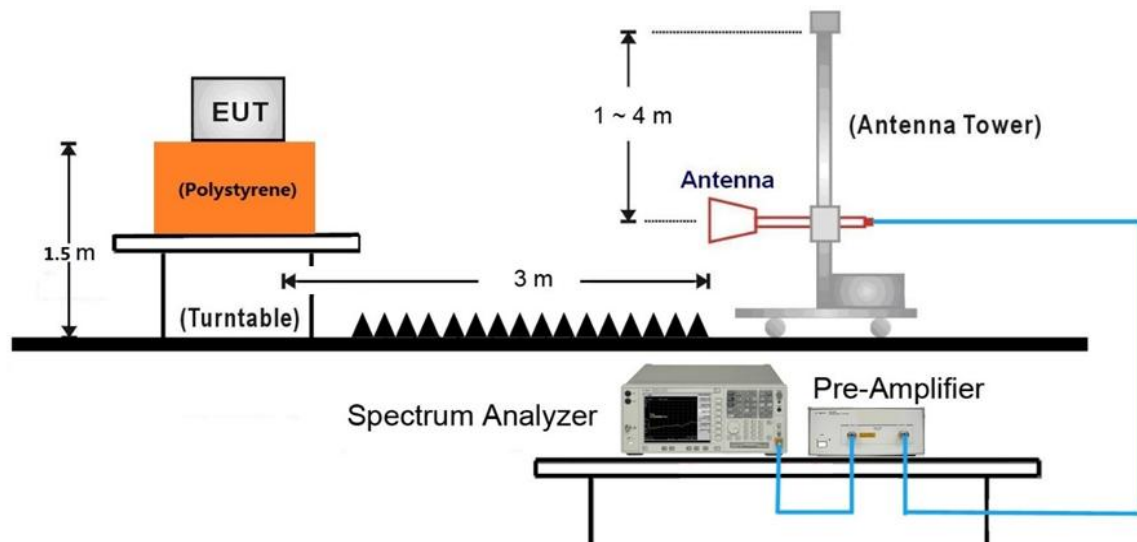
Frequency	RBW
9 ~ 150 kHz	200 ~ 300 Hz
0.15 ~ 30 MHz	9 ~ 10 kHz
30 ~ 1000 MHz	100 ~ 120 kHz
> 1000 MHz	1 MHz

Average Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW $\geq 1/T$
4. De As an alternative, the instrument may be set to linear detector mode. Ensure that video filtering is applied in linear voltage domain (rather than in a log or dB domain). Some instruments require linear display mode in order to accomplish this. Others have a setting for Average-VBW Type, which can be set to "Voltage" regardless of the display mode
5. Detector = Peak
6. Sweep time = auto
7. Trace mode = max hold
8. Allow max hold to run for at least 50 times (1/duty cycle) traces

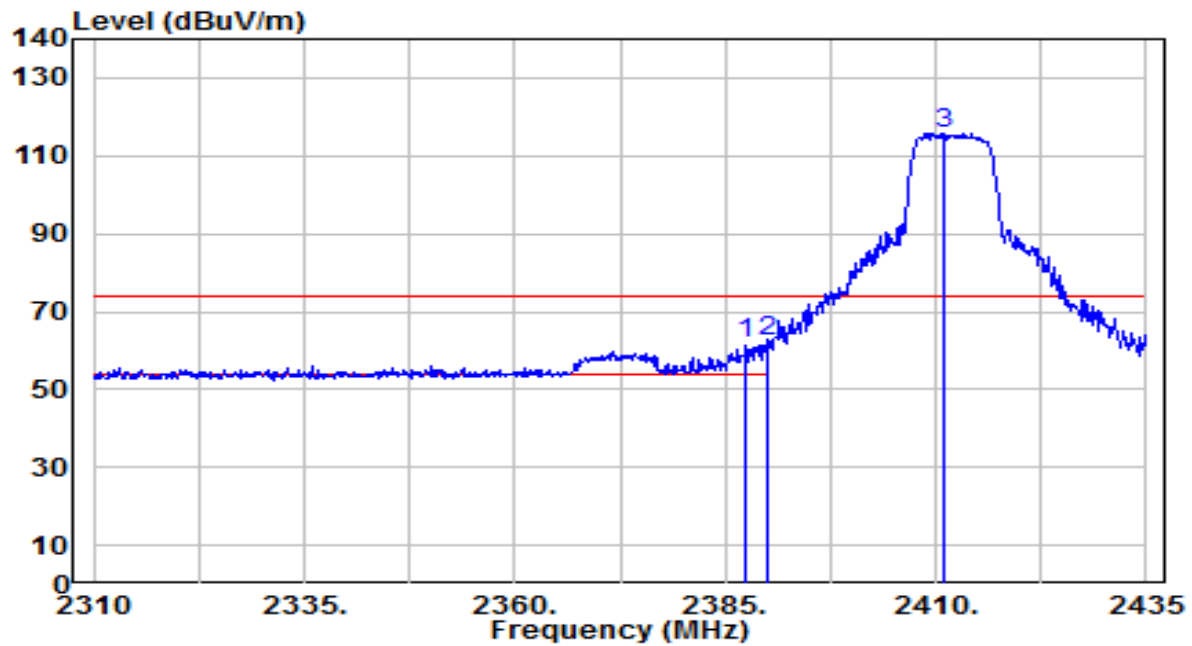
7.7.4. Test Setup

1GHz ~ 18GHz Test Setup:



7.7.5. Test Result

EUT	2.4&5.8GHz HD Wireless Link	Date of Test	2025-10-29
Factor	DRH18-E	Temp. / Humidity	25°C /65%
Polarity	Horizontal	Site / Test Engineer	AC1 / James
Test Mode	SRD 2.4G_TX_2412MHz_ANT 1	Test Voltage	AC 120V/60Hz

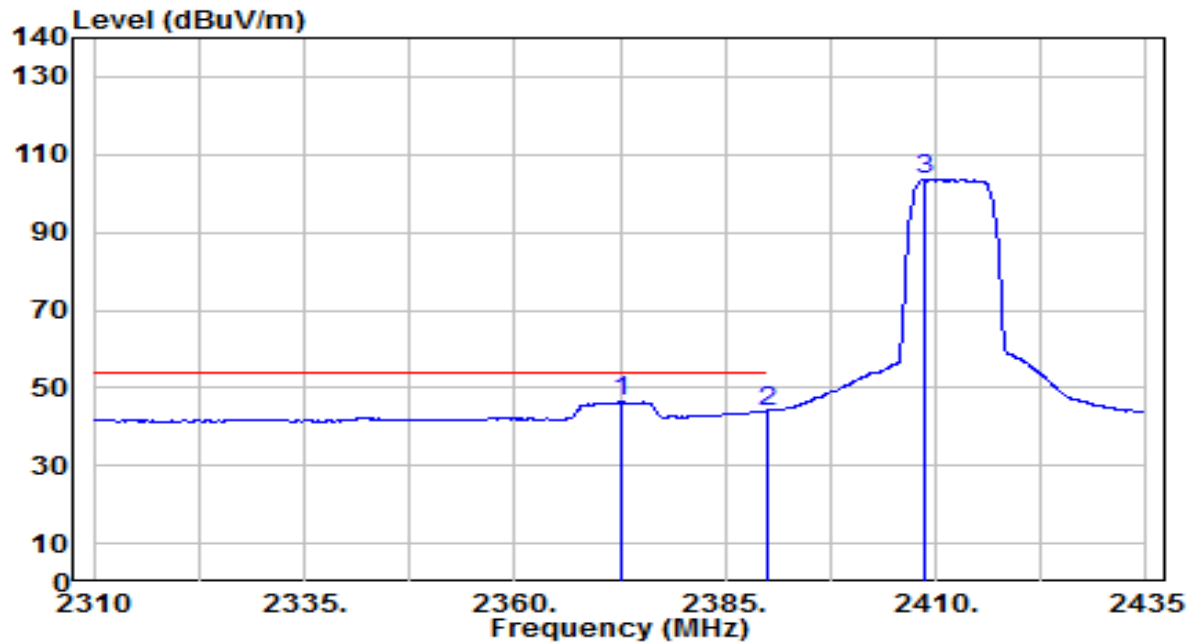


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2387.375	29.32	32.38	61.70	-12.30	74.00	155	100	Peak
2	* 2390.000	30.10	32.39	62.49	-11.51	74.00	155	100	Peak
3	2410.875	83.49	32.47	115.96	N/A	N/A	155	100	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	2.4&5.8GHz HD Wireless Link	Date of Test	2025-10-29
Factor	DRH18-E	Temp. / Humidity	25°C /65%
Polarity	Horizontal	Site / Test Engineer	AC1 / James
Test Mode	SRD 2.4G_TX_2412MHz_ANT 1	Test Voltage	AC 120V/60Hz

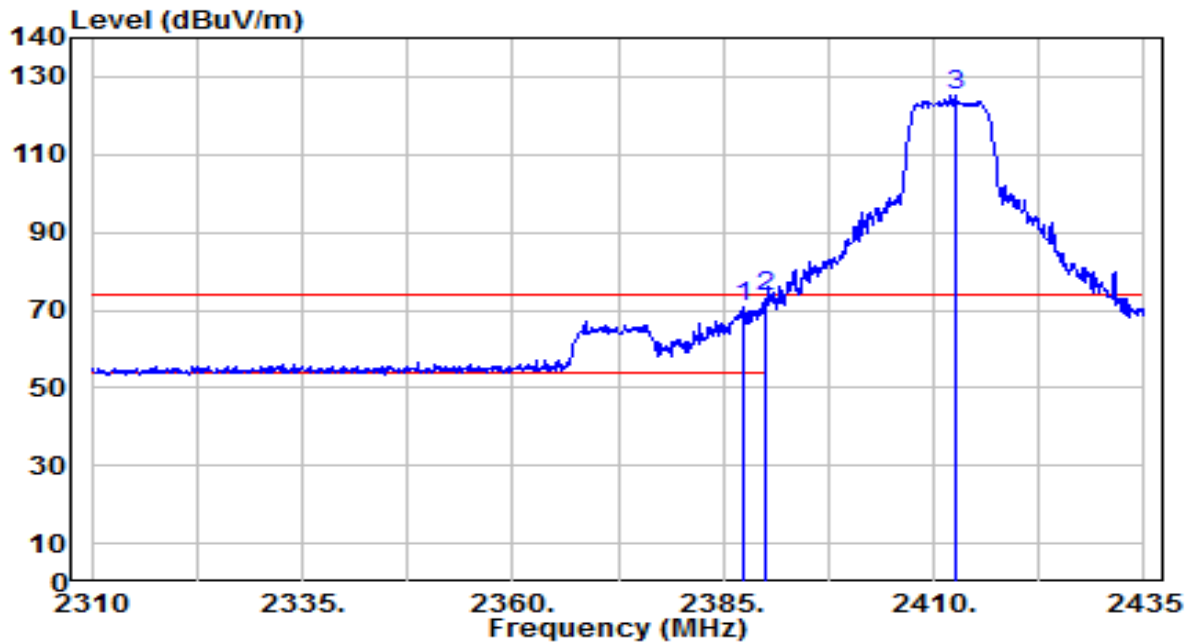


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2372.625	14.02	32.33	46.35	-7.65	54.00	155	100	Average
2		2390.000	11.63	32.39	44.03	-9.97	54.00	155	100	Average
3		2408.625	70.99	32.46	103.45	N/A	N/A	155	100	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	2.4&5.8GHz HD Wireless Link	Date of Test	2025-10-29
Factor	DRH18-E	Temp. / Humidity	25°C /65%
Polarity	Vertical	Site / Test Engineer	AC1 / James
Test Mode	SRD 2.4G_TX_2412MHz_ANT 1	Test Voltage	AC 120V/60Hz

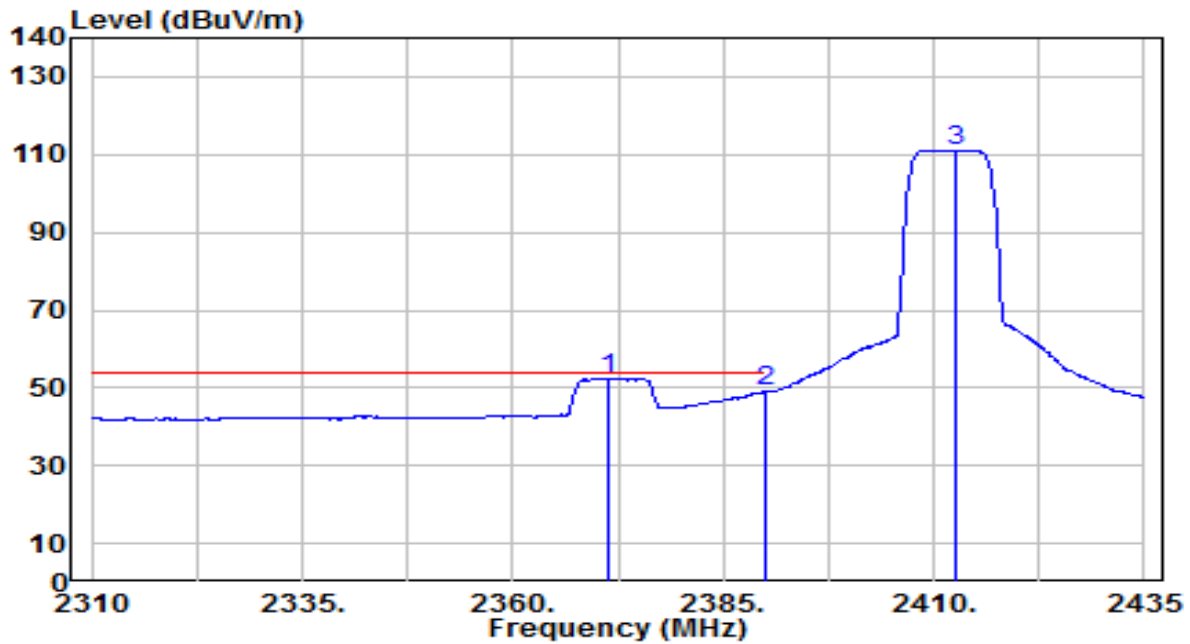


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2387.250	38.24	32.38	70.62	-3.38	74.00	220	350	Peak
2	* 2390.000	41.03	32.39	73.43	-0.57	74.00	220	350	Peak
3	2412.500	92.80	32.47	125.27	N/A	N/A	220	350	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	2.4&5.8GHz HD Wireless Link	Date of Test	2025-10-29
Factor	DRH18-E	Temp. / Humidity	25°C /65%
Polarity	Vertical	Site / Test Engineer	AC1 / James
Test Mode	SRD 2.4G_TX_2412MHz_ANT 1	Test Voltage	AC 120V/60Hz

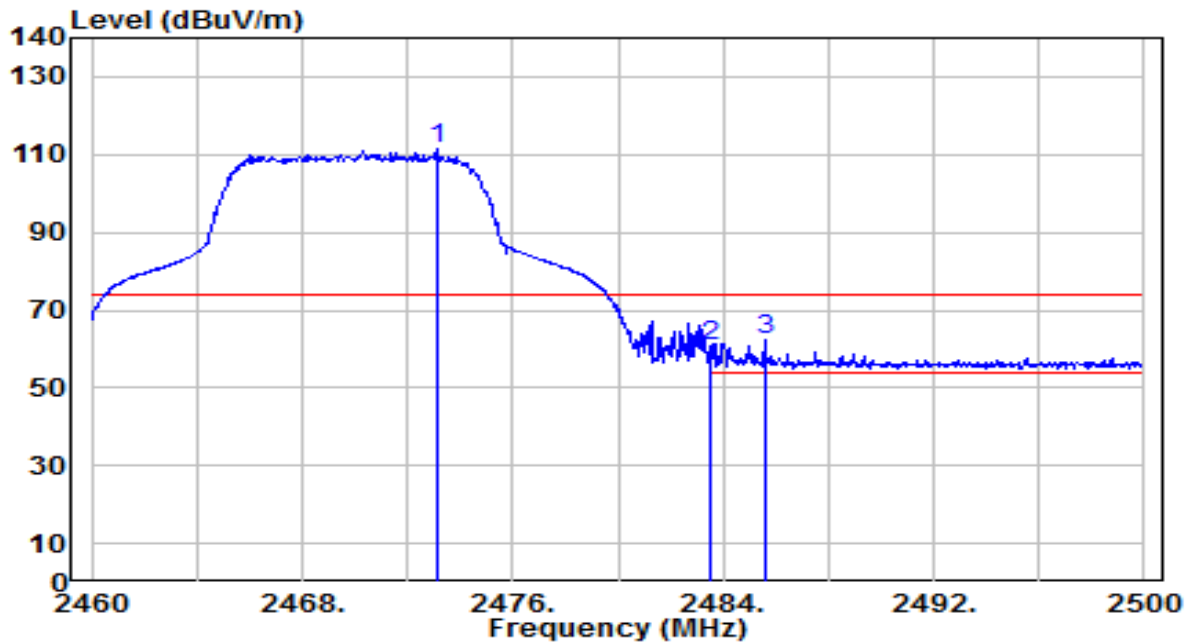


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 2371.500	20.20	32.33	52.53	-1.47	54.00	220	350	Average
2	2390.000	16.67	32.39	49.06	-4.94	54.00	220	350	Average
3	2412.625	78.62	32.47	111.09	N/A	N/A	220	350	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	2.4&5.8GHz HD Wireless Link	Date of Test	2025-10-29
Factor	DRH18-E	Temp. / Humidity	25°C /65%
Polarity	Horizontal	Site / Test Engineer	AC1 / James
Test Mode	SRD 2.4G_TX_2470MHz_ANT 1	Test Voltage	AC 120V/60Hz

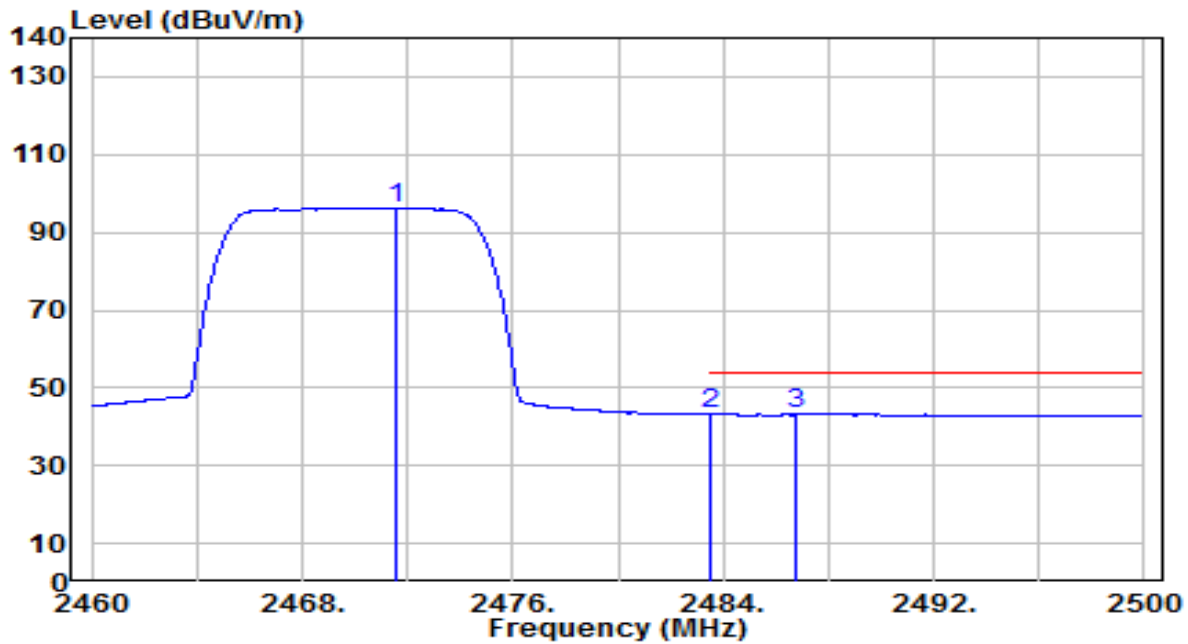


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2473.120	78.87	32.71	111.58	N/A	N/A	140	350	Peak
2	2483.500	27.89	32.75	60.63	-13.37	74.00	140	350	Peak
3	* 2485.560	29.37	32.75	62.12	-11.88	74.00	140	350	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	2.4&5.8GHz HD Wireless Link	Date of Test	2025-10-29
Factor	DRH18-E	Temp. / Humidity	25°C /65%
Polarity	Horizontal	Site / Test Engineer	AC1 / James
Test Mode	SRD 2.4G_TX_2470MHz_ANT 1	Test Voltage	AC 120V/60Hz

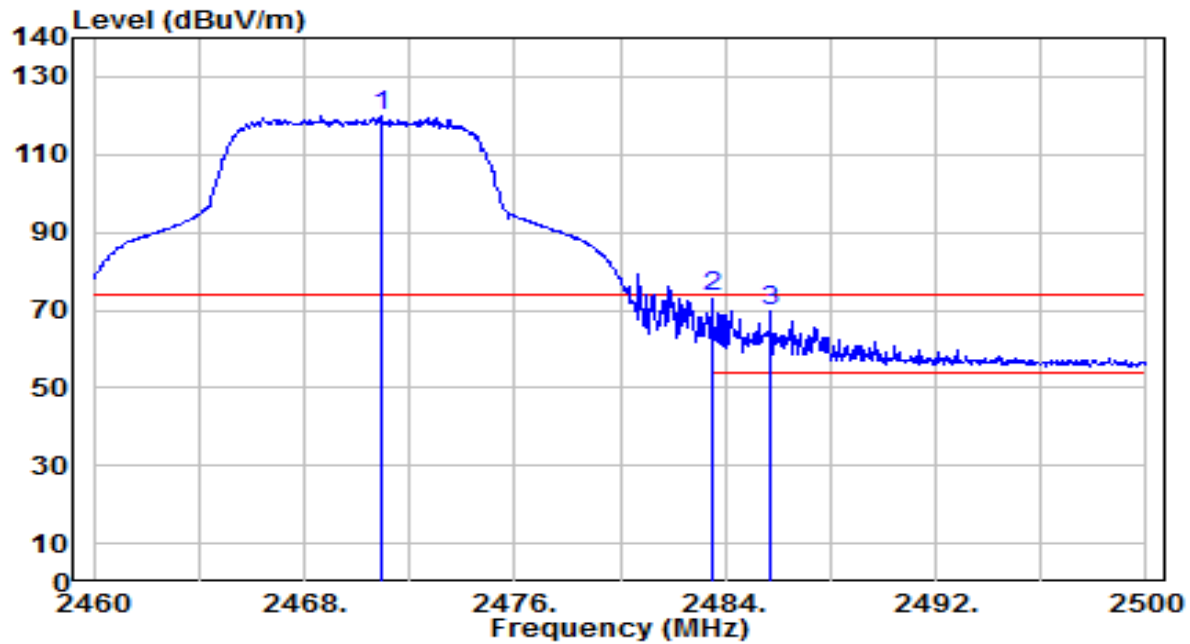


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2471.600	63.70	32.70	96.40	N/A	N/A	140	350	Average
2	2483.500	10.49	32.75	43.23	-10.77	54.00	140	350	Average
3	* 2486.800	10.65	32.76	43.41	-10.59	54.00	140	350	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	2.4&5.8GHz HD Wireless Link	Date of Test	2025-10-29
Factor	DRH18-E	Temp. / Humidity	25°C /65%
Polarity	Vertical	Site / Test Engineer	AC1 / James
Test Mode	SRD 2.4G_TX_2470MHz_ANT 1	Test Voltage	AC 120V/60Hz

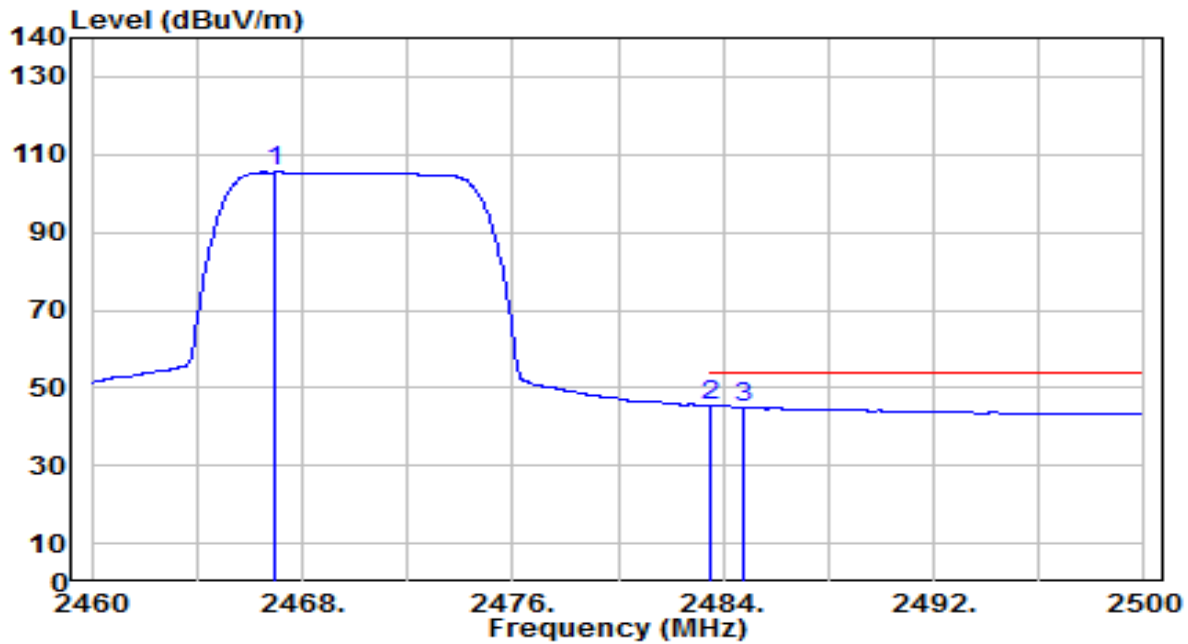


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2470.920	87.12	32.70	119.82	N/A	N/A	195	350	Peak
2	* 2483.500	40.58	32.75	73.32	-0.68	74.00	195	350	Peak
3	2485.760	37.03	32.76	69.78	-4.22	74.00	195	350	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	2.4&5.8GHz HD Wireless Link	Date of Test	2025-10-29
Factor	DRH18-E	Temp. / Humidity	25°C /65%
Polarity	Vertical	Site / Test Engineer	AC1 / James
Test Mode	SRD 2.4G_TX_2470MHz_ANT 1	Test Voltage	AC 120V/60Hz

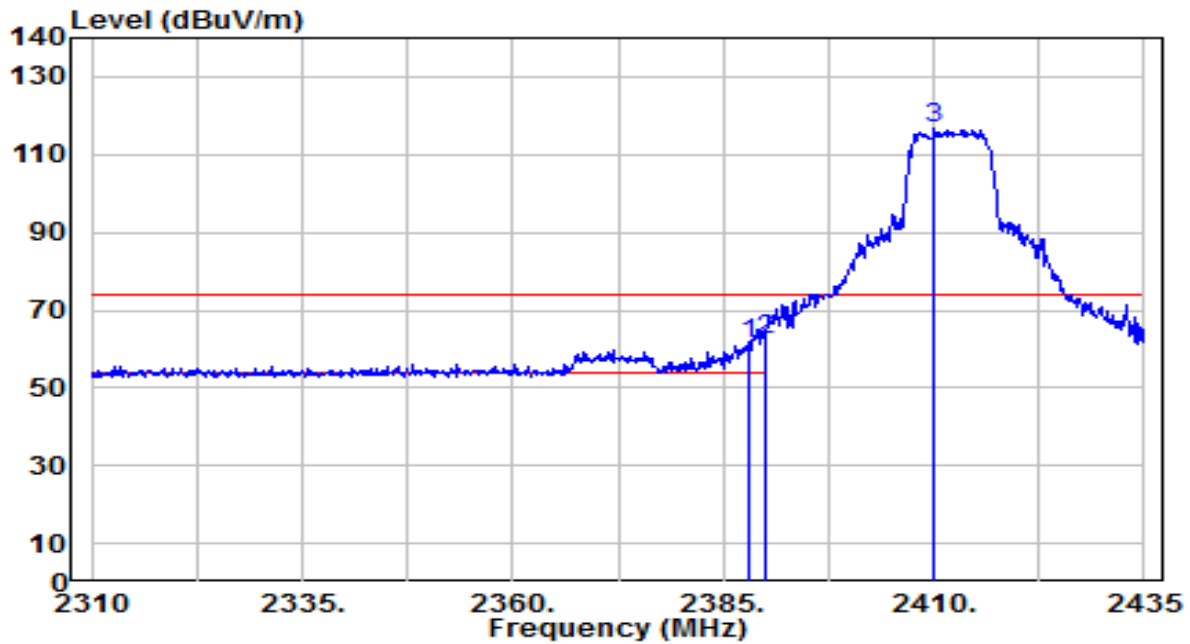


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2467.000	72.82	32.68	105.51	N/A	N/A	195	350	Average
2	* 2483.500	12.59	32.75	45.34	-8.66	54.00	195	350	Average
3	2484.800	12.30	32.75	45.05	-8.95	54.00	195	350	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	2.4&5.8GHz HD Wireless Link	Date of Test	2025-10-29
Factor	DRH18-E	Temp. / Humidity	25°C /65%
Polarity	Horizontal	Site / Test Engineer	AC1 / James
Test Mode	SRD 2.4G_TX_2412MHz_ANT 2	Test Voltage	AC 120V/60Hz

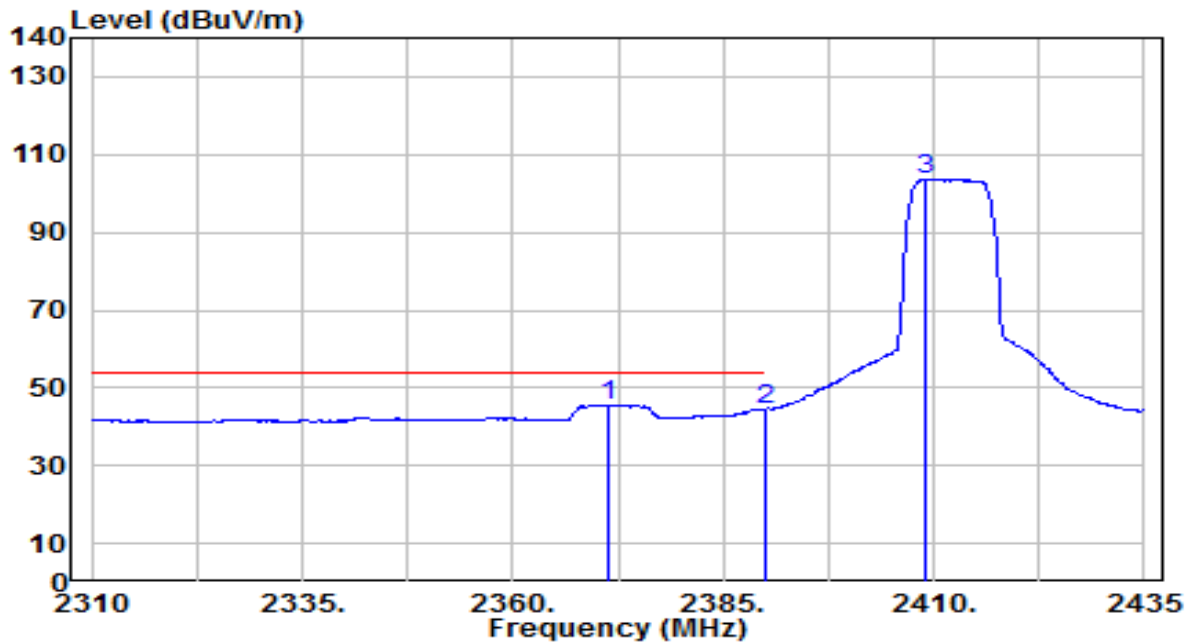


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2388.000	28.83	32.39	61.22	-12.78	74.00	130	90	Peak
2	* 2390.000	30.21	32.39	62.60	-11.40	74.00	130	90	Peak
3	2410.000	84.07	32.46	116.53	N/A	N/A	130	90	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	2.4&5.8GHz HD Wireless Link	Date of Test	2025-10-29
Factor	DRH18-E	Temp. / Humidity	25°C /65%
Polarity	Horizontal	Site / Test Engineer	AC1 / James
Test Mode	SRD 2.4G_TX_2412MHz_ANT 2	Test Voltage	AC 120V/60Hz

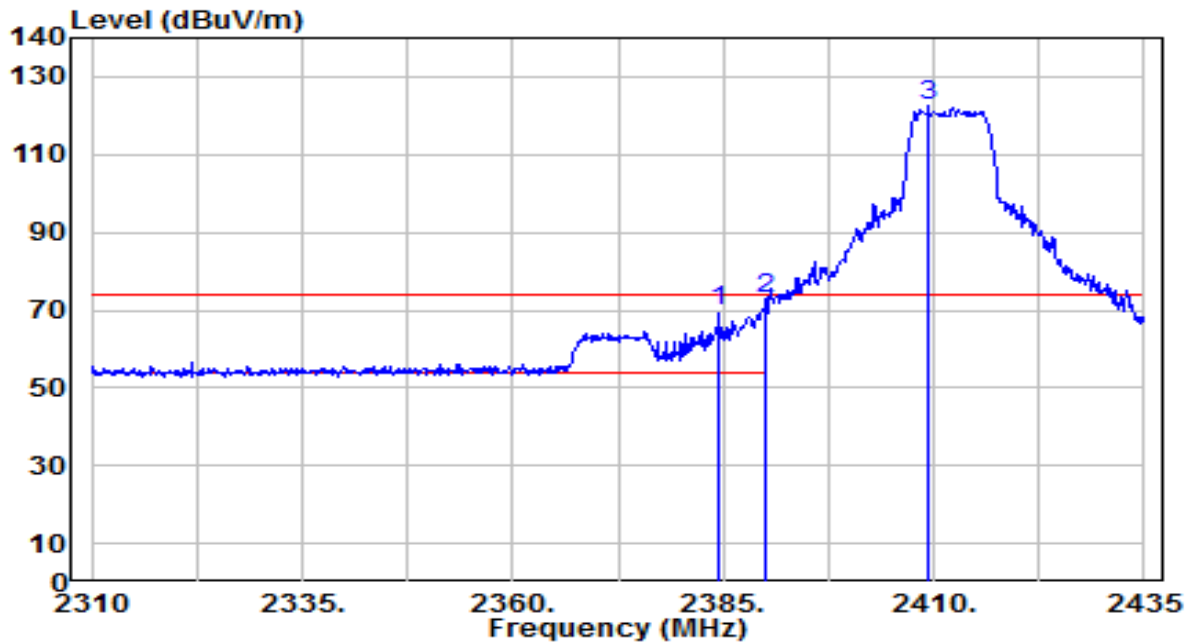


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 2371.500	13.19	32.33	45.52	-8.48	54.00	130	90	Average
2	2390.000	11.97	32.39	44.36	-9.64	54.00	130	90	Average
3	2409.000	71.24	32.46	103.70	N/A	N/A	130	90	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	2.4&5.8GHz HD Wireless Link	Date of Test	2025-10-29
Factor	DRH18-E	Temp. / Humidity	25°C /65%
Polarity	Vertical	Site / Test Engineer	AC1 / James
Test Mode	SRD 2.4G_TX_2412MHz_ANT 2	Test Voltage	AC 120V/60Hz

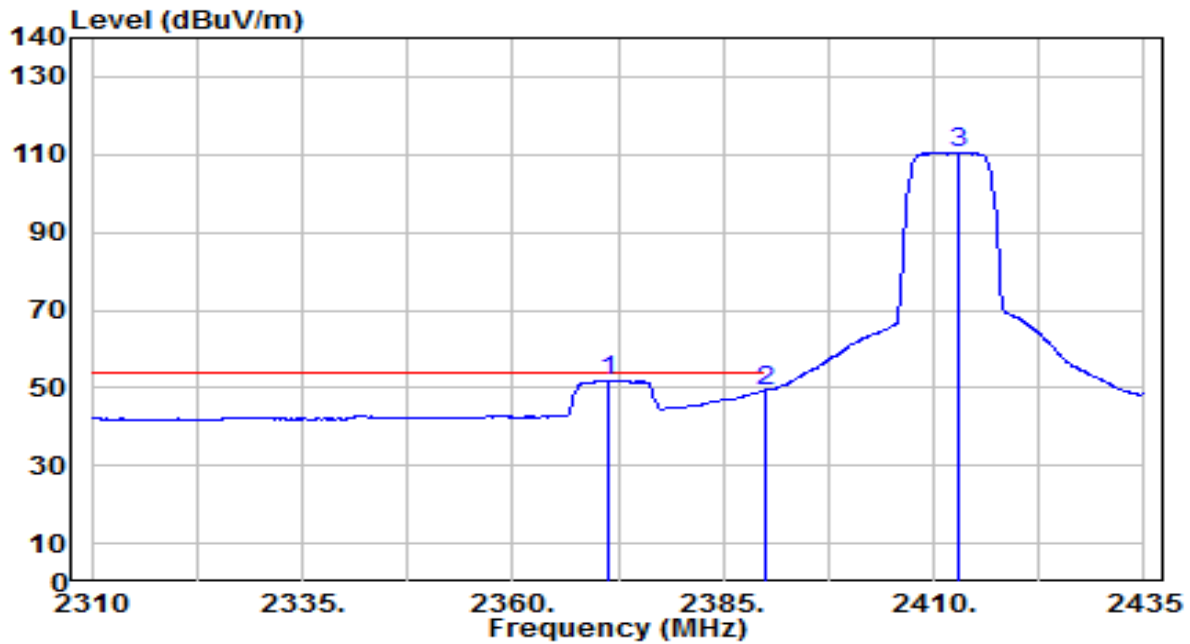


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2384.500	37.31	32.37	69.68	-4.32	74.00	140	200	Peak
2	* 2390.000	40.69	32.39	73.09	-0.91	74.00	140	200	Peak
3	2409.375	89.86	32.46	122.33	N/A	N/A	140	200	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	2.4&5.8GHz HD Wireless Link	Date of Test	2025-10-29
Factor	DRH18-E	Temp. / Humidity	25°C /65%
Polarity	Vertical	Site / Test Engineer	AC1 / James
Test Mode	SRD 2.4G_TX_2412MHz_ANT 2	Test Voltage	AC 120V/60Hz

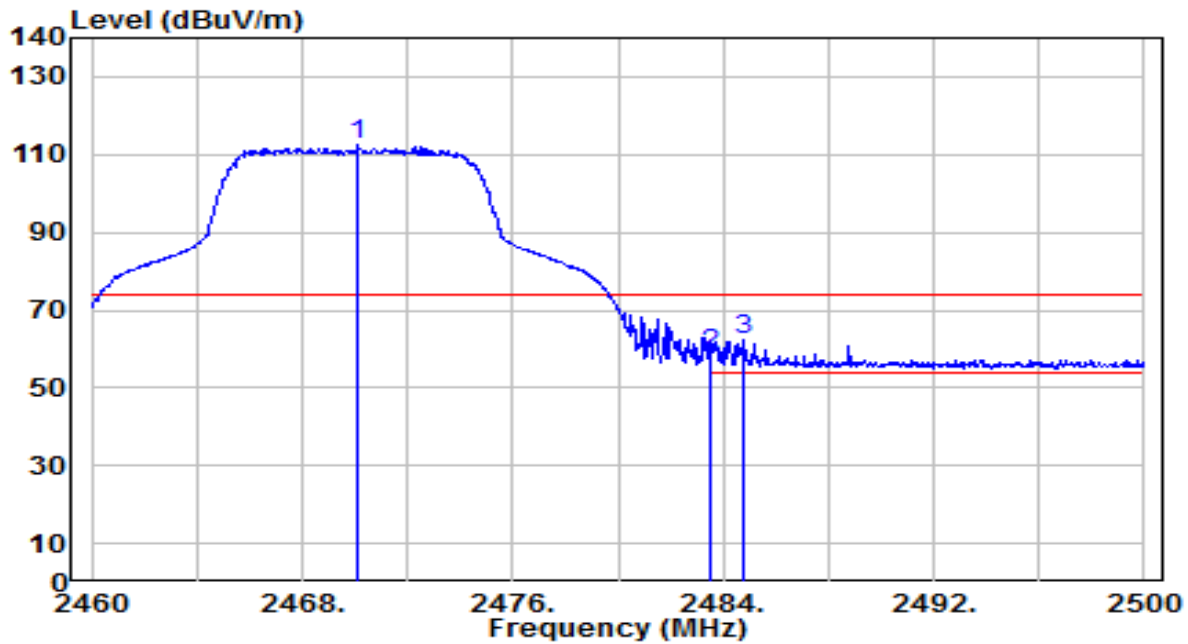


No		Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	2371.375	19.44	32.33	51.78	-2.22	54.00	140	200	Average
2		2390.000	16.99	32.39	49.39	-4.61	54.00	140	200	Average
3		2412.875	78.12	32.48	110.60	N/A	N/A	140	200	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	2.4&5.8GHz HD Wireless Link	Date of Test	2025-10-29
Factor	DRH18-E	Temp. / Humidity	25°C /65%
Polarity	Horizontal	Site / Test Engineer	AC1 / James
Test Mode	SRD 2.4G_TX_2470MHz_ANT 2	Test Voltage	AC 120V/60Hz

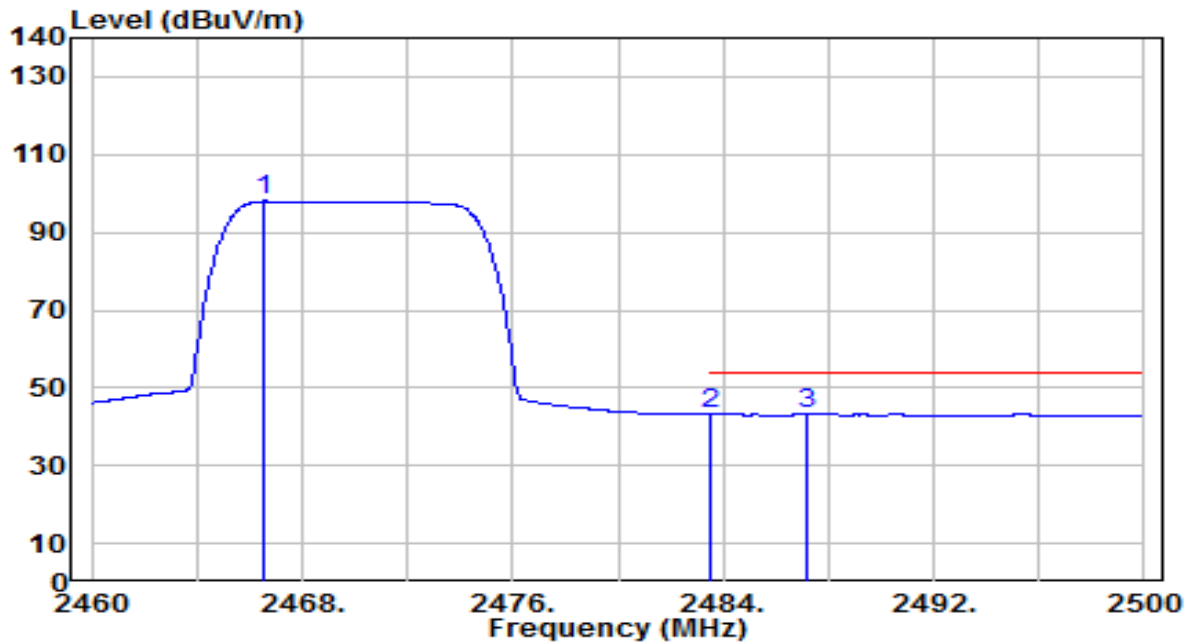


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2470.120	79.89	32.70	112.58	N/A	N/A	220	95	Peak
2	2483.500	25.99	32.75	58.73	-15.27	74.00	220	95	Peak
3	* 2484.760	29.43	32.75	62.18	-11.82	74.00	220	95	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	2.4&5.8GHz HD Wireless Link	Date of Test	2025-10-29
Factor	DRH18-E	Temp. / Humidity	25°C /65%
Polarity	Horizontal	Site / Test Engineer	AC1 / James
Test Mode	SRD 2.4G_TX_2470MHz_ANT 2	Test Voltage	AC 120V/60Hz

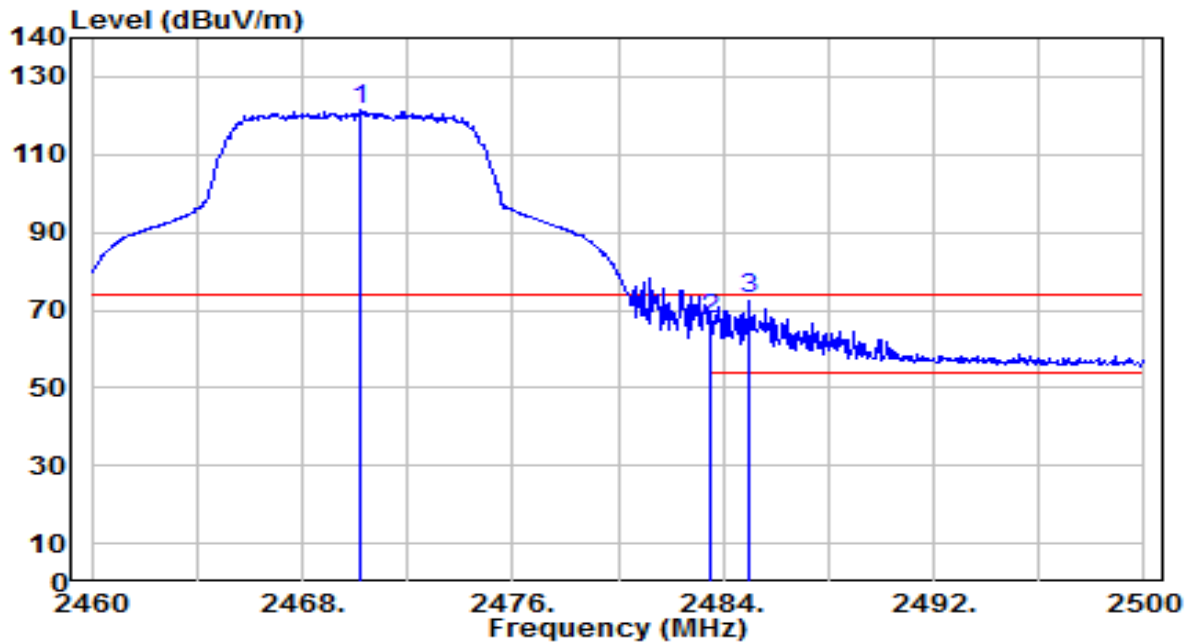


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2466.560	65.32	32.68	98.00	N/A	N/A	220	95	Average
2	2483.500	10.59	32.75	43.33	-10.67	54.00	220	95	Average
3	* 2487.160	10.72	32.76	43.48	-10.52	54.00	220	95	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	2.4&5.8GHz HD Wireless Link	Date of Test	2025-10-29
Factor	DRH18-E	Temp. / Humidity	25°C /65%
Polarity	Vertical	Site / Test Engineer	AC1 / James
Test Mode	SRD 2.4G_TX_2470MHz_ANT 2	Test Voltage	AC 120V/60Hz

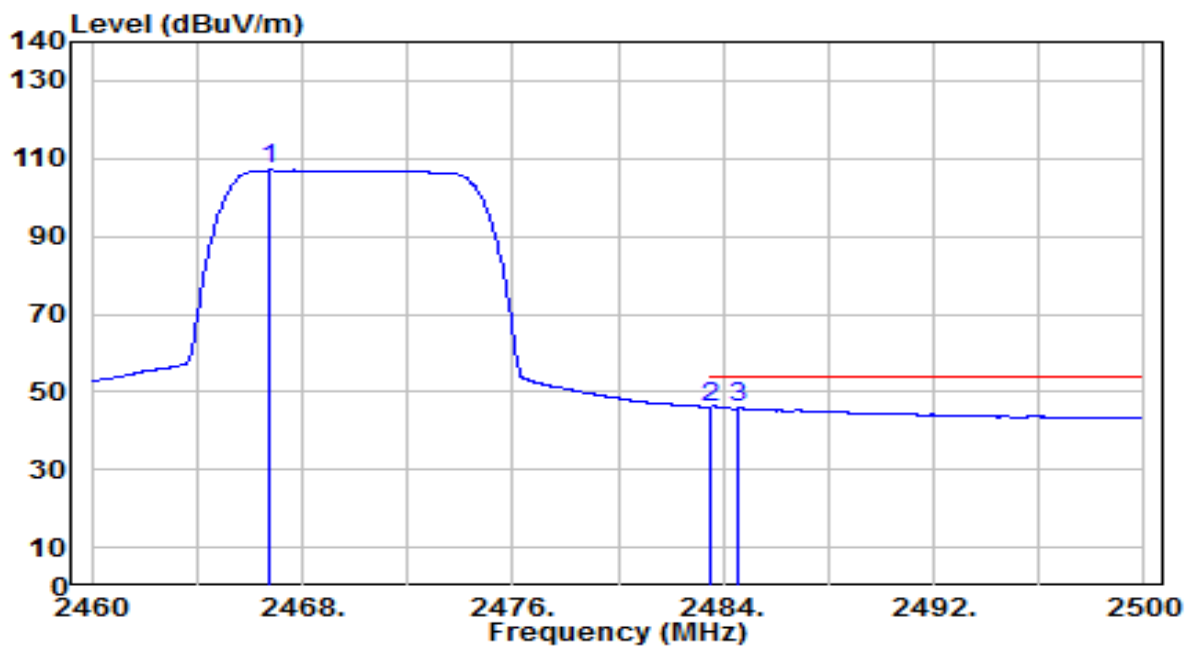


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2470.200	88.61	32.70	121.30	N/A	N/A	175	345	Peak
2	2483.500	35.13	32.75	67.87	-6.13	74.00	175	345	Peak
3	* 2485.000	40.39	32.75	73.14	-0.86	74.00	175	345	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	2.4&5.8GHz HD Wireless Link	Date of Test	2025-10-29
Factor	DRH18-E	Temp. / Humidity	25°C /65%
Polarity	Vertical	Site / Test Engineer	AC1 / James
Test Mode	SRD 2.4G_TX_2470MHz_ANT 2	Test Voltage	AC 120V/60Hz



No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	2466.760	74.36	32.68	107.04	N/A	N/A	175	345	Average
2	* 2483.500	13.44	32.75	46.18	-7.82	54.00	175	345	Average
3	2484.600	13.02	32.75	45.77	-8.23	54.00	175	345	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

7.8. AC Conducted Emissions Measurement

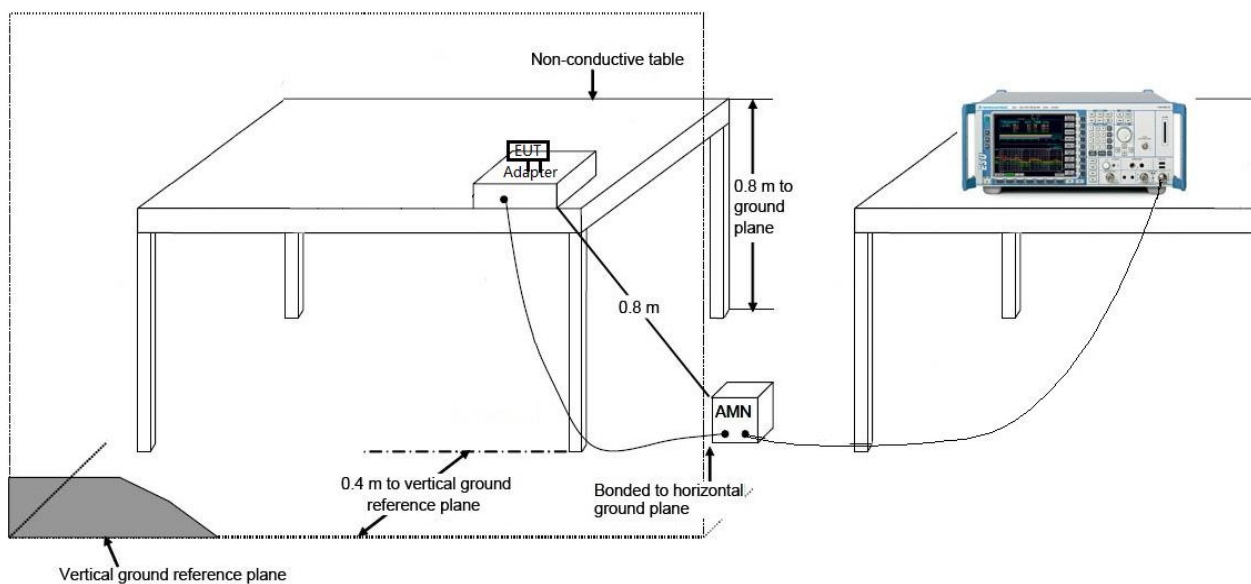
7.8.1. Test Limit

FCC Part 15 Subpart C Paragraph 15.207 / RSS-Gen Limits		
Frequency (MHz)	QP (dB μ V)	Average (dB μ V)
0.15 - 0.50	66 - 56	56 - 46
0.50 - 5.0	56	46
5.0 - 30	60	50

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

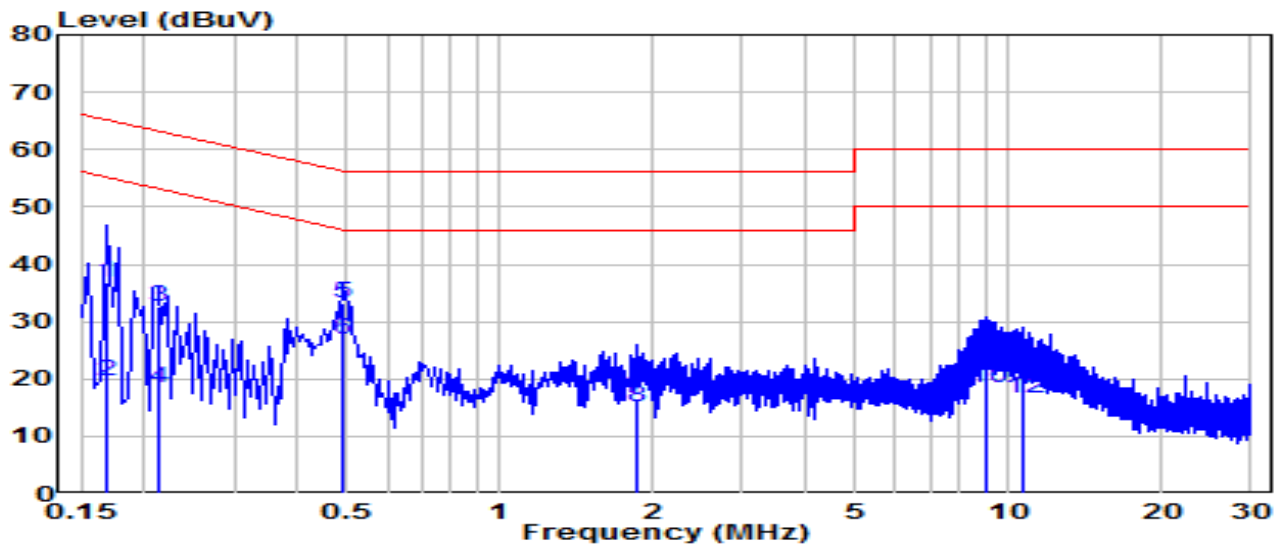
Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

7.8.2. Test Setup



7.8.3. Test Result

EUT	2.4&5.8GHz HD Wireless Link	Date of Test	2025-11-06
Factor	CE_ENV216-L1 (Filter ON)	Temp. / Humidity	24°C /54%
Polarity	Line1	Site / Test Engineer	SR2 / Ryan
Test Mode	SRD 2.4G_TX_2412MHz_ANT 1	Test Voltage	AC 120V/60Hz

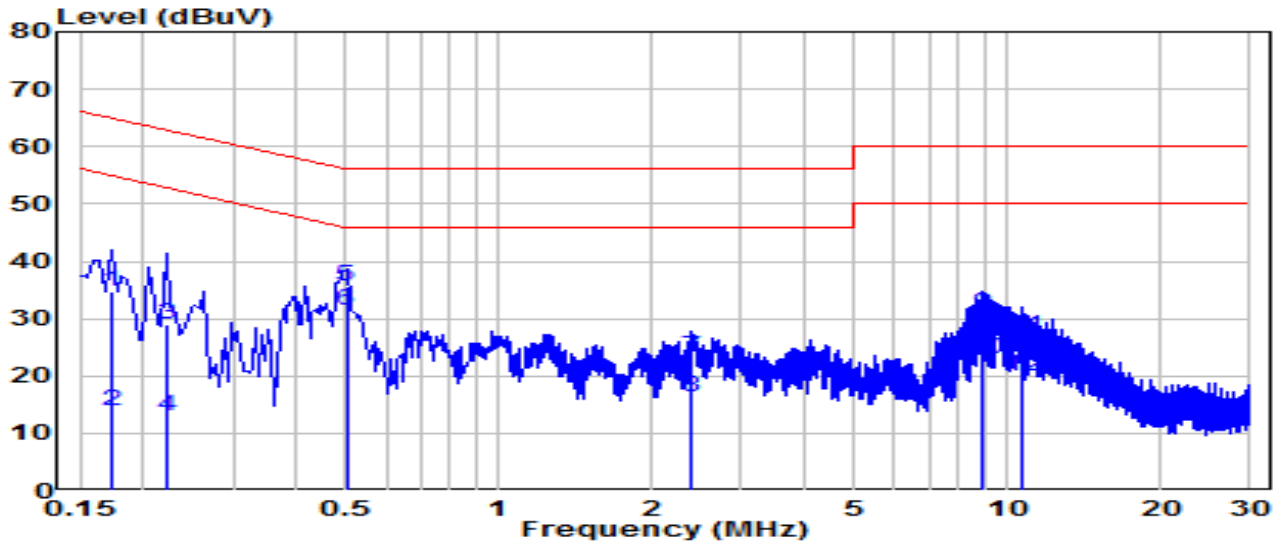


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV)	Margin (dB)	Limit (dBuV)	Remark (QP/PK/AV)
1		0.168	27.12	9.63	36.75	-28.31	65.06	QP
2		0.168	9.93	9.63	19.56	-35.50	55.06	Average
3		0.213	23.09	9.62	32.71	-30.38	63.09	QP
4		0.213	8.81	9.62	18.43	-34.66	53.09	Average
5	*	0.487	23.42	9.64	33.06	-23.15	56.21	QP
6	*	0.487	17.25	9.64	26.89	-19.32	46.21	Average
7		1.851	6.80	9.70	16.50	-39.50	56.00	QP
8		1.851	5.35	9.70	15.05	-30.95	46.00	Average
9		9.055	15.91	9.85	25.76	-34.24	60.00	QP
10		9.055	8.51	9.85	18.36	-31.64	50.00	Average
11		10.746	12.11	9.87	21.98	-38.02	60.00	QP
12		10.746	6.84	9.87	16.72	-33.28	50.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = LISN Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV) = Reading(dBuV) + C.F (Correction Factor).

EUT	2.4&5.8GHz HD Wireless Link	Date of Test	2025-11-06
Factor	CE_ENV216-N (Filter ON)	Temp. / Humidity	24°C /54%
Polarity	Neutral	Site / Test Engineer	SR2 / Ryan
Test Mode	SRD 2.4G_TX_2412MHz_ANT 1	Test Voltage	AC 120V/60Hz

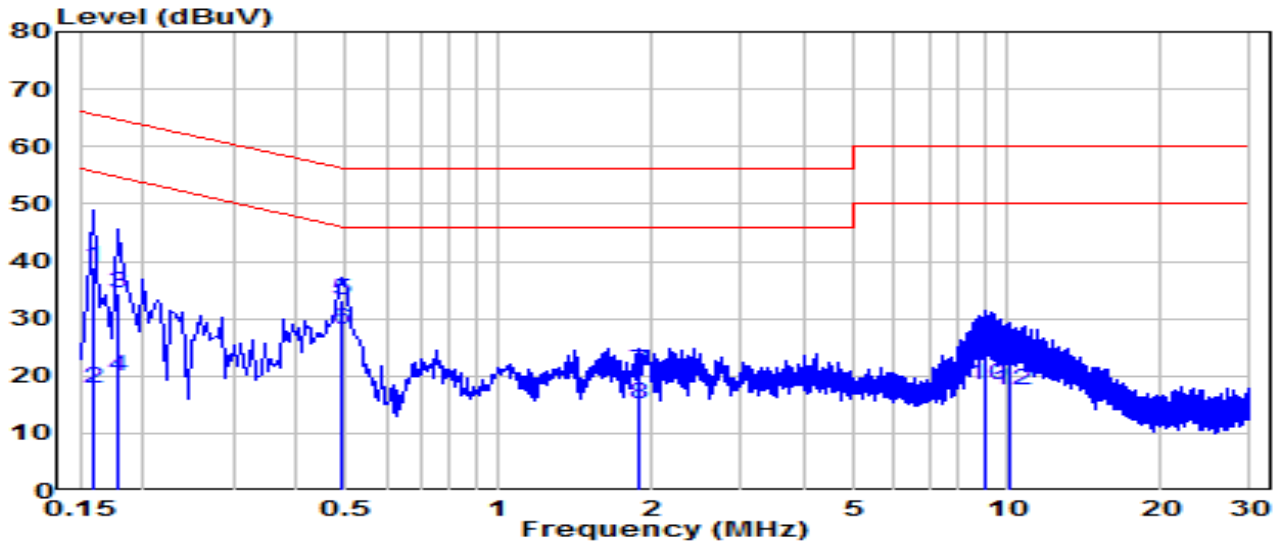


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV)	Margin (dB)	Limit (dBuV)	Remark (QP/PK/AV)
1		0.172	24.99	9.63	34.62	-30.22	64.84	QP
2		0.172	4.25	9.63	13.87	-40.97	54.84	Average
3		0.222	19.30	9.62	28.92	-33.82	62.74	QP
4		0.222	3.47	9.62	13.10	-39.65	52.74	Average
5	*	0.501	25.92	9.64	35.57	-20.43	56.00	QP
6	*	0.501	21.81	9.64	31.45	-14.55	46.00	Average
7		2.377	13.50	9.71	23.21	-32.79	56.00	QP
8		2.377	6.45	9.71	16.16	-29.84	46.00	Average
9		8.888	21.08	9.84	30.92	-29.08	60.00	QP
10		8.888	13.05	9.84	22.89	-27.11	50.00	Average
11		10.755	17.10	9.88	26.98	-33.02	60.00	QP
12		10.755	9.96	9.88	19.84	-30.16	50.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = LISN Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV) = Reading(dBuV) + C.F (Correction Factor).

EUT	2.4&5.8GHz HD Wireless Link	Date of Test	2025-11-06
Factor	CE_ENV216-L1 (Filter ON)	Temp. / Humidity	24°C /54%
Polarity	Line1	Site / Test Engineer	SR2 / Ryan
Test Mode	SRD 2.4G_TX_2412MHz_ANT 2	Test Voltage	AC 120V/60Hz

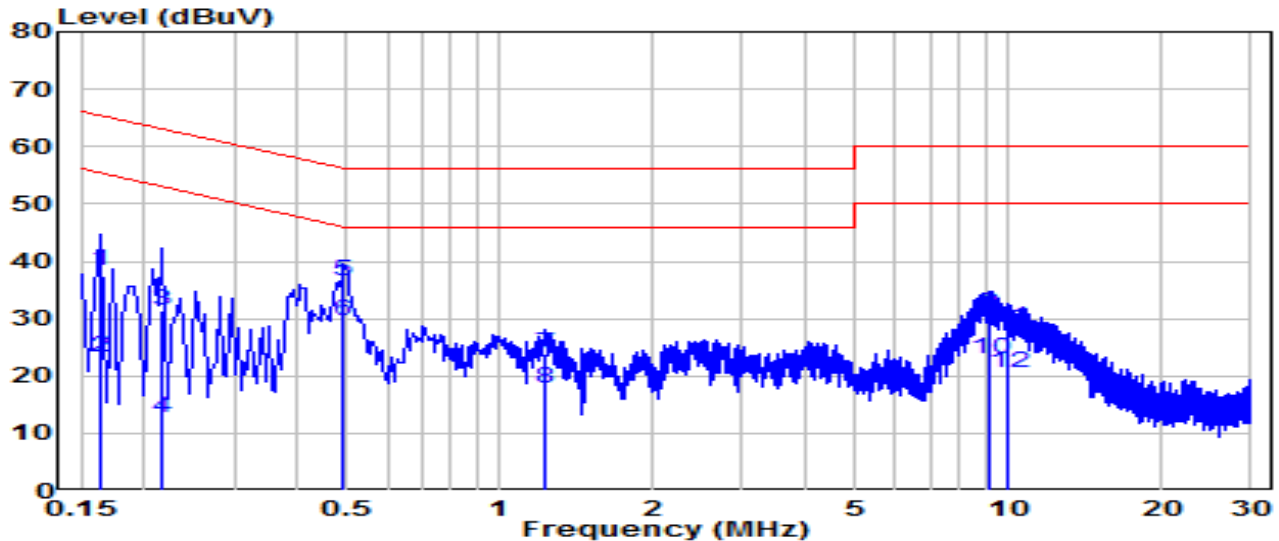


No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV)	Margin (dB)	Limit (dBuV)	Remark (QP/PK/AV)
1		0.159	29.29	9.63	38.92	-26.60	65.52	QP
2		0.159	8.27	9.63	17.90	-37.61	55.52	Average
3		0.177	24.77	9.63	34.39	-30.23	64.63	QP
4		0.177	10.32	9.63	19.95	-34.68	54.63	Average
5	*	0.487	23.51	9.64	33.15	-23.06	56.21	QP
6	*	0.487	18.57	9.64	28.21	-18.00	46.21	Average
7		1.882	10.99	9.70	20.68	-35.32	56.00	QP
8		1.882	5.43	9.70	15.13	-30.87	46.00	Average
9		9.005	15.46	9.85	25.31	-34.69	60.00	QP
10		9.005	8.72	9.85	18.56	-31.44	50.00	Average
11		10.166	13.03	9.87	22.90	-37.10	60.00	QP
12		10.166	7.60	9.87	17.47	-32.53	50.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = LISN Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV) = Reading(dBuV) + C.F (Correction Factor).

EUT	2.4&5.8GHz HD Wireless Link	Date of Test	2025-11-06
Factor	CE_ENV216-N (Filter ON)	Temp. / Humidity	24°C /54%
Polarity	Neutral	Site / Test Engineer	SR2 / Ryan
Test Mode	SRD 2.4G_TX_2412MHz_ANT 2	Test Voltage	AC 120V/60Hz



No		Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV)	Margin (dB)	Limit (dBuV)	Remark (QP/PK/AV)
1		0.163	28.86	9.63	38.49	-26.80	65.28	QP
2		0.163	13.55	9.63	23.18	-32.11	55.28	Average
3		0.217	21.86	9.62	31.48	-31.43	62.91	QP
4		0.217	3.03	9.62	12.66	-40.26	52.91	Average
5	*	0.492	26.88	9.64	36.52	-19.62	56.13	QP
6	*	0.492	20.04	9.64	29.68	-16.45	46.13	Average
7		1.225	14.18	9.68	23.86	-32.14	56.00	QP
8		1.225	7.99	9.68	17.66	-28.34	46.00	Average
9		9.163	20.99	9.85	30.84	-29.16	60.00	QP
10		9.163	13.11	9.85	22.96	-27.04	50.00	Average
11		10.009	18.57	9.87	28.44	-31.56	60.00	QP
12		10.009	10.58	9.87	20.45	-29.55	50.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = LISN Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV) = Reading(dBuV) + C.F (Correction Factor).

8. CONCLUSION

The data collected relate only the item(s) tested and show that the **2.4&5.8GHz HD Wireless Link** is in compliance with Part 15C of the FCC Rules.

Appendix A : Test Photograph

Refer to “2510TW0109-UTfile.

Appendix B : External Photograph

Refer to “2510TW0109-UE file.

Appendix C : Internal Photograph

Refer to “2510TW0109-UI file.

_____ The End _____