

MEASUREMENT REPORT

FCC PART 15.247 WLAN 802.11b/g/n

Report No.: S2025072289100103

Issue Date: 08-27-2025

Applicant: Faurecia Clarion Electronics (Xiamen) Co., Ltd.
Address: 6F, No.40, Guanri Road, Software Park Stage II, Xiamen, China
FCC ID: WY2Q000
Product: IVI Assy
Model No.: Q000
FCC Classification: Digital Transmission System (DTS)
FCC Rule Part(s): Part 15 Subpart C (15.247)
Test Procedure(s): ANSI C63.10-2013, KDB 558074 D01v05r02
Result: Pass
Item Receipt Date: Jul. 19, 2025
Test Date: Jul. 21, 2025~ Aug. 19, 2025

Compiled By

Stone Zhang.

(Stone Zhang)
Senior Test Engineer

Approved By

Line Chen

(Line Chen)
Engineer Manager



The test results relate only to the samples tested.

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 C63.10-2013. Test results reported herein relate only to the item(s)

The test report shall not be reproduced except in full without the written approval of Fangguang Inspection & Testing Co., Ltd. Wuxi Branch

The test report must not be used by the client to claim product certifications, approval, or endorsement by NVLAP, NIST or any agency of U.S. Government.

Revision History

Report No.	Version	Description	Issue Date
S2025072289100103	Rev. 01	/	08-27-2025

CONTENTS

Description	Page
§2.1033 General Information	5
1. Introduction	6
1.1. Scope	6
1.2. Fangguang Test Location	6
2. Product Information	7
2.1. Equipment Description	7
2.2. Product Specification Subjective to this Report	8
2.3. Operation Frequency / Channel List	8
2.4. Device Capabilities	9
2.5. Description of Test Software	15
2.6. Test Mode	15
2.7. Test Configuration	15
2.8. EMI Suppression Device(s)/Modifications	15
2.9. EUT Photo	15
2.10. Labeling Requirements	15
2.11. Calculation with all conversion and correction factors used	16
3. Description of Test	17
3.1. Evaluation Procedure	17
3.2. AC Line Conducted Emissions	17
3.3. Radiated Emissions	18
4. Antenna Requirements	19
5. Test Equipment Calibration Date	20
6. Measurement Uncertainty	22
7. Test Result	23
7.1. Summary	23
7.2. 6dB Bandwidth Measurement	24
7.2.1. Test Limit	24
7.2.2. Test Procedure used	24
7.2.3. Test Setting	24
7.2.4. Test Setup	24
7.2.5. Test Result	25
7.3. Output Power Measurement	30

7.3.1.	Test Limit	30
7.3.2.	Test Procedure Used	30
7.3.3.	Test Setting	30
7.3.4.	Test Setup	31
7.3.5.	Test Result of Output Power	32
7.4.	Power Spectral Density Measurement	38
7.4.1.	Test Limit	38
7.4.2.	Test Procedure Used	38
7.4.3.	Test Setting	38
7.4.4.	Test Setup	39
7.4.5.	Test Result	40
7.5.	Conducted Band Edge and Out-of-Band Emissions	46
7.5.1.	Test Limit	46
7.5.2.	Test Procedure Used	46
7.5.3.	Test Setting	46
7.5.4.	Test Setup	46
7.5.5.	Test Result	47
7.6.	Radiated Spurious Emission Measurement	66
7.6.1.	Test Limit	66
7.6.2.	Test Procedure Used	66
7.6.3.	Test Setting	66
7.6.4.	Test Setup	68
7.6.5.	Test Result	70
7.7.	Radiated Restricted Band Edge Measurement	108
7.7.1.	Test Limit	108
7.7.2.	Test Procedure Used	111
7.7.3.	Test Setting	111
7.7.4.	Test Setup	112
7.7.5.	Test Result	113
7.8.	AC Conducted Emissions Measurement	125
7.8.1.	Test Limit	125
7.8.2.	Test Setup	125
7.8.3.	Test Result	126
8.	Conclusion	127

§2.1033 General Information

Applicant:	Faurecia Clarion Electronics (Xiamen) Co., Ltd.
Applicant Address:	6F, No.40,Guanri Road, Software Park Stage II, Xiamen, China
Manufacturer:	Faurecia Clarion Electronics (Xiamen) Co., Ltd.
Manufacturer Address:	6F, No.40,Guanri Road, Software Park Stage II, Xiamen, China
Factory:	Faurecia Clarion Electronics (Fengcheng) Co., Ltd.
Factory Address:	No.12 High-Tech Road,Fengcheng High Technology Industry Park,Yichun City,Jiangxi
Test Site:	Fanguang Inspection & Testing Co., Ltd.
LAB ID:	CN5037
LAB registration number:	600222-0
Test Site Address:	No.8 Ningyun Rd., Xinwu District Wuxi, Jiangsu 214000 China
FCC Rule Part(s):	Part 15 Subpart C (15.247)
FCC ID:	WY2Q000
Test Device Serial No.:	S/N.: / ☐ Production ☒ Pre-Production ☐ Engineering
FCC Classification:	Digital Transmission System (DTS)

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 Innovation, Science and Economic Development Canada.

1.2. Fangguang Test Location

These measurement tests were performed at the Fangguang Inspection and testing Co.,LTD located at No.8 Ningyun Rd., Xinwu District Wuxi, Jiangsu 214000 China. The detailed description of the measurement facility was found to be in compliance with the requirements of ANSI C63.10-2013.

2. Product Information

2.1. Equipment Description

Product Name:	IVI Assy
Test Model:	Q000
Trade Mark:	clarion
Input Voltage Range:	DC 9V~16V, typical voltage: DC 13.2V
Software Version:	C.0.9.JB
Hardware Version:	A
EUT sample number:	S20250722891001-1-1 (Conducted) S20250722891001-1-2 (Radiated)

Note:

1. This information is provided by the Customer and its authenticity is the responsibility of the Customer.
2. The two configurations are consistent in terms of schematic, circuit design, circuit layout, hardware version, and software version, except for the addition of a DAB circuit board in the maximum configuration.

The differences are not affecting the RF performance.

For specific differences please refer to the following table.

Function	Product name: IVI Assy	
	Model:Q000	
	Minimum Configuration	Maximum Configuration
BT (4.2)	√	√
WIFI 2.4G	√	√
WIFI 5G (B4)	√	√
FM/AM	√	√
DAB	X	√
HSD socket	√	√
Memory(RAM)	√	√

3. The maximum configuration of the model was tested and recorded in this report.

2.2. Product Specification Subjective to this Report

Frequency Range:	802.11b/g/n-HT20: 2412 ~ 2462MHz
Channel Number:	802.11b/g/n-HT20: 11
Type of Modulation:	802.11b: DSSS 802.11g/n-HT20: OFDM
Data Rate:	802.11b: 1/2/5.5/11Mbps 802.11g: 6/9/12/18/24/36/48/54Mbps 802.11n-HT20: MCS0~MCS7
Antenna Type:	PCB Antenna
Antenna Gain:	3.98dBi

Note: The maximum Antenna Gain was declared by the manufacturer.

2.3. Operation Frequency / Channel List

802.11b/g/n-HT20

Channel	Frequency	Channel	Frequency	Channel	Frequency
01	2412 MHz	02	2417 MHz	03	2422 MHz
04	2427 MHz	05	2432 MHz	06	2437 MHz
07	2442 MHz	08	2447 MHz	09	2452 MHz
10	2457 MHz	11	2462 MHz	--	--

EUT was tested with Channel 01, 06 and 11.

2.4. Device Capabilities

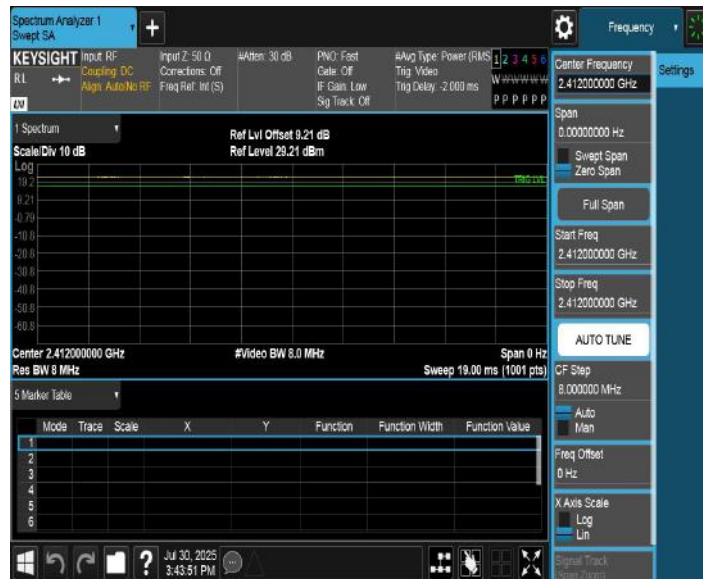
This device contains the following capabilities: 2.4GHz WLAN (DTS)

Note: 2.4GHz WLAN (DTS) operation is possible in 20MHz channel bandwidths. The maximum achievable duty cycle was determined based on measurements performed on a spectrum analyzer in zero-span mode with RBW = 8MHz, VBW = 8MHz. The RBW and VBW were both greater than 50/T, where T is the minimum transmission duration, and the number of sweep points across T was greater than 100. The duty cycles:

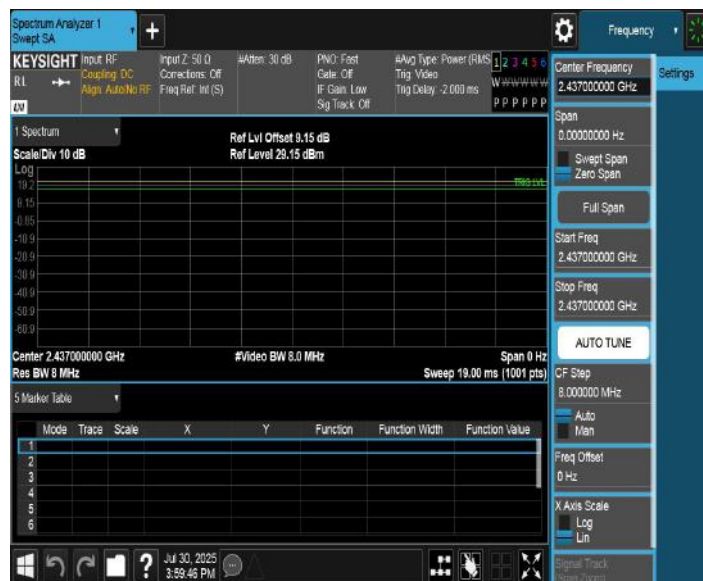
Test Mode	Antenna	Frequency [MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11B	Ant1	2412	19.00	19.00	100.00
		2437	19.00	19.00	100.00
		2462	19.00	19.00	100.00
11G	Ant1	2412	19.00	19.00	100.00
		2437	19.00	19.00	100.00
		2462	19.00	19.00	100.00
11N20SISO	Ant1	2412	19.00	19.00	100.00
		2437	19.00	19.00	100.00
		2462	19.00	19.00	100.00

Test Graphs:

11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462



11G_Ant1_2412



11G_Ant1_2437



11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



2.5. Description of Test Software

The test utility software used during testing was “Engineering Mode”, pre-scan with all the data rates, and the worst case was performed as below:

Test Mode	Data Rate	Channel	*Power Level Setting
802.11b	1 Mbps	Low	18
		Middle	18
		High	18
802.11g	6 Mbps	Low	18
		Middle	18
		High	18
802.11n-HT20	MCS0	Low	18
		Middle	18
		High	18

2.6. Test Mode

Test Mode	Mode 1: Transmit by 802.11b
	Mode 2: Transmit by 802.11g
	Mode 3: Transmit by 802.11n-HT20

2.7. Test Configuration

The EUT was tested per the guidance of KDB 558074 D01 v05r02. ANSI C63.10-2013 was used to reference the appropriate EUT setup for radiated spurious emissions testing and AC line conducted testing.

2.8. EMI Suppression Device(s)/Modifications

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

2.9. EUT Photo

The EUT external photo, internal photo and test setup photo, please refer to the plots in the S20250722891001-A1/A2/A3.

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.

2.11. Calculation with all conversion and correction factors used

For AC Line Conducted Emissions Test:

Measure Level (dB μ V) = Reading Level (dB μ V) + Factor (dB)

Factor (dB) = Cable Loss (dB) + LISN Factor (dB)

For Radiated Emissions Below 1GHz Test:

Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m).

For Radiated Emissions Above 1GHz Test:

Measure Level (dB μ V/m) = Reading Level (dB μ V) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

3. Description of Test

3.1. Evaluation Procedure

The measurement procedures described in the American National Standard for Testing Unlicensed Wireless Devices (ANSI C63.10-2013), and the guidance provided in KDB 558074 D01 v05r02 were used in the measurement of the EUT.

Deviation from measurement procedure.....None

3.2. AC Line Conducted Emissions

The line-conducted facility is located inside an 8'x4'x4' 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 whichever 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 C63.10-2013.

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. The 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 1-25GHz 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, whichever 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.

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.

- Use a unique coupling to the intentional radiator.

5. Test Equipment Calibration Date

Conducted Emissions

Instrument	Manufacturer	Type No.	Asset No.	Cali. Interval	Cali. Due Date
EMI Test Receiver	R&S	ESR3	FWXGJC-2016-181	1 year	2026/07/08
Two-Line V-Network	R&S	ENV 216	FWXGJC-2016-182	1 year	2026/07/09
Thermohygrometer	Yuhuaze	HTC-1	FWXDA-2016-387	1 year	2025/09/03

Radiated Emission

Instrument	Manufacturer	Type No.	Asset No.	Cali. Interval	Cali. Due Date
Loop Antenna	Schwarzbeck	FMZB 1519B	FWXGJC-2018-015	1 year	2026/06/21
Bi-Log Antenna	R&S	VULB 9168	FGZZ-2024-036	1 year	2026/06/21
Broadband Horn Antenna	R&S	HF907	FWXGJC-2016-267-07	1 year	2026/06/21
Broadband Horn Antenna	Schwarzbeck	BBHA 9170	FWXGJC-2018-016	1 year	2026/06/21
EMI Receiver	R&S	ESR26	FWXGJC-2016-267-01	1 year	2026/07/16
EXA Signal Analyzer	Keysight	N9010B	FWXGJC-2018-010	1 year	2026/07/16
Pre-Amplifier	Tonscend	TAP0118048	FWXGJC-2024-037	1 year	2026/06/21
Pre-Amplifier	Chengyi	EMC184055SE	FWXGJC-2018-018	1 year	2026/06/21
Thermohygrometer	Yuhuaze	HTC-1	FWXDA-2016-385	1 year	2025/09/03
Anechoic Chamber	SAEMC	FSAC318	FWXGJC-2024-035	3 year	2027/06/02

Conducted Test Equipment

Instrument	Manufacturer	Type No.	Asset No.	Cali. Interval	Cali. Due Date
EXA Signal Analyzer	Keysight	N9010B	FWXGJC-2018-010	1 year	2026/07/16
RF Control Unit	Tonscend	JS0806-2	FWXGJC-2018-013	1 year	2026/07/25
Thermohygrometer	Yuhuaze	HTC-1	FWXDA-2016-386	1 year	2025/09/03

Test Software	Manufacturer	Version	Asset No.	Function
JS1120-3 Test System	tonscend	V3.3.10	/	Conducted Test
JS32	tonscend	V5.0.0	/	Radiated Emission
EMI Test Software	R&S	9.26.00	/	Conducted Emission

Auxiliary Equipment

Instrument	Manufacturer	Type No.	Asset No.	Cali. Interval	Cali. Due Date
Filter	Tonscend	ZBSF6	07247867	1 year	2026/07/16
Filter	Tonscend	ZHPF6	07233297	1 year	2026/07/16
Attenuator	Tonscend	10dB	/	1 year	2026/07/16
RF Cable	Tonscend	T-1	/	1 year	2026/07/16

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 $k = 2$.

AC Conducted Emission Measurement
Measuring Uncertainty for a Level of Confidence of 95% ($U=2Uc(y)$): 2.68dB
Radiated Emission Measurement (9kHz - 30MHz)
Measuring Uncertainty for a Level of Confidence of 95% ($U=2Uc(y)$): 3.06dB
Radiated Emission Measurement (30MHz -1GHz)
Measuring Uncertainty for a Level of Confidence of 95% ($U=2Uc(y)$): 4.01dB
Radiated Emission Measurement (1-18GHz)
Measuring Uncertainty for a Level of Confidence of 95% ($U=2Uc(y)$): 4.97dB
Radiated Emission Measurement (18-40GHz)
Measuring Uncertainty for a Level of Confidence of 95% ($U=2Uc(y)$): 5.32dB
Spurious Emissions, Conducted
Measuring Uncertainty for a Level of Confidence of 95% ($U=2Uc(y)$): 30MHz-1GHz: 1.00 dB 1GHz-12.75GHz: 1.30 dB
Output Power
Measuring Uncertainty for a Level of Confidence of 95% ($U=2Uc(y)$): 0.60dB
Power Spectrum Density
Measuring Uncertainty for a Level of Confidence of 95% ($U=2Uc(y)$): 0.80dB
Occupied Bandwidth
Measuring Uncertainty for a Level of Confidence of 95% ($U=2Uc(y)$): 0.20MHz
Frequency Stability
Measuring Uncertainty for a Level of Confidence of 95% ($U=2Uc(y)$): 0.1×10^{-6} MHz

7. Test Result

7.1. Summary

FCC Part 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	$\leq 30\text{dBm}$		Pass	Section 7.3
15.247(e)	Power Spectral Density	$\leq 8\text{dBm}/3\text{kHz}$		Pass	Section 7.4
15.247(d)	Band Edge	$\geq 30\text{dBc}$		Pass	Section 7.5
15.247(d)	Out-of-Band Emissions	$\geq 30\text{dBc}$		Pass	Section 7.6
15.205 15.209	General Field Strength Limits (Restricted Bands and Radiated Emission Limits)	Emissions in restricted bands must meet the radiated limits detailed in 15.209	Radiated	Pass	Section 7.7
15.207	AC Conducted Emissions 150kHz - 30MHz	< FCC 15.207 limits	Line Conducted	Not Applicable	Section 7.8

Notes:

- 1) All modes of operation and data rates were investigated. For radiated emission test, every axis (X, Y, Z) was also verified. The test results shown in the following sections represent the worst case emissions.
- 2) The analyzer plots shown in this section were all taken with a correction table loaded into the analyzer. The correction table was used to account for the losses of the cables and attenuators used as part of the system to connect the EUT to the analyzer at all frequencies of interest.
- 3) All antenna port conducted emissions testing was performed on a test bench with the antenna port of the EUT connected to the spectrum analyzer through calibrated cables and attenuators.

7.2. 6dB Bandwidth Measurement

7.2.1. Test Limit

The minimum permissible 6dB bandwidth is 500 kHz.

7.2.2. Test Procedure used

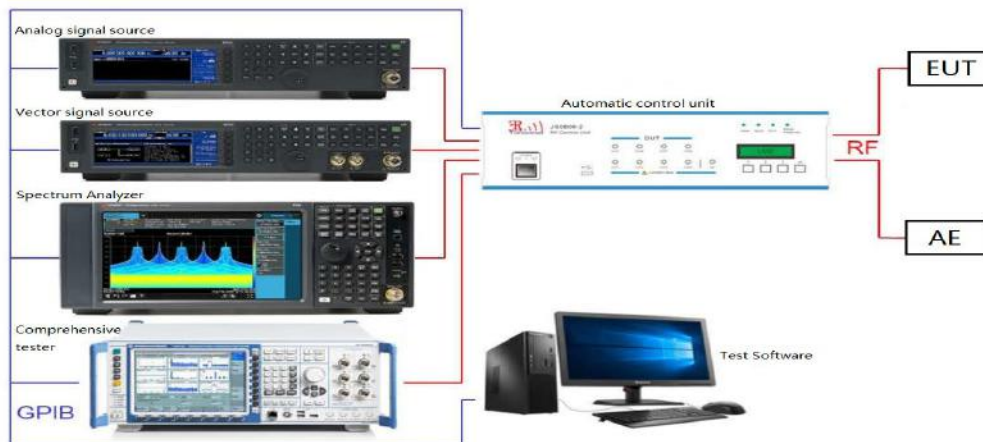
ANSI C63.10-2013 Section 11.8.2 Option 1

KDB 558074 D01 v05r02 – Section 8.2

7.2.3. Test Setting

1. Set RBW = 100 kHz
2. VBW $\geq 3 \times$ RBW
3. Detector = peak
4. Trace mode = max hold
5. Sweep = auto couple
6. Allow the trace was allowed to stabilize
7. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

7.2.4. Test Setup



7.2.5. Test Result

Temperature:	26.5°C
Relative Humidity:	46 %
ATM Pressure:	98.9 kPa
Test Data:	2025-07-30
Test Engineer:	Stone Zhang

Test Mode	Frequency [MHz]	DTS BW [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	99% BW[MHz]	Verdict
11B	2412	7.560	2408.480	2416.040	0.5	12.786	PASS
	2437	8.520	2433.000	2441.520	0.5	13.217	PASS
	2462	8.080	2457.960	2466.040	0.5	12.886	PASS
11G	2412	16.120	2404.040	2420.160	0.5	16.828	PASS
	2437	16.440	2428.840	2445.280	0.5	17.137	PASS
	2462	16.000	2453.800	2469.800	0.5	16.923	PASS
11N20SISO	2412	17.360	2403.440	2420.800	0.5	17.777	PASS
	2437	17.680	2428.200	2445.880	0.5	18.027	PASS
	2462	17.320	2453.200	2470.520	0.5	17.939	PASS

Test Graphs

11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462



11G_Ant1_2412



11G_Ant1_2437



11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



7.3. Output Power Measurement

7.3.1. Test Limit

The maximum permissible conducted output power is 1 Watt (30dBm). And for antenna gain greater than 6dBi the limit shall reduce by the amount in dB that the directional gain of the antenna exceeds 6dBi.

7.3.2. Test Procedure Used

ANSI C63.10-2013 – Section 11.9.2.2.4

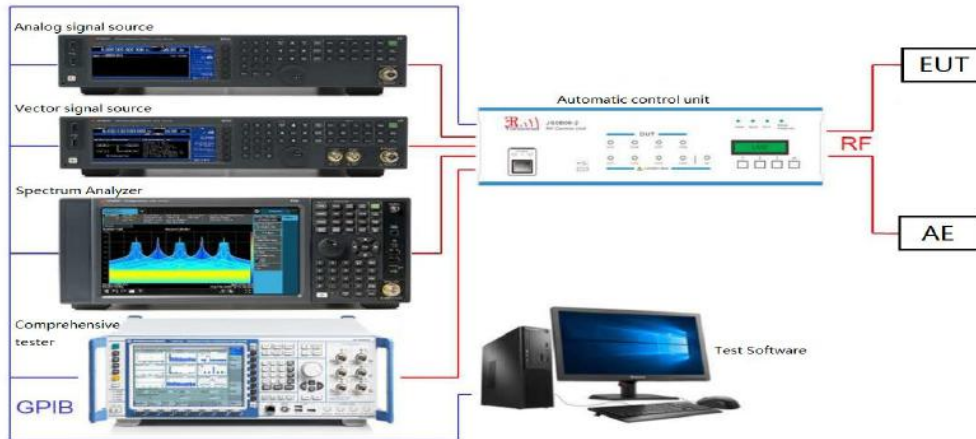
KDB 558074 D01 v05r02 – Section 8.3.2.2

7.3.3. Test Setting

1. Set span to at least 1.5 times the OBW..
2. Set RBW = 1% to 5% of the OBW, not to exceed 1 MHz.
3. Set VBW $\geq [3 \times \text{RBW}]$.
4. Number of points in sweep $\geq [2 \times \text{span} / \text{RBW}]$. (This gives bin-to-bin spacing $\text{RBW} / 2$, so that narrowband signals are not lost between frequency bins.)
5. Sweep time = auto.
6. Detector = RMS (i.e., power averaging), if available. Otherwise, use sample detector mode.
7. Do not use sweep triggering. Allow the sweep to “free run.”
8. Trace average at least 100 traces in power averaging (rms) mode; however, the number of traces to be averaged shall be increased above 100 as needed such that the average accurately represents the true average over the ON and OFF periods of the transmitter.
9. Compute power by integrating the spectrum across the OBW of the signal using the instrument’s band power measurement function with band limits set equal to the OBW band edges. If the instrument does not have a band power function, then sum the spectrum levels (in power units) at intervals equal to the RBW extending across the entire OBW of the spectrum. 10 Add $[10 \log (1 / D)]$, where D is the duty cycle, to the measured power to compute the average power

during the actual transmission times (because the measurement represents an average over both the ON and OFF times of the transmission). For example, add $[10 \log (1/0.25)] = 6 \text{ dB}$ if the duty cycle is 25%.

7.3.4. Test Setup



7.3.5. Test Result of Output Power

Temperature:	26.5°C
Relative Humidity:	46 %
ATM Pressure:	98.9 kPa
Test Data:	2025-07-30
Test Engineer:	Stone Zhang

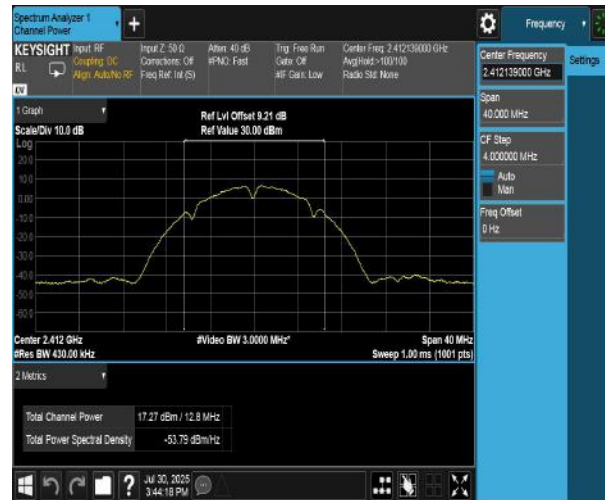
Test Mode	Frequency [MHz]	Average power [dBm]	Limit [dBm]	Verdict
11B	2412	17.27	≤30.00	PASS
	2437	17.29	≤30.00	PASS
	2462	17.76	≤30.00	PASS
11G	2412	14.43	≤30.00	PASS
	2437	13.14	≤30.00	PASS
	2462	15.53	≤30.00	PASS
11N20SISO	2412	14.30	≤30.00	PASS
	2437	12.98	≤30.00	PASS
	2462	15.47	≤30.00	PASS

Note:

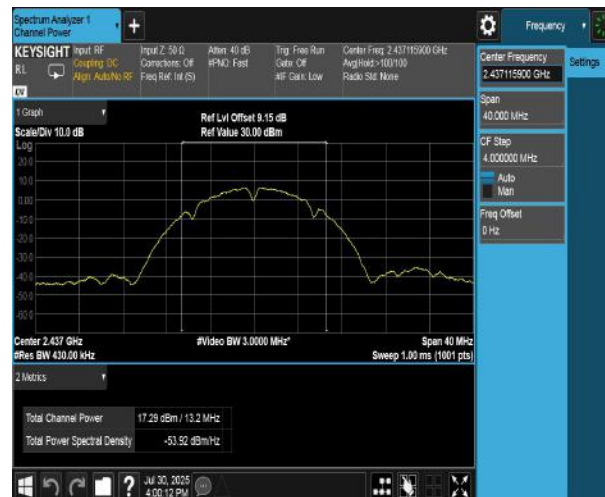
The Duty Cycle Factor is compensated in the Offset of graph.

Test Graphs

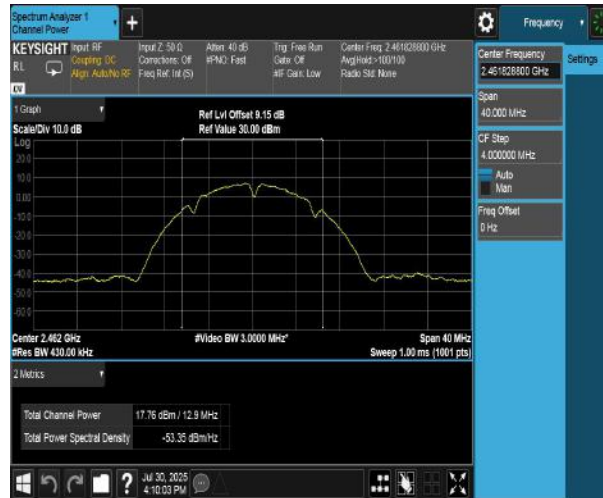
11B_Ant1_2412



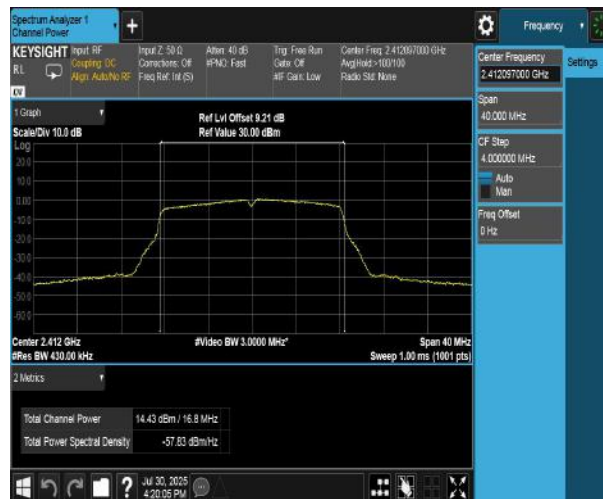
11B_Ant1_2437



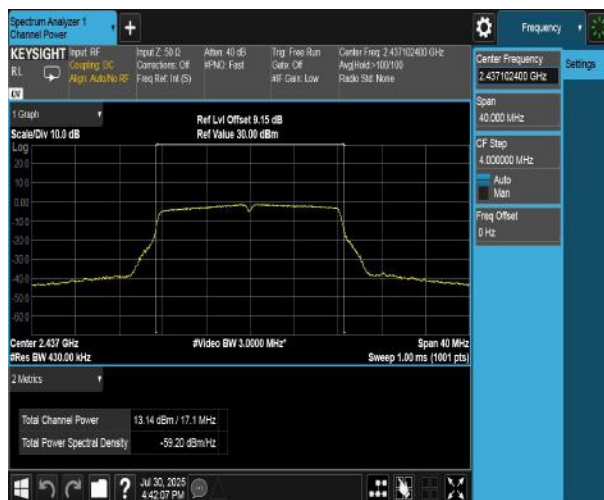
11B_Ant1_2462



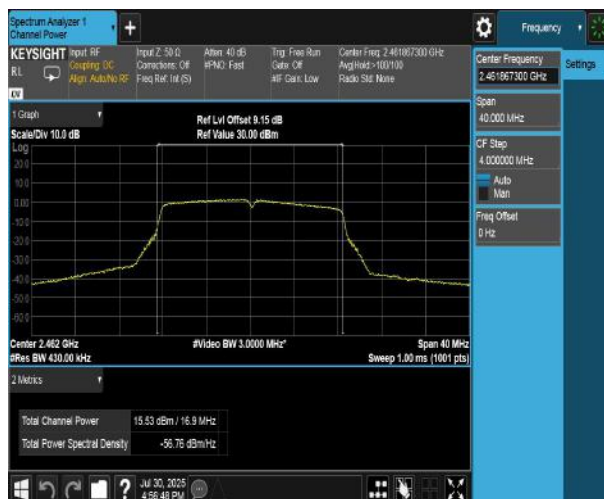
11G_Ant1_2412



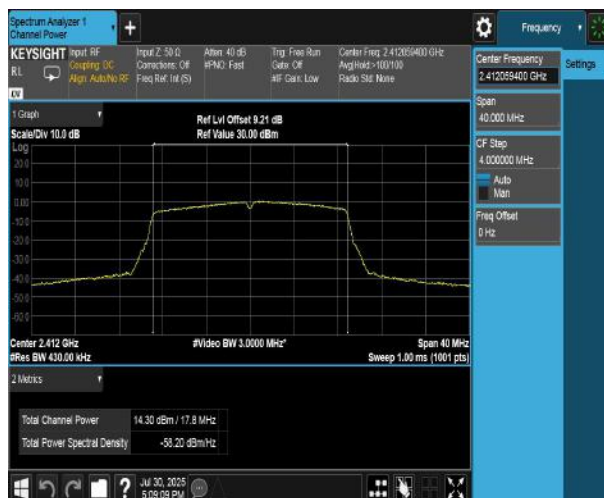
11G_Ant1_2437



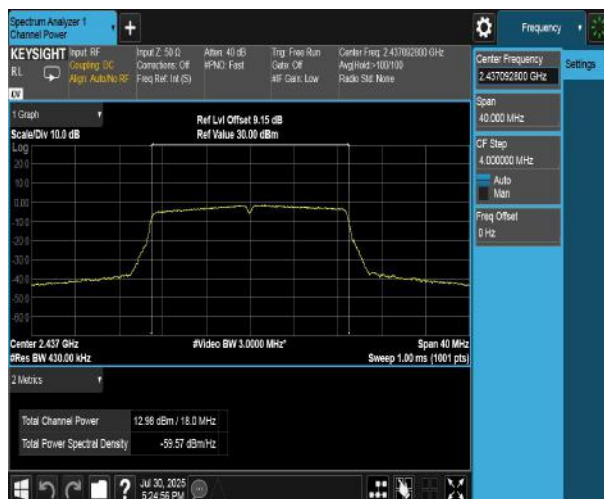
11G_Ant1_2462



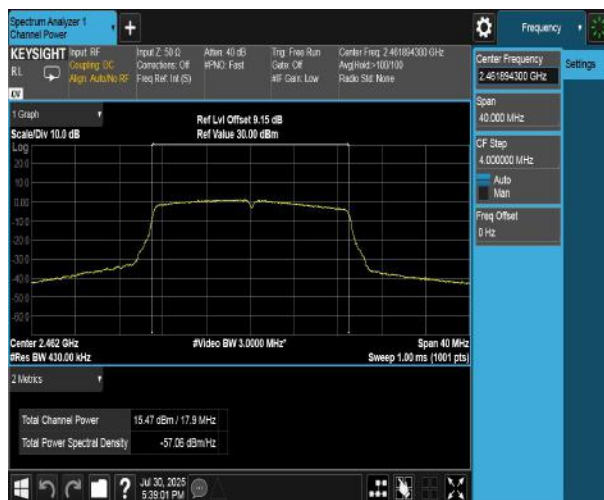
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



7.4. Power Spectral Density Measurement

7.4.1. Test Limit

The maximum permissible power spectral density is 8dBm in any 3 kHz band. And for antenna gain greater than 6dBi the limit shall reduce by the amount in dB that the directional gain of the antenna exceeds 6dBi.

7.4.2. Test Procedure Used

KDB 558074 D01 v05r02 - Section 8.4

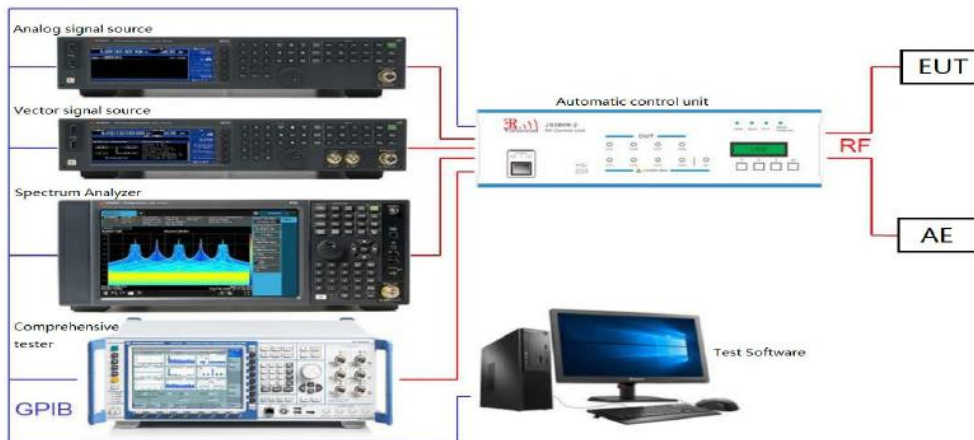
ANSI C63.10 – Section 11.10.5

7.4.3. Test Setting

1. Set analyzer center frequency to DTS channel center frequency.
2. Set the span to 1.5 times the OBW.
3. Set the RBW to $3 \text{ kHz} \leq \text{RBW} \leq 100 \text{ kHz}$.
4. Set the VBW $\geq [3 \times \text{RBW}]$.
5. Detector = power averaging (rms) or sample detector (when rms not available).
6. Ensure that the number of measurement points in the sweep $\geq [2 \times \text{span} / \text{RBW}]$.
7. Sweep time = auto couple.
8. Do not use sweep triggering; allow sweep to “free run.”
9. Employ trace averaging (rms) mode over a minimum of 100 traces.
10. Use the peak marker function to determine the maximum amplitude level.
11. Add $[10 \log (1 / D)]$, where D is the duty cycle measured in step a), to the measured PSD to

If measured value exceeds requirement specified by regulatory agency, then reduce RBW (but no less than 3 kHz) and repeat (note that this may require zooming in on the emission of interest and reducing the span to meet the minimum measurement point requirement as the RBW is reduced).

7.4.4. Test Setup



7.4.5. Test Result

Temperature:	26.5°C
Relative Humidity:	46 %
ATM Pressure:	98.9 kPa
Test Data:	2025-07-30
Test Engineer:	Stone Zhang

Test Mode	Frequency [MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	2412	-13.231	≤8.00	PASS
	2437	-13.721	≤8.00	PASS
	2462	-13.270	≤8.00	PASS
11G	2412	-18.415	≤8.00	PASS
	2437	-20.311	≤8.00	PASS
	2462	-17.534	≤8.00	PASS
11N20SISO	2412	-18.733	≤8.00	PASS
	2437	-20.720	≤8.00	PASS
	2462	-17.876	≤8.00	PASS

Test Graphs

11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462



11G_Ant1_2412



11G_Ant1_2437



11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



7.5. Conducted Band Edge and Out-of-Band Emissions

7.5.1. Test Limit

The limit for out-of-band spurious emissions at the band edge is 30dB below the fundamental emission level, as determined from the in-band power measurement of the DTS channel performed in a 100 kHz bandwidth per the PSD procedure.

7.5.2. Test Procedure Used

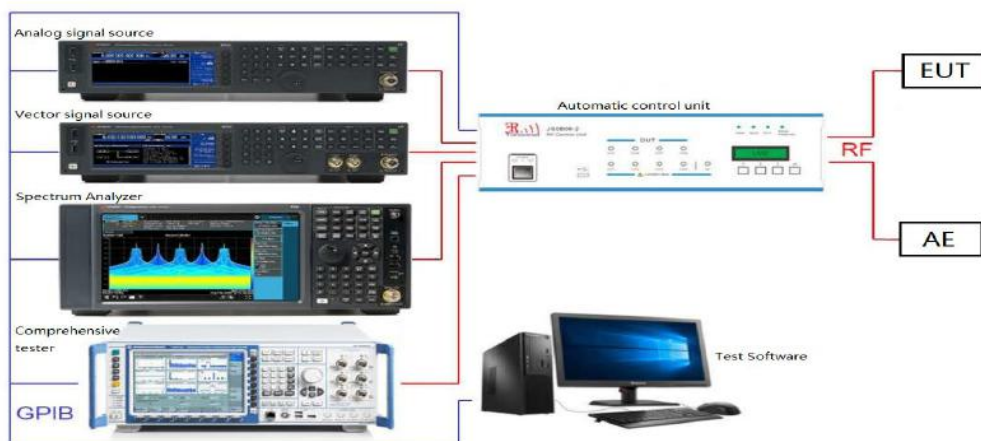
KDB 558074 D01 v05r02 - Section 8.5 & Section 8.6

ANSI C63.10 – Section 11.11&11.12

7.5.3. Test Settintg

- (a) Set the center frequency and span to encompass frequency range to be measured
- (b) RBW = 100kHz
- (c) VBW = 300kHz
- (d) Detector = Peak
- (e) Trace mode = max hold
- (f) Sweep time = auto couple
- (g) The trace was allowed to stabilize

7.5.4. Test Setup



7.5.5. Test Result

Temperature:	26.5°C
Relative Humidity:	46%
ATM Pressure:	98.9 kPa
Test Data:	2025-07-30
Test Engineer:	Stone Zhang

Test Mode	Ch Name	Frequency [MHz]	Ref Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Low	2412	9.73	-41.44	≤-20.27	PASS
	High	2462	9.70	-47.67	≤-20.30	PASS
11G	Low	2412	1.82	-35.37	≤-28.18	PASS
	High	2462	2.55	-45.55	≤-27.45	PASS
11N20SISO	Low	2412	1.47	-34.52	≤-28.53	PASS
	High	2462	2.13	-43.79	≤-27.88	PASS

Test Mode	Frequency [MHz]	Freq Range [Mhz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	2412	Reference	9.41	9.41	---	PASS
		30~1000	9.41	-40.09	≤-20.59	PASS
		1000~26500	9.41	-31.79	≤-20.59	PASS
	2437	Reference	9.44	9.44	---	PASS
		30~1000	9.44	-40.24	≤-20.56	PASS
		1000~26500	9.44	-31.98	≤-20.56	PASS
	2462	Reference	9.88	9.88	---	PASS
		30~1000	9.88	-40.85	≤-20.12	PASS
		1000~26500	9.88	-32.23	≤-20.12	PASS
11G	2412	Reference	2.28	2.28	---	PASS
		30~1000	2.28	-40.23	≤-27.72	PASS
		1000~26500	2.28	-31.35	≤-27.72	PASS
	2437	Reference	-0.16	-0.16	---	PASS
		30~1000	-0.16	-40.71	≤-30.16	PASS
		1000~26500	-0.16	-31.9	≤-30.16	PASS
	2462	Reference	2.63	2.63	---	PASS
		30~1000	2.63	-40.45	≤-27.37	PASS

		1000~26500	2.63	-31.23	≤ -27.37	PASS
11N20SISO	2412	Reference	1.64	1.64	---	PASS
		30~1000	1.64	-40.27	≤ -28.36	PASS
		1000~26500	1.64	-31.57	≤ -28.36	PASS
	2437	Reference	-0.25	-0.25	---	PASS
		30~1000	-0.25	-40.39	≤ -30.25	PASS
		1000~26500	-0.25	-31.56	≤ -30.25	PASS
	2462	Reference	3.28	3.28	---	PASS
		30~1000	3.28	-40.18	≤ -26.72	PASS
		1000~26500	3.28	-32.12	≤ -26.72	PASS

The BandedgeTest Graphs

11B_Ant1_Low_2412



11B_Ant1_High_2462



11G_Ant1_Low_2412



11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462



The Conducted Spurious Emission Test Graphs

11B_Ant1_2412_0~Reference



11B_Ant1_2412_30~1000



11B_Ant1_2412_1000~26500



11B_Ant1_2437_0~Reference



11B_Ant1_2437_30~1000



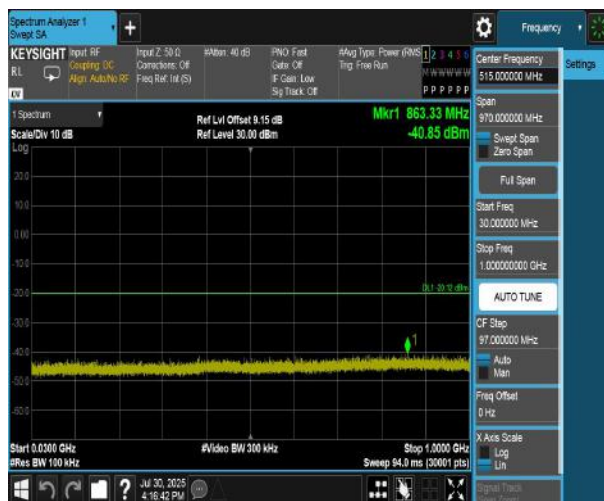
11B_Ant1_2437_1000~26500



11B_Ant1_2462_0~Reference



11B_Ant1_2462_30~1000



11B_Ant1_2462_1000~26500



11G_Ant1_2412_0~Reference



11G_Ant1_2412_30~1000



11G_Ant1_2412_1000~26500



11G_Ant1_2437_0~Reference



11G_Ant1_2437_30~1000



11G_Ant1_2437_1000~26500



11G_Ant1_2462_0~Reference



11G_Ant1_2462_30~1000



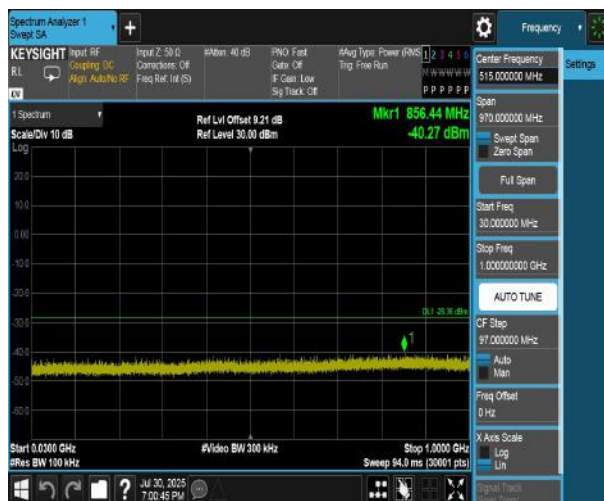
11G_Ant1_2462_1000~26500



11N20SISO_Ant1_2412_0~Reference



11N20SISO_Ant1_2412_30~1000



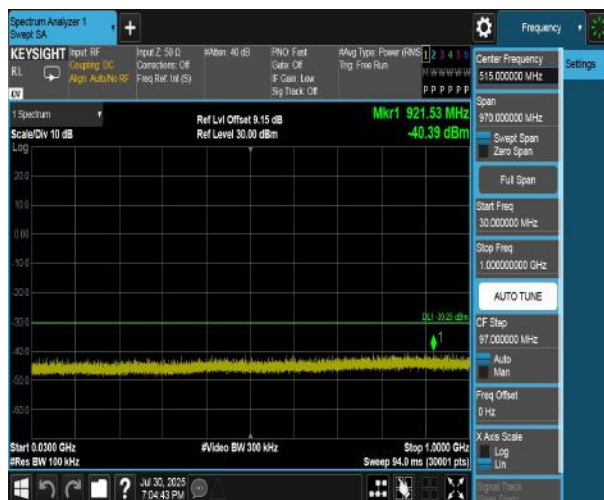
11N20SISO_Ant1_2412_1000~26500



11N20SISO_Ant1_2437_0~Reference



11N20SISO_Ant1_2437_30~1000



11N20SISO_Ant1_2437_1000~26500



11N20SISO_Ant1_2462_0~Reference



11N20SISO_Ant1_2462_30~1000



11N20SISO_Ant1_2462_1000~26500



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 [uV/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 C63.10-2013 – Section 6.6.4.3

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

- Trace was allowed to stabilize

Table 1 - RBW as a function of frequency

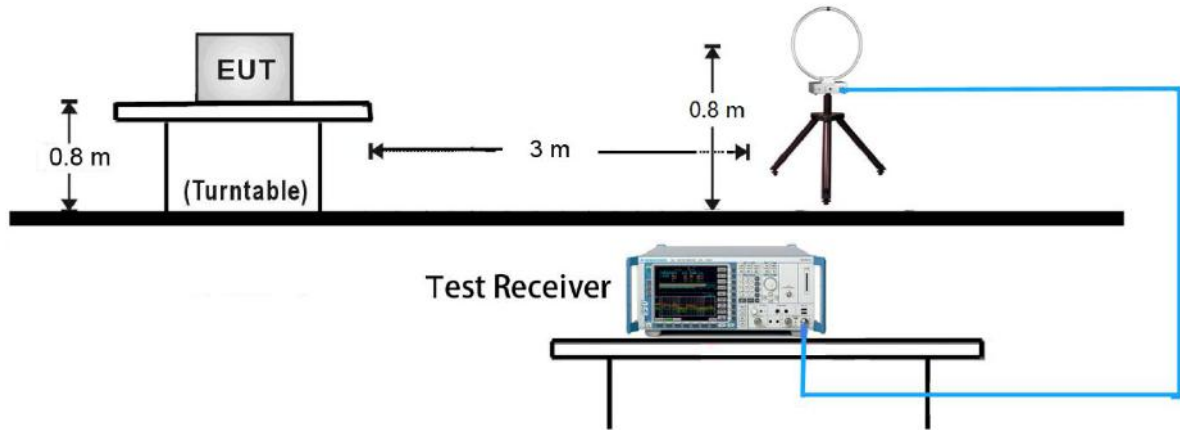
Frequency	RBW
9 ~ 150 kHz	200 ~ 300 Hz
0.15 ~ 30 MHz	9 ~ 10 kHz
30 ~ 1000 MHz	100 ~ 120 kHz
> 1000 MHz	1 MHz

Average Field Strength Measurements

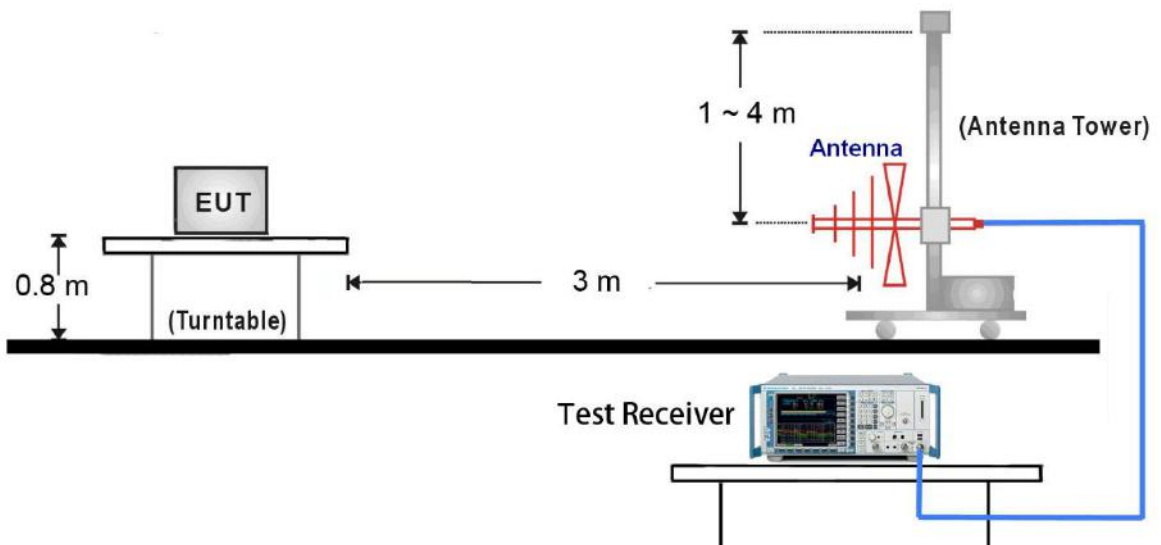
- Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
- RBW = 1MHz
- VBW = 3MHz
- Detector = Power Average (RMS)
- Number of sweep point = 2001 (Number of sweep points must be $\geq 2 \times \text{span} / \text{RBW}$)
- Sweep time = auto
- Trace (RMS) averaging was performed over at least 100 traces.

7.6.4. Test Setup

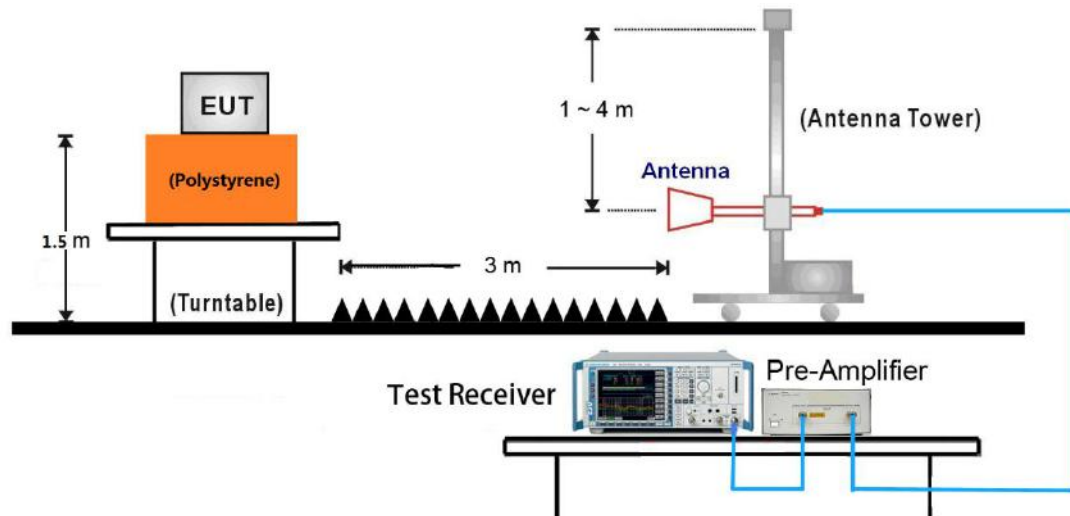
9kHz ~ 30MHz Test Setup:



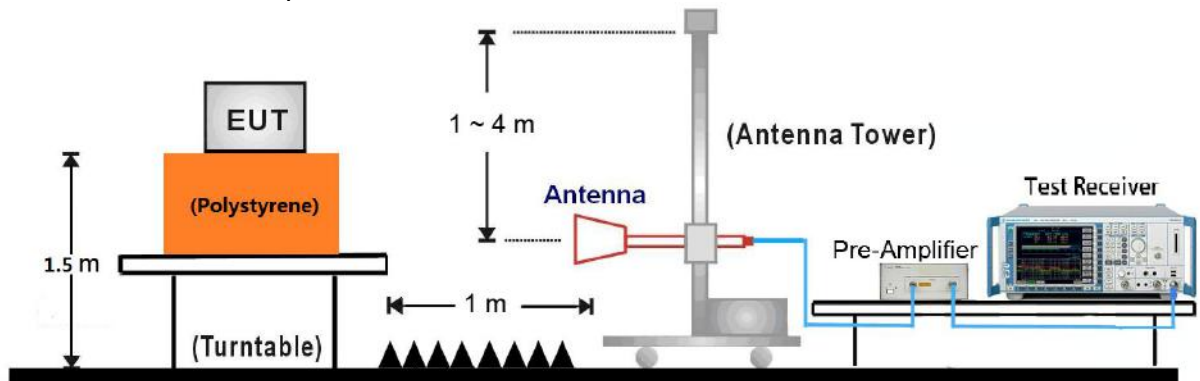
30MHz ~ 1GHz Test Setup:



1GHz ~ 18GHz Test Setup:



18GHz ~ 25GHz Test Setup:

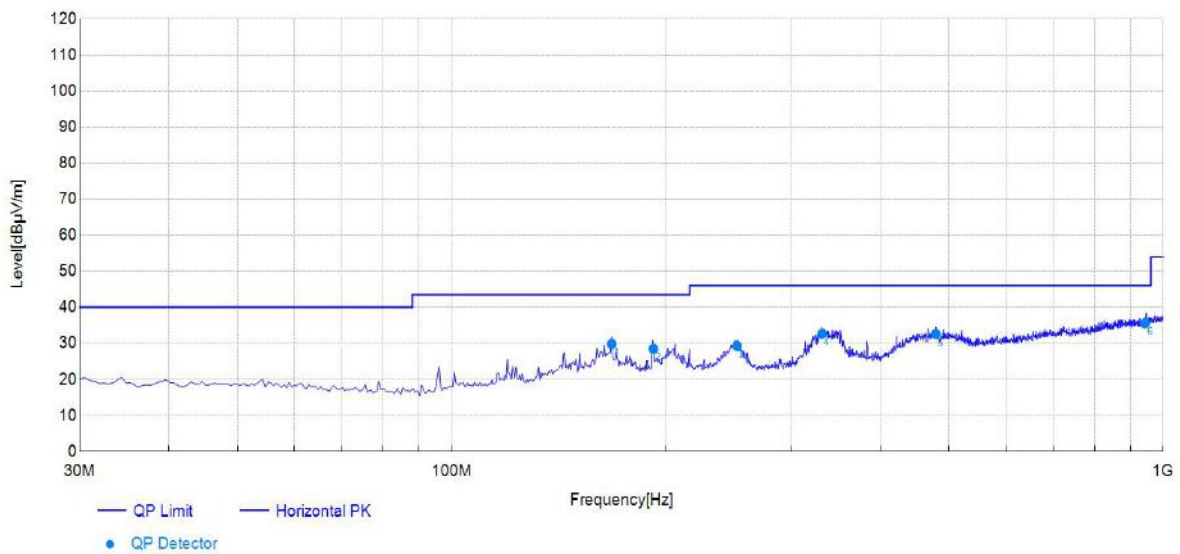


7.6.5. Test Result

The worst case of Radiated Emission below 1GHz:

30MHz – 1GHz Test Data

EUT:	IVI Assy	Polarity:	Horizontal
Model:	Q000	Test Date:	2025-08-02
Mode:	Transmit by 802.11b at Channel 2412MHz	Voltage:	DC 13.2V
Environment:	Temp: 24.3°C; Humi:54%	Engineer:	Stone Zhang



Final Data List

NO.	Frequency [MHz]	Factor [dB/m]	QP Reading [dBμV]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Pol	Verdict
1	167.81	17.65	12.20	29.85	43.50	13.65	150	0	Horizontal	PASS
2	192.07	15.39	13.11	28.50	43.50	15.00	150	291	Horizontal	PASS
3	251.76	16.09	13.23	29.32	46.00	16.68	100	59	Horizontal	PASS
4	331.34	17.48	15.19	32.67	46.00	13.33	100	359	Horizontal	PASS
5	478.85	21.54	11.08	32.62	46.00	13.38	100	33	Horizontal	PASS
6	942.26	28.68	6.91	35.59	46.00	10.41	100	118	Horizontal	PASS

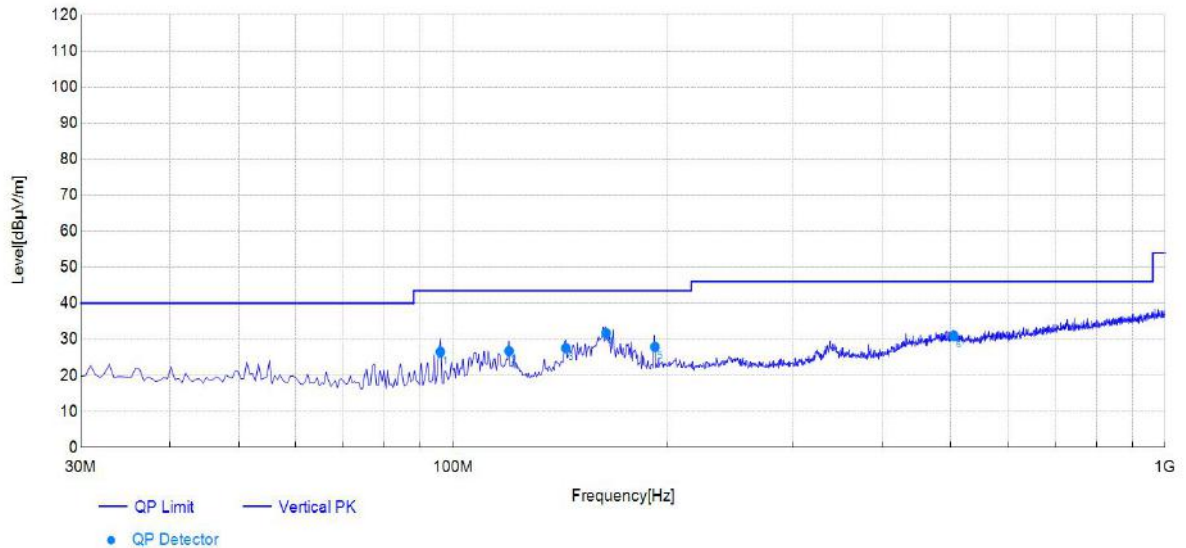
Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level

(3) The test trace is same as the ambient noise and the amplitude of the emissions are attenuated more than 20dB below the permissible (the test frequency range: 9kHz ~ 30MHz, 18GHz ~ 25GHz), therefore no data appear in the report.

EUT:	IVI Assy	Polarity:	Vertical
Model:	Q000	Test Date:	2025-08-02
Mode:	Transmit by 802.11b at Channel 2412MHz	Voltage:	DC 13.2V
Environment:	Temp: 25.1°C; Humi:38%	Engineer:	Stone Zhang



Final Data List										
NO.	Frequency [MHz]	Factor [dB/m]	QP Reading [dBμV]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Pol	Verdict
1	95.99	11.81	14.69	26.50	43.50	17.00	100	0	Vertical	PASS
2	119.77	14.38	12.37	26.75	43.50	16.75	150	78	Vertical	PASS
3	144.03	16.71	10.86	27.57	43.50	15.93	100	17	Vertical	PASS
4	163.93	17.75	13.98	31.73	43.50	11.77	100	96	Vertical	PASS
5	192.07	15.39	12.52	27.91	43.50	15.59	100	201	Vertical	PASS
6	504.57	22.36	8.61	30.97	46.00	15.03	100	60	Vertical	PASS

Note:

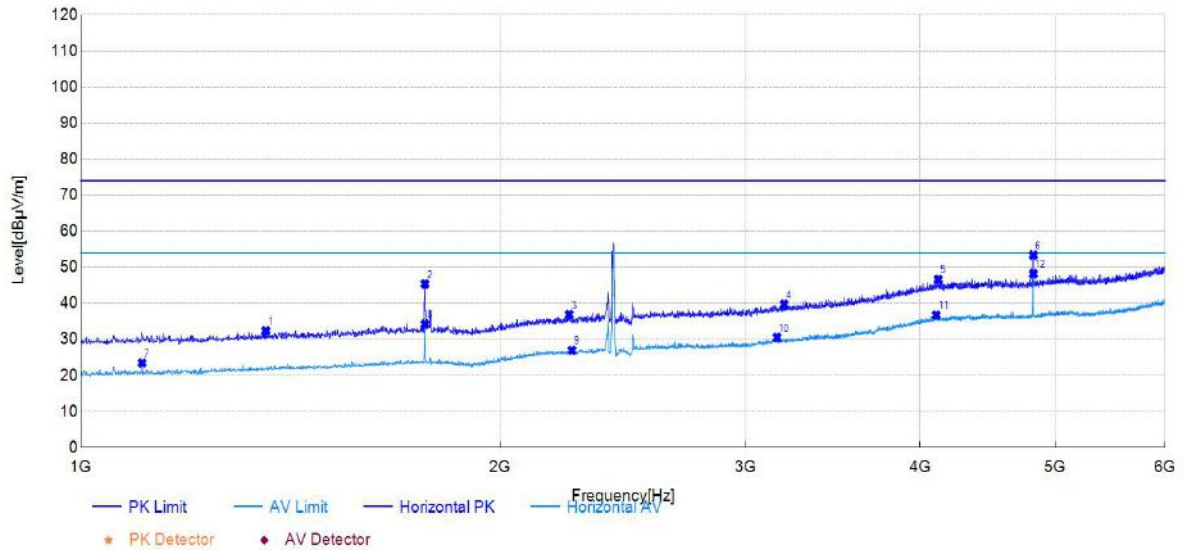
(1) Level=Reading + Factor

(2) Margin=Limit-Level

(3) The test trace is same as the ambient noise and the amplitude of the emissions are attenuated more than 20dB below the permissible (the test frequency range: 9kHz ~ 30MHz, 18GHz ~ 25GHz), therefore no data appear in the report.

1GHz-6GHz

Test Mode:	802.11b	Test Date:	2025-08-02
Test Channel:	01	Test Engineer:	Stone Zhang

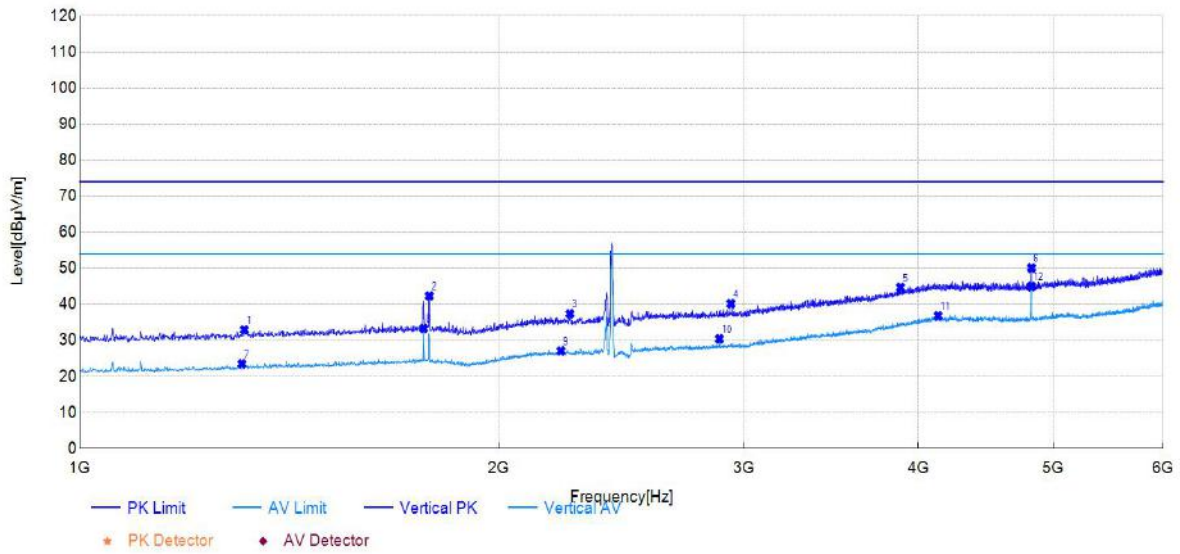


Suspected Data List

NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	1358.00	54.86	32.38	-22.48	74.00	41.62	150	219	PK	Horizontal	PASS
2	1766.00	65.15	45.38	-19.77	74.00	28.62	150	163	PK	Horizontal	PASS
3	2241.00	53.92	36.86	-17.06	74.00	37.14	150	319	PK	Horizontal	PASS
4	3197.00	53.31	39.69	-13.62	74.00	34.31	100	1	PK	Horizontal	PASS
5	4123.00	54.70	46.63	-8.07	74.00	27.37	150	130	PK	Horizontal	PASS
6	4824.00	60.10	53.38	-6.72	74.00	20.62	150	327	PK	Horizontal	PASS
7	1107.00	47.24	23.43	-23.81	54.00	30.57	100	0	AV	Horizontal	PASS
8	1766.00	53.98	34.21	-19.77	54.00	19.79	150	163	AV	Horizontal	PASS
9	2251.00	43.94	26.92	-17.02	54.00	27.08	150	45	AV	Horizontal	PASS
10	3159.00	44.33	30.53	-13.80	54.00	23.47	100	160	AV	Horizontal	PASS
11	4110.00	44.78	36.70	-8.08	54.00	17.30	150	256	AV	Horizontal	PASS
12	4824.00	54.90	48.18	-6.72	54.00	5.82	150	327	AV	Horizontal	PASS

Note:(1) Level=Reading+Factor

(2) Margin=Limit-Level



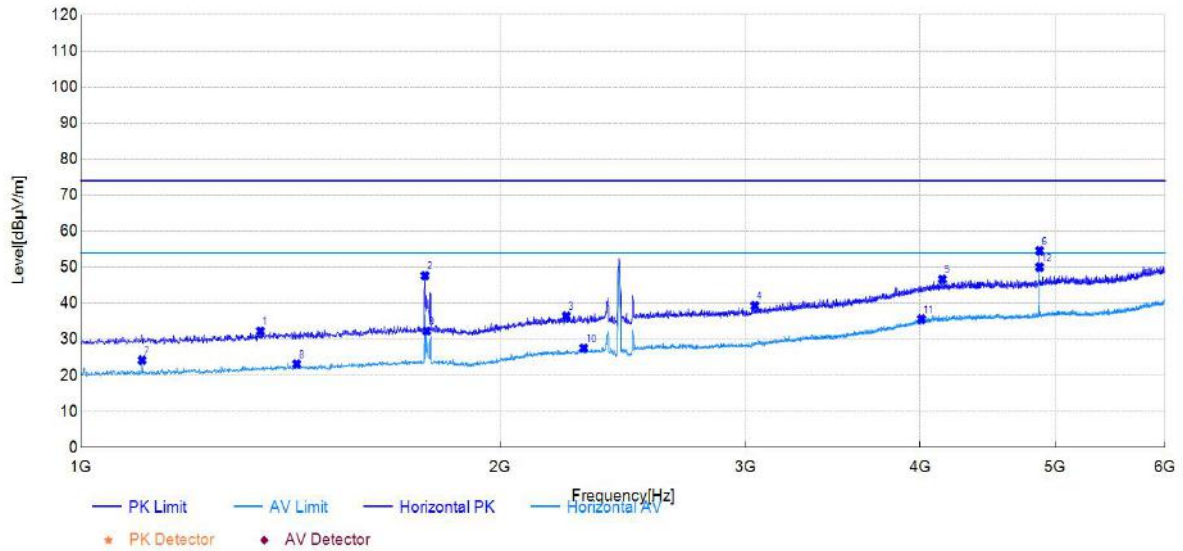
Suspected Data List

NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	1313.00	54.82	32.93	-21.89	74.00	41.07	150	197	PK	Vertical	PASS
2	1783.00	61.38	42.33	-19.05	74.00	31.67	100	256	PK	Vertical	PASS
3	2249.00	54.35	37.37	-16.98	74.00	36.63	150	354	PK	Vertical	PASS
4	2935.00	54.72	40.18	-14.54	74.00	33.82	150	78	PK	Vertical	PASS
5	3885.00	53.65	44.67	-8.98	74.00	29.33	100	219	PK	Vertical	PASS
6	4824.00	57.36	50.08	-7.28	74.00	23.92	150	305	PK	Vertical	PASS
7	1308.00	45.40	23.48	-21.92	54.00	30.52	100	26	AV	Vertical	PASS
8	1766.00	52.49	33.30	-19.19	54.00	20.70	150	115	AV	Vertical	PASS
9	2216.00	44.14	27.09	-17.05	54.00	26.91	150	300	AV	Vertical	PASS
10	2880.00	45.17	30.42	-14.75	54.00	23.58	150	44	AV	Vertical	PASS
11	4134.00	44.73	36.81	-7.92	54.00	17.19	150	14	AV	Vertical	PASS
12	4824.00	52.20	44.92	-7.28	54.00	9.08	100	322	AV	Vertical	PASS

Note: (1) Level=Reading+Factor

(2) Margin=Limit-Level

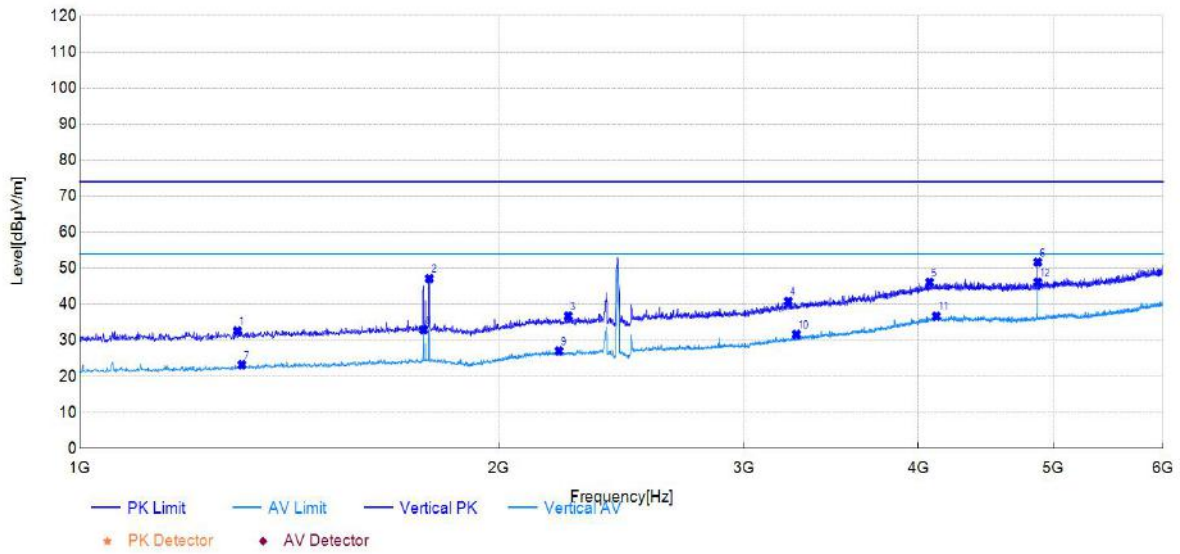
Test Mode:	802.11b	Test Date:	2025-08-02
Test Channel:	06	Test Engineer:	Stone Zhang



Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	1346.00	54.84	32.27	-22.57	74.00	41.73	150	357	PK	Horizontal	PASS
2	1766.00	67.44	47.67	-19.77	74.00	26.33	150	289	PK	Horizontal	PASS
3	2231.00	53.55	36.45	-17.10	74.00	37.55	100	327	PK	Horizontal	PASS
4	3046.00	53.66	39.32	-14.34	74.00	34.68	150	36	PK	Horizontal	PASS
5	4150.00	54.70	46.66	-8.04	74.00	27.34	150	192	PK	Horizontal	PASS
6	4874.00	61.16	54.58	-6.58	74.00	19.42	150	326	PK	Horizontal	PASS
7	1107.00	48.02	24.21	-23.81	54.00	29.79	100	0	AV	Horizontal	PASS
8	1429.00	45.24	23.17	-22.07	54.00	30.83	100	19	AV	Horizontal	PASS
9	1771.00	52.00	32.28	-19.72	54.00	21.72	150	99	AV	Horizontal	PASS
10	2296.00	44.40	27.54	-16.86	54.00	26.46	100	108	AV	Horizontal	PASS
11	4010.00	44.14	35.61	-8.53	54.00	18.39	150	322	AV	Horizontal	PASS
12	4874.00	56.61	50.03	-6.58	54.00	3.97	150	322	AV	Horizontal	PASS

Note:(1) Level=Reading+Factor

(2) Margin=Limit-Level



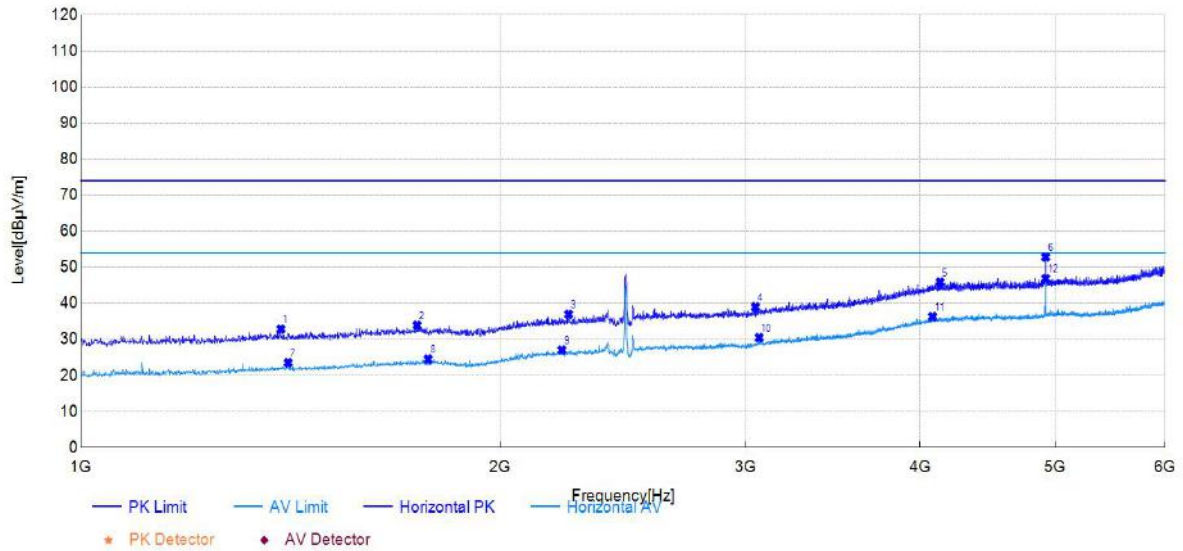
Suspected Data List

NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	1298.00	54.59	32.61	-21.98	74.00	41.39	150	140	PK	Vertical	PASS
2	1783.00	66.19	47.14	-19.05	74.00	26.86	150	298	PK	Vertical	PASS
3	2243.00	53.72	36.73	-16.99	74.00	37.27	150	226	PK	Vertical	PASS
4	3228.00	53.79	40.80	-12.99	74.00	33.20	150	186	PK	Vertical	PASS
5	4076.00	54.09	46.09	-8.00	74.00	27.91	150	186	PK	Vertical	PASS
6	4874.00	58.89	51.71	-7.18	74.00	22.29	150	319	PK	Vertical	PASS
7	1308.00	45.16	23.24	-21.92	54.00	30.76	150	170	AV	Vertical	PASS
8	1766.00	52.12	32.93	-19.19	54.00	21.07	150	352	AV	Vertical	PASS
9	2209.00	44.10	27.03	-17.07	54.00	26.97	100	41	AV	Vertical	PASS
10	3271.00	44.38	31.65	-12.73	54.00	22.35	100	46	AV	Vertical	PASS
11	4122.00	44.59	36.68	-7.91	54.00	17.32	100	360	AV	Vertical	PASS
12	4874.00	53.29	46.11	-7.18	54.00	7.89	150	319	AV	Vertical	PASS

Note: (1) Level=Reading+Factor

(2) Margin=Limit-Level

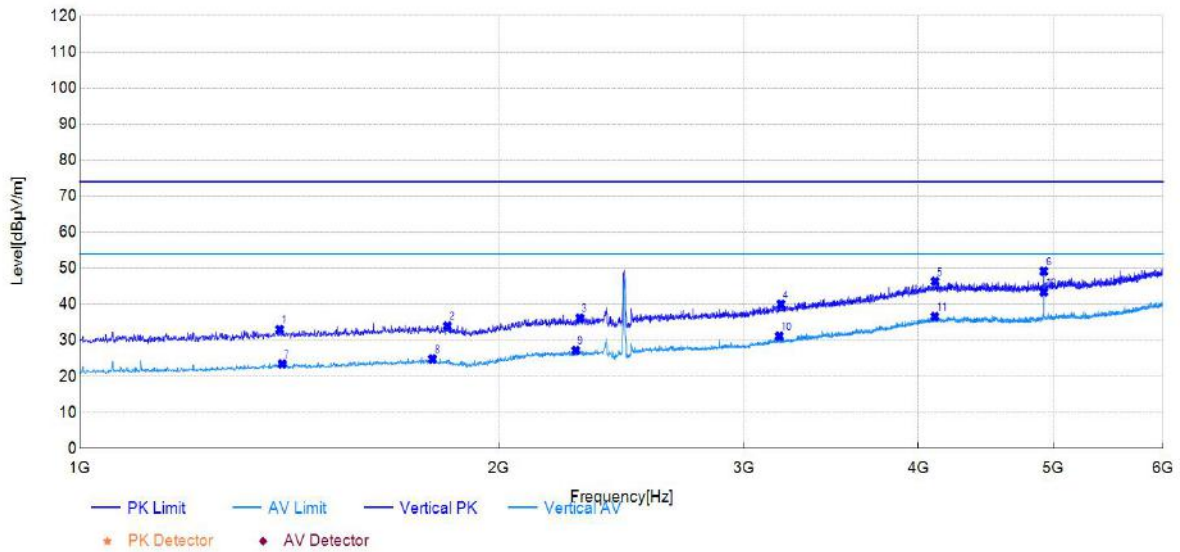
Test Mode:	802.11b	Test Date:	2025-08-02
Test Channel:	11	Test Engineer:	Stone Zhang



Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	1392.00	55.09	32.84	-22.25	74.00	41.16	150	338	PK	Horizontal	PASS
2	1743.00	53.91	33.95	-19.96	74.00	40.05	150	15	PK	Horizontal	PASS
3	2239.00	54.00	36.93	-17.07	74.00	37.07	150	289	PK	Horizontal	PASS
4	3049.00	53.33	39.01	-14.32	74.00	34.99	150	65	PK	Horizontal	PASS
5	4135.00	53.90	45.85	-8.05	74.00	28.15	150	191	PK	Horizontal	PASS
6	4924.00	59.24	52.85	-6.39	74.00	21.15	150	323	PK	Horizontal	PASS
7	1409.00	45.66	23.51	-22.15	54.00	30.49	150	230	AV	Horizontal	PASS
8	1775.00	44.17	24.48	-19.69	54.00	29.52	150	260	AV	Horizontal	PASS
9	2214.00	44.19	27.03	-17.16	54.00	26.97	150	296	AV	Horizontal	PASS
10	3067.00	44.72	30.48	-14.24	54.00	23.52	150	2	AV	Horizontal	PASS
11	4084.00	44.48	36.31	-8.17	54.00	17.69	150	56	AV	Horizontal	PASS
12	4924.00	53.27	46.88	-6.39	54.00	7.12	150	323	AV	Horizontal	PASS

Note:(1) Level=Reading+Factor

(2) Margin=Limit-Level

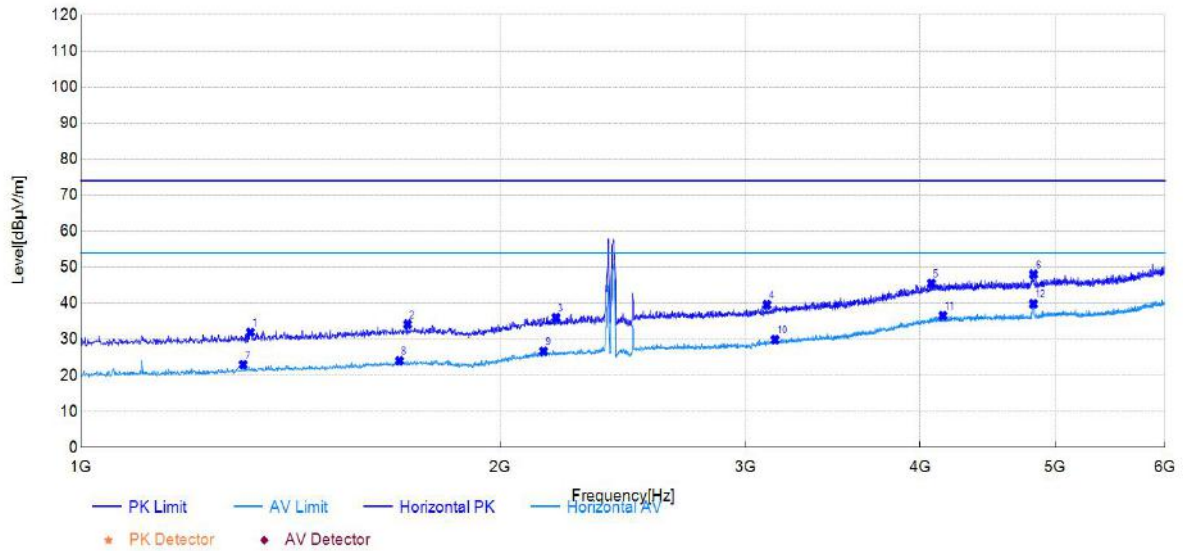


Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	1392.00	54.43	33.05	-21.38	74.00	40.95	150	236	PK	Vertical	PASS
2	1837.00	52.80	34.01	-18.79	74.00	39.99	150	255	PK	Vertical	PASS
3	2286.00	53.06	36.17	-16.89	74.00	37.83	150	357	PK	Vertical	PASS
4	3189.00	53.25	40.02	-13.23	74.00	33.98	150	57	PK	Vertical	PASS
5	4114.00	54.28	46.37	-7.91	74.00	27.63	150	333	PK	Vertical	PASS
6	4924.00	56.20	49.17	-7.03	74.00	24.83	150	57	PK	Vertical	PASS
7	1398.00	44.80	23.46	-21.34	54.00	30.54	150	61	AV	Vertical	PASS
8	1792.00	43.80	24.82	-18.98	54.00	29.18	150	160	AV	Vertical	PASS
9	2271.00	44.11	27.18	-16.93	54.00	26.82	150	49	AV	Vertical	PASS
10	3180.00	44.43	31.15	-13.28	54.00	22.85	150	38	AV	Vertical	PASS
11	4112.00	44.50	36.59	-7.91	54.00	17.41	150	171	AV	Vertical	PASS
12	4924.00	50.42	43.39	-7.03	54.00	10.61	150	322	AV	Vertical	PASS

Note:(1) Level=Reading+Factor

(2) Margin=Limit-Level

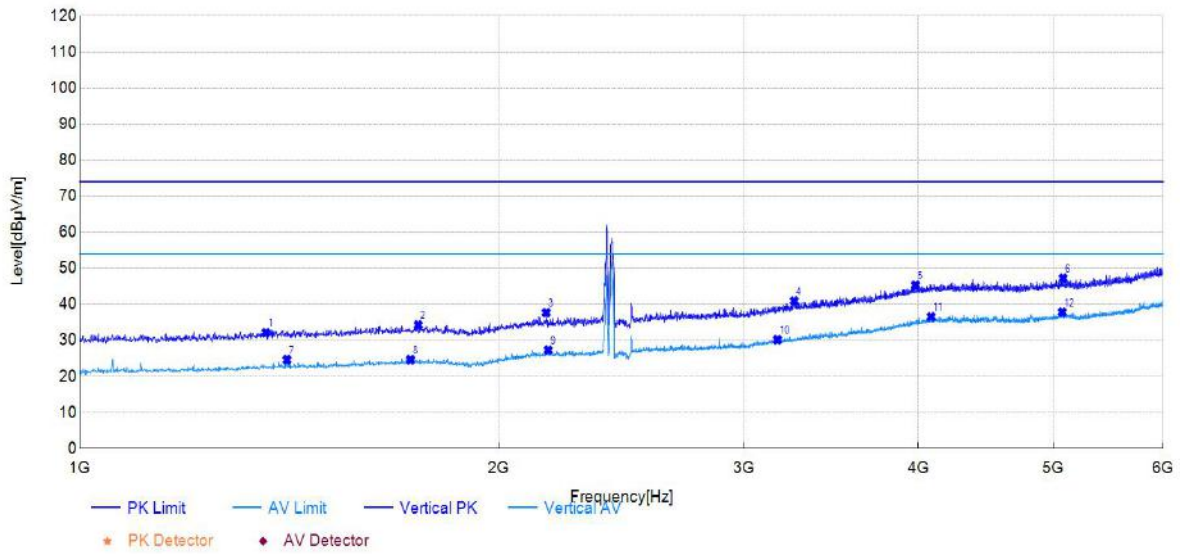
Test Mode:	802.11g	Test Date:	2025-08-02
Test Channel:	01	Test Engineer:	Stone Zhang



Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	1324.00	54.66	31.94	-22.72	74.00	42.06	150	155	PK	Horizontal	PASS
2	1716.00	54.38	34.19	-20.19	74.00	39.81	150	230	PK	Horizontal	PASS
3	2193.00	53.25	36.01	-17.24	74.00	37.99	150	189	PK	Horizontal	PASS
4	3107.00	53.62	39.57	-14.05	74.00	34.43	150	37	PK	Horizontal	PASS
5	4076.00	53.73	45.53	-8.20	74.00	28.47	150	291	PK	Horizontal	PASS
6	4825.00	54.76	48.05	-6.71	74.00	25.95	150	314	PK	Horizontal	PASS
7	1308.00	45.81	22.98	-22.83	54.00	31.02	150	155	AV	Horizontal	PASS
8	1693.00	44.45	24.07	-20.38	54.00	29.93	150	212	AV	Horizontal	PASS
9	2148.00	44.10	26.67	-17.43	54.00	27.33	150	216	AV	Horizontal	PASS
10	3149.00	43.75	29.90	-13.85	54.00	24.10	150	305	AV	Horizontal	PASS
11	4154.00	44.62	36.58	-8.04	54.00	17.42	150	44	AV	Horizontal	PASS
12	4824.00	46.56	39.84	-6.72	54.00	14.16	150	324	AV	Horizontal	PASS

Note:(1) Level=Reading+Factor

(2) Margin=Limit-Level



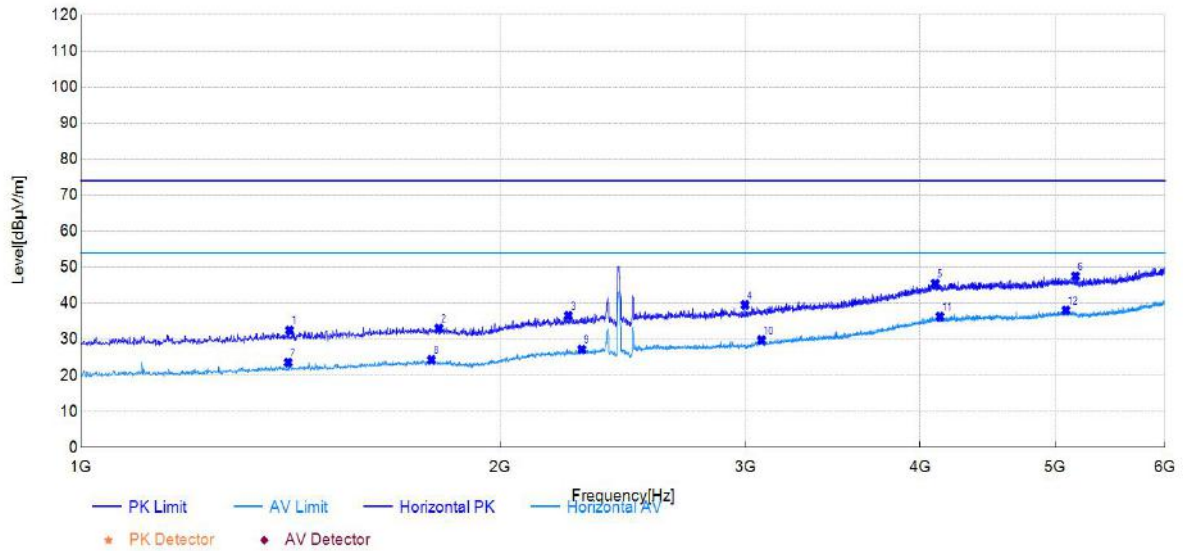
Suspected Data List

NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	1361.00	53.68	32.10	-21.58	74.00	41.90	150	183	PK	Vertical	PASS
2	1750.00	53.58	34.27	-19.31	74.00	39.73	150	161	PK	Vertical	PASS
3	2163.00	54.89	37.69	-17.20	74.00	36.31	150	356	PK	Vertical	PASS
4	3259.00	53.72	40.91	-12.81	74.00	33.09	150	70	PK	Vertical	PASS
5	3983.00	53.65	45.28	-8.37	74.00	28.72	150	98	PK	Vertical	PASS
6	5083.00	53.89	47.24	-6.65	74.00	26.76	150	168	PK	Vertical	PASS
7	1409.00	45.89	24.60	-21.29	54.00	29.40	150	15	AV	Vertical	PASS
8	1728.00	44.06	24.59	-19.47	54.00	29.41	150	61	AV	Vertical	PASS
9	2170.00	44.46	27.28	-17.18	54.00	26.72	150	107	AV	Vertical	PASS
10	3170.00	43.52	30.17	-13.35	54.00	23.83	150	11	AV	Vertical	PASS
11	4086.00	44.50	36.54	-7.96	54.00	17.46	150	70	AV	Vertical	PASS
12	5076.00	44.50	37.85	-6.65	54.00	16.15	150	319	AV	Vertical	PASS

Note: (1) Level=Reading+Factor

(2) Margin=Limit-Level

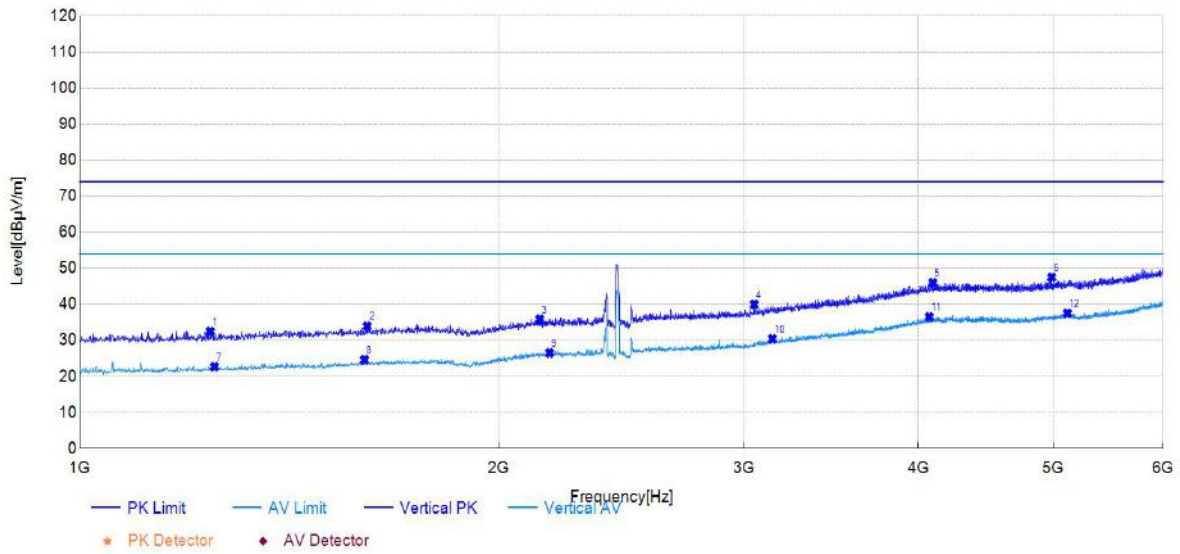
Test Mode:	802.11g	Test Date:	2025-08-02
Test Channel:	06	Test Engineer:	Stone Zhang



Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	1412.00	54.65	32.52	-22.13	74.00	41.48	150	230	PK	Horizontal	PASS
2	1807.00	52.52	33.07	-19.45	74.00	40.93	150	17	PK	Horizontal	PASS
3	2238.00	53.64	36.57	-17.07	74.00	37.43	150	152	PK	Horizontal	PASS
4	2997.00	54.11	39.56	-14.55	74.00	34.44	150	253	PK	Horizontal	PASS
5	4103.00	53.56	45.47	-8.09	74.00	28.53	150	360	PK	Horizontal	PASS
6	5172.00	53.75	47.55	-6.20	74.00	26.45	150	168	PK	Horizontal	PASS
7	1409.00	45.73	23.58	-22.15	54.00	30.42	150	10	AV	Horizontal	PASS
8	1785.00	43.91	24.30	-19.61	54.00	29.70	150	122	AV	Horizontal	PASS
9	2288.00	44.06	27.17	-16.89	54.00	26.83	150	356	AV	Horizontal	PASS
10	3079.00	43.98	29.79	-14.19	54.00	24.21	150	327	AV	Horizontal	PASS
11	4134.00	44.39	36.33	-8.06	54.00	17.67	150	137	AV	Horizontal	PASS
12	5091.00	44.14	38.07	-6.07	54.00	15.93	150	85	AV	Horizontal	PASS

Note:(1) Level=Reading+Factor

(2) Margin=Limit-Level

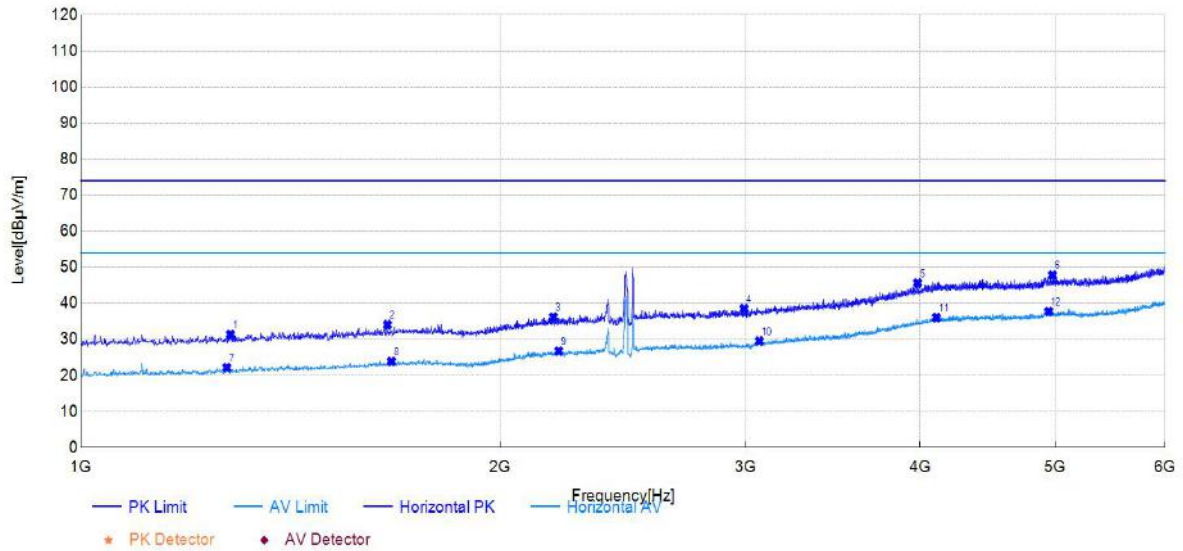


Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	1241.00	54.73	32.46	-22.27	74.00	41.54	150	88	PK	Vertical	PASS
2	1609.00	54.28	33.97	-20.31	74.00	40.03	150	316	PK	Vertical	PASS
3	2140.00	53.13	35.86	-17.27	74.00	38.14	150	55	PK	Vertical	PASS
4	3051.00	54.02	39.96	-14.06	74.00	34.04	150	248	PK	Vertical	PASS
5	4098.00	53.89	45.97	-7.92	74.00	28.03	150	70	PK	Vertical	PASS
6	4989.00	54.26	47.50	-6.76	74.00	26.50	150	208	PK	Vertical	PASS
7	1250.00	44.90	22.68	-22.22	54.00	31.32	150	67	AV	Vertical	PASS
8	1602.00	44.96	24.60	-20.36	54.00	29.40	150	165	AV	Vertical	PASS
9	2175.00	43.67	26.51	-17.16	54.00	27.49	150	131	AV	Vertical	PASS
10	3144.00	43.93	30.43	-13.50	54.00	23.57	150	74	AV	Vertical	PASS
11	4074.00	44.51	36.51	-8.00	54.00	17.49	150	236	AV	Vertical	PASS
12	5119.00	44.16	37.52	-6.64	54.00	16.48	150	126	AV	Vertical	PASS

Note:(1) Level=Reading+Factor

(2) Margin=Limit-Level

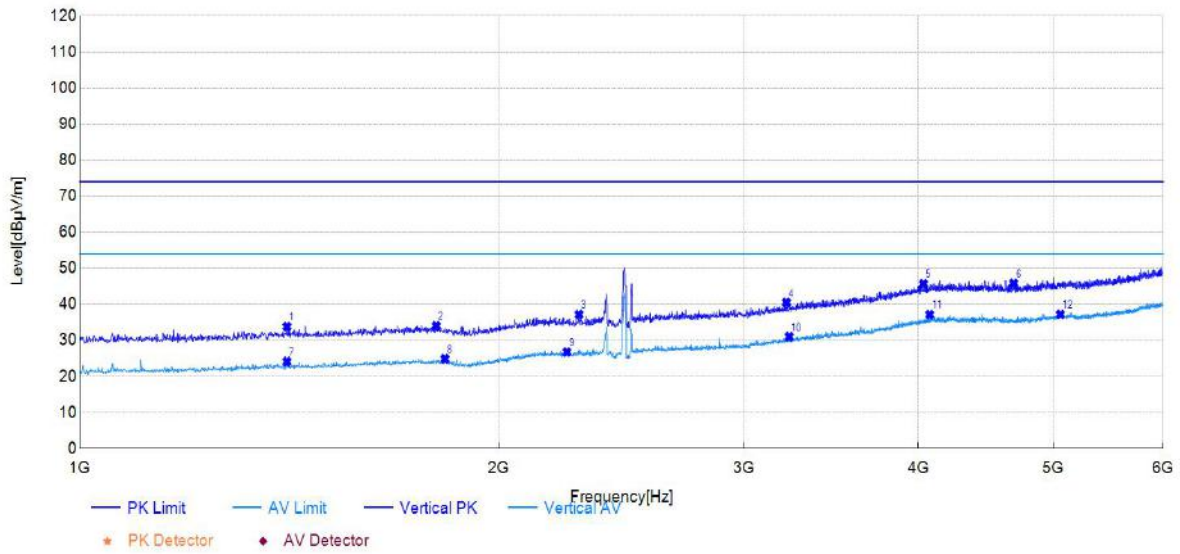
Test Mode:	802.11g	Test Date:	2025-08-02
Test Channel:	11	Test Engineer:	Stone Zhang



Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	1281.00	54.34	31.34	-23.00	74.00	42.66	150	0	PK	Horizontal	PASS
2	1660.00	54.71	34.08	-20.63	74.00	39.92	150	145	PK	Horizontal	PASS
3	2183.00	53.44	36.16	-17.28	74.00	37.84	150	37	PK	Horizontal	PASS
4	2992.00	53.12	38.55	-14.57	74.00	35.45	150	263	PK	Horizontal	PASS
5	3985.00	54.29	45.61	-8.68	74.00	28.39	150	219	PK	Horizontal	PASS
6	4980.00	53.96	47.85	-6.11	74.00	26.15	150	246	PK	Horizontal	PASS
7	1273.00	45.17	22.13	-23.04	54.00	31.87	150	1	AV	Horizontal	PASS
8	1671.00	44.46	23.91	-20.55	54.00	30.09	150	171	AV	Horizontal	PASS
9	2203.00	43.93	26.73	-17.20	54.00	27.27	150	283	AV	Horizontal	PASS
10	3068.00	43.79	29.55	-14.24	54.00	24.45	150	104	AV	Horizontal	PASS
11	4111.00	44.10	36.02	-8.08	54.00	17.98	150	349	AV	Horizontal	PASS
12	4949.00	44.01	37.75	-6.26	54.00	16.25	150	59	AV	Horizontal	PASS

Note:(1) Level=Reading+Factor

(2) Margin=Limit-Level



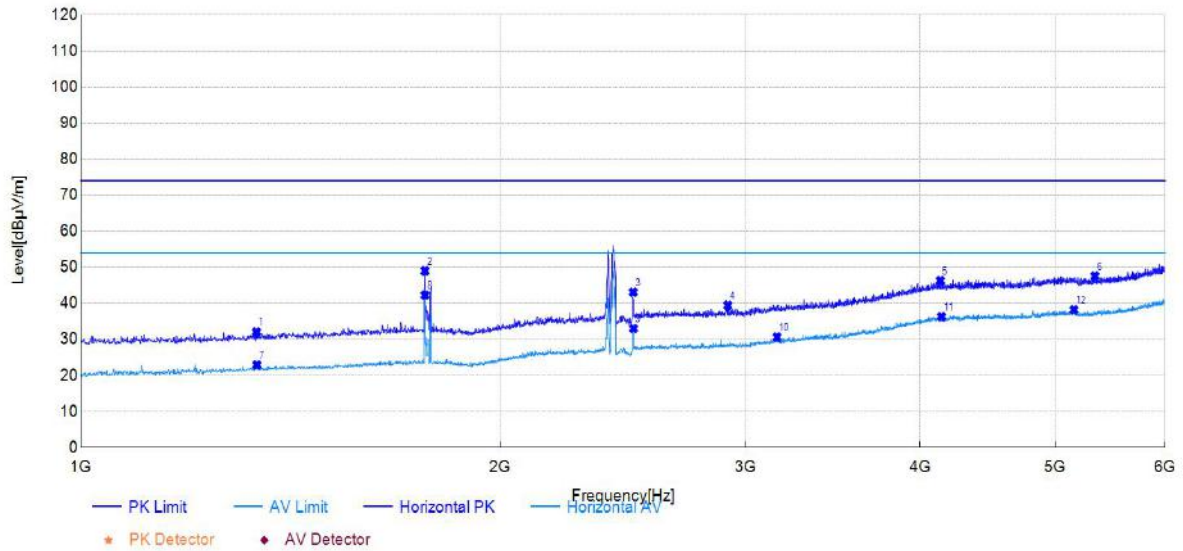
Suspected Data List

NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	1409.00	55.11	33.82	-21.29	74.00	40.18	150	129	PK	Vertical	PASS
2	1803.00	52.95	34.05	-18.90	74.00	39.95	150	338	PK	Vertical	PASS
3	2283.00	54.06	37.16	-16.90	74.00	36.84	150	360	PK	Vertical	PASS
4	3217.00	53.56	40.50	-13.06	74.00	33.50	150	18	PK	Vertical	PASS
5	4035.00	53.81	45.66	-8.15	74.00	28.34	150	21	PK	Vertical	PASS
6	4684.00	53.24	45.78	-7.46	74.00	28.22	150	360	PK	Vertical	PASS
7	1409.00	45.39	24.10	-21.29	54.00	29.90	150	77	AV	Vertical	PASS
8	1829.00	43.67	24.85	-18.82	54.00	29.15	150	357	AV	Vertical	PASS
9	2238.00	43.73	26.73	-17.00	54.00	27.27	150	174	AV	Vertical	PASS
10	3233.00	43.98	31.02	-12.96	54.00	22.98	150	360	AV	Vertical	PASS
11	4077.00	45.13	37.13	-8.00	54.00	16.87	150	70	AV	Vertical	PASS
12	5061.00	43.87	37.20	-6.67	54.00	16.80	150	186	AV	Vertical	PASS

Note:(1) Level=Reading+Factor

(2) Margin=Limit-Level

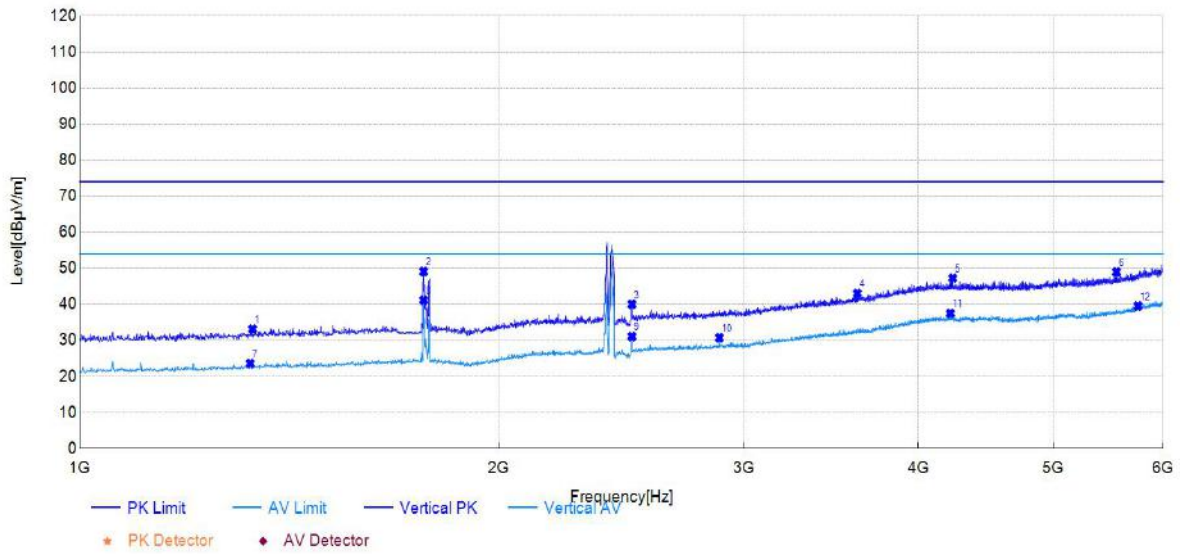
Test Mode:	802.11n-HT20	Test Date:	2025-08-02
Test Channel:	01	Test Engineer:	Stone Zhang



Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	1337.00	54.67	32.04	-22.63	74.00	41.96	100	117	PK	Horizontal	PASS
2	1766.00	68.75	48.98	-19.77	74.00	21.02	150	237	PK	Horizontal	PASS
3	2491.00	58.95	43.11	-15.84	74.00	30.89	150	345	PK	Horizontal	PASS
4	2913.00	54.16	39.44	-14.72	74.00	34.56	100	132	PK	Horizontal	PASS
5	4137.00	54.34	46.29	-8.05	74.00	27.71	100	188	PK	Horizontal	PASS
6	5340.00	53.71	47.59	-6.12	74.00	26.41	150	281	PK	Horizontal	PASS
7	1338.00	45.55	22.92	-22.63	54.00	31.08	100	350	AV	Horizontal	PASS
8	1766.00	62.02	42.25	-19.77	54.00	9.25	150	237	AV	Horizontal	PASS
9	2492.00	48.86	33.02	-15.84	54.00	20.98	150	345	AV	Horizontal	PASS
10	3159.00	44.42	30.62	-13.80	54.00	23.38	150	200	AV	Horizontal	PASS
11	4145.00	44.34	36.30	-8.04	54.00	17.70	150	174	AV	Horizontal	PASS
12	5159.00	44.38	38.21	-6.17	54.00	15.79	150	359	AV	Horizontal	PASS

Note:(1) Level=Reading+Factor

(2) Margin=Limit-Level



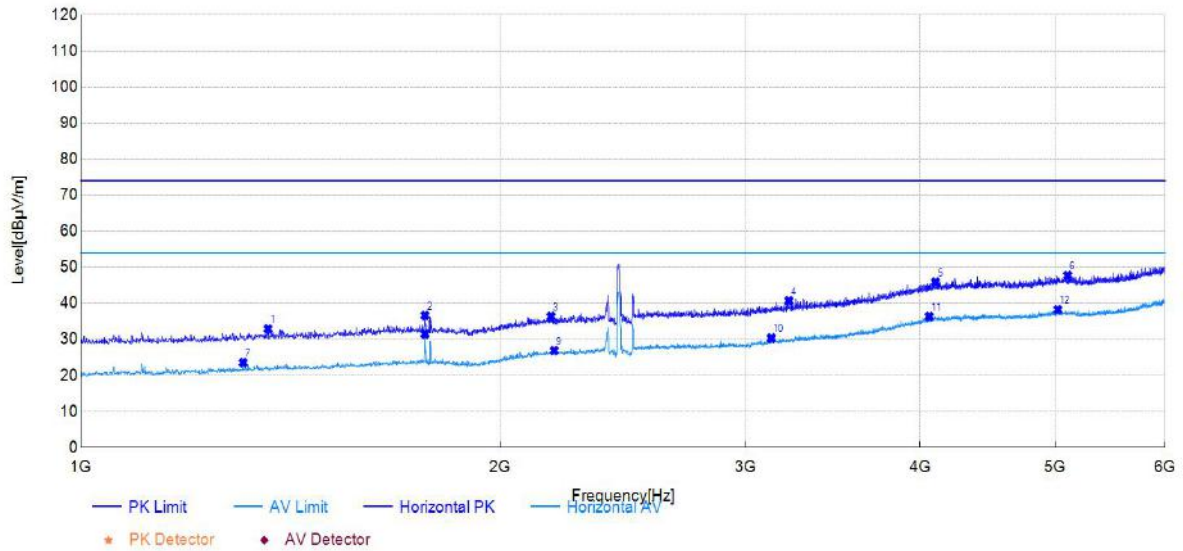
Suspected Data List

NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	1331.00	54.94	33.16	-21.78	74.00	40.84	100	67	PK	Vertical	PASS
2	1766.00	68.29	49.10	-19.19	74.00	20.90	150	0	PK	Vertical	PASS
3	2492.00	56.14	40.01	-16.13	74.00	33.99	150	11	PK	Vertical	PASS
4	3617.00	53.80	43.06	-10.74	74.00	30.94	150	279	PK	Vertical	PASS
5	4236.00	55.10	47.26	-7.84	74.00	26.74	150	242	PK	Vertical	PASS
6	5552.00	54.83	48.96	-5.87	74.00	25.04	150	130	PK	Vertical	PASS
7	1326.00	45.41	23.60	-21.81	54.00	30.40	100	171	AV	Vertical	PASS
8	1766.00	60.32	41.13	-19.19	54.00	12.87	150	0	AV	Vertical	PASS
9	2492.00	47.19	31.06	-16.13	54.00	22.94	150	11	AV	Vertical	PASS
10	2880.00	45.48	30.73	-14.75	54.00	23.27	150	250	AV	Vertical	PASS
11	4218.00	45.35	37.47	-7.88	54.00	16.53	100	48	AV	Vertical	PASS
12	5752.00	45.02	39.52	-5.50	54.00	14.48	100	359	AV	Vertical	PASS

Note: (1) Level=Reading+Factor

(2) Margin=Limit-Level

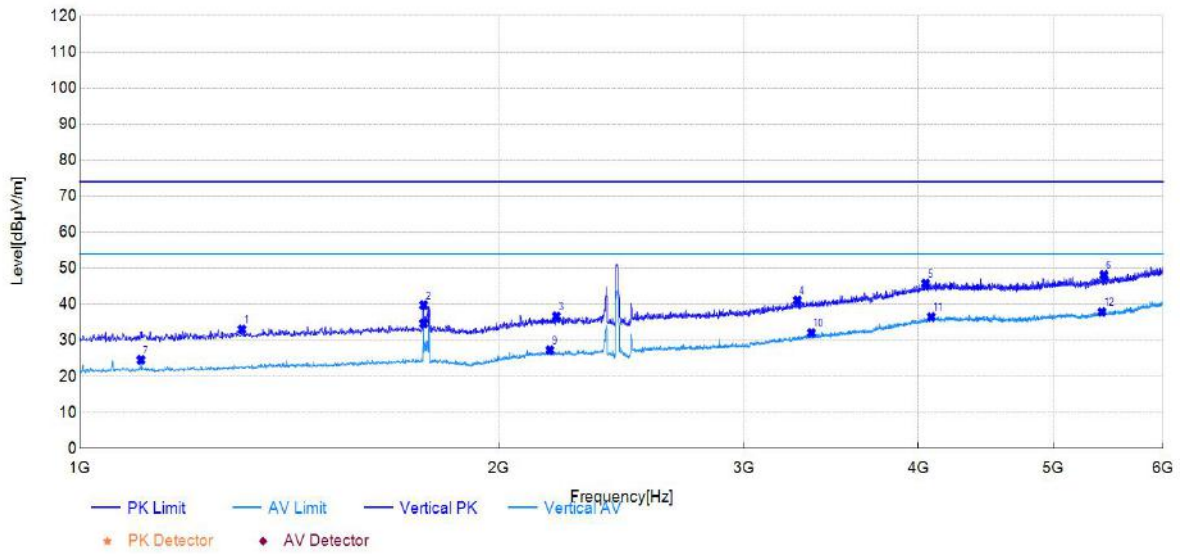
Test Mode:	802.11n-HT20	Test Date:	2025-08-02
Test Channel:	06	Test Engineer:	Stone Zhang



Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	1363.00	55.38	32.93	-22.45	74.00	41.07	150	178	PK	Horizontal	PASS
2	1766.00	56.38	36.61	-19.77	74.00	37.39	150	275	PK	Horizontal	PASS
3	2175.00	53.68	36.36	-17.32	74.00	37.64	100	41	PK	Horizontal	PASS
4	3222.00	54.18	40.68	-13.50	74.00	33.32	100	174	PK	Horizontal	PASS
5	4105.00	53.95	45.87	-8.08	74.00	28.13	150	212	PK	Horizontal	PASS
6	5105.00	53.83	47.75	-6.08	74.00	26.25	100	327	PK	Horizontal	PASS
7	1308.00	46.37	23.54	-22.83	54.00	30.46	150	137	AV	Horizontal	PASS
8	1766.00	51.26	31.49	-19.77	54.00	22.51	150	275	AV	Horizontal	PASS
9	2186.00	44.13	26.86	-17.27	54.00	27.14	100	302	AV	Horizontal	PASS
10	3130.00	44.30	30.35	-13.95	54.00	23.65	100	3	AV	Horizontal	PASS
11	4062.00	44.64	36.36	-8.28	54.00	17.64	150	327	AV	Horizontal	PASS
12	5023.00	44.29	38.26	-6.03	54.00	15.74	100	249	AV	Horizontal	PASS

Note:(1) Level=Reading+Factor

(2) Margin=Limit-Level



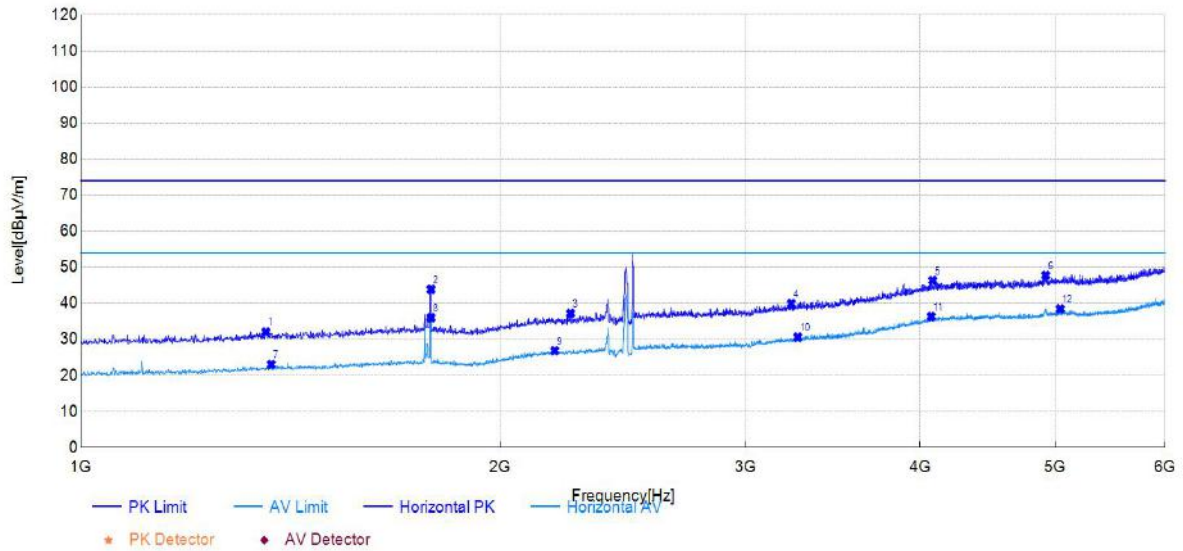
Suspected Data List

NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	1308.00	54.96	33.04	-21.92	74.00	40.96	100	207	PK	Vertical	PASS
2	1766.00	58.96	39.77	-19.19	74.00	34.23	150	33	PK	Vertical	PASS
3	2200.00	53.78	36.69	-17.09	74.00	37.31	150	37	PK	Vertical	PASS
4	3277.00	53.80	41.10	-12.70	74.00	32.90	100	244	PK	Vertical	PASS
5	4050.00	53.87	45.77	-8.10	74.00	28.23	100	203	PK	Vertical	PASS
6	5439.00	54.15	48.12	-6.03	74.00	25.88	150	8	PK	Vertical	PASS
7	1107.00	47.33	24.56	-22.77	54.00	29.44	150	26	AV	Vertical	PASS
8	1766.00	53.89	34.70	-19.19	54.00	19.30	150	223	AV	Vertical	PASS
9	2176.00	44.42	27.26	-17.16	54.00	26.74	100	358	AV	Vertical	PASS
10	3353.00	44.38	32.06	-12.32	54.00	21.94	150	1	AV	Vertical	PASS
11	4087.00	44.45	36.49	-7.96	54.00	17.51	150	265	AV	Vertical	PASS
12	5419.00	43.94	37.88	-6.06	54.00	16.12	100	110	AV	Vertical	PASS

Note: (1) Level=Reading+Factor

(2) Margin=Limit-Level

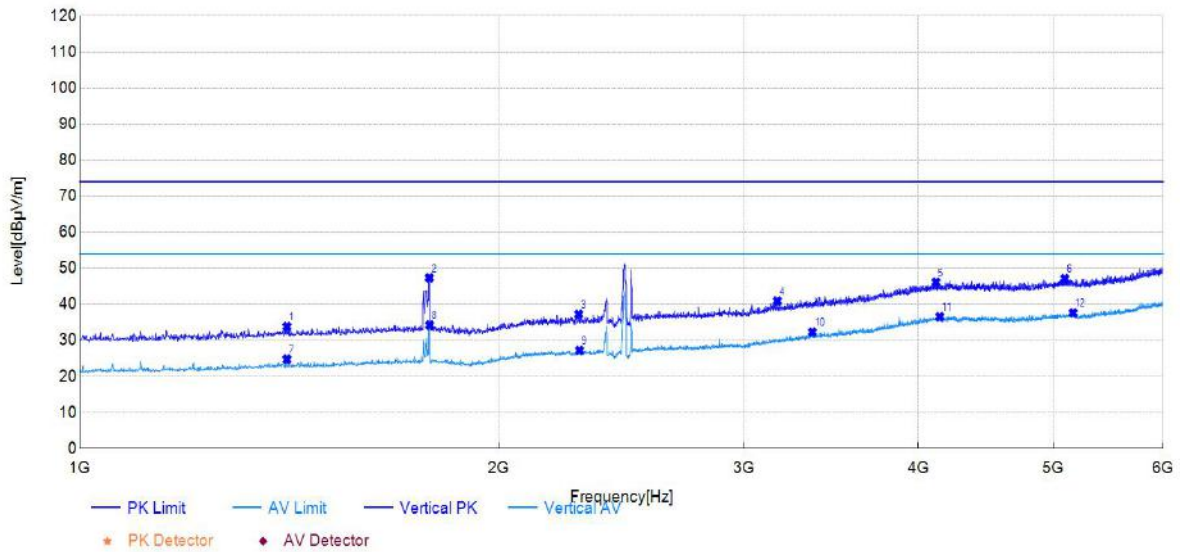
Test Mode:	802.11n-HT20	Test Date:	2025-08-02
Test Channel:	11	Test Engineer:	Stone Zhang



Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	1358.00	54.52	32.04	-22.48	74.00	41.96	150	78	PK	Horizontal	PASS
2	1784.00	63.49	43.87	-19.62	74.00	30.13	150	223	PK	Horizontal	PASS
3	2246.00	54.25	37.21	-17.04	74.00	36.79	150	115	PK	Horizontal	PASS
4	3235.00	53.35	39.91	-13.44	74.00	34.09	150	233	PK	Horizontal	PASS
5	4085.00	54.50	46.34	-8.16	74.00	27.66	150	67	PK	Horizontal	PASS
6	4924.00	54.17	47.78	-6.39	74.00	26.22	150	327	PK	Horizontal	PASS
7	1370.00	45.45	23.05	-22.40	54.00	30.95	150	29	AV	Horizontal	PASS
8	1784.00	55.61	35.99	-19.62	54.00	18.01	150	208	AV	Horizontal	PASS
9	2188.00	44.09	26.83	-17.26	54.00	27.17	150	279	AV	Horizontal	PASS
10	3269.00	43.86	30.60	-13.26	54.00	23.40	100	275	AV	Horizontal	PASS
11	4075.00	44.55	36.34	-8.21	54.00	17.66	100	191	AV	Horizontal	PASS
12	5043.00	44.51	38.47	-6.04	54.00	15.53	150	359	AV	Horizontal	PASS

Note:(1) Level=Reading+Factor

(2) Margin=Limit-Level



Suspected Data List

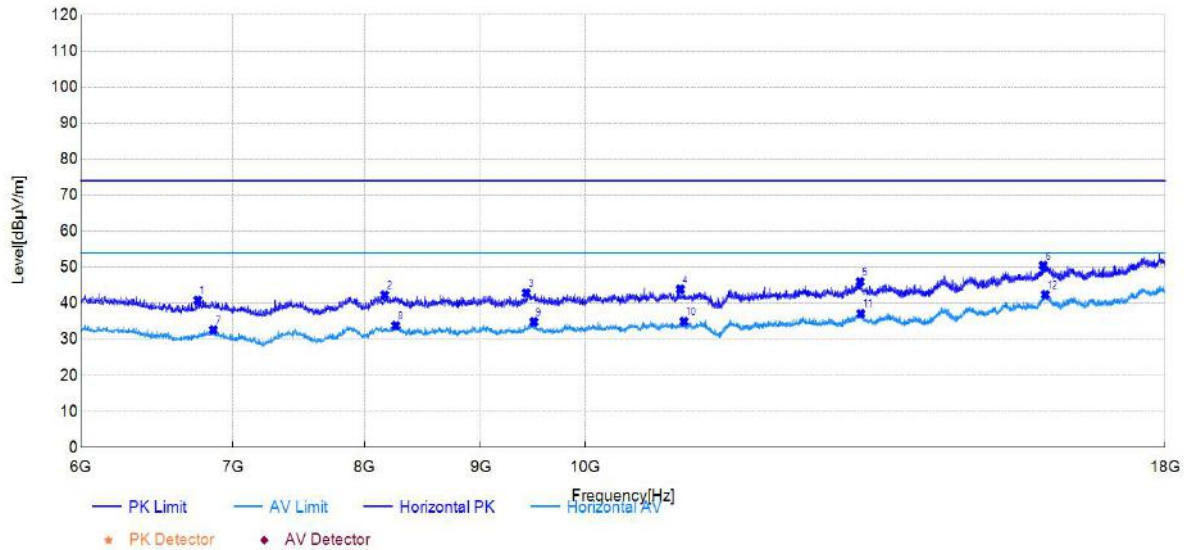
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	1409.00	55.12	33.83	-21.29	74.00	40.17	150	22	PK	Vertical	PASS
2	1783.00	66.40	47.35	-19.05	74.00	26.65	100	152	PK	Vertical	PASS
3	2282.00	54.15	37.25	-16.90	74.00	36.75	150	41	PK	Vertical	PASS
4	3169.00	54.25	40.90	-13.35	74.00	33.10	100	360	PK	Vertical	PASS
5	4120.00	54.03	46.12	-7.91	74.00	27.88	150	82	PK	Vertical	PASS
6	5097.00	53.78	47.15	-6.63	74.00	26.85	100	260	PK	Vertical	PASS
7	1409.00	46.02	24.73	-21.29	54.00	29.27	150	26	AV	Vertical	PASS
8	1784.00	53.27	34.23	-19.04	54.00	19.77	100	252	AV	Vertical	PASS
9	2285.00	44.08	27.19	-16.89	54.00	26.81	150	11	AV	Vertical	PASS
10	3358.00	44.55	32.26	-12.29	54.00	21.74	150	64	AV	Vertical	PASS
11	4145.00	44.48	36.56	-7.92	54.00	17.44	100	78	AV	Vertical	PASS
12	5168.00	44.28	37.62	-6.66	54.00	16.38	150	22	AV	Vertical	PASS

Note: (1) Level=Reading+Factor

(2) Margin=Limit-Level

6GHz-18GHz

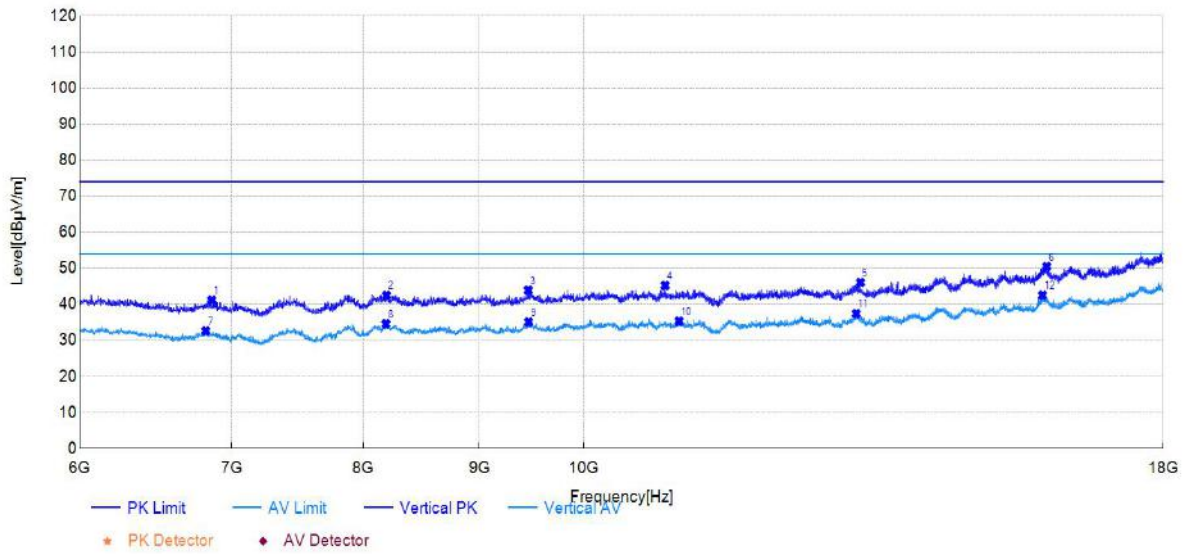
Test Mode:	802.11b	Test Date:	2025-08-02
Test Channel:	01	Test Engineer:	Stone Zhang



Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	6756.00	46.11	40.81	-5.30	74.00	33.19	150	165	PK	Horizontal	PASS
2	8164.50	43.61	42.30	-1.31	74.00	31.70	100	334	PK	Horizontal	PASS
3	9421.50	43.46	42.89	-0.57	74.00	31.11	150	286	PK	Horizontal	PASS
4	11013.00	42.67	43.90	1.23	74.00	30.10	100	279	PK	Horizontal	PASS
5	13212.00	42.60	45.95	3.35	74.00	28.05	150	18	PK	Horizontal	PASS
6	15906.00	40.70	50.48	9.78	74.00	23.52	150	158	PK	Horizontal	PASS
7	6864.00	37.19	32.61	-4.58	54.00	21.39	150	107	AV	Horizontal	PASS
8	8256.00	35.12	33.83	-1.29	54.00	20.17	150	196	AV	Horizontal	PASS
9	9495.00	34.84	34.85	0.01	54.00	19.15	100	126	AV	Horizontal	PASS
10	11055.00	33.98	34.94	0.96	54.00	19.06	100	99	AV	Horizontal	PASS
11	13221.00	33.86	37.14	3.28	54.00	16.86	100	318	AV	Horizontal	PASS
12	15940.50	32.64	42.42	9.78	54.00	11.58	150	347	AV	Horizontal	PASS

Note:(1) Level=Reading+Factor

(2) Margin=Limit-Level



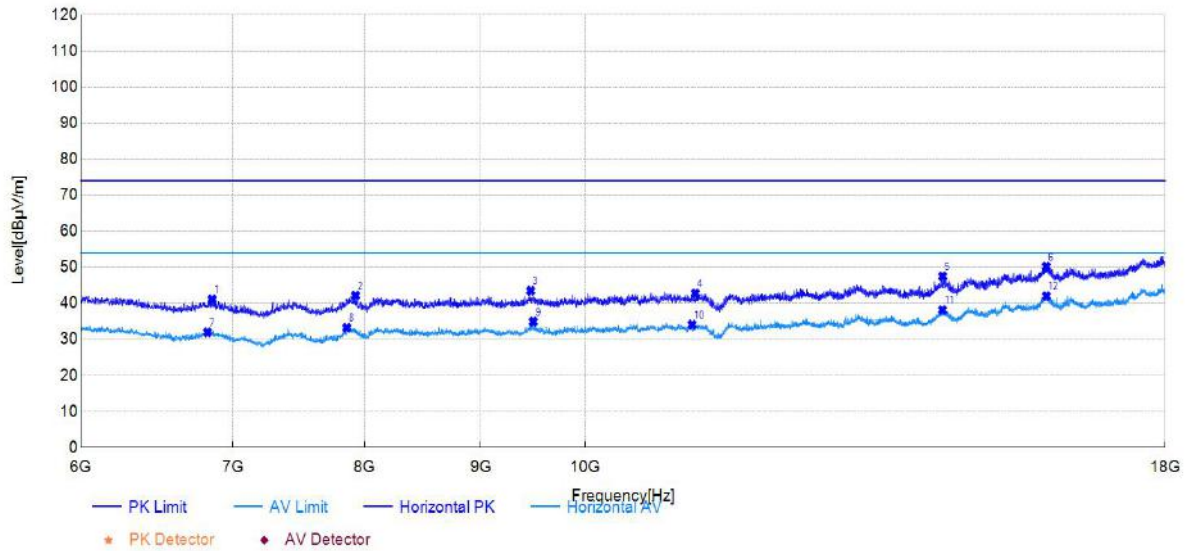
Suspected Data List

NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	6861.00	45.65	41.14	-4.51	74.00	32.86	150	41	PK	Vertical	PASS
2	8190.00	43.92	42.50	-1.42	74.00	31.50	150	60	PK	Vertical	PASS
3	9456.00	44.19	43.90	-0.29	74.00	30.10	150	98	PK	Vertical	PASS
4	10863.00	44.25	45.22	0.97	74.00	28.78	100	111	PK	Vertical	PASS
5	13239.00	43.38	46.02	2.64	74.00	27.98	100	104	PK	Vertical	PASS
6	15991.50	41.19	50.47	9.28	74.00	23.53	100	99	PK	Vertical	PASS
7	6819.00	37.34	32.64	-4.70	54.00	21.36	100	138	AV	Vertical	PASS
8	8185.50	35.97	34.58	-1.39	54.00	19.42	150	0	AV	Vertical	PASS
9	9459.00	35.36	35.09	-0.27	54.00	18.91	100	255	AV	Vertical	PASS
10	11016.00	34.00	35.32	1.32	54.00	18.68	100	347	AV	Vertical	PASS
11	13183.50	34.52	37.40	2.88	54.00	16.60	150	360	AV	Vertical	PASS
12	15925.50	33.25	42.54	9.29	54.00	11.46	150	226	AV	Vertical	PASS

Note: (1) Level=Reading+Factor

(2) Margin=Limit-Level

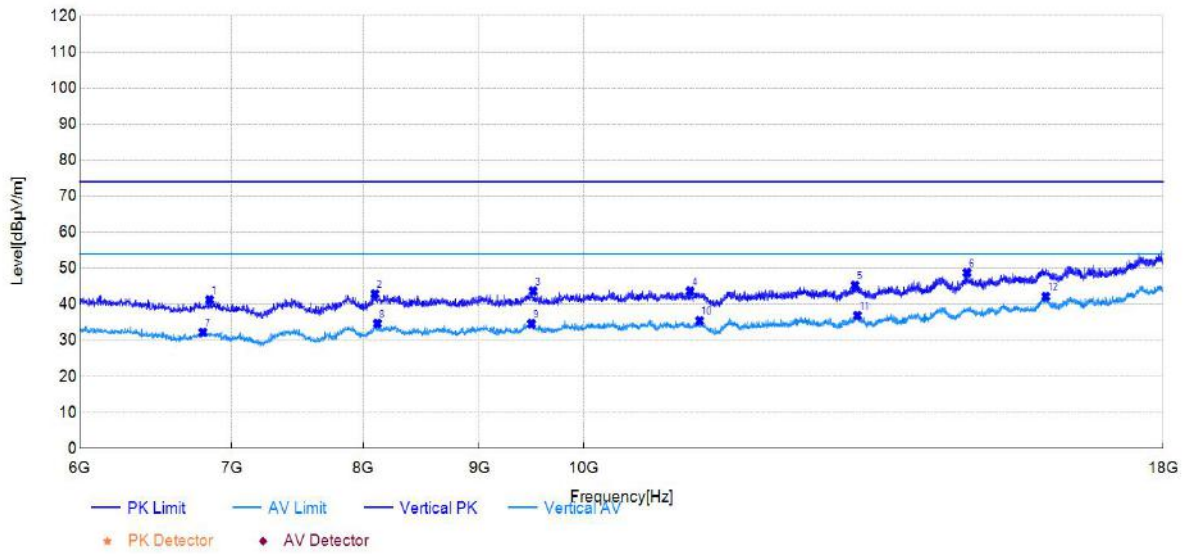
Test Mode:	802.11b	Test Date:	2025-08-02
Test Channel:	06	Test Engineer:	Stone Zhang



Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	6855.00	45.70	41.08	-4.62	74.00	32.92	100	183	PK	Horizontal	PASS
2	7926.00	43.25	42.15	-1.10	74.00	31.85	100	306	PK	Horizontal	PASS
3	9465.00	43.72	43.49	-0.23	74.00	30.51	100	132	PK	Horizontal	PASS
4	11182.50	42.05	42.79	0.74	74.00	31.21	150	340	PK	Horizontal	PASS
5	14362.50	42.50	47.51	5.01	74.00	26.49	100	0	PK	Horizontal	PASS
6	15955.50	40.40	50.18	9.78	74.00	23.82	150	257	PK	Horizontal	PASS
7	6822.00	36.75	31.95	-4.80	54.00	22.05	150	219	AV	Horizontal	PASS
8	7857.00	35.11	33.24	-1.87	54.00	20.76	150	140	AV	Horizontal	PASS
9	9489.00	34.94	34.91	-0.03	54.00	19.09	150	43	AV	Horizontal	PASS
10	11146.50	33.40	34.10	0.70	54.00	19.90	100	183	AV	Horizontal	PASS
11	14361.00	33.15	38.15	5.00	54.00	15.85	150	149	AV	Horizontal	PASS
12	15957.00	32.23	42.01	9.78	54.00	11.99	100	318	AV	Horizontal	PASS

Note:(1) Level=Reading+Factor

(2) Margin=Limit-Level



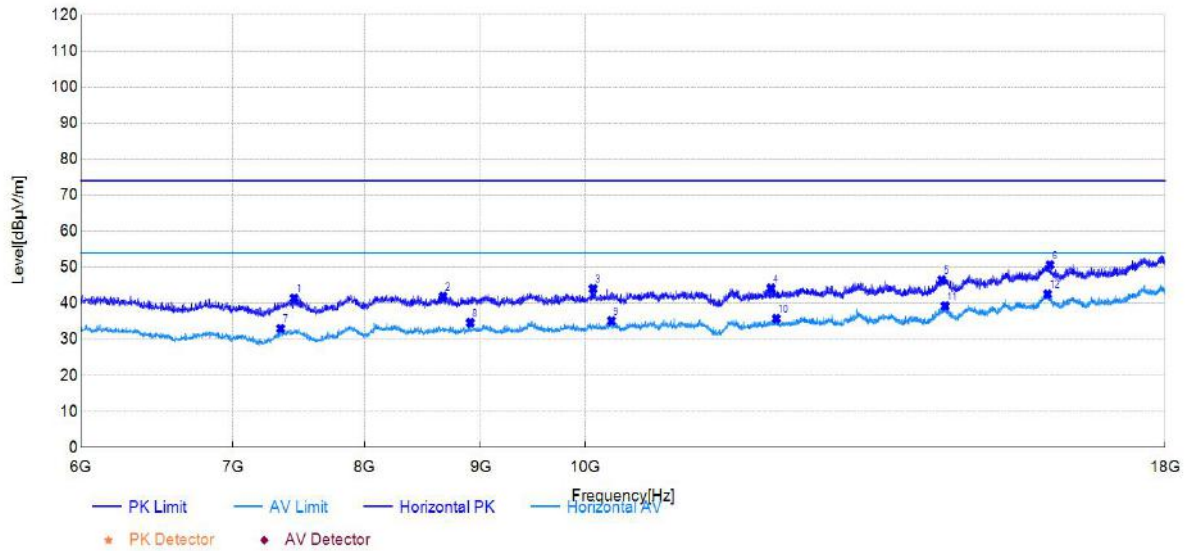
Suspected Data List

NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	6844.50	45.81	41.23	-4.58	74.00	32.77	150	0	PK	Vertical	PASS
2	8095.50	43.94	42.90	-1.04	74.00	31.10	100	140	PK	Vertical	PASS
3	9501.00	43.60	43.65	0.05	74.00	30.35	100	331	PK	Vertical	PASS
4	11142.00	42.74	43.63	0.89	74.00	30.37	100	226	PK	Vertical	PASS
5	13168.50	42.42	45.23	2.81	74.00	28.77	100	280	PK	Vertical	PASS
6	14749.50	43.14	48.76	5.62	74.00	25.24	100	53	PK	Vertical	PASS
7	6799.50	37.01	32.22	-4.79	54.00	21.78	100	207	AV	Vertical	PASS
8	8115.00	35.76	34.68	-1.08	54.00	19.32	100	331	AV	Vertical	PASS
9	9486.00	34.67	34.61	-0.06	54.00	19.39	100	233	AV	Vertical	PASS
10	11250.00	34.37	35.43	1.06	54.00	18.57	100	237	AV	Vertical	PASS
11	13198.50	33.90	36.86	2.96	54.00	17.14	100	360	AV	Vertical	PASS
12	15976.50	32.88	42.16	9.28	54.00	11.84	100	89	AV	Vertical	PASS

Note: (1) Level=Reading+Factor

(2) Margin=Limit-Level

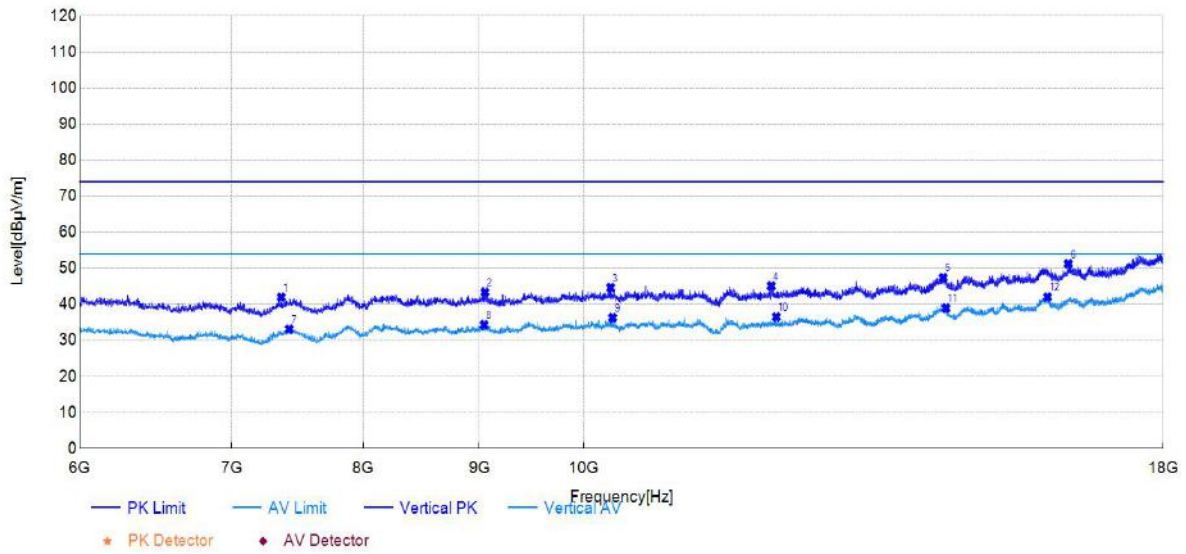
Test Mode:	802.11b	Test Date:	2025-08-02
Test Channel:	11	Test Engineer:	Stone Zhang



Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	7449.00	44.25	41.38	-2.87	74.00	32.62	150	141	PK	Horizontal	PASS
2	8661.00	43.09	41.91	-1.18	74.00	32.09	150	187	PK	Horizontal	PASS
3	10083.00	44.08	44.03	-0.05	74.00	29.97	150	27	PK	Horizontal	PASS
4	12073.50	42.66	44.16	1.50	74.00	29.84	100	272	PK	Horizontal	PASS
5	14350.50	41.53	46.49	4.96	74.00	27.51	100	348	PK	Horizontal	PASS
6	16012.50	41.05	50.63	9.58	74.00	23.37	150	322	PK	Horizontal	PASS
7	7347.00	36.12	33.00	-3.12	54.00	21.00	100	144	AV	Horizontal	PASS
8	8902.50	35.79	34.61	-1.18	54.00	19.39	150	294	AV	Horizontal	PASS
9	10272.00	35.08	35.10	0.02	54.00	18.90	100	186	AV	Horizontal	PASS
10	12138.00	34.14	35.73	1.59	54.00	18.27	150	70	AV	Horizontal	PASS
11	14403.00	34.09	39.24	5.15	54.00	14.76	150	360	AV	Horizontal	PASS
12	15975.00	32.78	42.56	9.78	54.00	11.44	150	359	AV	Horizontal	PASS

Note:(1) Level=Reading+Factor

(2) Margin=Limit-Level



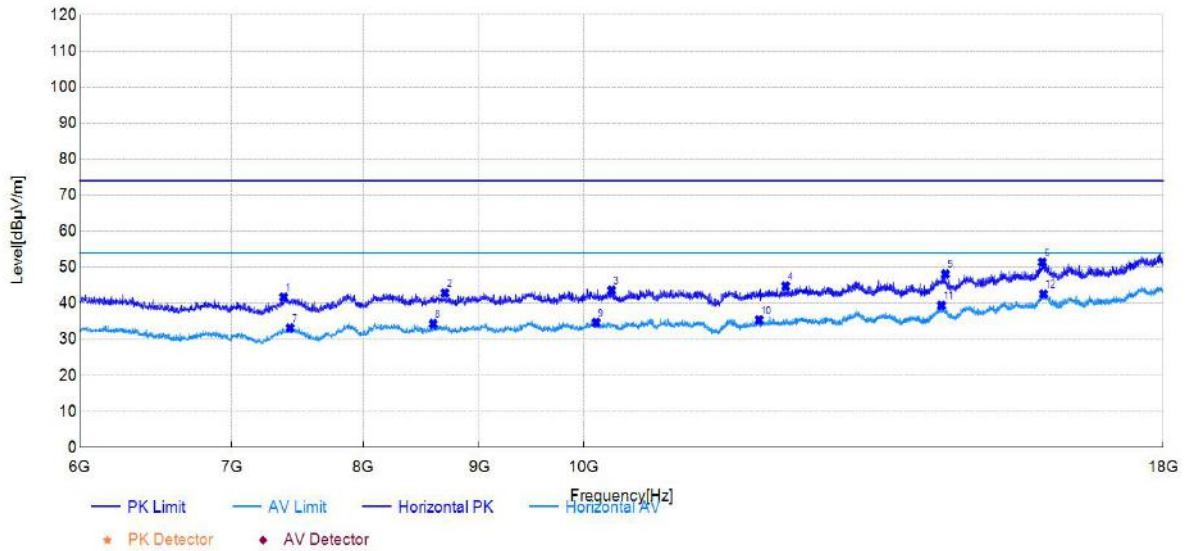
Suspected Data List

NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	7360.50	44.98	41.96	-3.02	74.00	32.04	100	239	PK	Vertical	PASS
2	9049.50	44.15	43.38	-0.77	74.00	30.62	100	286	PK	Vertical	PASS
3	10279.50	44.19	44.61	0.42	74.00	29.39	150	275	PK	Vertical	PASS
4	12097.50	43.56	45.07	1.51	74.00	28.93	100	243	PK	Vertical	PASS
5	14398.50	41.78	47.39	5.61	74.00	26.61	150	129	PK	Vertical	PASS
6	16347.00	41.72	51.22	9.50	74.00	22.78	100	11	PK	Vertical	PASS
7	7420.50	35.93	33.14	-2.79	54.00	20.86	100	349	AV	Vertical	PASS
8	9042.00	35.07	34.30	-0.77	54.00	19.70	100	353	AV	Vertical	PASS
9	10299.00	35.82	36.25	0.43	54.00	17.75	100	279	AV	Vertical	PASS
10	12157.50	34.81	36.49	1.68	54.00	17.51	150	149	AV	Vertical	PASS
11	14439.00	33.71	38.94	5.23	54.00	15.06	150	145	AV	Vertical	PASS
12	16003.50	32.80	42.03	9.23	54.00	11.97	150	153	AV	Vertical	PASS

Note: (1) Level=Reading+Factor

(2) Margin=Limit-Level

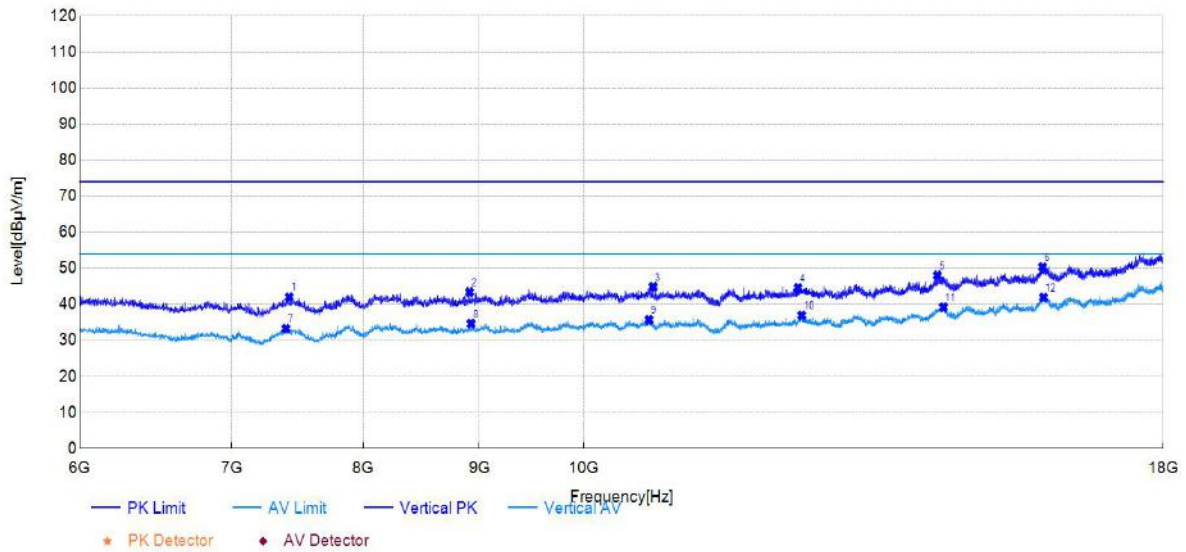
Test Mode:	802.11g	Test Date:	2025-08-02
Test Channel:	01	Test Engineer:	Stone Zhang



Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	7380.00	44.58	41.71	-2.87	74.00	32.29	150	304	PK	Horizontal	PASS
2	8688.00	44.02	42.88	-1.14	74.00	31.12	100	138	PK	Horizontal	PASS
3	10288.50	43.54	43.58	0.04	74.00	30.42	150	107	PK	Horizontal	PASS
4	12273.00	43.12	44.75	1.63	74.00	29.25	150	360	PK	Horizontal	PASS
5	14431.50	43.20	48.11	4.91	74.00	25.89	150	188	PK	Horizontal	PASS
6	15922.50	41.62	51.40	9.78	74.00	22.60	150	38	PK	Horizontal	PASS
7	7426.50	35.97	33.17	-2.80	54.00	20.83	100	207	AV	Horizontal	PASS
8	8586.00	35.63	34.30	-1.33	54.00	19.70	100	77	AV	Horizontal	PASS
9	10128.00	34.69	34.64	-0.05	54.00	19.36	150	84	AV	Horizontal	PASS
10	11947.50	34.10	35.39	1.29	54.00	18.61	150	296	AV	Horizontal	PASS
11	14371.50	34.36	39.41	5.05	54.00	14.59	100	97	AV	Horizontal	PASS
12	15940.50	32.80	42.58	9.78	54.00	11.42	150	80	AV	Horizontal	PASS

Note: (1) Level=Reading+Factor

(2) Margin=Limit-Level



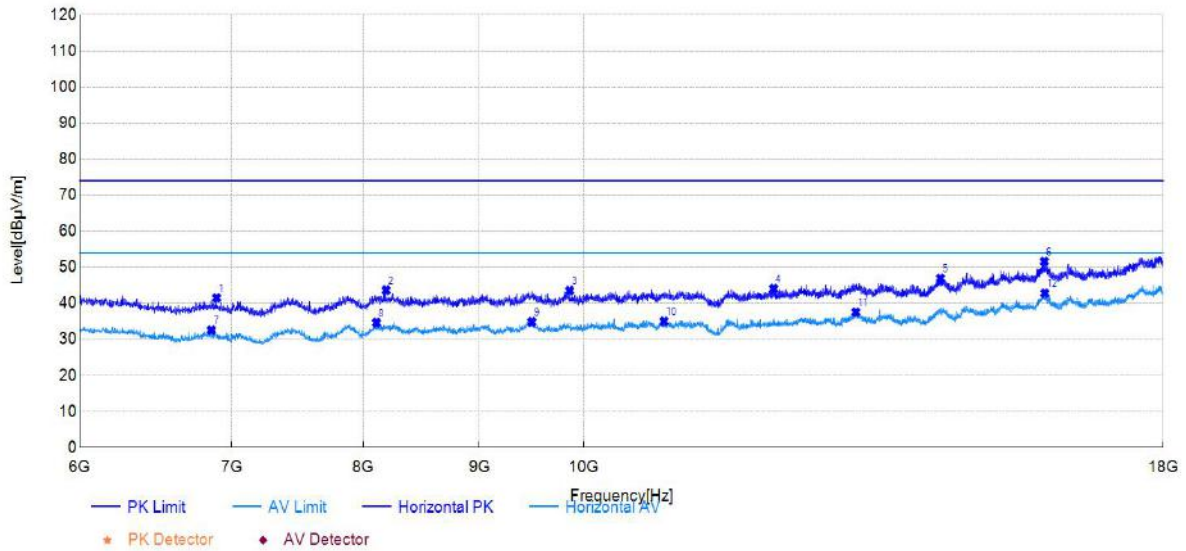
Suspected Data List

NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	7420.50	44.79	42.00	-2.79	74.00	32.00	100	183	PK	Vertical	PASS
2	8908.50	44.54	43.39	-1.15	74.00	30.61	150	250	PK	Vertical	PASS
3	10731.00	44.11	44.82	0.71	74.00	29.18	150	235	PK	Vertical	PASS
4	12430.50	42.11	44.54	2.43	74.00	29.46	100	41	PK	Vertical	PASS
5	14314.50	42.65	48.01	5.36	74.00	25.99	150	158	PK	Vertical	PASS
6	15927.00	41.05	50.34	9.29	74.00	23.66	100	268	PK	Vertical	PASS
7	7396.50	36.04	33.28	-2.76	54.00	20.72	100	358	AV	Vertical	PASS
8	8922.00	35.75	34.65	-1.10	54.00	19.35	100	57	AV	Vertical	PASS
9	10686.00	34.95	35.68	0.73	54.00	18.32	100	233	AV	Vertical	PASS
10	12475.50	34.43	36.94	2.51	54.00	17.06	100	152	AV	Vertical	PASS
11	14403.00	33.62	39.20	5.58	54.00	14.80	100	245	AV	Vertical	PASS
12	15942.00	32.64	41.93	9.29	54.00	12.07	150	177	AV	Vertical	PASS

Note: (1) Level=Reading+Factor

(2) Margin=Limit-Level

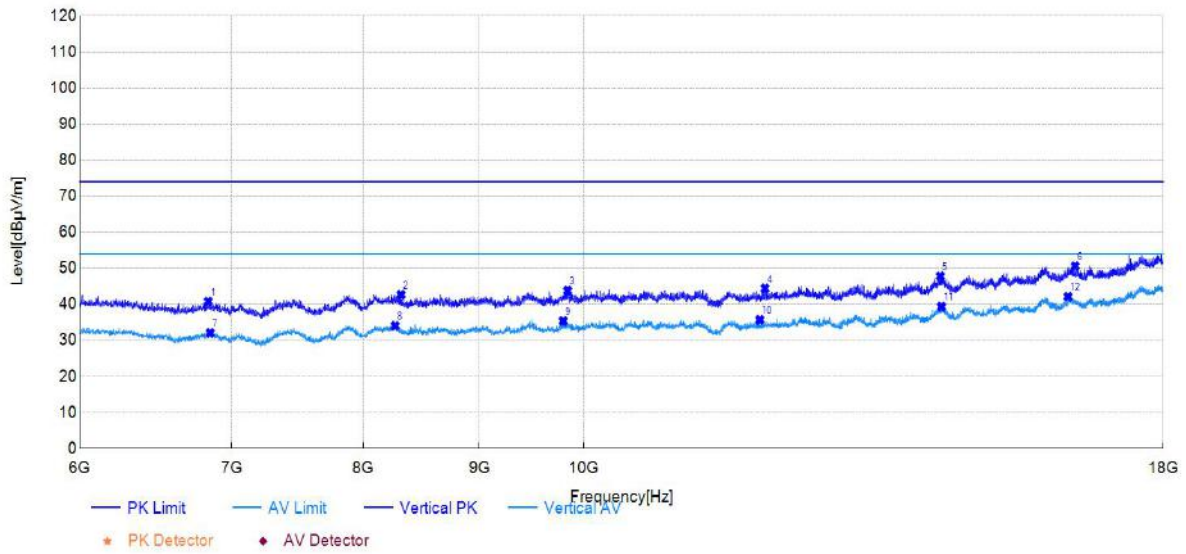
Test Mode:	802.11g	Test Date:	2025-08-02
Test Channel:	06	Test Engineer:	Stone Zhang



Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	6894.00	45.91	41.49	-4.42	74.00	32.51	150	146	PK	Horizontal	PASS
2	8187.00	45.02	43.62	-1.40	74.00	30.38	150	22	PK	Horizontal	PASS
3	9859.50	43.86	43.51	-0.35	74.00	30.49	150	208	PK	Horizontal	PASS
4	12126.00	42.48	44.04	1.56	74.00	29.96	150	134	PK	Horizontal	PASS
5	14356.50	41.93	46.92	4.99	74.00	27.08	150	205	PK	Horizontal	PASS
6	15954.00	41.85	51.63	9.78	74.00	22.37	150	73	PK	Horizontal	PASS
7	6858.00	37.18	32.57	-4.61	54.00	21.43	150	280	AV	Horizontal	PASS
8	8107.50	35.69	34.64	-1.05	54.00	19.36	150	290	AV	Horizontal	PASS
9	9489.00	34.86	34.83	-0.03	54.00	19.17	150	139	AV	Horizontal	PASS
10	10851.00	34.24	35.00	0.76	54.00	19.00	150	311	AV	Horizontal	PASS
11	13179.00	34.21	37.54	3.33	54.00	16.46	150	73	AV	Horizontal	PASS
12	15961.50	33.03	42.81	9.78	54.00	11.19	150	92	AV	Horizontal	PASS

Note: (1) Level=Reading+Factor

(2) Margin=Limit-Level



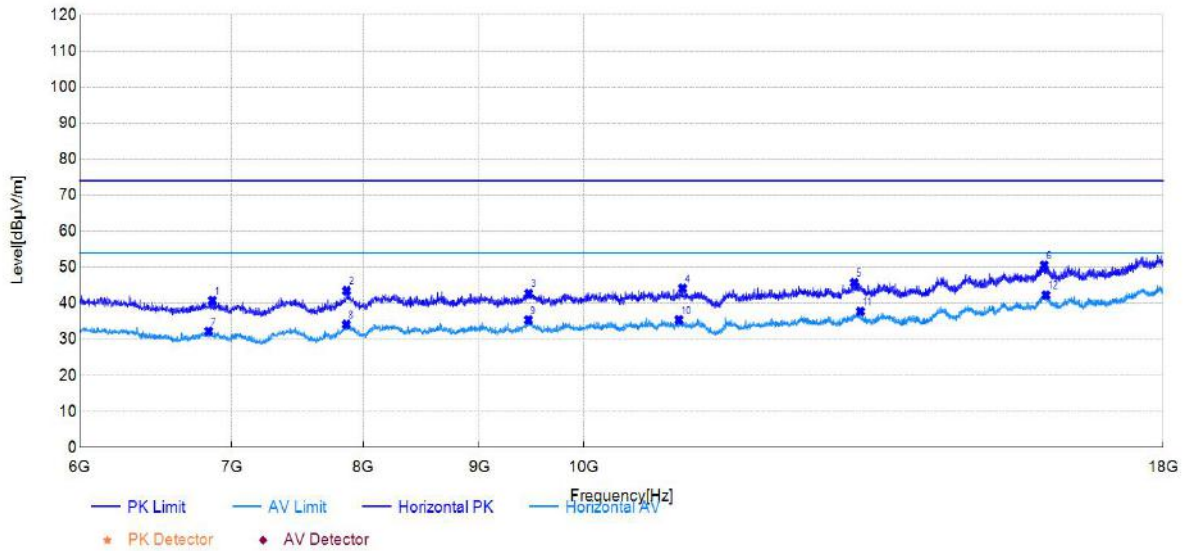
Suspected Data List

NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	6835.50	45.40	40.77	-4.63	74.00	33.23	150	303	PK	Vertical	PASS
2	8310.00	43.82	42.67	-1.15	74.00	31.33	150	144	PK	Vertical	PASS
3	9840.00	43.75	43.77	0.02	74.00	30.23	150	346	PK	Vertical	PASS
4	12019.50	42.87	44.39	1.52	74.00	29.61	150	326	PK	Vertical	PASS
5	14355.00	42.35	47.83	5.48	74.00	26.17	150	282	PK	Vertical	PASS
6	16458.00	41.10	50.59	9.49	74.00	23.41	150	122	PK	Vertical	PASS
7	6849.00	36.62	32.06	-4.56	54.00	21.94	150	98	AV	Vertical	PASS
8	8262.00	35.35	34.07	-1.28	54.00	19.93	150	227	AV	Vertical	PASS
9	9796.50	35.35	35.38	0.03	54.00	18.62	150	86	AV	Vertical	PASS
10	11956.50	34.32	35.69	1.37	54.00	18.31	150	200	AV	Vertical	PASS
11	14371.50	33.83	39.36	5.53	54.00	14.64	150	356	AV	Vertical	PASS
12	16341.00	32.66	42.13	9.47	54.00	11.87	150	110	AV	Vertical	PASS

Note:(1) Level=Reading+Factor

(2) Margin=Limit-Level

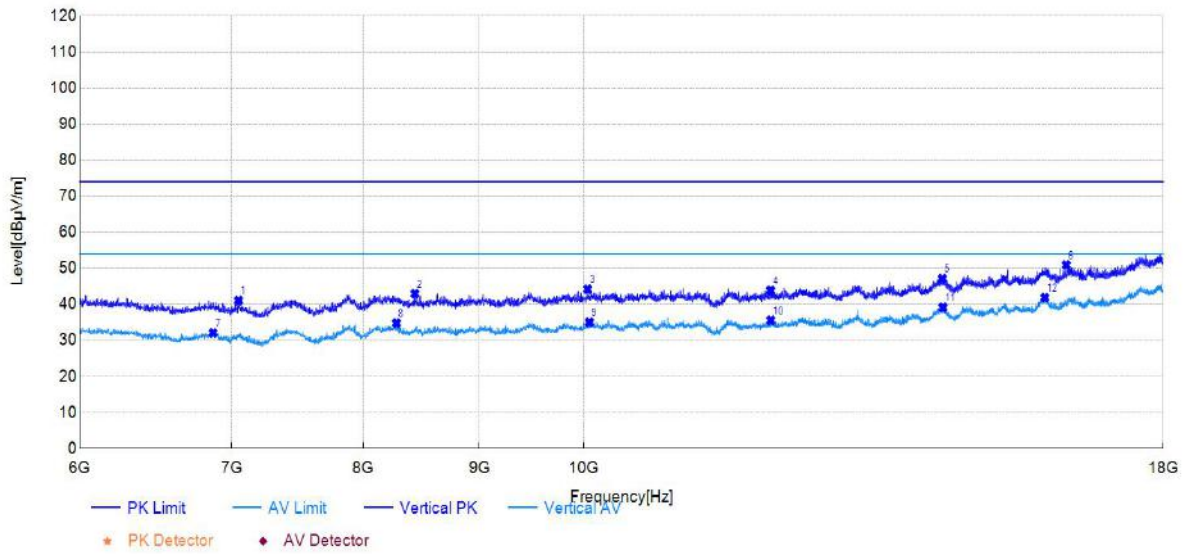
Test Mode:	802.11g	Test Date:	2025-08-02
Test Channel:	11	Test Engineer:	Stone Zhang



Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	6865.50	45.33	40.76	-4.57	74.00	33.24	150	180	PK	Horizontal	PASS
2	7866.00	45.15	43.47	-1.68	74.00	30.53	150	180	PK	Horizontal	PASS
3	9460.50	42.99	42.73	-0.26	74.00	31.27	150	59	PK	Horizontal	PASS
4	11056.50	43.22	44.16	0.94	74.00	29.84	150	289	PK	Horizontal	PASS
5	13158.00	42.47	45.68	3.21	74.00	28.32	150	47	PK	Horizontal	PASS
6	15952.50	40.77	50.55	9.78	74.00	23.45	150	149	PK	Horizontal	PASS
7	6838.50	36.95	32.24	-4.71	54.00	21.76	150	333	AV	Horizontal	PASS
8	7864.50	35.86	34.15	-1.71	54.00	19.85	150	192	AV	Horizontal	PASS
9	9457.50	35.66	35.38	-0.28	54.00	18.62	150	1	AV	Horizontal	PASS
10	11014.50	34.18	35.40	1.22	54.00	18.60	150	86	AV	Horizontal	PASS
11	13239.00	34.65	37.78	3.13	54.00	16.22	150	360	AV	Horizontal	PASS
12	15979.50	32.50	42.28	9.78	54.00	11.72	150	55	AV	Horizontal	PASS

Note:(1) Level=Reading+Factor

(2) Margin=Limit-Level

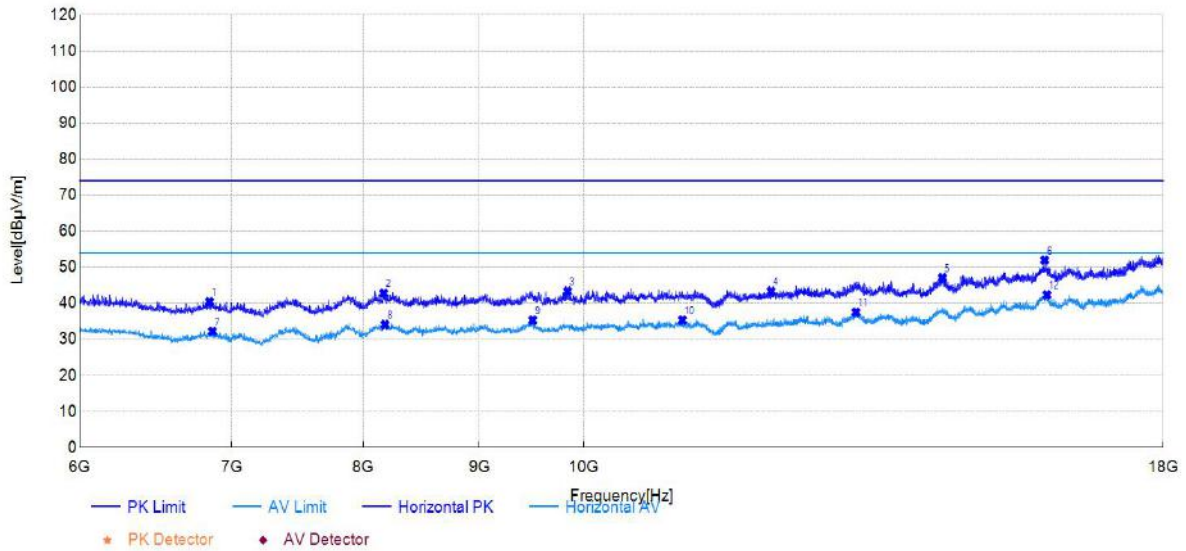


Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	7050.00	45.57	41.03	-4.54	74.00	32.97	150	269	PK	Vertical	PASS
2	8428.50	44.14	42.97	-1.17	74.00	31.03	150	276	PK	Vertical	PASS
3	10041.00	43.74	44.19	0.45	74.00	29.81	150	8	PK	Vertical	PASS
4	12090.00	42.34	43.85	1.51	74.00	30.15	150	223	PK	Vertical	PASS
5	14386.50	41.58	47.15	5.57	74.00	26.85	150	82	PK	Vertical	PASS
6	16309.50	41.57	50.91	9.34	74.00	23.09	150	360	PK	Vertical	PASS
7	6870.00	36.53	32.07	-4.46	54.00	21.93	150	125	AV	Vertical	PASS
8	8272.50	36.03	34.78	-1.25	54.00	19.22	150	160	AV	Vertical	PASS
9	10059.00	34.56	35.00	0.44	54.00	19.00	150	82	AV	Vertical	PASS
10	12091.50	34.06	35.57	1.51	54.00	18.43	150	360	AV	Vertical	PASS
11	14395.50	33.55	39.14	5.59	54.00	14.86	150	252	AV	Vertical	PASS
12	15961.50	32.56	41.85	9.29	54.00	12.15	150	59	AV	Vertical	PASS

Note: (1) Level=Reading+Factor

(2) Margin=Limit-Level

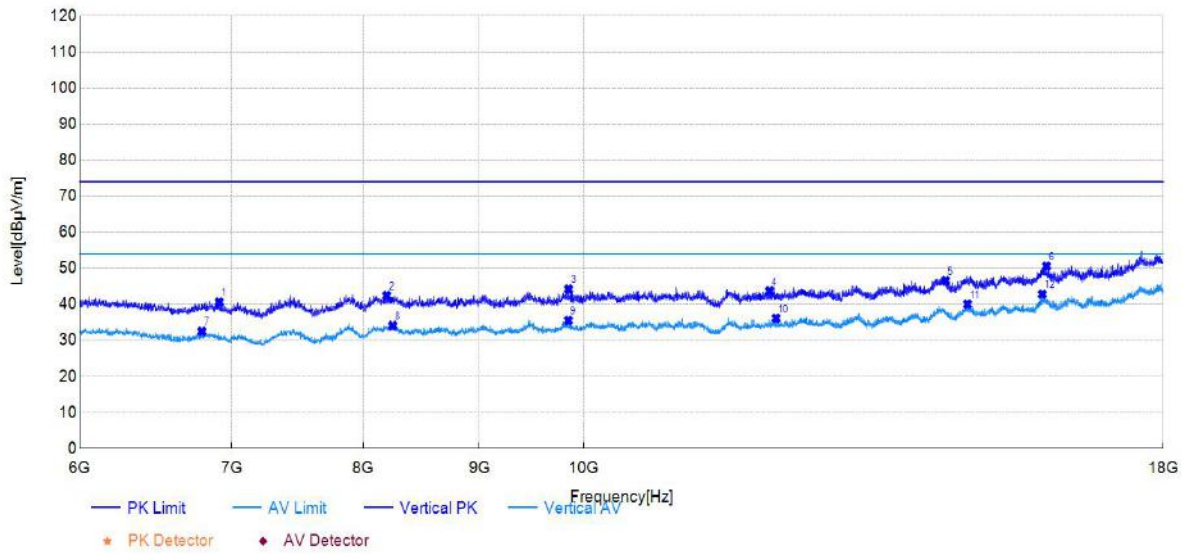
Test Mode:	802.11n-HT20	Test Date:	2025-08-02
Test Channel:	01	Test Engineer:	Stone Zhang



Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	6844.50	45.08	40.40	-4.68	74.00	33.60	150	285	PK	Horizontal	PASS
2	8167.50	44.11	42.80	-1.31	74.00	31.20	150	79	PK	Horizontal	PASS
3	9840.00	43.65	43.33	-0.32	74.00	30.67	150	207	PK	Horizontal	PASS
4	12096.00	41.87	43.36	1.49	74.00	30.64	150	55	PK	Horizontal	PASS
5	14388.00	41.99	47.11	5.12	74.00	26.89	150	282	PK	Horizontal	PASS
6	15958.50	42.18	51.96	9.78	74.00	22.04	150	39	PK	Horizontal	PASS
7	6865.50	36.78	32.21	-4.57	54.00	21.79	150	19	AV	Horizontal	PASS
8	8178.00	35.49	34.13	-1.36	54.00	19.87	150	302	AV	Horizontal	PASS
9	9498.00	35.27	35.30	0.03	54.00	18.70	150	235	AV	Horizontal	PASS
10	11055.00	34.37	35.33	0.96	54.00	18.67	150	24	AV	Horizontal	PASS
11	13180.50	34.17	37.50	3.33	54.00	16.50	150	270	AV	Horizontal	PASS
12	15994.50	32.57	42.35	9.78	54.00	11.65	150	180	AV	Horizontal	PASS

Note:(1) Level=Reading+Factor

(2) Margin=Limit-Level



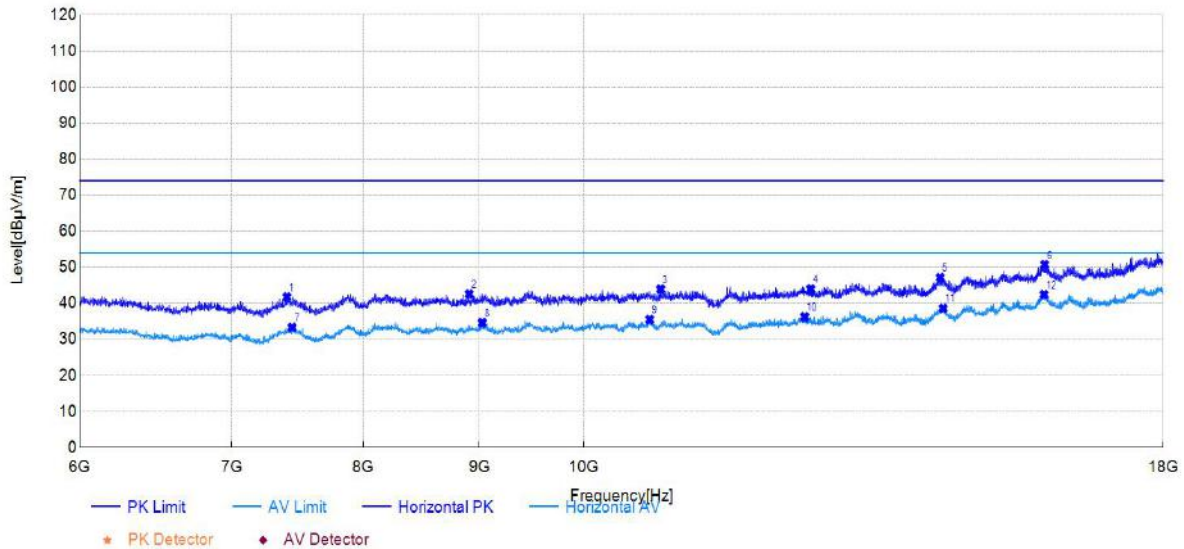
Suspected Data List

NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	6912.00	44.99	40.60	-4.39	74.00	33.40	150	184	PK	Vertical	PASS
2	8191.50	43.87	42.45	-1.42	74.00	31.55	150	85	PK	Vertical	PASS
3	9849.00	44.18	44.20	0.02	74.00	29.80	150	95	PK	Vertical	PASS
4	12076.50	42.17	43.69	1.52	74.00	30.31	150	57	PK	Vertical	PASS
5	14433.00	41.28	46.57	5.29	74.00	27.43	150	92	PK	Vertical	PASS
6	15988.50	41.29	50.57	9.28	74.00	23.43	150	0	PK	Vertical	PASS
7	6792.00	37.36	32.50	-4.86	54.00	21.50	150	278	AV	Vertical	PASS
8	8241.00	35.45	34.11	-1.34	54.00	19.89	150	34	AV	Vertical	PASS
9	9847.50	35.48	35.50	0.02	54.00	18.50	150	266	AV	Vertical	PASS
10	12154.50	34.44	36.11	1.67	54.00	17.89	150	215	AV	Vertical	PASS
11	14755.50	34.41	40.02	5.61	54.00	13.98	150	351	AV	Vertical	PASS
12	15922.50	33.51	42.80	9.29	54.00	11.20	150	10	AV	Vertical	PASS

Note:(1) Level=Reading+Factor

(2) Margin=Limit-Level

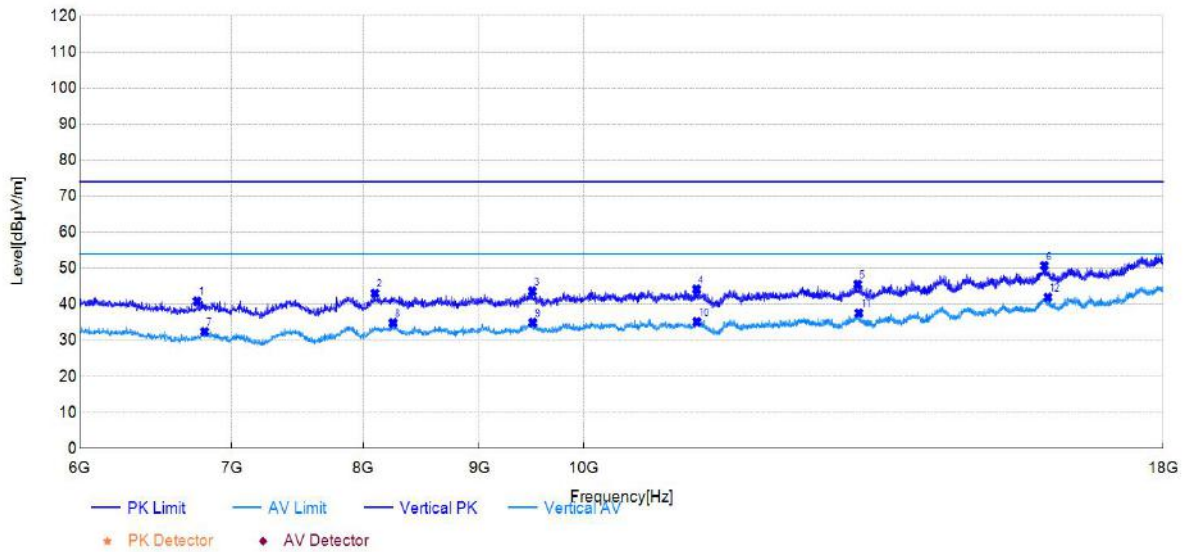
Test Mode:	802.11n-HT20	Test Date:	2025-08-02
Test Channel:	06	Test Engineer:	Stone Zhang



Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	7404.00	44.49	41.75	-2.74	74.00	32.25	150	329	PK	Horizontal	PASS
2	8905.50	43.74	42.57	-1.17	74.00	31.43	150	200	PK	Horizontal	PASS
3	10812.00	43.32	43.92	0.60	74.00	30.08	150	151	PK	Horizontal	PASS
4	12589.50	41.69	43.96	2.27	74.00	30.04	150	265	PK	Horizontal	PASS
5	14353.50	42.18	47.15	4.97	74.00	26.85	150	1	PK	Horizontal	PASS
6	15958.50	40.95	50.73	9.78	74.00	23.27	150	166	PK	Horizontal	PASS
7	7443.00	36.18	33.33	-2.85	54.00	20.67	150	70	AV	Horizontal	PASS
8	9024.00	35.38	34.60	-0.78	54.00	19.40	150	244	AV	Horizontal	PASS
9	10693.50	35.01	35.50	0.49	54.00	18.50	150	341	AV	Horizontal	PASS
10	12513.00	33.82	36.24	2.42	54.00	17.76	150	204	AV	Horizontal	PASS
11	14398.50	33.45	38.62	5.17	54.00	15.38	150	321	AV	Horizontal	PASS
12	15949.50	32.65	42.43	9.78	54.00	11.57	150	326	AV	Horizontal	PASS

Note: (1) Level=Reading+Factor

(2) Margin=Limit-Level

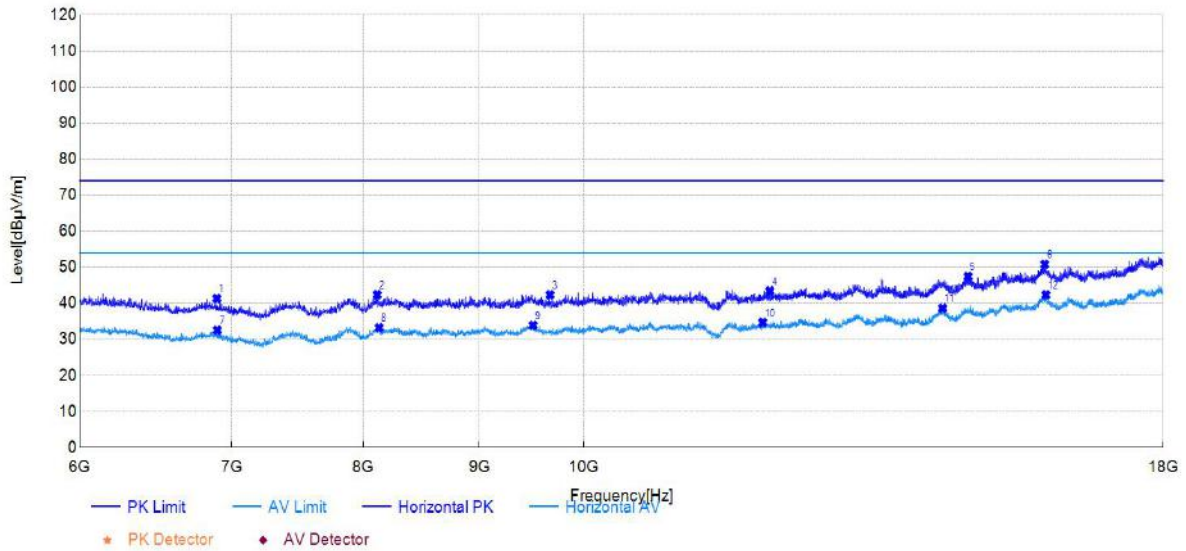


Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	6759.00	45.97	40.85	-5.12	74.00	33.15	150	150	PK	Vertical	PASS
2	8095.50	44.12	43.08	-1.04	74.00	30.92	150	203	PK	Vertical	PASS
3	9493.50	43.61	43.61	0.00	74.00	30.39	150	46	PK	Vertical	PASS
4	11212.50	43.17	44.17	1.00	74.00	29.83	150	109	PK	Vertical	PASS
5	13203.00	42.58	45.52	2.94	74.00	28.48	150	360	PK	Vertical	PASS
6	15954.00	41.42	50.71	9.29	74.00	23.29	150	30	PK	Vertical	PASS
7	6811.50	37.16	32.42	-4.74	54.00	21.58	150	301	AV	Vertical	PASS
8	8244.00	36.17	34.83	-1.34	54.00	19.17	150	305	AV	Vertical	PASS
9	9498.00	34.90	34.93	0.03	54.00	19.07	150	260	AV	Vertical	PASS
10	11217.00	34.12	35.13	1.01	54.00	18.87	150	61	AV	Vertical	PASS
11	13218.00	34.75	37.57	2.82	54.00	16.43	150	267	AV	Vertical	PASS
12	16009.50	32.80	41.95	9.15	54.00	12.05	150	359	AV	Vertical	PASS

Note:(1) Level=Reading+Factor

(2) Margin=Limit-Level

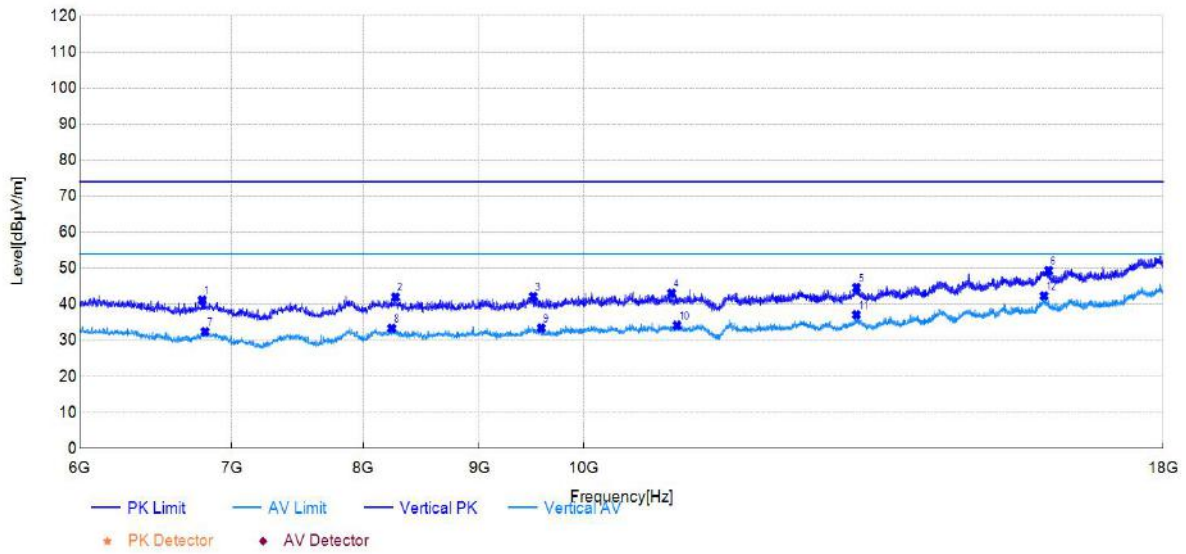
Test Mode:	802.11n-HT20	Test Date:	2025-08-02
Test Channel:	11	Test Engineer:	Stone Zhang



Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	6895.50	45.73	41.31	-4.42	74.00	32.69	150	256	PK	Horizontal	PASS
2	8113.50	43.45	42.37	-1.08	74.00	31.63	150	54	PK	Horizontal	PASS
3	9666.00	43.21	42.34	-0.87	74.00	31.66	150	259	PK	Horizontal	PASS
4	12079.50	41.94	43.44	1.50	74.00	30.56	150	65	PK	Horizontal	PASS
5	14764.50	42.03	47.45	5.42	74.00	26.55	150	315	PK	Horizontal	PASS
6	15960.00	41.02	50.80	9.78	74.00	23.20	150	183	PK	Horizontal	PASS
7	6898.50	36.96	32.56	-4.40	54.00	21.44	150	0	AV	Horizontal	PASS
8	8128.50	34.39	33.25	-1.14	54.00	20.75	150	275	AV	Horizontal	PASS
9	9501.00	33.87	33.92	0.05	54.00	20.08	150	300	AV	Horizontal	PASS
10	11992.50	33.18	34.68	1.50	54.00	19.32	150	247	AV	Horizontal	PASS
11	14391.00	33.52	38.65	5.13	54.00	15.35	150	356	AV	Horizontal	PASS
12	15978.00	32.57	42.35	9.78	54.00	11.65	150	99	AV	Horizontal	PASS

Note: (1) Level=Reading+Factor

(2) Margin=Limit-Level



Suspected Data List

NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	6795.00	45.95	41.12	-4.83	74.00	32.88	150	311	PK	Vertical	PASS
2	8265.00	43.28	42.01	-1.27	74.00	31.99	150	172	PK	Vertical	PASS
3	9502.50	42.13	42.17	0.04	74.00	31.83	150	80	PK	Vertical	PASS
4	10935.00	41.89	43.10	1.21	74.00	30.90	150	41	PK	Vertical	PASS
5	13186.50	41.69	44.58	2.89	74.00	29.42	150	359	PK	Vertical	PASS
6	16021.50	40.38	49.35	8.97	74.00	24.65	150	273	PK	Vertical	PASS
7	6814.50	37.12	32.40	-4.72	54.00	21.60	150	204	AV	Vertical	PASS
8	8233.50	34.72	33.35	-1.37	54.00	20.65	150	3	AV	Vertical	PASS
9	9580.50	33.50	33.42	-0.08	54.00	20.58	150	0	AV	Vertical	PASS
10	10993.50	32.80	34.19	1.39	54.00	19.81	150	118	AV	Vertical	PASS
11	13185.00	34.21	37.10	2.89	54.00	16.90	150	92	AV	Vertical	PASS
12	15949.50	33.05	42.34	9.29	54.00	11.66	150	76	AV	Vertical	PASS

Note:(1) Level=Reading+Factor

(2) Margin=Limit-Level

7.7. Radiated Restricted Band Edge Measurement

7.7.1. Test Limit

For 15.205 requirement:

Radiated emissions which fall in the restricted bands, as defined in Section 15.205(a) of FCC part 15, must also comply with the radiated emission limits specified in Section 15.209(a).

Frequency (MHz)	Frequency (MHz)	Frequency (MHz)	Frequency (GHz)
0.090 - 0.110	16.42 - 16.423	399.9 - 410	4.5 - 5.15
¹ 0.495 - 0.505	16.69475 - 16.69525	608 - 614	5.35 - 5.46
2.1735 - 2.1905	16.80425 - 16.80475	960 - 1240	7.25 - 7.75
4.125 - 4.128	25.5 - 25.67	1300 - 1427	8.25 - 8.5
4.17725 - 4.17775	37.5 - 38.25	1435 - 1626.5	9.0 - 9.2
4.20725 - 4.20775	73 - 74.6	1645.5 - 1646.5	9.3 - 9.5
6.215 - 6.218	74.8 - 75.2	1660 - 1710	10.6 - 12.7
6.26775 - 6.26825	108 - 121.94	1718.8 - 1722.2	13.25 - 13.4
6.31175 - 6.31225	123 - 138	2200 - 2300	14.47 - 14.5
8.291 - 8.294	149.9 - 150.05	2310 - 2390	15.35 - 16.2
8.362 - 8.366	156.52475 - 156.525	2483.5 - 2500	17.7 - 21.4
8.37625 - 8.38675	156.7 - 156.9	2690 - 2900	22.01 - 23.12
8.41425 - 8.41475	162.0125 - 167.17	3260 - 3267	23.6 - 24.0
12.29 - 12.293	167.72 - 173.2	3332 - 3339	31.2 - 31.8
12.51975 - 12.52025	240 - 285	3345.8 - 3358	36.43 - 36.5
12.57675 - 12.57725	322 - 335.4	3600 - 4400	(²)
13.36 - 13.41	--	--	--

¹ Until February 1, 1999, this restricted band shall be 0.490-0.510MHz.

² Above 38.6

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

FCC Part 15 Subpart C Paragraph 15.209		
Frequency [MHz]	Field Strength [uV/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

For RSS-Gen Section 8.10 requirement:

Radiated emissions which fall in the restricted bands, as defined in Section 8.10 of RSS-Gen, must also comply with the radiated emission limits specified in Section 8.9.

Frequency (MHz)	Frequency (MHz)	Frequency (GHz)
0.009 - 0.110	240 - 285	9.0 - 9.2
2.1735 - 2.1905	322 - 335.4	9.3 - 9.5
3.020 - 3.026	399.9 - 410	10.6 - 12.7
4.125 - 4.128	608 - 614	13.25 - 13.4
4.17725 - 4.17775	960 - 1427	14.47 - 14.5
4.20725 - 4.20775	1435 - 1626.5	15.35 - 16.2
5.677 - 5.683	1645.5 - 1646.5	17.7 - 21.4
6.215 - 6.218	1660 - 1710	22.01 - 23.12
6.26775 - 6.26825	1718.8 -1722.2	23.6 - 24.0
6.31175 - 6.31225	2200 - 2300	31.2 - 31.8
8.291 - 8.294	2310 -2390	36.43 - 36.5
8.362 - 8.366	2655 - 2900	Above 38.6
8.37625 - 8.38675	3260 - 3267	--
8.41425 - 8.41475	3332 -3339	
12.29 - 12.293	334.5 - 3358	
12.51975 - 12.52025	3500 - 4400	
12.57675 - 12.57725	4500 - 5150	
13.36 -13.41	5350 - 5460	
16.42 - 16.423	7250 - 7750	
16.69475 - 16.69525	8025 - 8500	
16.80425 - 16.80475	--	
25.5 - 25.67		
37.5 - 38.25		
73 - 74.6		
74.8 - 75.2		
108 - 138		
156.52475 - 156.525225		
156.7 - 156.9		

All out of band emissions appearing in a restricted band as specified in Section 8.10 of the RSS-Gen

must not exceed the limits shown in Table per Section 8.9.

RSS-Gen Section 8.9		
Frequency [MHz]	Field Strength [uV/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 Section 6.3 (General Requirements)

ANSI C63.10 Section 6.6 (Standard test method above 1GHz)

7.7.3. Test Setting

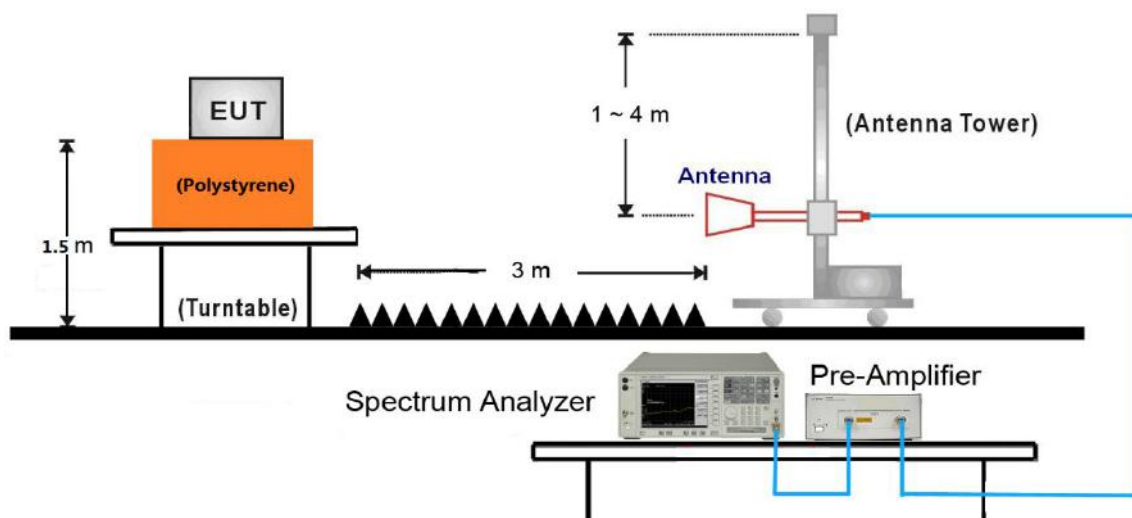
Peak Field Strength Measurements

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

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 = 3MHz
4. Detector = Power Average (RMS)
5. Number of sweep point = 2001 (Number of sweep points must be $\geq 2 \times \text{span} / \text{RBW}$)
6. Sweep time = auto
7. Trace (RMS) averaging was performed over at least 100 traces.

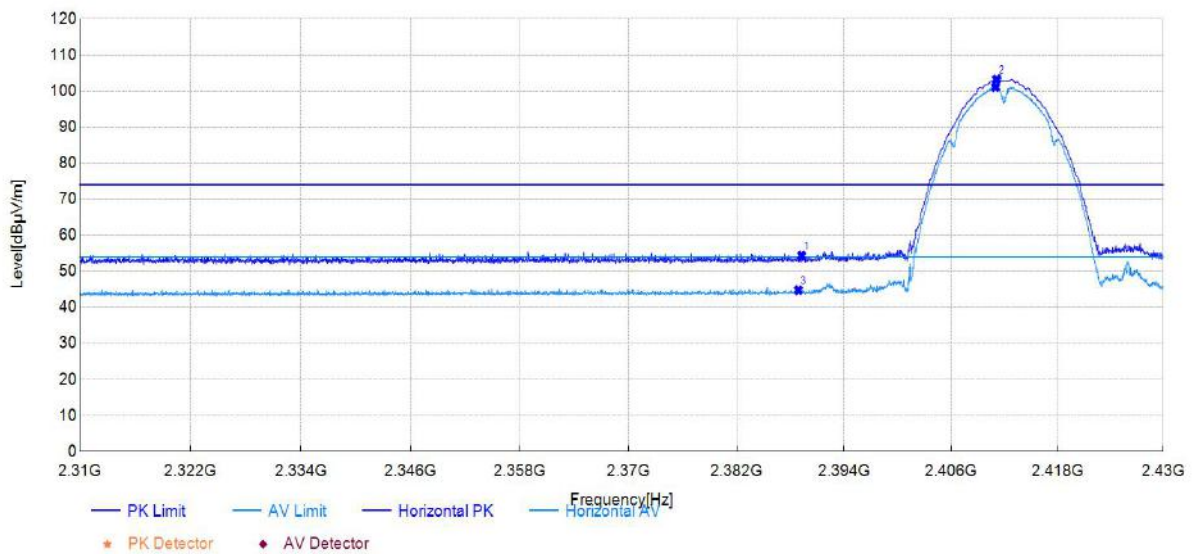
7.7.4. Test Setup



Note: This item was performed with the WIFI antenna connected.

7.7.5. Test Result

Project Information			
EUT:	IVI Assy	Model:	Q000
Test Date:	2025-08-03	Voltage:	DC 13.2V
Environment:	Temp: 23.8°C; Humi:36%	Engineer:	Stone Zhang
Remark:	Transmit by 802.11b at Channel 2412MHz		

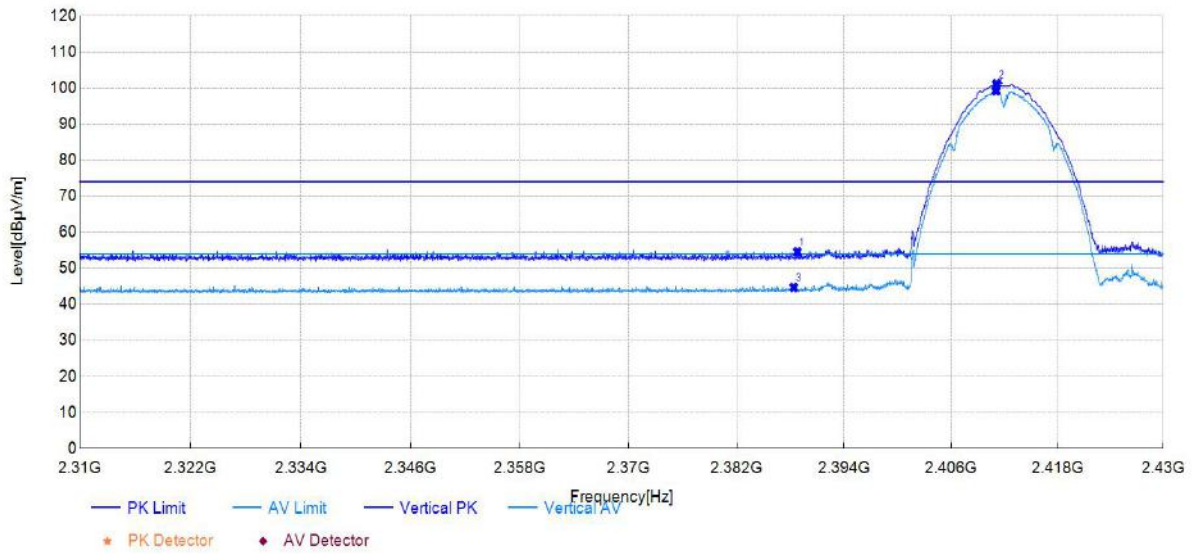


Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2389.28	18.87	54.35	35.48	74.00	19.65	150	73	PK	Horizontal	PASS
2	2411.13	67.67	103.24	35.57	/	/	150	139	PK	Horizontal	PASS
3	2388.92	9.27	44.75	35.48	54.00	9.25	150	36	AV	Horizontal	PASS
4	2411.01	65.55	101.12	35.57	/	/	150	139	AV	Horizontal	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level



Suspected Data List

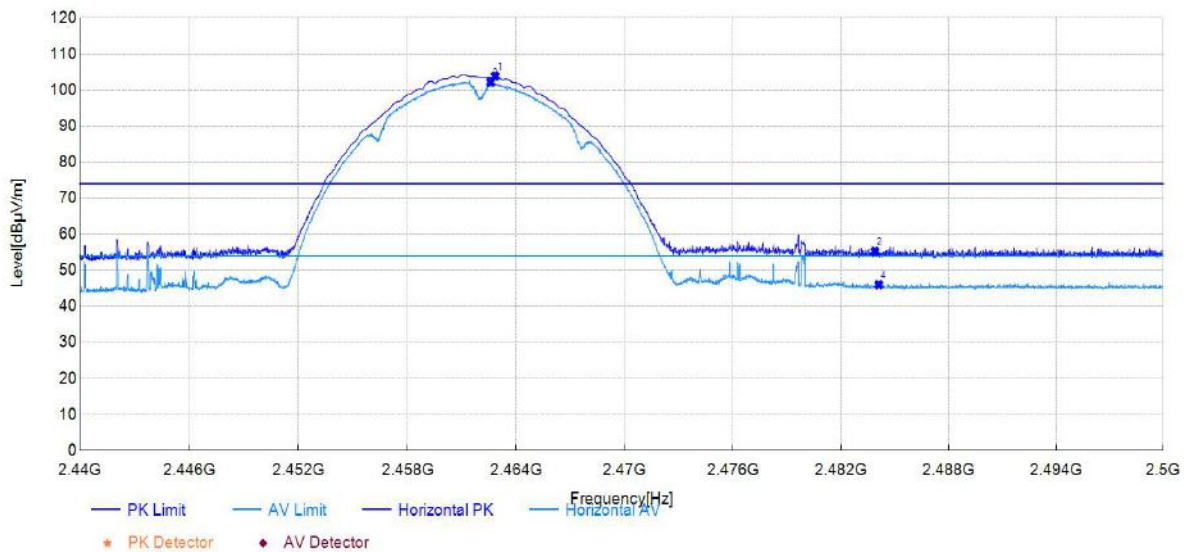
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2388.80	19.21	54.55	35.34	74.00	19.45	150	319	PK	Vertical	PASS
2	2411.13	65.78	101.17	35.39	/	/	150	160	PK	Vertical	PASS
3	2388.38	9.34	44.68	35.34	54.00	9.32	150	258	AV	Vertical	PASS
4	2411.07	63.82	99.21	35.39	/	/	150	160	AV	Vertical	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level

Project Information			
EUT:	IVI Assy	Model:	Q000
Test Date:	2025-08-03	Voltage:	DC 13.2V
Environment:	Temp: 23.8°C; Humi:36%	Engineer:	Stone Zhang
Remark:	Transmit by 802.11b at Channel 2462MHz		

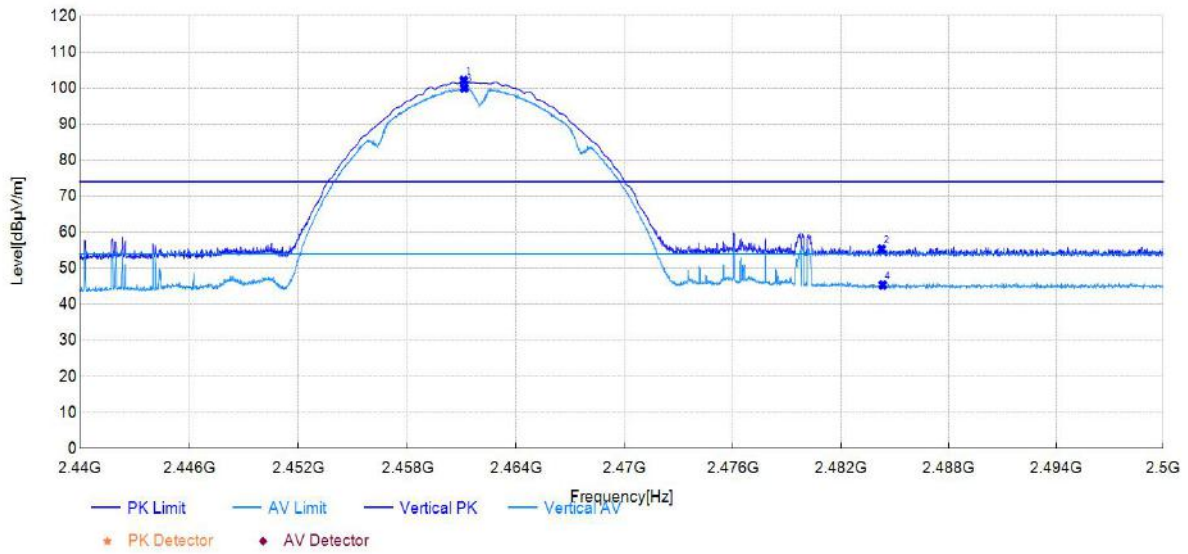


Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2462.84	67.76	103.85	36.09	/	/	150	141	PK	Horizontal	PASS
2	2483.89	18.95	55.25	36.30	74.00	18.75	150	84	PK	Horizontal	PASS
3	2462.58	66.11	102.20	36.09	/	/	150	141	AV	Horizontal	PASS
4	2484.10	9.66	45.96	36.30	54.00	8.04	150	168	AV	Horizontal	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level



Suspected Data List

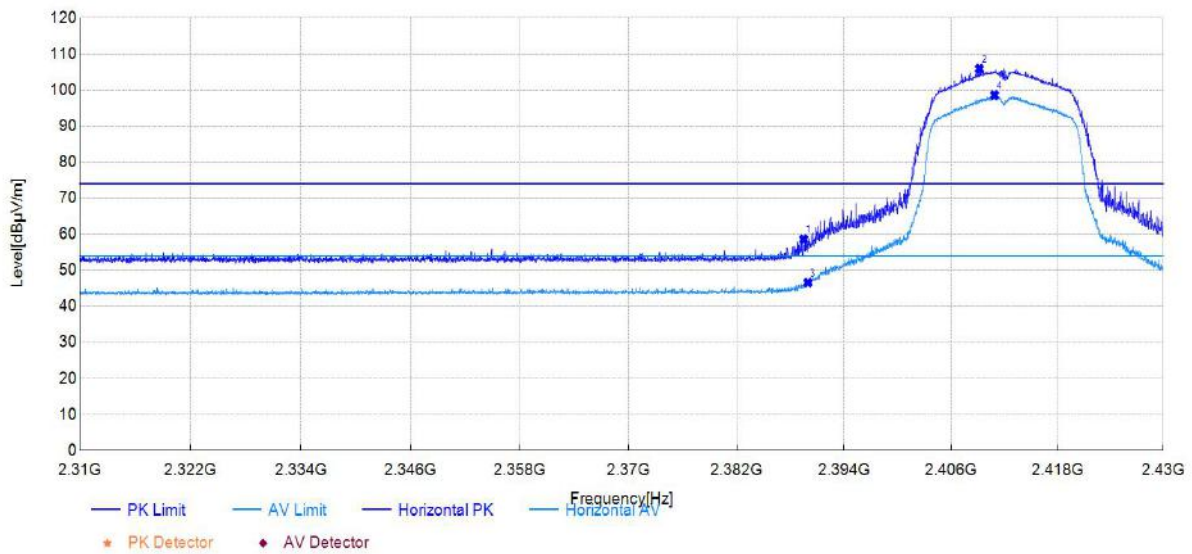
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2461.10	66.26	102.08	35.82	/	/	150	111	PK	Vertical	PASS
2	2484.26	19.31	55.33	36.02	74.00	18.67	150	225	PK	Vertical	PASS
3	2461.13	64.17	99.99	35.82	/	/	150	111	AV	Vertical	PASS
4	2484.32	9.36	45.38	36.02	54.00	8.62	150	93	AV	Vertical	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level

Project Information			
EUT:	IVI Assy	Model:	Q000
Test Date:	2025-08-03	Voltage:	DC 13.2V
Environment:	Temp: 23.8°C; Humi:36%	Engineer:	Stone Zhang
Remark:	Transmit by 802.11g at Channel 2412MHz		

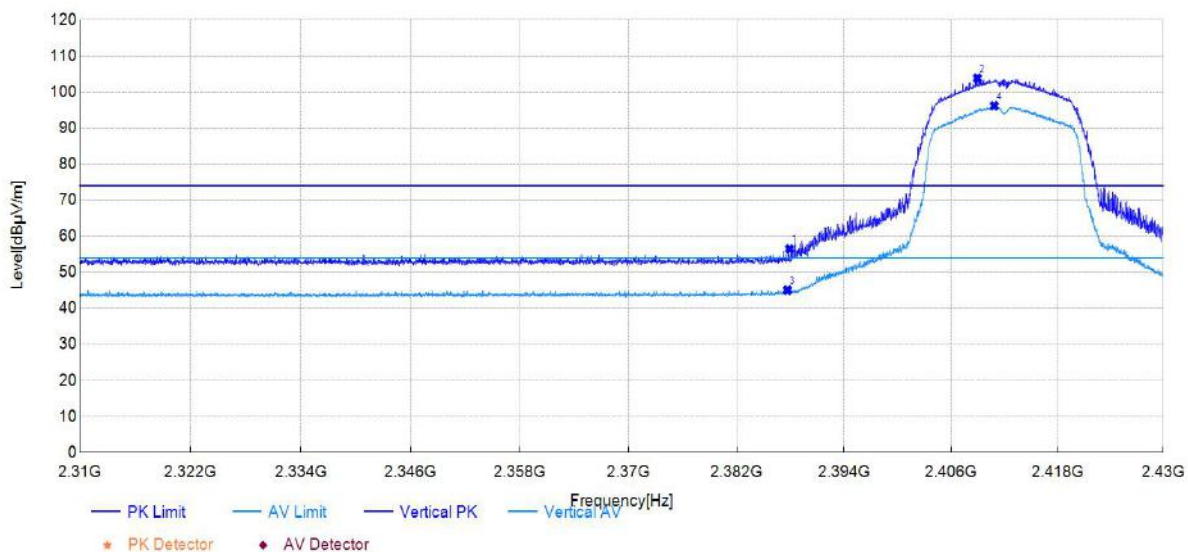


Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2389.49	23.12	58.60	35.48	74.00	15.40	150	123	PK	Horizontal	PASS
2	2409.20	70.39	105.94	35.55	/	/	150	139	PK	Horizontal	PASS
3	2389.97	11.09	46.58	35.49	54.00	7.42	150	238	AV	Horizontal	PASS
4	2410.89	63.04	98.61	35.57	/	/	150	142	AV	Horizontal	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level



Suspected Data List

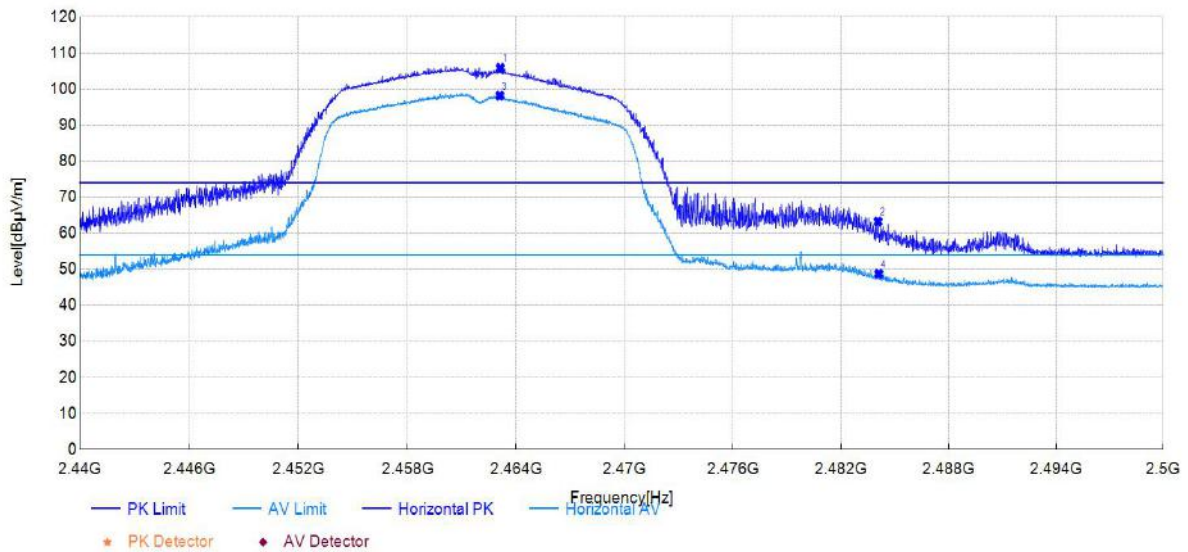
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2387.93	21.14	56.49	35.35	74.00	17.51	150	300	PK	Vertical	PASS
2	2408.96	68.45	103.83	35.38	/	/	150	143	PK	Vertical	PASS
3	2387.69	9.69	45.04	35.35	54.00	8.96	150	88	AV	Vertical	PASS
4	2410.86	60.84	96.23	35.39	/	/	150	147	AV	Vertical	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level

Project Information			
EUT:	IVI Assy	Model:	Q000
Test Date:	2025-08-03	Voltage:	DC 13.2V
Environment:	Temp: 23.8°C; Humi:36%	Engineer:	Stone Zhang
Remark:	Transmit by 802.11g at Channel 2462MHz		

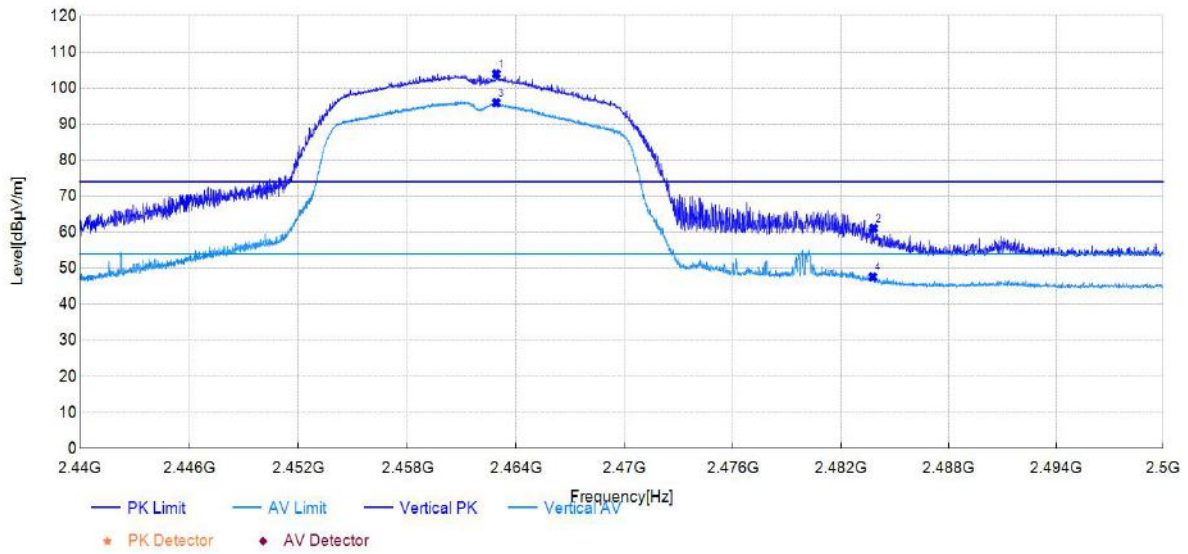


Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2463.12	69.79	105.88	36.09	/	/	150	142	PK	Horizontal	PASS
2	2484.05	26.95	63.25	36.30	74.00	10.75	150	153	PK	Horizontal	PASS
3	2463.09	62.10	98.19	36.09	/	/	150	140	AV	Horizontal	PASS
4	2484.10	12.43	48.73	36.30	54.00	5.27	150	140	AV	Horizontal	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level



Suspected Data List

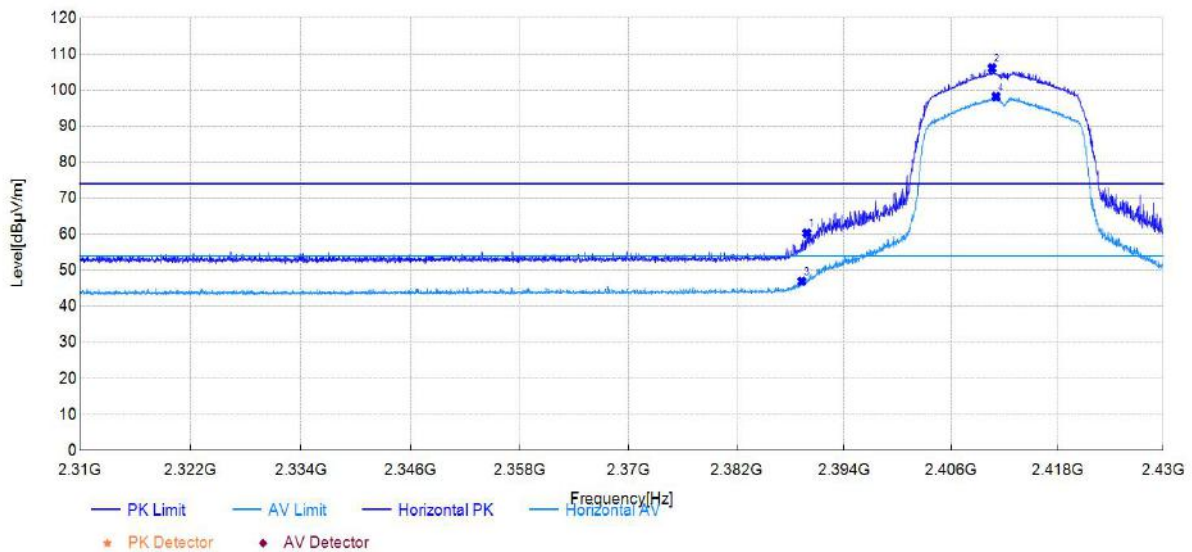
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2462.90	68.09	103.93	35.84	/	/	150	108	PK	Vertical	PASS
2	2483.81	25.07	61.09	36.02	74.00	12.91	150	42	PK	Vertical	PASS
3	2462.90	60.12	95.96	35.84	/	/	150	111	AV	Vertical	PASS
4	2483.77	11.61	47.63	36.02	54.00	6.37	150	111	AV	Vertical	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level

Project Information			
EUT:	IVI Assy	Model:	Q000
Test Date:	2025-08-03	Voltage:	DC 13.2V
Environment:	Temp: 23.8°C; Humi:36%	Engineer:	Stone Zhang
Remark:	Transmit by 802.11n-HT20 at Channel 2412MHz		

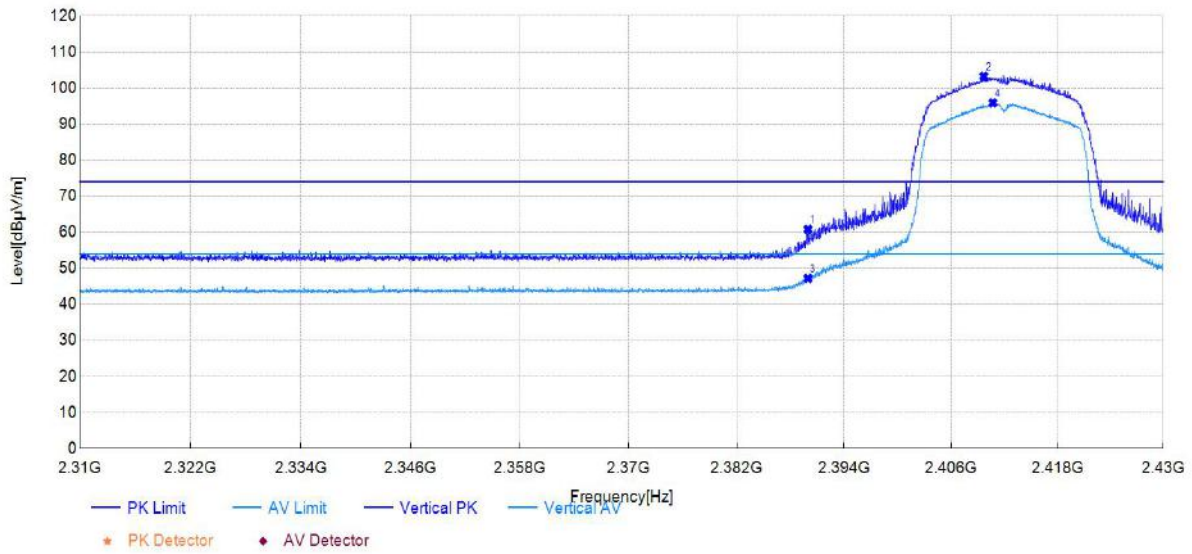


Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2389.85	24.79	60.28	35.49	74.00	13.72	150	242	PK	Horizontal	PASS
2	2410.62	70.50	106.07	35.57	/	/	150	142	PK	Horizontal	PASS
3	2389.28	11.47	46.95	35.48	54.00	7.05	150	142	AV	Horizontal	PASS
4	2411.07	62.61	98.18	35.57	/	/	150	142	AV	Horizontal	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level



Suspected Data List

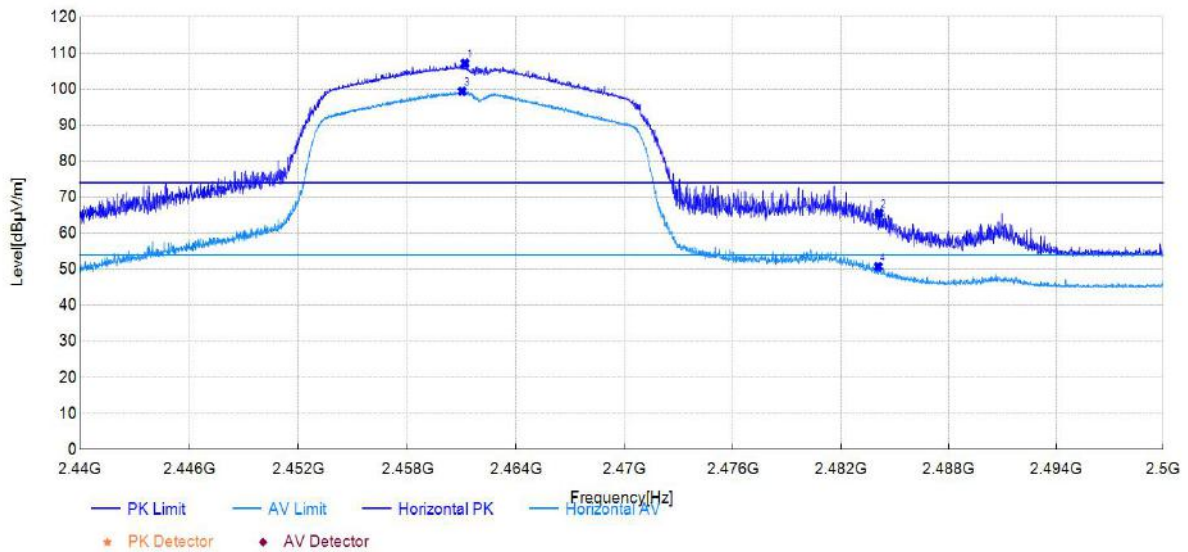
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2389.97	25.44	60.78	35.34	74.00	13.22	150	191	PK	Vertical	PASS
2	2409.68	67.86	103.24	35.38	/	/	150	173	PK	Vertical	PASS
3	2389.97	11.85	47.19	35.34	54.00	6.81	150	184	AV	Vertical	PASS
4	2410.71	60.53	95.92	35.39	/	/	150	144	AV	Vertical	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level

Project Information			
EUT:	IVI Assy	Model:	Q000
Test Date:	2025-08-03	Voltage:	DC 13.2V
Environment:	Temp: 23.8°C; Humi:36%	Engineer:	Stone Zhang
Remark:	Transmit by 802.11n-HT20 at Channel 2462MHz		

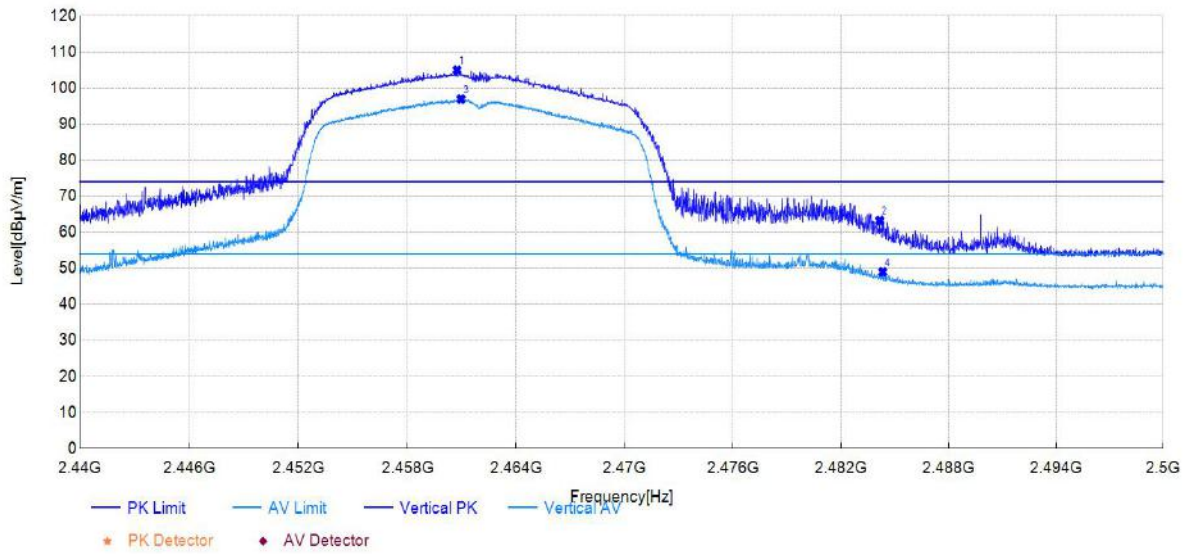


Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2461.17	71.07	107.14	36.07	/	/	150	142	PK	Horizontal	PASS
2	2484.11	29.31	65.61	36.30	74.00	8.39	150	185	PK	Horizontal	PASS
3	2461.01	63.32	99.39	36.07	/	/	150	142	AV	Horizontal	PASS
4	2484.07	14.41	50.71	36.30	54.00	3.29	150	142	AV	Horizontal	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level



Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2460.74	69.18	105.00	35.82	/	/	150	111	PK	Vertical	PASS
2	2484.16	27.21	63.23	36.02	74.00	10.77	150	111	PK	Vertical	PASS
3	2460.95	61.12	96.94	35.82	/	/	150	111	AV	Vertical	PASS
4	2484.32	12.96	48.98	36.02	54.00	5.02	150	111	AV	Vertical	PASS

Note:

(1) Level=Reading + Factor

(2) Margin=Limit-Level

7.8. AC Conducted Emissions Measurement

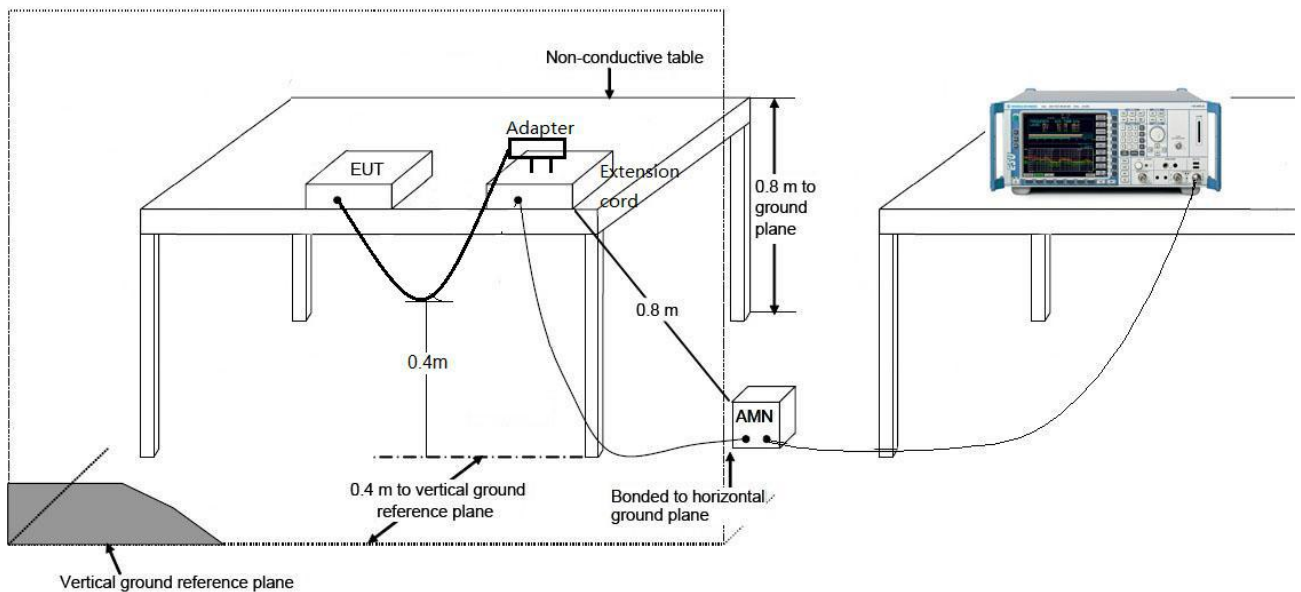
7.8.1. Test Limit

FCC Part 15 Subpart C Paragraph 15.207 Limits		
Frequency (MHz)	QP (dBuV)	AV (dBuV)
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

The EUT is DC 13.2V supply, this item only for the EUT is designed to be connected to the public utility (AC) power line. Not applicable.

8. Conclusion

The data collected relate only the item(s) tested and show that the **IVI Assy** is compliance with Part 15C of the FCC Rules.

Statement

1. This report is invalid for the following states: without the special inspection and testing stamp or the official stamp of our institution; without the signature of the report authorized officer; if the report is altered.
2. It is forbidden to copy partial contents of the report except in full without the approval of our institution.
3. The client shall provide the test sample(s) and commission information and be responsible for their authenticity.
4. The report content is only applicable to the tested sample(s) this time.
5. If there are any objections to the report content, please submit them to our company in writing within 15 days from the date of receiving the report.
6. If the reports include both Chinese and English versions, when there are any inconsistencies caused by language, the Chinese version shall prevail.
7. This report is issued by the following laboratory premises:

No.8 Ningyun Rd., Xinwu District Wuxi, Jiangsu 214000 China

——This page is blank below this line ——