



MEASUREMENT REPORT

FCC PART 15.247 Bluetooth-LE

Report No.: S20250320444601E01

Issue Date: 11-19-2025

Applicant: HONG KONG YUHENG NETWORK TECHNOLOGY
CO., LIMITED

Address: RM A07, 1701-02 NEW TREND CENTRE, 704 PRINCE
EDWARD RD EAST, SAN PO KONG HONG KONG

FCC ID: 2BOG8DSPRO

Product: Digital Shield Wallet

Model No.: Digital Shield Pro

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: Jun. 25, 2025

Test Date: Jul. 01, ~ Oct. 31, 2025

Compiled By

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Approved By

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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
S20250320444601E01	Rev. 01	/	11-19-2025

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§2.1033 General Information

Applicant:	HONG KONG YUHENG NETWORK TECHNOLOGY CO., LIMITED
Applicant Address:	RM A07, 1701-02 NEW TREND CENTRE, 704 PRINCE EDWARD RD EAST, SAN PO KONG HONG KONG
Manufacturer:	HONG KONG YUHENG NETWORK TECHNOLOGY CO., LIMITED
Manufacturer Address:	RM A07, 1701-02 NEW TREND CENTRE, 704 PRINCE EDWARD RD EAST, SAN PO KONG HONG KONG
Factory:	Beijing Zi'an Cube Information Technology Co., Ltd
Factory Address:	420, Building B, Shangao Century Center, Huilongguan Street, Changping District, Beijing
Test Site:	Fanguang Inspection & Testing Co., Ltd.
LAB ID:	CN5037
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:	2BOG8DSPRO
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 Digital Shield Wallet 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:	Digital Shield Wallet
Model Name:	Digital Shield Pro
Trade Mark:	Digital Shield
Input Voltage Range:	DC 3.7V with battery, DC 5V for charging mode
Bluetooth Version:	5.0
Software Version:	1.2.1
Hardware Version:	v1.1
Note:	This information is provided by the Customer and its authenticity is the responsibility of the Customer.

2.2. Product Specification Subjective to this Report

Bluetooth Frequency	2402~2480MHz
Type of modulation	GFSK
Data Rate	1Mbps/2Mbps
Antenna Type:	Ceramic Antenna
Antenna Gain:	1.69dBi

2.3. Operation Frequency / Channel List

Channel	Frequency	Channel	Frequency	Channel	Frequency
00	2402 MHz	01	2404 MHz	02	2406 MHz
03	2408 MHz	04	2410 MHz	05	2412 MHz
06	2414 MHz	07	2416 MHz	08	2418 MHz
09	2420 MHz	10	2422 MHz	11	2424 MHz
12	2426 MHz	13	2428 MHz	14	2430 MHz
15	2432 MHz	16	2434 MHz	17	2436 MHz
18	2438 MHz	19	2440 MHz	20	2442 MHz
21	2444 MHz	22	2446 MHz	23	2448 MHz
24	2450 MHz	25	2452 MHz	26	2454 MHz
27	2456 MHz	28	2458 MHz	29	2460 MHz
30	2462 MHz	31	2464 MHz	32	2466 MHz
33	2468 MHz	34	2470 MHz	35	2472 MHz
36	2474 MHz	37	2476 MHz	38	2478 MHz
39	2480 MHz	--	--	--	--

2.4. Device Capabilities

This device contains the following capabilities:Bluetooth (5.0)

Note: 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 are as follows:

Test Mode	Antenna	Channel	ON Time [ms]	Period [ms]	Duty Cycle [%]
BLE_1M	Ant1	2402	2.13	2.50	85.20
		2440	2.13	2.50	85.20
		2480	2.14	2.50	85.60
BLE_2M	Ant1	2402	1.08	1.87	57.75
		2440	1.09	1.88	57.98
		2480	1.08	1.87	57.75

Test Graphs





BLE_2M_Ant1_2402



BLE_2M_Ant1_2440





2.5. Description of Test Software

The test utility software used during testing was “nRF Connect for Desktop.exe” , Power Parameter Value:

Software Version	Test Mode	Software Power Setting
nRF Connect for Desktop.exe V5.1.0	BLE_1M	default
	BLE_2M	

2.6. Test Mode

Test Mode	Mode 1: Transmit by BLE_1M
	Mode 2: Transmit by BLE_2M
	Mode 3: operation in BT mode, power supply by adapter
Note: The adapter was provided by the laboratory, model A8A-050200U-US1.	

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 S20250320444601-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-2016-385	1 year	2026/08/24

Radiated Emission

Instrument	Manufacturer	Type No.	Asset No.	Cali. Interval	Cali. Due Date
Loop Antenna	Schwarzbeck	FMZB 1519B	FWXGJC-2018-015	3 year	2026/06/21
Bi-Log Antenna	R&S	VULB 9168	FWXGJC-2024-055	1 year	2026/06/21
Broadband Horn Antenna	R&S	HF907	FWXGJC-2016-267-07	1 year	2026/06/21
Broadband Horn Antenna	Schwarzbeck	BBHA9170	FWXGJC-2018-016	3 year	2026/06/21
EMI Receiver	R&S	ESR26	FWXGJC-2016-267-01	1 year	2026/07/16
Pre-Amplifier	Tonscend	TAP0118048	FWXGJC-2024-056	1 year	2026/06/21
Pre-Amplifier	R&S	EMC184055 SE	FWXGJC-2018-018	3 year	2026/06/21
Hygrothermograph	Mittel	HTC-1	FWXDA-2016-387	1 year	2026/08/24
Anechoic Chamber	SAEMC	FSAC318	FGZZ-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	Toncend	JS0806-2	FWXGJC-2018-013	1 year	2026/07/16
Thermohygrometer	Yuhuaze	HTC-1	FWXDA-2016-385	1 year	2026/08/24

Auxiliary Equipment

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

Test Software

Test Software	Manufacturer	Version	Asset No.	Function
JS32	Tonscend	V5.0.0	FWXWA-2019-004	RE
RF Test Software	Tonscend	3.3.10	/	/

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	$\geq 20\text{dBc}$		Pass	Section 7.5
15.247(d)	Out-of-Band Emissions	$\geq 20\text{dBc}$		Pass	Section 7.5
15.205	Restricted Bands	Emissions in restricted bands must meet the radiated limits detailed in 15.205	Radiated	Pass	Section 7.7
15.209	General Field Strength Limits (Radiated Emission Limits)	Radiated Emission must meet the radiated limits detailed in 15.209 (RSS GEN [8.9])		Pass	Section 7.6
15.207	AC Conducted Emissions 150kHz - 30MHz	< FCC 15.207 limits (RSS GEN [8.8])	Line Conducted	Pass	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.

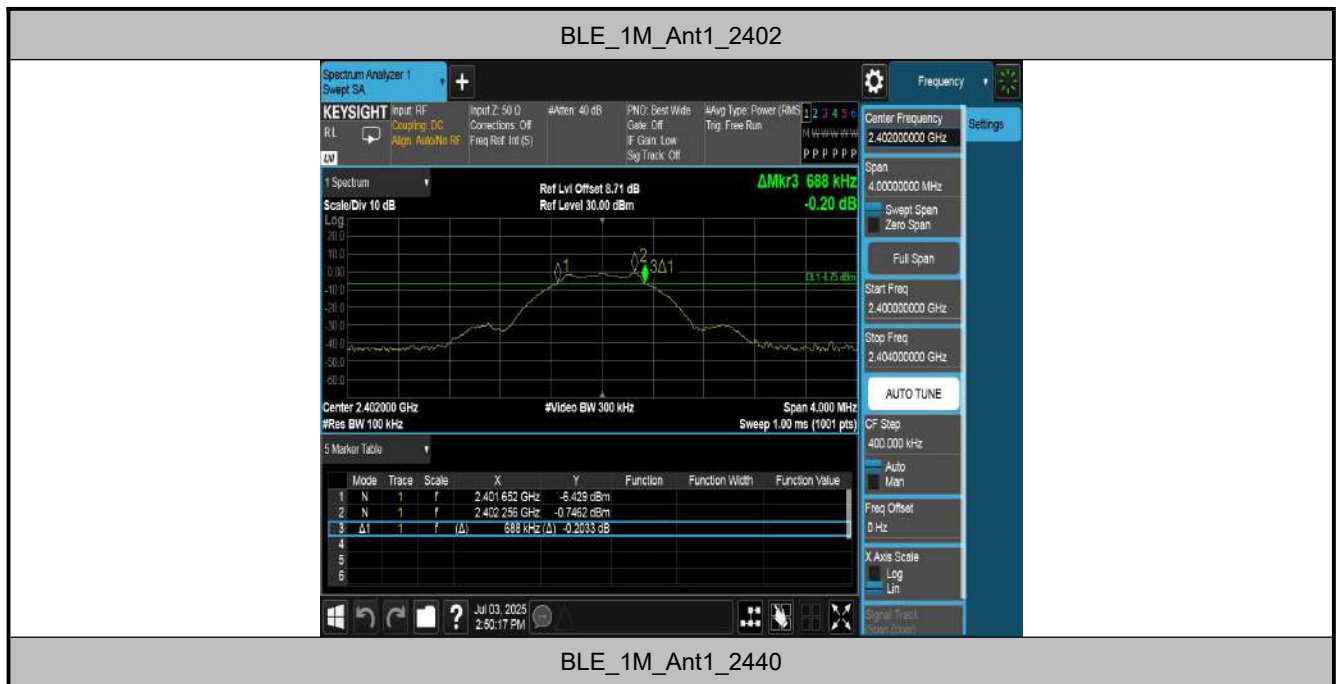
7.2.4. Test Setup



7.2.5. Test Result

Test Mode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	99% BW[MHz]	Verdict
BLE_1M	Ant1	2402	0.688	2401.652	2402.340	0.5	1.0495	PASS
		2440	0.696	2439.648	2440.344	0.5	1.0522	PASS
		2480	0.708	2479.644	2480.352	0.5	1.0598	PASS
BLE_2M	Ant1	2402	1.140	2401.440	2402.580	0.5	2.0765	PASS
		2440	1.144	2439.440	2440.584	0.5	2.0711	PASS
		2480	1.136	2479.440	2480.576	0.5	2.0831	PASS

Test Graphs of 6dB Bandwidth





BLE_1M_Ant1_2480



BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480



Test Graphs of Occupied Channel Bandwidth

BLE_1M_Ant1_2402



BLE_1M_Ant1_2440



BLE_1M_Ant1_2480



BLE_2M_Ant1_2402



BLE_2M_Ant1_2440





7.3. Output Power Measurement

7.3.1. Test Limit

The maximum permissible conducted output power is 1 Watt (30dBm).

The maximum permissible conducted EIRP is 4 Watt (36.02dBm).

And for antenna gain greater than 6dBi the limit shall reduce by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

7.3.2. Test Procedure Used

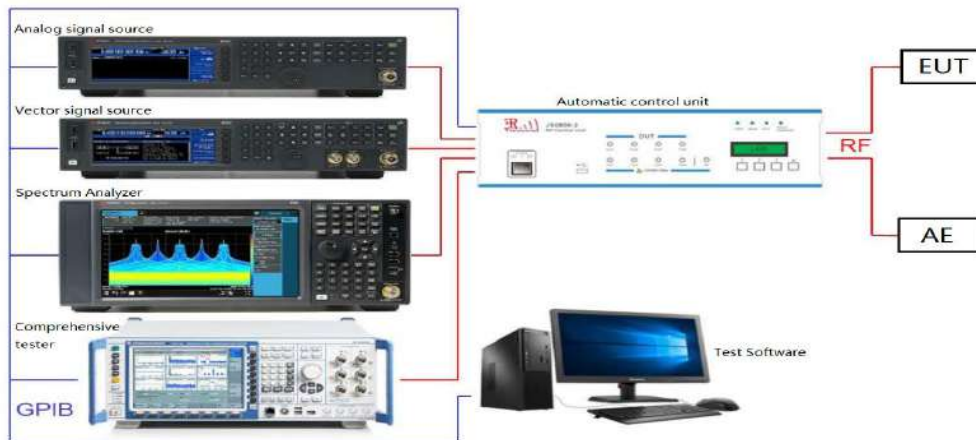
ANSI C63.10-2013 – Section 11.9.1.1

KDB 558074 D01 v05r02 – Section 8.3.1.2

7.3.3. Test Setting

- 1.Set the RBW $\geq$ DTS bandwidth.
- 2.Set the VBW $\geq$ $[3 \times \text{RBW}]$.
- 3.Set the span $\geq [3 \times \text{RBW}]$.
- 4.Detector = peak.
- 5.Sweep time = auto couple.
- 6.Trace mode = max hold.
- 7.Allow trace to fully stabilize.
8. Use peak marker function to determine the peak amplitude level.

7.3.4. Test Setup



7.3.5. Test Result

Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	EIRP[dBm]	EIRP Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-0.52	≤30	1.17	≤36.02	PASS
		2440	-0.33	≤30	1.36	≤36.02	PASS
		2480	-0.73	≤30	0.96	≤36.02	PASS
BLE_2M	Ant1	2402	-0.46	≤30	1.23	≤36.02	PASS
		2440	-0.35	≤30	1.34	≤36.02	PASS
		2480	-0.83	≤30	0.86	≤36.02	PASS

Test Graphs





BLE_1M_Ant1_2480



BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480



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 6 dBi.

7.4.2. Test Procedure Used

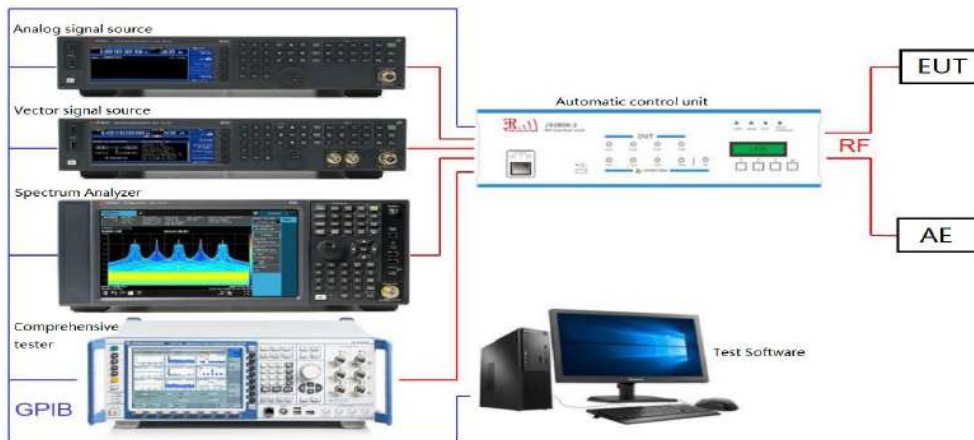
KDB 558074 D01 v05r02 - Section 8.4

ANSI C63.10 – Section 11.10.2

7.4.3. Test Setting

1. Set analyzer center frequency to DTS channel center frequency.
2. Set the span to 1.5 times the DTS bandwidth.
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 = peak.
6. Sweep time = auto couple.
7. Trace mode = max hold.
8. Allow trace to fully stabilize.

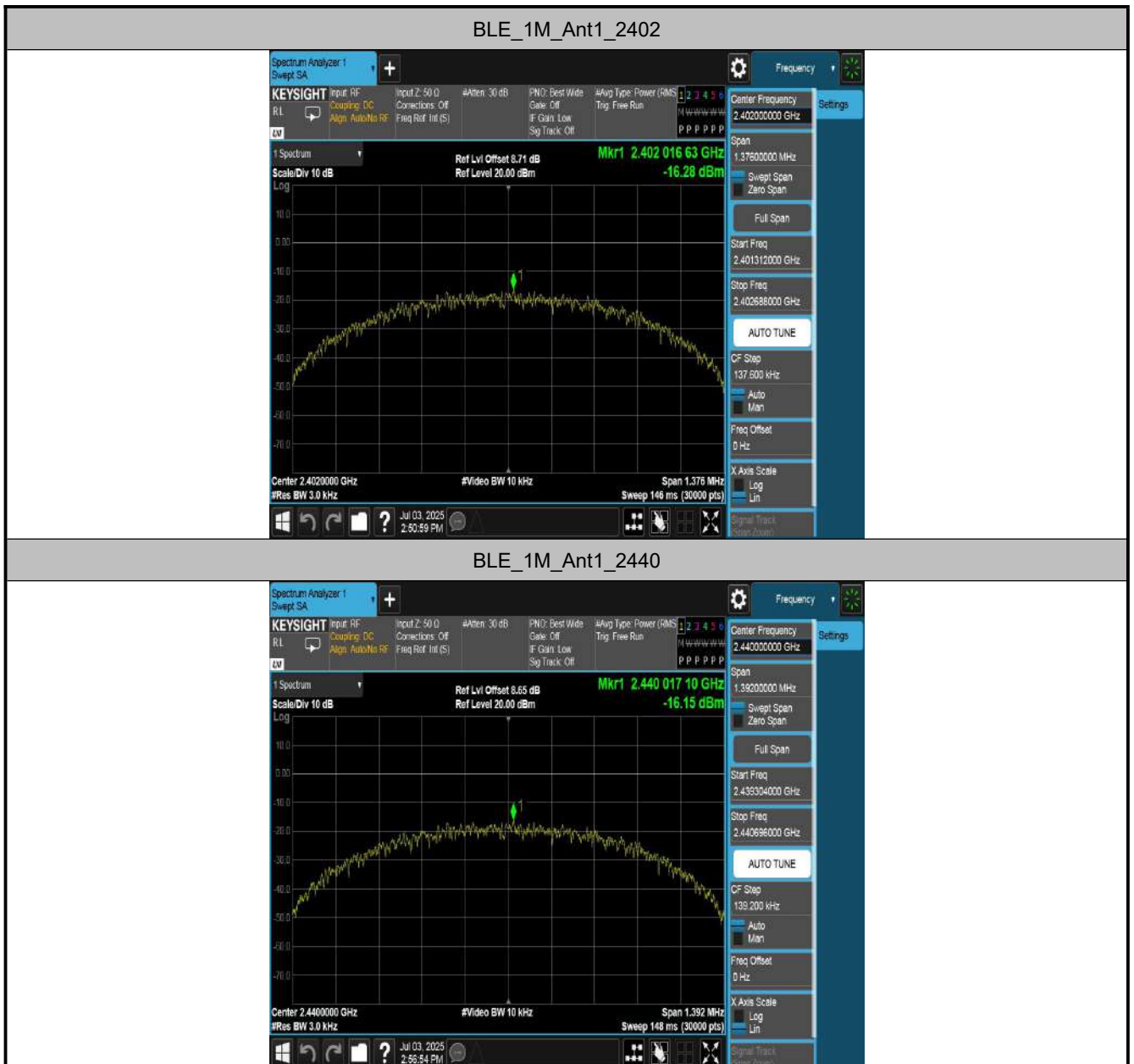
7.4.4. Test Setup



7.4.5. Test Result

Test Mode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-16.28	≤8.00	PASS
		2440	-16.15	≤8.00	PASS
		2480	-16.85	≤8.00	PASS
BLE_2M	Ant1	2402	-18.27	≤8.00	PASS
		2440	-18.26	≤8.00	PASS
		2480	-18.75	≤8.00	PASS

Test Graphs



BLE_1M_Ant1_2480



BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480



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 20dB 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

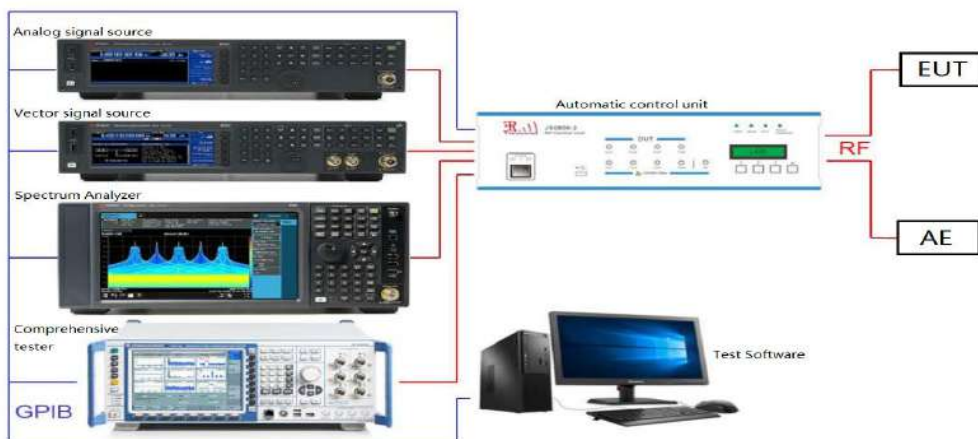
KDB 558074 D01 v05r02 - Section 8.5 & Section 8.6

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

Test Mode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	-0.79	-0.79	---	PASS
			30~1000	-0.79	-41.21	≤-20.79	PASS
			1000~26500	-0.79	-31.64	≤-20.79	PASS
		2440	Reference	-0.68	-0.68	---	PASS
			30~1000	-0.68	-41.78	≤-20.68	PASS
			1000~26500	-0.68	-32.59	≤-20.68	PASS
		2480	Reference	-1.18	-1.18	---	PASS
			30~1000	-1.18	-41.63	≤-21.18	PASS
			1000~26500	-1.18	-32.05	≤-21.18	PASS
BLE_1M	Ant1	2402	Reference	-0.84	-0.84	---	PASS
			30~1000	-0.84	-41.7	≤-20.84	PASS
			1000~26500	-0.84	-31.86	≤-20.84	PASS
		2440	Reference	-0.71	-0.71	---	PASS
			30~1000	-0.71	-41.83	≤-20.71	PASS
			1000~26500	-0.71	-28.79	≤-20.71	PASS
		2480	Reference	-1.21	-1.21	---	PASS
			30~1000	-1.21	-41.13	≤-21.21	PASS
			1000~26500	-1.21	-24.51	≤-21.21	PASS

Test Graphs of Conducted Band Edge

BLE_1M_Ant1_2402_0~Reference



BLE_1M_Ant1_2402_30~1000



BLE_1M_Ant1_2402_1000~26500



BLE_1M_Ant1_2440_0~Reference



BLE_1M_Ant1_2440_30~1000



BLE_1M_Ant1_2440_1000~26500



BLE_1M_Ant1_2480_0~Reference



BLE_1M_Ant1_2480_30~1000



BLE_1M_Ant1_2480_1000~26500



BLE_2M_Ant1_2402_0~Reference



BLE_2M_Ant1_2402_30~1000



BLE_2M_Ant1_2402_1000~26500



BLE_2M_Ant1_2440_0~Reference



BLE_2M_Ant1_2440_30~1000



BLE_2M_Ant1_2440_1000~26500



BLE_2M_Ant1_2480_0~Reference



BLE_2M_Ant1_2480_30~1000



BLE_2M_Ant1_2480_1000~26500



Test Graphs of Out-of-Band Emissions

BLE_1M_Ant1_Low_2402



BLE_1M_Ant1_High_2480



BLE_2M_Ant1_Low_2402



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
7. Trace was allowed to stabilize

Table 1 - RBW as a function of frequency

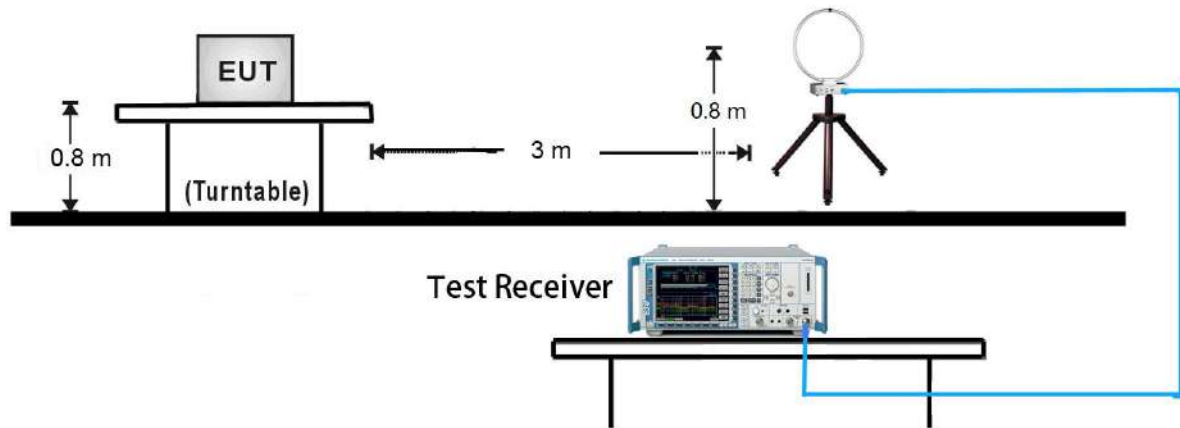
Frequency	RBW
9 ~ 150 kHz	200 ~ 300 Hz
0.15 ~ 30 MHz	9 ~ 10 kHz
30 ~ 1000 MHz	100 ~ 120 kHz
> 1000 MHz	1 MHz

Average Field Strength Measurements

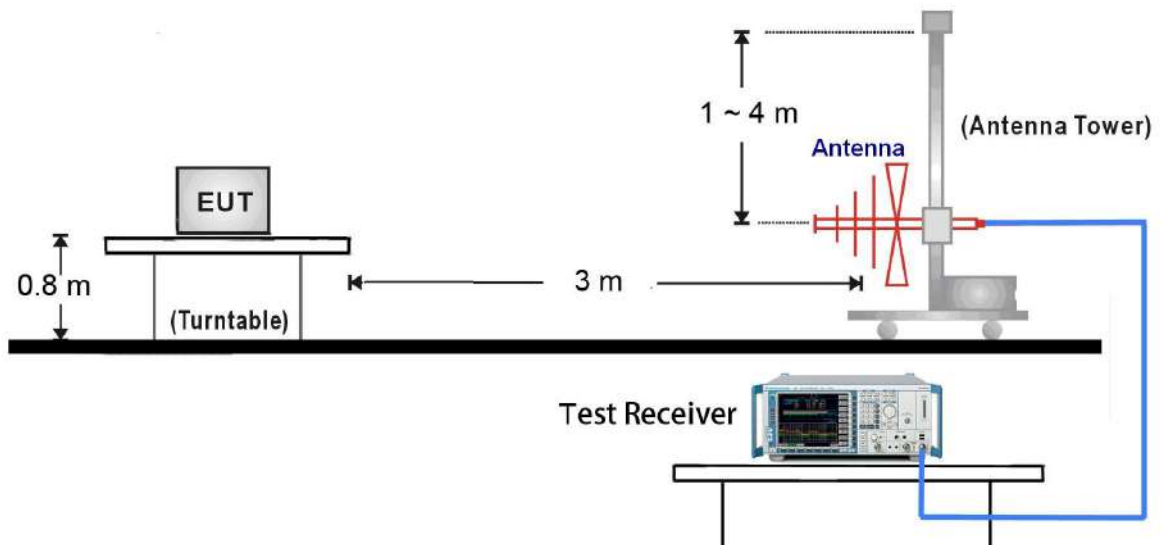
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = Power Average (RMS)
5. Number of sweep point = 2001 (Number of sweep points must be $\geq 2 \times \text{span} / \text{RBW}$)
6. Sweep time = auto
7. Trace (RMS)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

7.6.4. Test Setup

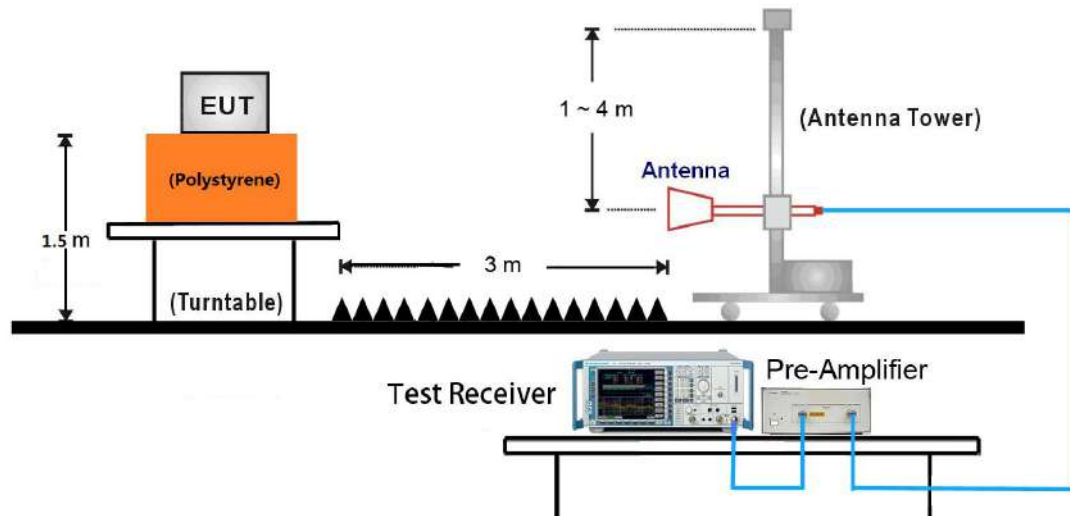
9kHz ~ 30MHz Test Setup:



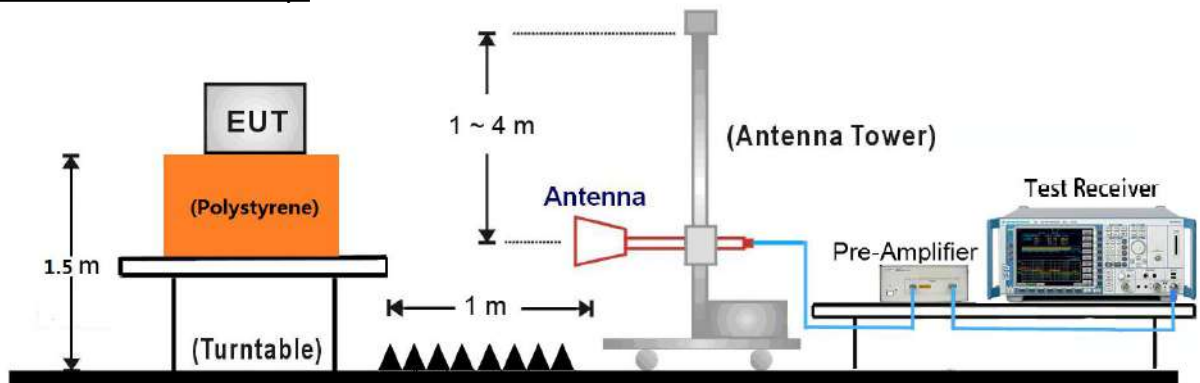
30MHz ~ 1GHz Test Setup:



1GHz ~ 18GHz Test Setup:



18GHz ~ 25GHz Test Setup:



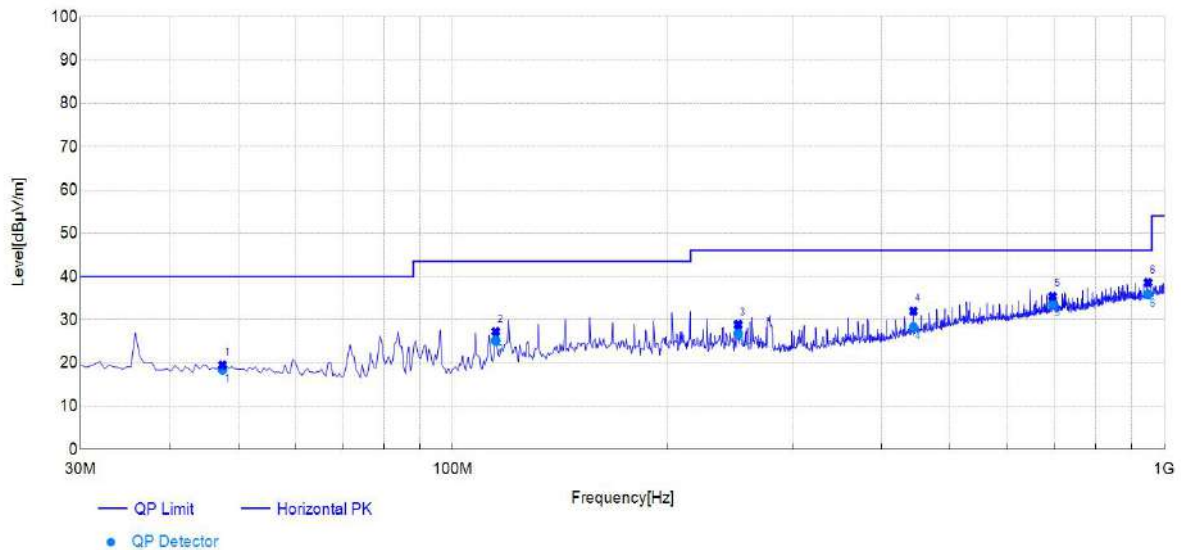
7.6.1. Test Result

The worst case of Radiated Emission below 1GHz:

30MHz – 1GHz Test Data

EUT:	Digital Shield Wallet	Polarity:	Horizontal
Model:	Digital Shield Pro	Test Engineer:	Chuang Li
Mode:	Transmit at BLE_1M Channel 00	Voltage:	DC 3.7V
Environment:	Temp: 22.1°C; Humi: 52%	Test Date:	2025-09-30

Test Graph



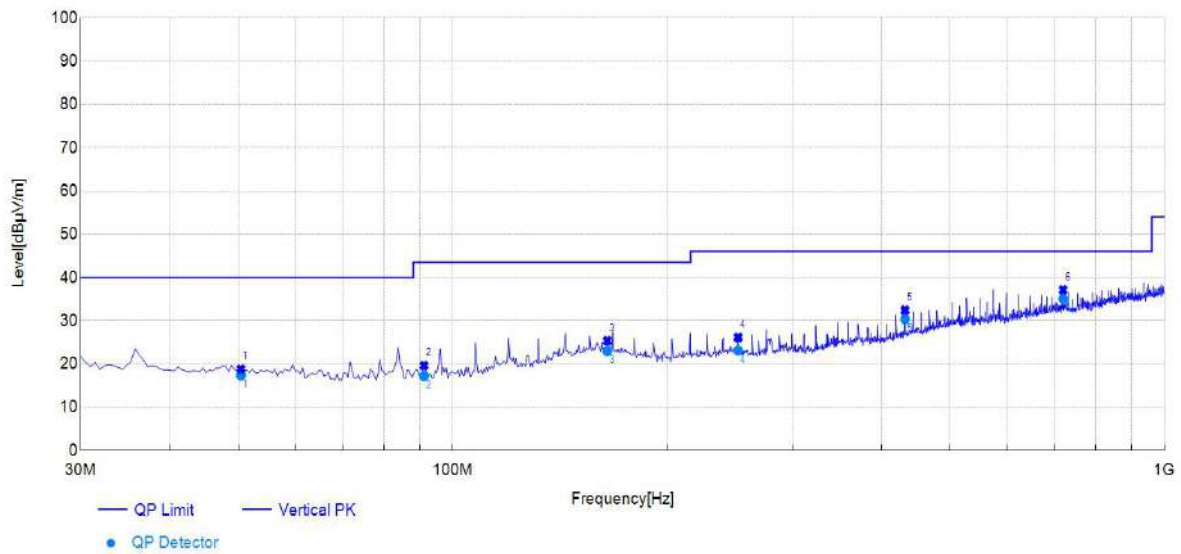
Final Data List

NO.	Frequency [MHz]	Factor [dB/m]	QP Reading [dBμV]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	47.47	13.26	5.18	18.44	40.00	21.56	100	48	Horizontal	PASS
2	114.92	13.64	11.53	25.17	43.50	18.33	150	42	Horizontal	PASS
3	251.76	16.09	10.7	26.79	46.00	19.21	100	110	Horizontal	PASS
4	443.91	20.61	7.67	28.28	46.00	17.72	100	359	Horizontal	PASS
5	696.24	24.89	8.78	33.67	46.00	12.33	100	112	Horizontal	PASS
6	948.08	28.84	7.01	35.85	46.00	10.15	100	237	Horizontal	PASS

Note 1: 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 ~ 26.5GHz), therefore no data appear in the report.

EUT:	Digital Shield Wallet	Polarity:	Vertical
Model:	Digital Shield Pro	Test Engineer:	Chuang Li
Mode:	Transmit at BLE_1M Channel 00	Voltage:	DC 3.7V
Environment:	Temp: 22.1°C; Humi: 52%	Test Date:	2025-09-30

Test Graph

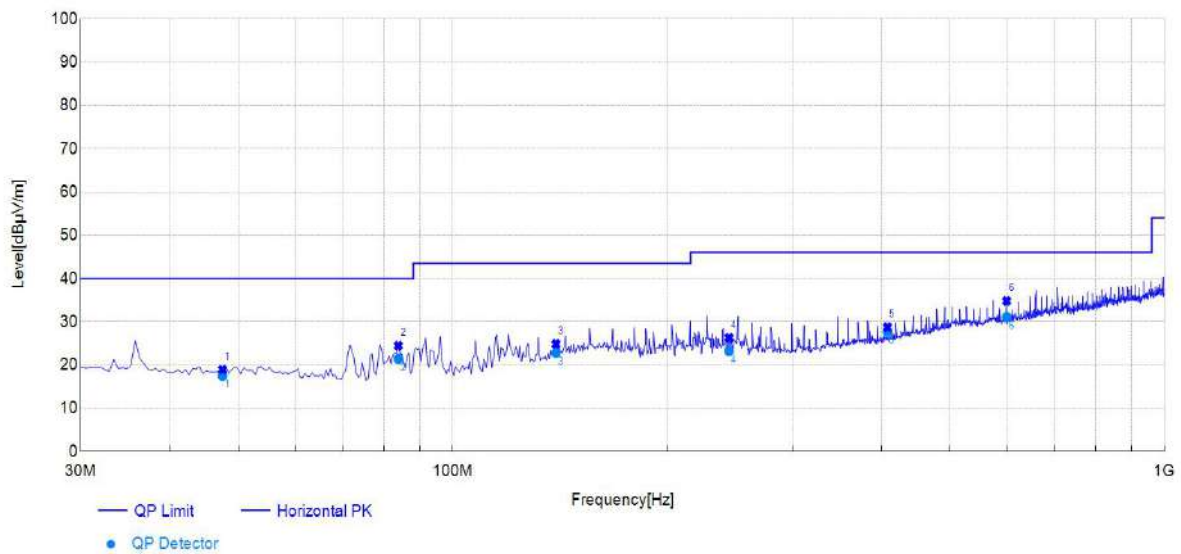


Final Data List										
NO.	Frequency [MHz]	Factor [dB/m]	QP Reading [dBμV]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	50.38	13.34	4.05	17.39	40.00	22.61	100	167	Vertical	PASS
2	91.14	11.17	6.04	17.21	43.50	26.29	100	122	Vertical	PASS
3	164.90	17.72	5.23	22.95	43.50	20.55	100	212	Vertical	PASS
4	251.76	16.09	7	23.09	46.00	22.91	150	52	Vertical	PASS
5	431.78	20.24	10.14	30.38	46.00	15.62	150	161	Vertical	PASS
6	720.02	25.13	9.94	35.07	46.00	10.93	100	41	Vertical	PASS

30MHz – 1GHz Test Data

EUT:	Digital Shield Wallet	Polarity:	Horizontal
Model:	Digital Shield Pro	Test Engineer:	Chuang Li
Mode:	Transmit at BLE_1M Channel 19	Voltage:	DC 3.7V
Environment:	Temp: 22.1°C; Humi: 52%	Test Date:	2025-09-30

Test Graph



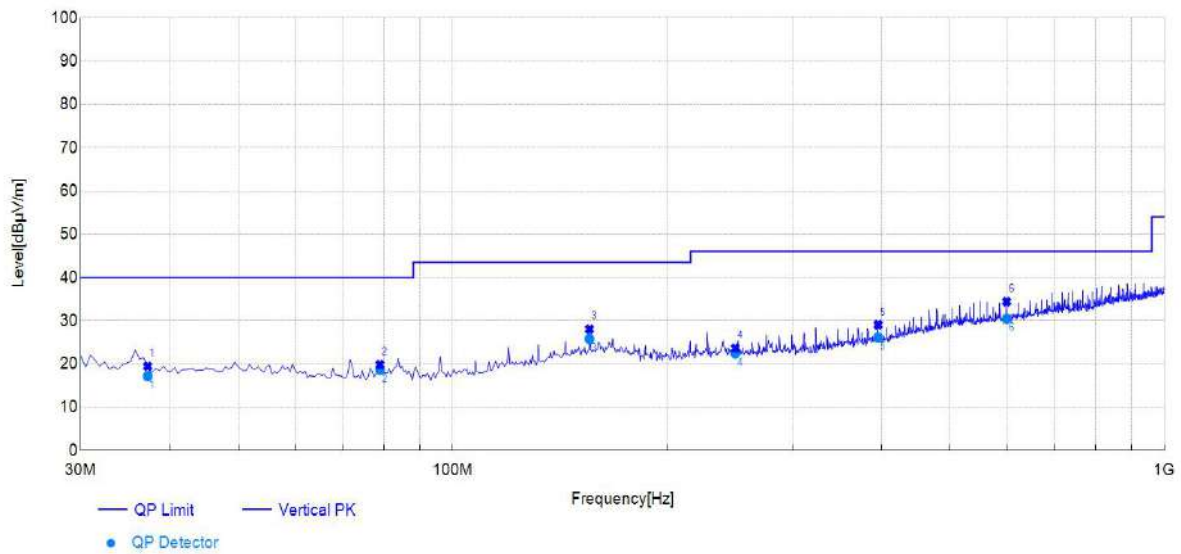
Final Data List

NO.	Frequency [MHz]	Factor [dB/m]	QP Reading [dBμV]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	47.47	13.26	4.26	17.52	40.00	22.48	100	124	Horizontal	PASS
2	83.86	11.13	10.29	21.42	40.00	18.58	150	75	Horizontal	PASS
3	139.66	16.36	6.44	22.80	43.50	20.70	150	152	Horizontal	PASS
4	244.48	15.95	7.28	23.23	46.00	22.77	150	66	Horizontal	PASS
5	408.00	19.39	8.27	27.66	46.00	18.34	100	347	Horizontal	PASS
6	600.16	23.24	7.87	31.11	46.00	14.89	150	164	Horizontal	PASS

Note 1: 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 ~ 26.5GHz), therefore no data appear in the report.

EUT:	Digital Shield Wallet	Polarity:	Vertical
Model:	Digital Shield Pro	Test Engineer:	Chuang Li
Mode:	Transmit at BLE_1M Channel 19	Voltage:	DC 3.7V
Environment:	Temp: 22.1°C; Humi: 52%	Test Date:	2025-09-30

Test Graph



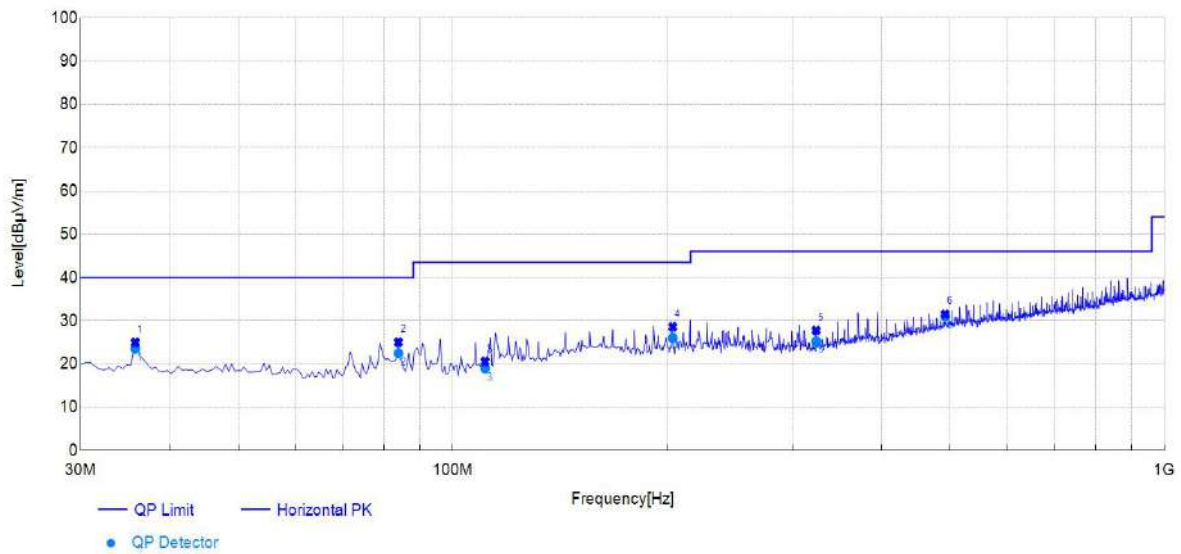
Final Data List										
NO.	Frequency [MHz]	Factor [dB/m]	QP Reading [dBμV]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	37.28	13.09	4.1	17.19	40.00	22.81	150	72	Vertical	PASS
2	79.01	11.22	7.36	18.58	40.00	21.42	150	130	Vertical	PASS
3	155.68	17.55	8.25	25.80	43.50	17.70	150	85	Vertical	PASS
4	249.33	16.08	6.31	22.39	46.00	23.61	150	327	Vertical	PASS
5	395.87	19.16	6.98	26.14	46.00	19.86	100	164	Vertical	PASS
6	600.16	23.24	7.23	30.47	46.00	15.53	100	43	Vertical	PASS

Note 1: 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 ~ 26.5GHz), therefore no data appear in the report.

30MHz – 1GHz Test Data

EUT:	Digital Shield Wallet	Polarity:	Horizontal
Model:	Digital Shield Pro	Test Engineer:	Chuang Li
Mode:	Transmit at BLE_1M Channel 39	Voltage:	DC 3.7V
Environment:	Temp: 22.1°C; Humi: 52%	Test Date:	2025-09-30

Test Graph



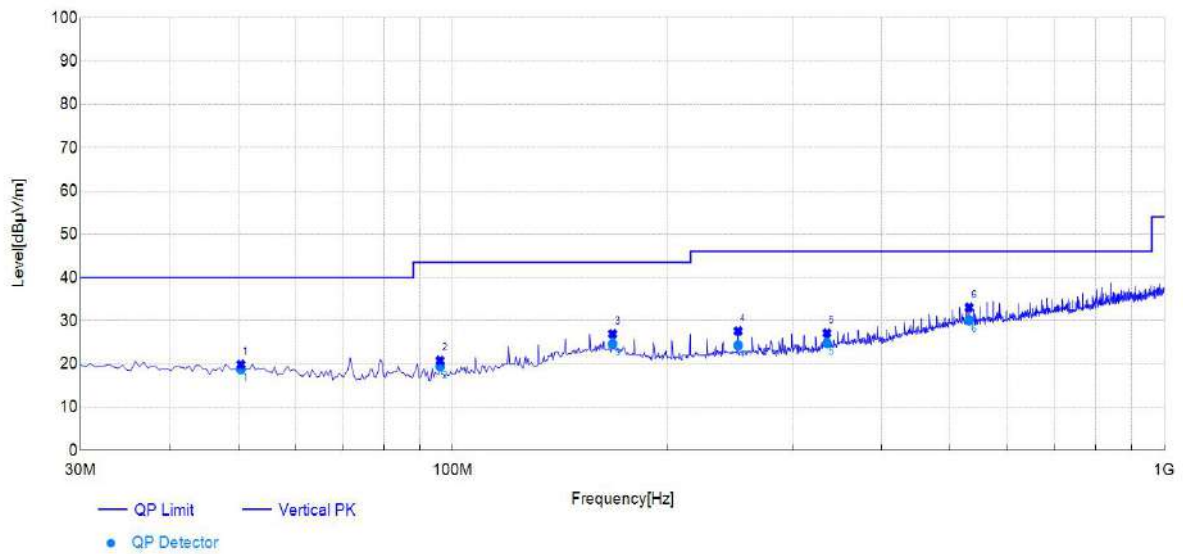
Final Data List

NO.	Frequency [MHz]	Factor [dB/m]	QP Reading [dBμV]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	35.82	13.14	10.43	23.57	40.00	16.43	150	94	Horizontal	PASS
2	83.86	11.13	11.33	22.46	40.00	17.54	150	213	Horizontal	PASS
3	111.04	13.03	5.94	18.97	43.50	24.53	150	88	Horizontal	PASS
4	203.72	15.29	10.72	26.01	43.50	17.49	100	104	Horizontal	PASS
5	324.06	17.19	8	25.19	46.00	20.81	100	104	Horizontal	PASS
6	491.95	21.86	9.09	30.95	46.00	15.05	150	118	Horizontal	PASS

Note 1: 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 ~ 26.5GHz), therefore no data appear in the report.

EUT:	Digital Shield Wallet	Polarity:	Vertical
Model:	Digital Shield Pro	Test Engineer:	Chuang Li
Mode:	Transmit at BLE_1M Channel 39	Voltage:	DC 3.7V
Environment:	Temp: 22.1°C; Humi: 52%	Test Date:	2025-09-30

Test Graph



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 [°]	Polarity	Verdict
1	50.38	13.34	5.42	18.76	40.00	21.24	100	259	Vertical	PASS
2	95.99	11.81	7.64	19.45	43.50	24.05	150	107	Vertical	PASS
3	167.81	17.65	6.98	24.63	43.50	18.87	150	124	Vertical	PASS
4	251.76	16.09	8.22	24.31	46.00	21.69	150	134	Vertical	PASS
5	335.70	17.54	7.28	24.82	46.00	21.18	100	66	Vertical	PASS
6	531.74	22.57	7.53	30.10	46.00	15.90	100	161	Vertical	PASS

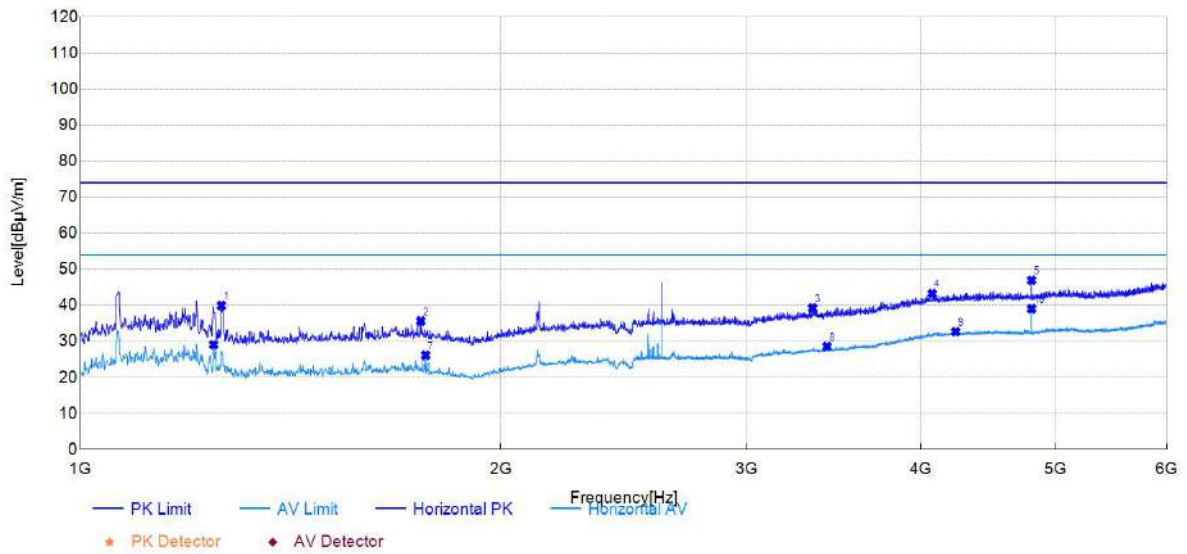
Note 1: The test trace is same as the ambient noise and the amplitude of the emissions are attenuated more than 20dB below the permissible (the test frequency range: 9kHz ~ 30MHz, 18GHz ~ 25GHz), therefore no data appear in the report.

The worst case of Radiated Emission above 1GHz:

1GHz – 6GHz Test Data

EUT:	Digital Shield Wallet	Polarity:	Horizontal
Model:	Digital Shield Pro	Test Engineer:	Chuang Li
Mode:	Transmit at BLE_1M Channel 00	Voltage:	DC 3.7V
Environment:	Temp: 22.1℃; Humi: 52%	Test Date:	2025-09-30

Test Graph



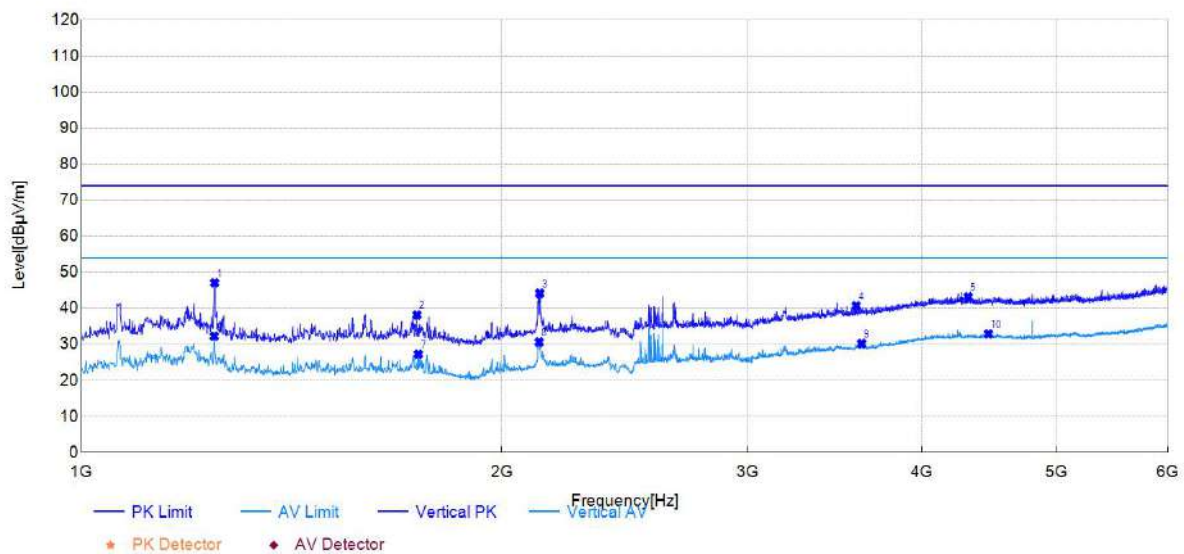
Suspected Data List

NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	1261.00	63.03	39.92	-23.11	74.00	34.08	100	34	PK	Horizontal	PASS
2	1753.00	55.54	35.66	-19.88	74.00	38.34	100	34	PK	Horizontal	PASS
3	3346.00	52.21	39.25	-12.96	74.00	34.75	100	197	PK	Horizontal	PASS
4	4078.00	51.48	43.28	-8.20	74.00	30.72	100	308	PK	Horizontal	PASS
5	4804.00	53.73	46.95	-6.78	74.00	27.05	100	142	PK	Horizontal	PASS
6	1245.00	52.31	29.11	-23.20	54.00	24.89	100	346	AV	Horizontal	PASS
7	1767.00	45.90	26.14	-19.76	54.00	27.86	100	271	AV	Horizontal	PASS
8	3426.00	41.28	28.60	-12.68	54.00	25.40	100	78	AV	Horizontal	PASS
9	4239.00	40.52	32.68	-7.84	54.00	21.32	100	63	AV	Horizontal	PASS
10	4804.00	45.83	39.05	-6.78	54.00	14.95	200	144	AV	Horizontal	PASS

Note 1: 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 ~ 26.5GHz), therefore no data appear in the report.

EUT:	Digital Shield Wallet	Polarity:	Vertical
Model:	Digital Shield Pro	Test Engineer:	Chuang Li
Mode:	Transmit at BLE_1M Channel 00	Voltage:	DC 3.7V
Environment:	Temp: 22.1°C; Humi: 52%	Test Date:	2025-09-30

Test Graph



Suspected Data List

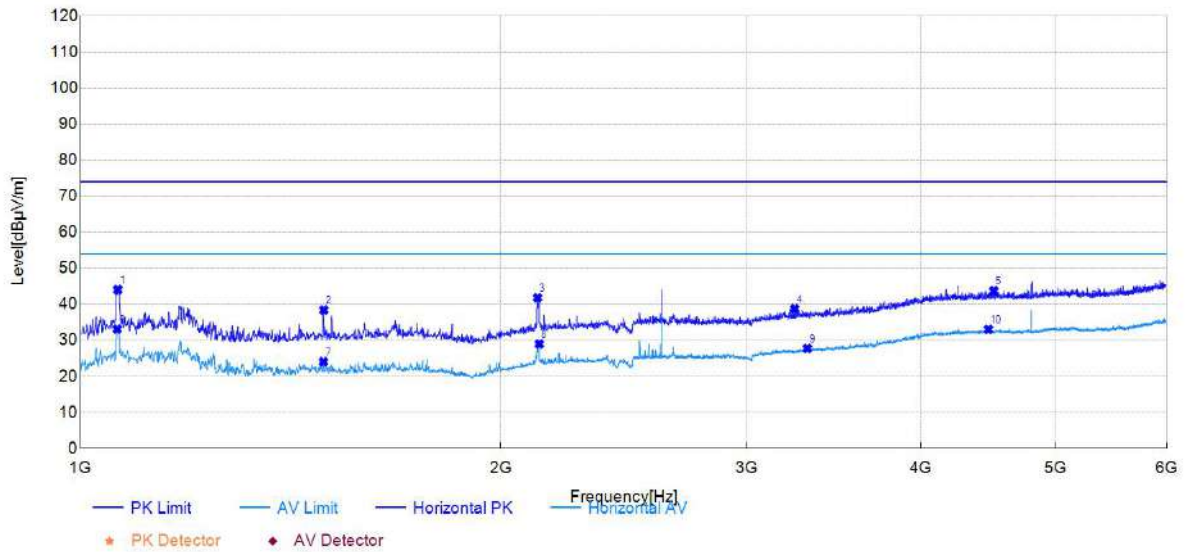
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	1245.00	69.34	47.09	-22.25	74.00	26.91	200	97	PK	Vertical	PASS
2	1739.00	57.54	38.15	-19.39	74.00	35.85	100	0	PK	Vertical	PASS
3	2129.00	61.47	44.17	-17.30	74.00	29.83	100	121	PK	Vertical	PASS
4	3589.00	51.55	40.66	-10.89	74.00	33.34	200	104	PK	Vertical	PASS
5	4320.00	50.87	43.20	-7.67	74.00	30.80	200	338	PK	Vertical	PASS
6	1244.00	54.49	32.24	-22.25	54.00	21.76	200	97	AV	Vertical	PASS
7	1743.00	46.59	27.23	-19.36	54.00	26.77	200	90	AV	Vertical	PASS
8	2127.00	47.94	30.63	-17.31	54.00	23.37	100	129	AV	Vertical	PASS
9	3622.00	40.93	30.21	-10.72	54.00	23.79	100	121	AV	Vertical	PASS
10	4467.00	40.53	32.92	-7.61	54.00	21.08	100	173	AV	Vertical	PASS

Note 1: 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 ~ 26.5GHz), therefore no data appear in the report.

1GHz – 6GHz Test Data

EUT:	Digital Shield Wallet	Polarity:	Horizontal
Model:	Digital Shield Pro	Test Engineer:	Chuang Li
Mode:	Transmit at BLE_1M Channel 19	Voltage:	DC 3.7V
Environment:	Temp: 22.1°C; Humi: 52%	Test Date:	2025-09-30

Test Graph



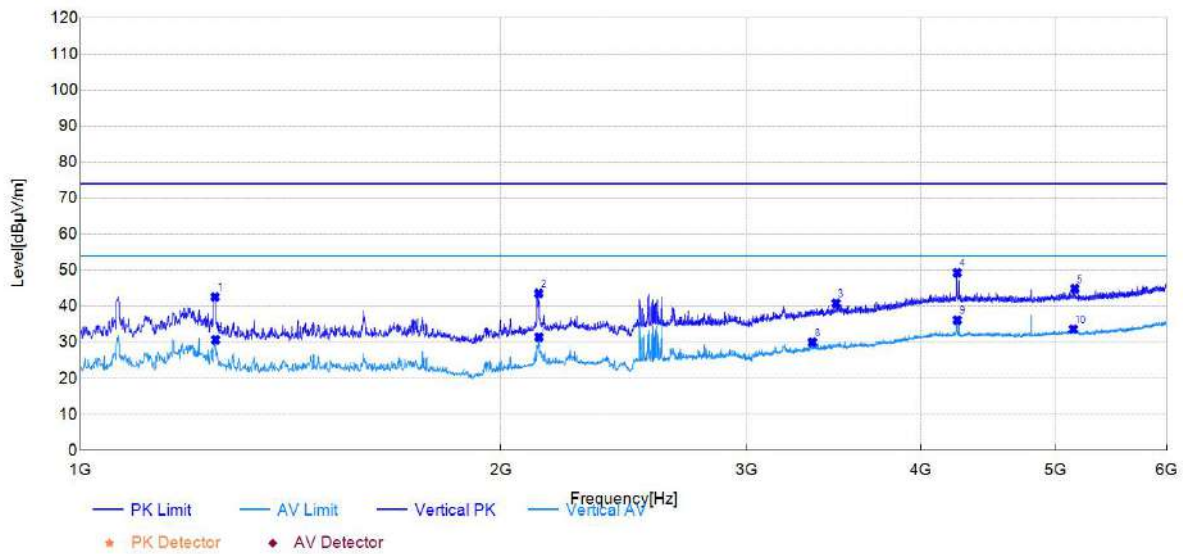
Suspected Data List

NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	1063.00	68.06	44.06	-24.00	74.00	29.94	200	47	PK	Horizontal	PASS
2	1494.00	60.21	38.43	-21.78	74.00	35.57	100	148	PK	Horizontal	PASS
3	2125.00	59.34	41.80	-17.54	74.00	32.20	100	66	PK	Horizontal	PASS
4	3249.00	52.12	38.76	-13.36	74.00	35.24	100	66	PK	Horizontal	PASS
5	4514.00	50.95	43.71	-7.24	74.00	30.29	200	288	PK	Horizontal	PASS
6	1062.00	57.14	33.15	-23.99	54.00	20.85	100	56	AV	Horizontal	PASS
7	1493.00	45.86	24.08	-21.78	54.00	29.92	100	148	AV	Horizontal	PASS
8	2131.00	46.55	29.03	-17.52	54.00	24.97	100	66	AV	Horizontal	PASS
9	3317.00	40.83	27.77	-13.06	54.00	26.23	100	256	AV	Horizontal	PASS
10	4474.00	40.41	33.07	-7.34	54.00	20.93	100	130	AV	Horizontal	PASS

Note 1: 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 ~ 26.5GHz), therefore no data appear in the report.

EUT:	Digital Shield Wallet	Polarity:	Vertical
Model:	Digital Shield Pro	Test Engineer:	Chuang Li
Mode:	Transmit at BLE_1M Channel 19	Voltage:	DC 3.7V
Environment:	Temp: 22.1°C; Humi: 52%	Test Date:	2025-09-30

Test Graph



Suspected Data List

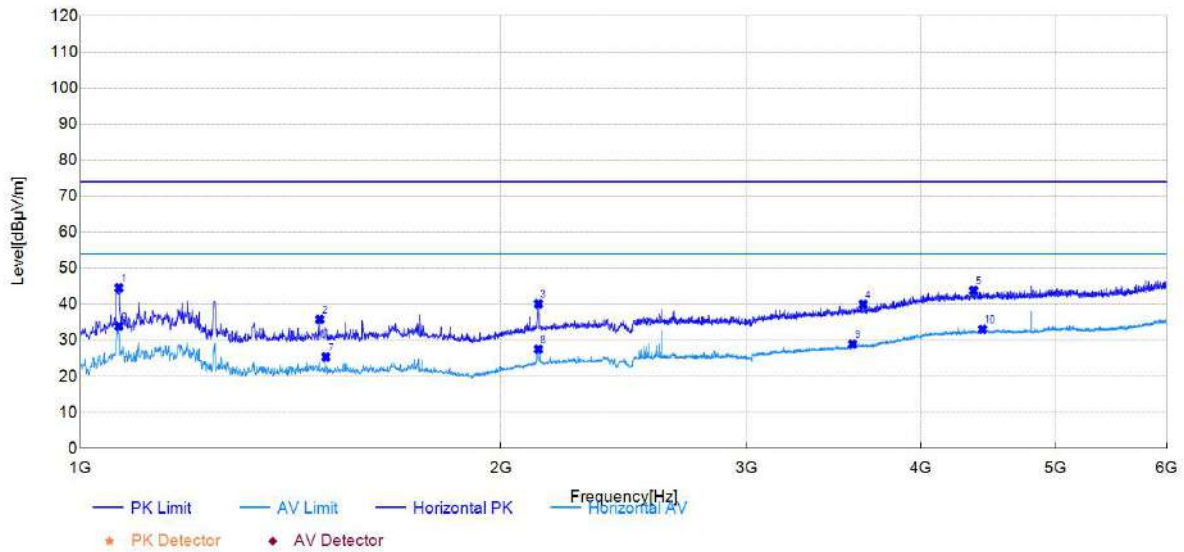
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	1248.00	64.83	42.60	-22.23	74.00	31.40	200	0	PK	Vertical	PASS
2	2129.00	60.86	43.56	-17.30	74.00	30.44	100	122	PK	Vertical	PASS
3	3478.00	52.54	40.85	-11.69	74.00	33.15	100	334	PK	Vertical	PASS
4	4250.00	57.11	49.31	-7.80	74.00	24.69	100	77	PK	Vertical	PASS
5	5159.00	51.56	44.91	-6.65	74.00	29.09	100	352	PK	Vertical	PASS
6	1249.00	52.93	30.71	-22.22	54.00	23.29	200	0	AV	Vertical	PASS
7	2130.00	48.76	31.46	-17.30	54.00	22.54	100	122	AV	Vertical	PASS
8	3345.00	42.40	30.04	-12.36	54.00	23.96	100	181	AV	Vertical	PASS
9	4250.00	43.96	36.16	-7.80	54.00	17.84	100	77	AV	Vertical	PASS
10	5146.00	40.32	33.68	-6.64	54.00	20.32	100	141	AV	Vertical	PASS

Note 1: 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 ~ 26.5GHz), therefore no data appear in the report.

1GHz – 6GHz Test Data

EUT:	Digital Shield Wallet	Polarity:	Horizontal
Model:	Digital Shield Pro	Test Engineer:	Chuang Li
Mode:	Transmit at BLE_1M Channel 39	Voltage:	DC 3.7V
Environment:	Temp: 22.1°C; Humi: 52%	Test Date:	2025-09-30

Test Graph



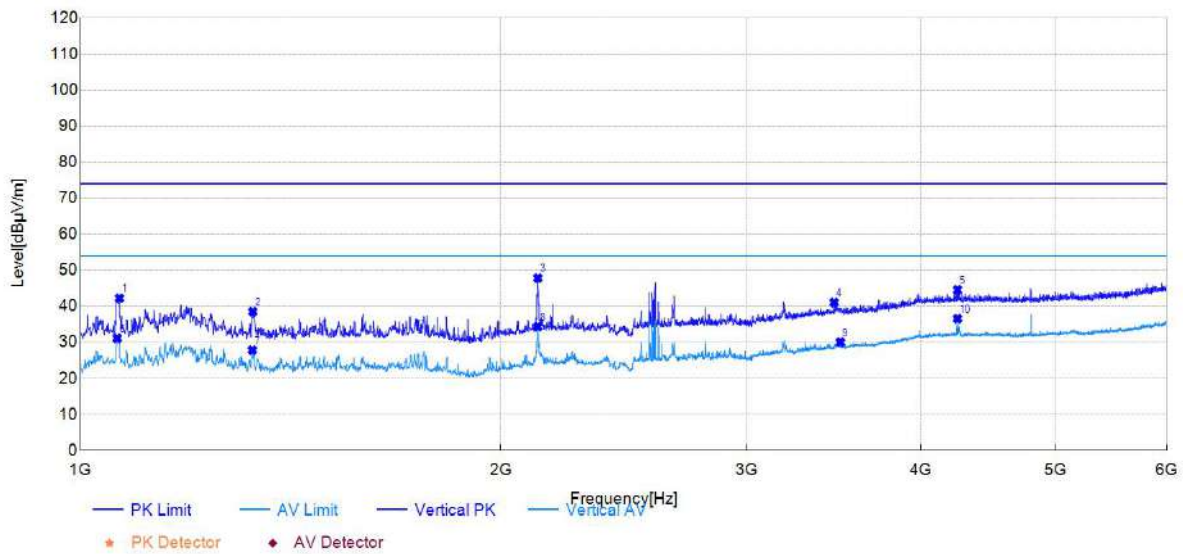
Suspected Data List

NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	1065.00	68.54	44.55	-23.99	74.00	29.45	100	56	PK	Horizontal	PASS
2	1484.00	57.64	35.82	-21.82	74.00	38.18	100	104	PK	Horizontal	PASS
3	2128.00	57.65	40.13	-17.52	74.00	33.87	200	302	PK	Horizontal	PASS
4	3637.00	51.32	39.98	-11.34	74.00	34.02	100	40	PK	Horizontal	PASS
5	4366.00	51.35	43.82	-7.53	74.00	30.18	100	226	PK	Horizontal	PASS
6	1065.00	57.93	33.94	-23.99	54.00	20.06	100	56	AV	Horizontal	PASS
7	1499.00	47.16	25.41	-21.75	54.00	28.59	100	71	AV	Horizontal	PASS
8	2128.00	45.05	27.53	-17.52	54.00	26.47	200	302	AV	Horizontal	PASS
9	3574.00	40.70	28.98	-11.72	54.00	25.02	200	218	AV	Horizontal	PASS
10	4431.00	40.50	33.07	-7.43	54.00	20.93	200	288	AV	Horizontal	PASS

Note 1: 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 ~ 26.5GHz), therefore no data appear in the report.

EUT:	Digital Shield Wallet	Polarity:	Vertical
Model:	Digital Shield Pro	Test Engineer:	Chuang Li
Mode:	Transmit at BLE_1M Channel 39	Voltage:	DC 3.7V
Environment:	Temp: 22.1°C; Humi: 52%	Test Date:	2025-09-30

Test Graph



Suspected Data List

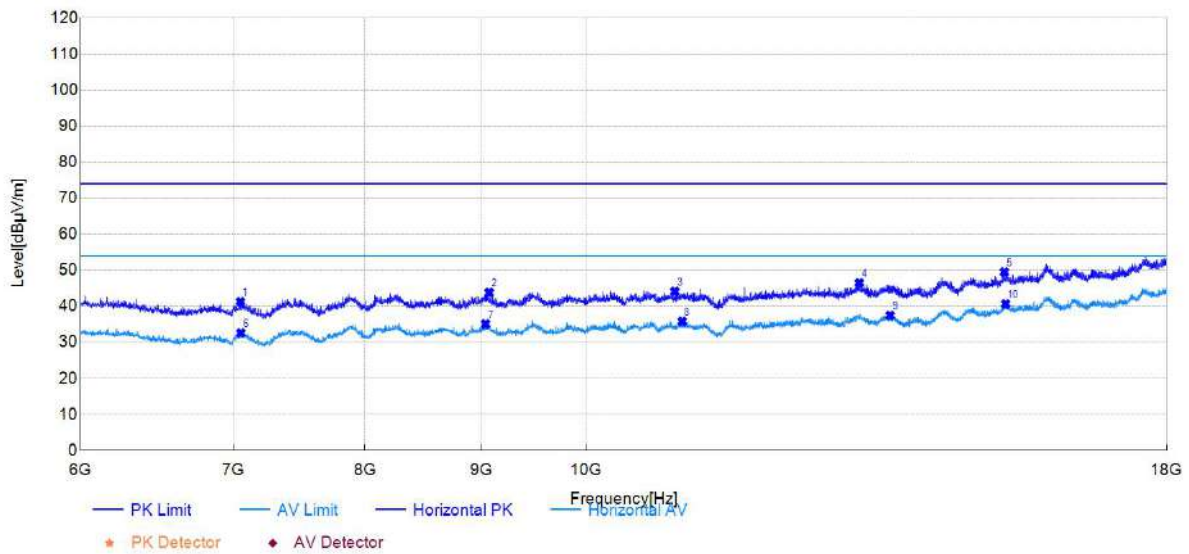
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	1066.00	65.17	42.24	-22.93	74.00	31.76	200	105	PK	Vertical	PASS
2	1328.00	60.35	38.56	-21.79	74.00	35.44	100	76	PK	Vertical	PASS
3	2126.00	65.17	47.86	-17.31	74.00	26.14	100	118	PK	Vertical	PASS
4	3467.00	52.81	41.06	-11.75	74.00	32.94	100	76	PK	Vertical	PASS
5	4252.00	52.34	44.55	-7.79	74.00	29.45	100	148	PK	Vertical	PASS
6	1062.00	54.07	31.14	-22.93	54.00	22.86	200	139	AV	Vertical	PASS
7	1327.00	49.64	27.84	-21.80	54.00	26.16	100	88	AV	Vertical	PASS
8	2126.00	51.66	34.35	-17.31	54.00	19.65	100	118	AV	Vertical	PASS
9	3503.00	41.58	30.04	-11.54	54.00	23.96	100	73	AV	Vertical	PASS
10	4252.00	44.36	36.57	-7.79	54.00	17.43	100	148	AV	Vertical	PASS

Note 1: 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 ~ 26.5GHz), therefore no data appear in the report.

6GHz – 18GHz Test Data

EUT:	Digital Shield Wallet	Polarity:	Horizontal
Model:	Digital Shield Pro	Test Engineer:	Chuang Li
Mode:	Transmit at BLE_1M Channel 00	Voltage:	DC 3.7V
Environment:	Temp: 22.1°C; Humi: 52%	Test Date:	2025-09-30

Test Graph



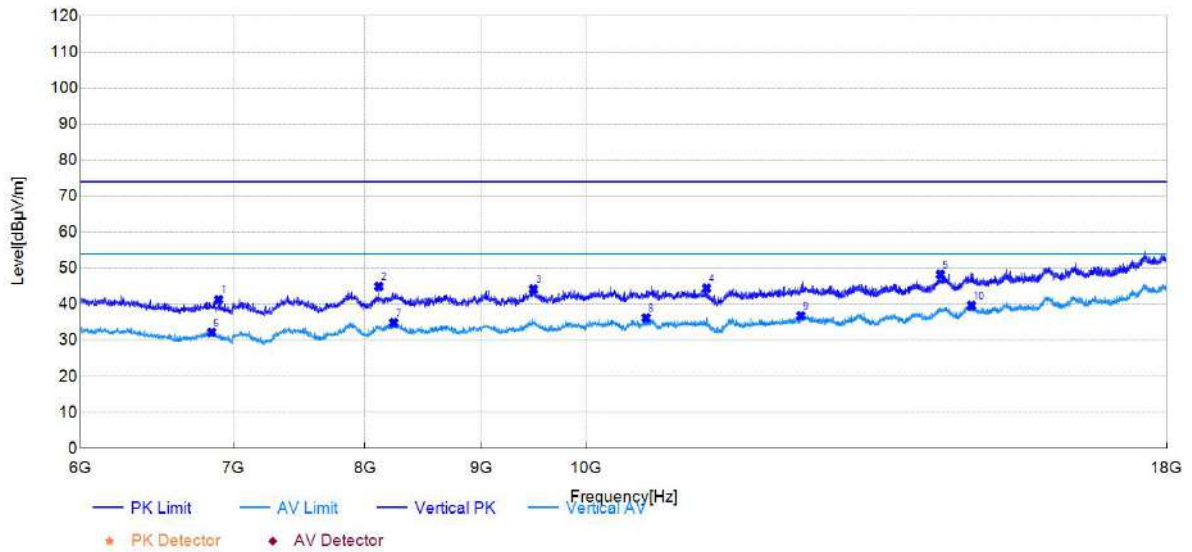
Suspected Data List

NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	7051.50	45.78	41.25	-4.53	74.00	32.75	150	76	PK	Horizontal	PASS
2	9070.50	44.59	43.81	-0.78	74.00	30.19	150	272	PK	Horizontal	PASS
3	10947.00	43.01	44.14	1.13	74.00	29.86	150	318	PK	Horizontal	PASS
4	13191.00	43.11	46.51	3.40	74.00	27.49	100	129	PK	Horizontal	PASS
5	15280.50	42.54	49.49	6.95	74.00	24.51	100	313	PK	Horizontal	PASS
6	7054.50	37.13	32.62	-4.51	54.00	21.38	150	1	AV	Horizontal	PASS
7	9037.50	35.85	35.08	-0.77	54.00	18.92	100	310	AV	Horizontal	PASS
8	11029.50	34.70	35.82	1.12	54.00	18.18	150	201	AV	Horizontal	PASS
9	13608.00	34.37	37.46	3.09	54.00	16.54	150	76	AV	Horizontal	PASS
10	15300.00	33.36	40.65	7.29	54.00	13.35	100	161	AV	Horizontal	PASS

Note 1: 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 ~ 26.5GHz), therefore no data appear in the report.

EUT:	Digital Shield Wallet	Polarity:	Vertical
Model:	Digital Shield Pro	Test Engineer:	Chuang Li
Mode:	Transmit at BLE_1M Channel 00	Voltage:	DC 3.7V
Environment:	Temp: 22.1°C; Humi: 52%	Test Date:	2025-09-30

Test Graph



Suspected Data List

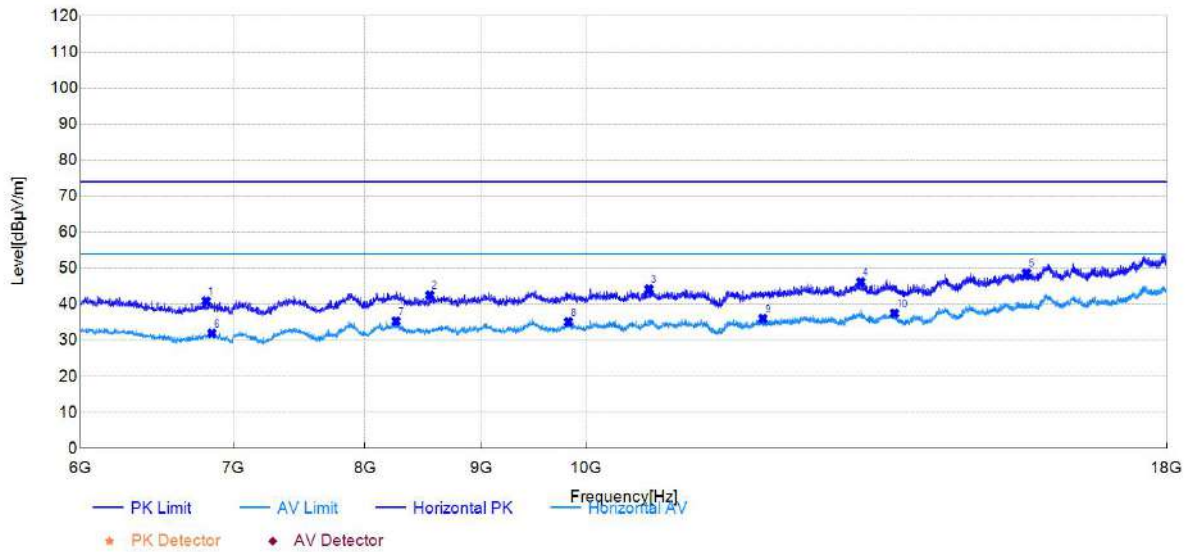
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	6897.00	45.61	41.27	-4.34	74.00	32.73	150	316	PK	Vertical	PASS
2	8113.50	46.01	44.93	-1.08	74.00	29.07	150	304	PK	Vertical	PASS
3	9484.50	44.27	44.20	-0.07	74.00	29.80	100	220	PK	Vertical	PASS
4	11304.00	43.33	44.44	1.11	74.00	29.56	100	178	PK	Vertical	PASS
5	14323.50	42.87	48.26	5.39	74.00	25.74	100	99	PK	Vertical	PASS
6	6849.00	36.78	32.22	-4.56	54.00	21.78	100	174	AV	Vertical	PASS
7	8236.50	36.23	34.88	-1.35	54.00	19.12	150	105	AV	Vertical	PASS
8	10633.50	35.32	36.22	0.90	54.00	17.78	150	300	AV	Vertical	PASS
9	12433.50	34.40	36.83	2.43	54.00	17.17	100	280	AV	Vertical	PASS
10	14779.50	34.03	39.66	5.63	54.00	14.34	100	157	AV	Vertical	PASS

Note 1: 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 ~ 26.5GHz), therefore no data appear in the report.

6GHz – 18GHz Test Data

EUT:	Digital Shield Wallet	Polarity:	Horizontal
Model:	Digital Shield Pro	Test Engineer:	Chuang Li
Mode:	Transmit at BLE_1M Channel 19	Voltage:	DC 3.7V
Environment:	Temp: 22.1°C; Humi: 52%	Test Date:	2025-09-30

Test Graph



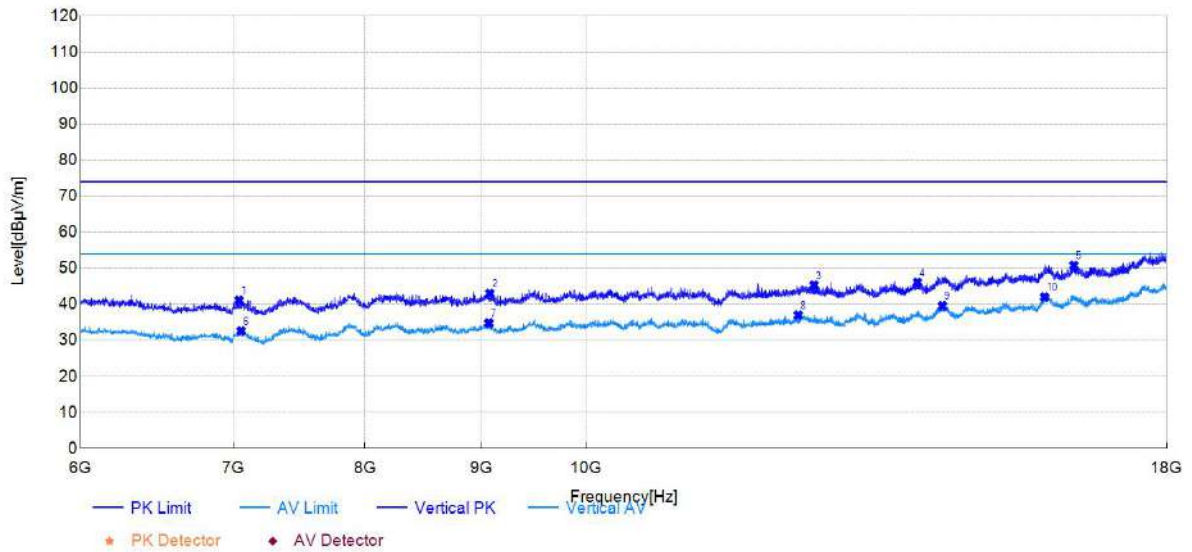
Suspected Data List

NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	6811.50	45.71	40.86	-4.85	74.00	33.14	150	72	PK	Horizontal	PASS
2	8542.50	44.01	42.54	-1.47	74.00	31.46	100	78	PK	Horizontal	PASS
3	10665.00	43.63	44.20	0.57	74.00	29.80	100	263	PK	Horizontal	PASS
4	13210.50	42.84	46.21	3.37	74.00	27.79	150	211	PK	Horizontal	PASS
5	15625.50	41.58	48.62	7.04	74.00	25.38	100	109	PK	Horizontal	PASS
6	6850.50	36.60	31.95	-4.65	54.00	22.05	100	81	AV	Horizontal	PASS
7	8256.00	36.59	35.30	-1.29	54.00	18.70	150	134	AV	Horizontal	PASS
8	9826.50	35.40	35.11	-0.29	54.00	18.89	100	240	AV	Horizontal	PASS
9	11965.50	34.67	36.03	1.36	54.00	17.97	150	115	AV	Horizontal	PASS
10	13668.00	34.32	37.50	3.18	54.00	16.50	100	143	AV	Horizontal	PASS

Note 1: 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 ~ 26.5GHz), therefore no data appear in the report.

EUT:	Digital Shield Wallet	Polarity:	Vertical
Model:	Digital Shield Pro	Test Engineer:	Chuang Li
Mode:	Transmit at BLE_1M Channel 19	Voltage:	DC 3.7V
Environment:	Temp: 22.1°C; Humi: 52%	Test Date:	2025-09-30

Test Graph



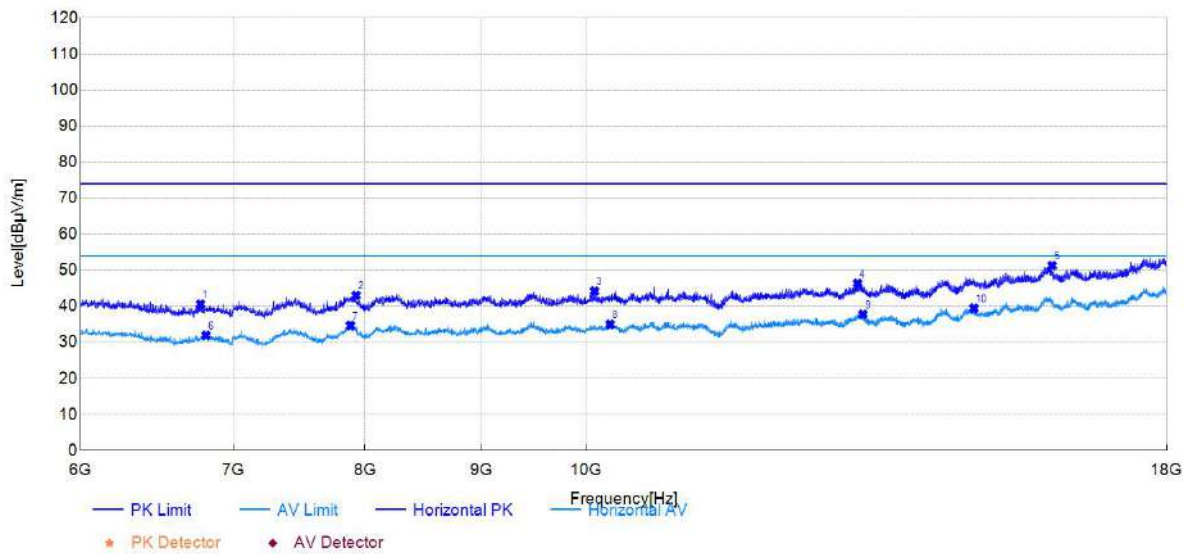
Suspected Data List											
NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	7041.00	45.69	41.10	-4.59	74.00	32.90	150	23	PK	Vertical	PASS
2	9076.50	43.82	43.05	-0.77	74.00	30.95	100	130	PK	Vertical	PASS
3	12600.00	43.04	45.29	2.25	74.00	28.71	150	283	PK	Vertical	PASS
4	13993.50	42.27	46.08	3.81	74.00	27.92	100	249	PK	Vertical	PASS
5	16392.00	41.08	50.77	9.69	74.00	23.23	100	123	PK	Vertical	PASS
6	7056.00	37.14	32.64	-4.50	54.00	21.36	100	111	AV	Vertical	PASS
7	9067.50	35.57	34.79	-0.78	54.00	19.21	100	80	AV	Vertical	PASS
8	12400.50	34.63	37.00	2.37	54.00	17.00	100	304	AV	Vertical	PASS
9	14353.50	34.10	39.57	5.47	54.00	14.43	150	352	AV	Vertical	PASS
10	15913.50	32.71	42.00	9.29	54.00	12.00	100	261	AV	Vertical	PASS

Note 1: 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 ~ 26.5GHz), therefore no data appear in the report.

6GHz – 18GHz Test Data

EUT:	Digital Shield Wallet	Polarity:	Horizontal
Model:	Digital Shield Pro	Test Engineer:	Chuang Li
Mode:	Transmit at BLE_1M Channel 39	Voltage:	DC 3.7V
Environment:	Temp: 22.1°C; Humi: 52%	Test Date:	2025-09-30

Test Graph



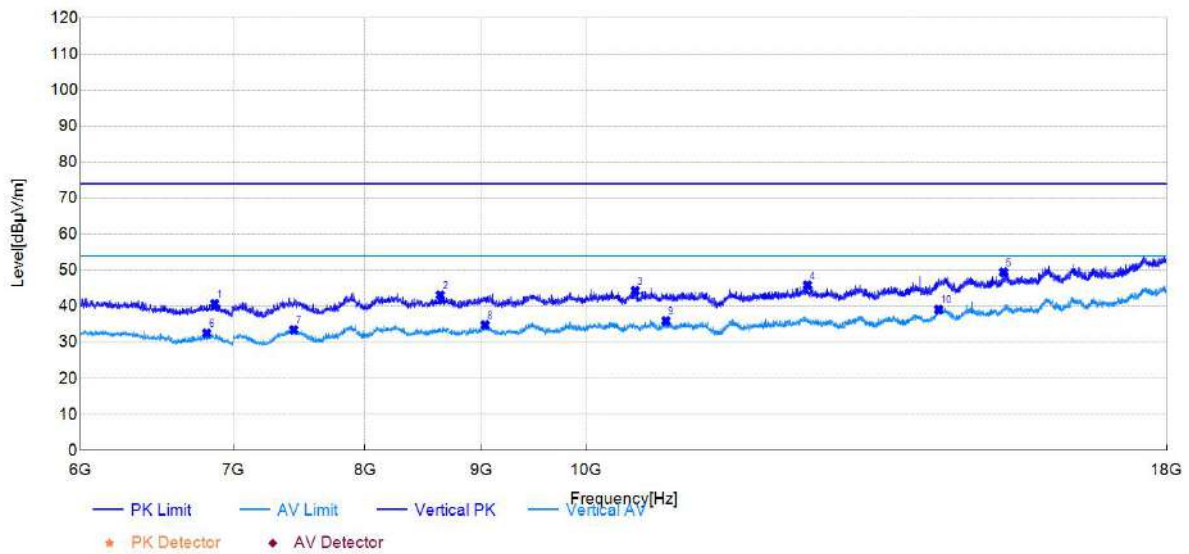
Suspected Data List

NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	6772.50	45.72	40.57	-5.15	74.00	33.43	150	335	PK	Horizontal	PASS
2	7929.00	44.16	43.04	-1.12	74.00	30.96	100	19	PK	Horizontal	PASS
3	10089.00	44.25	44.20	-0.05	74.00	29.80	150	189	PK	Horizontal	PASS
4	13167.00	43.09	46.35	3.26	74.00	27.65	150	6	PK	Horizontal	PASS
5	16036.50	42.09	51.28	9.19	74.00	22.72	150	272	PK	Horizontal	PASS
6	6810.00	36.80	31.94	-4.86	54.00	22.06	150	244	AV	Horizontal	PASS
7	7884.00	35.98	34.68	-1.30	54.00	19.32	150	115	AV	Horizontal	PASS
8	10254.00	34.97	34.97	0.00	54.00	19.03	150	166	AV	Horizontal	PASS
9	13239.00	34.67	37.80	3.13	54.00	16.20	100	333	AV	Horizontal	PASS
10	14817.00	34.10	39.45	5.35	54.00	14.55	150	84	AV	Horizontal	PASS

Note 1: 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 ~ 26.5GHz), therefore no data appear in the report.

EUT:	Digital Shield Wallet	Polarity:	Vertical
Model:	Digital Shield Pro	Test Engineer:	Chuang Li
Mode:	Transmit at BLE_1M Channel 39	Voltage:	DC 3.7V
Environment:	Temp: 22.1°C; Humi: 52%	Test Date:	2025-09-30

Test Graph



Suspected Data List

NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	6870.00	45.17	40.71	-4.46	74.00	33.29	150	96	PK	Vertical	PASS
2	8632.50	44.36	43.13	-1.23	74.00	30.87	100	161	PK	Vertical	PASS
3	10518.00	43.16	44.30	1.14	74.00	29.70	100	204	PK	Vertical	PASS
4	12517.50	43.36	45.86	2.50	74.00	28.14	150	22	PK	Vertical	PASS
5	15267.00	42.91	49.46	6.55	74.00	24.54	150	69	PK	Vertical	PASS
6	6814.50	37.27	32.55	-4.72	54.00	21.45	100	310	AV	Vertical	PASS
7	7444.50	36.35	33.49	-2.86	54.00	20.51	150	10	AV	Vertical	PASS
8	9033.00	35.58	34.81	-0.77	54.00	19.19	150	264	AV	Vertical	PASS
9	10849.50	35.02	35.94	0.92	54.00	18.06	100	228	AV	Vertical	PASS
10	14298.00	33.79	39.09	5.30	54.00	14.91	100	216	AV	Vertical	PASS

Note 1: 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 ~ 26.5GHz), therefore no data appear in the report.

7.7. 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	--	--	--

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

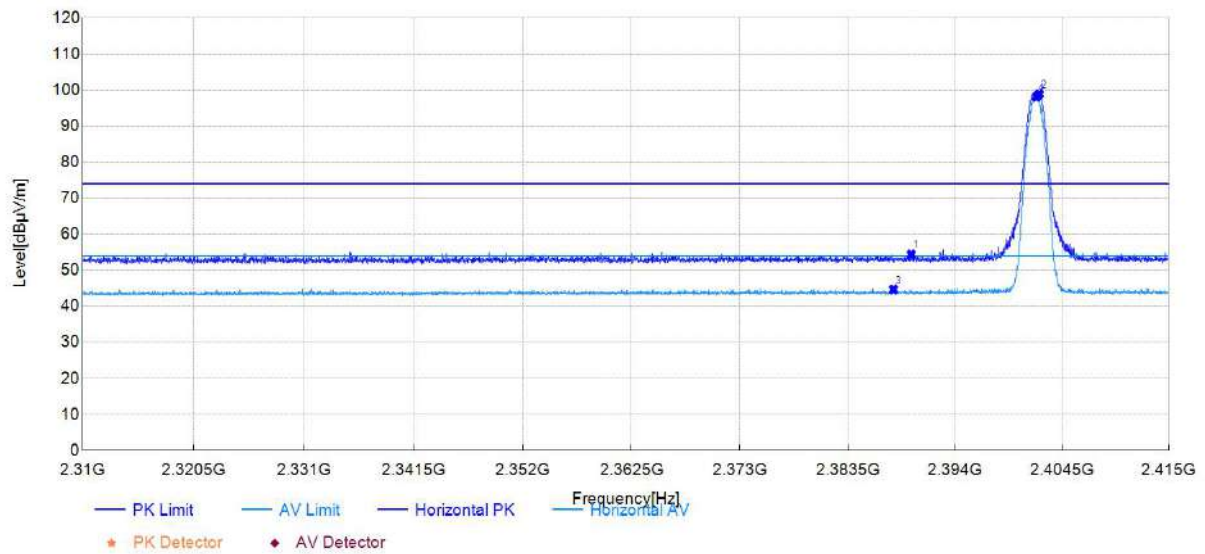


7.7.5. Test Result

BLE_1M

Test Mode:	BLE_1M	Test Date:	2025-09-30
Test Channel:	2402	Test Engineer:	Chuang Li
Remark:	/		

Test Graph

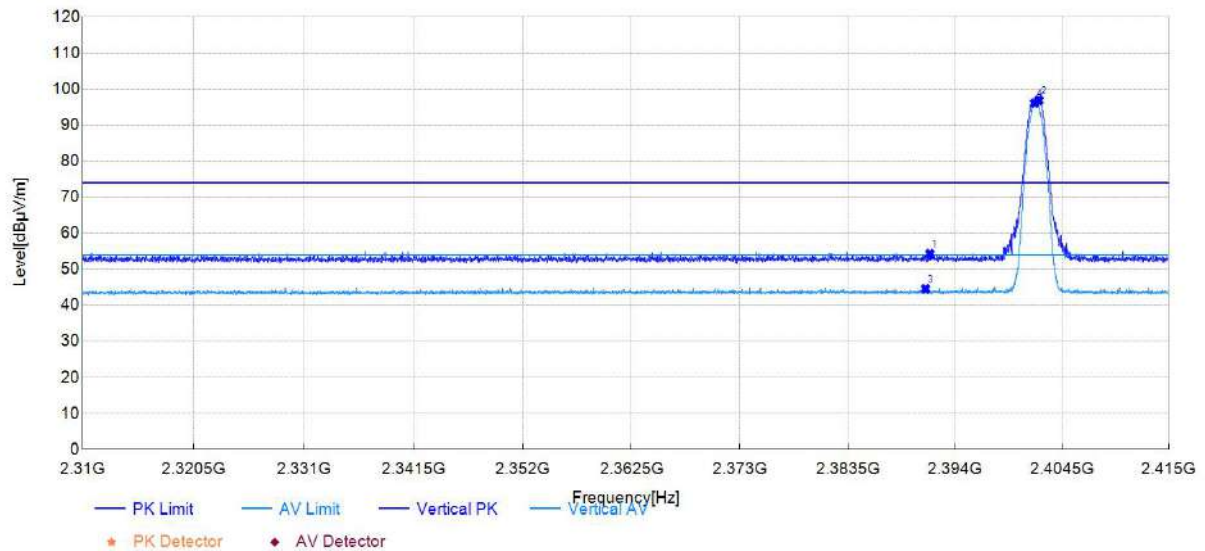


Suspected Data List

NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	2389.69	18.93	54.42	35.49	74.00	19.58	150	18	PK	Horizontal	PASS
2	2402.27	63.37	98.86	35.49	74.00	-24.86	150	44	PK	Horizontal	N/A
3	2387.96	9.18	44.67	35.49	54.00	9.33	150	174	AV	Horizontal	PASS
4	2402.00	62.69	98.17	35.48	54.00	-44.17	150	44	AV	Horizontal	N/A

Test Mode:	BLE_1M	Test Date:	2025-09-30
Test Channel:	2402	Test Engineer:	Chuang Li
Remark:	/		

Test Graph

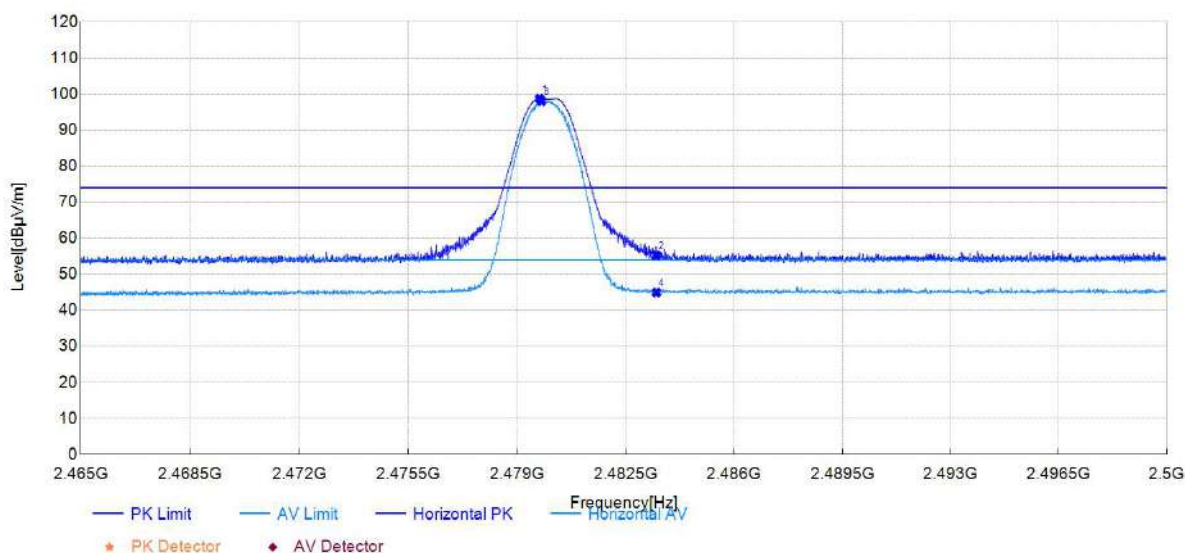


Suspected Data List

NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	2391.55	18.95	54.28	35.33	74.00	19.72	150	256	PK	Vertical	PASS
2	2402.24	61.57	96.89	35.32	74.00	-22.89	150	104	PK	Vertical	N/A
3	2391.13	9.22	44.55	35.33	54.00	9.45	150	37	AV	Vertical	PASS
4	2401.82	60.82	96.13	35.31	54.00	-42.13	150	100	AV	Vertical	N/A

Test Mode:	BLE_1M	Test Date:	2025-09-30
Test Channel:	2480	Test Engineer:	Chuang Li
Remark:	/		

Test Graph

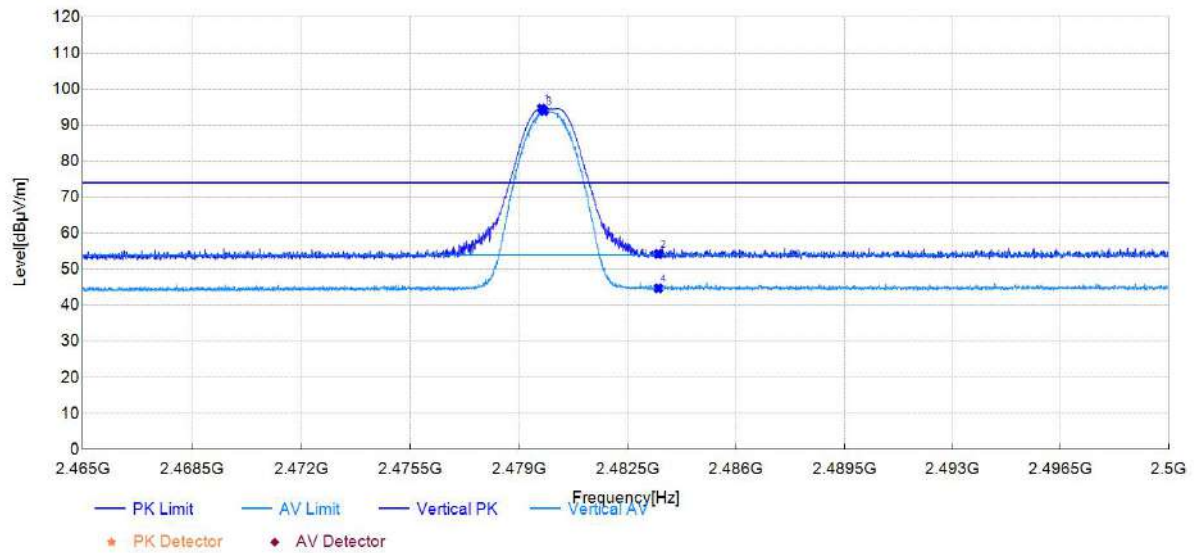


Suspected Data List

NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	2479.73	62.47	98.73	36.26	74.00	-24.73	150	40	PK	Horizontal	N/A
2	2483.50	18.97	55.26	36.29	74.00	18.74	150	115	PK	Horizontal	PASS
3	2479.79	61.82	98.08	36.26	54.00	-44.08	150	40	AV	Horizontal	N/A
4	2483.50	8.64	44.93	36.29	54.00	9.07	150	0	AV	Horizontal	PASS

Test Mode:	BLE_1M	Test Date:	2025-09-30
Test Channel:	2480	Test Engineer:	Chuang Li
Remark:	/		

Test Graph



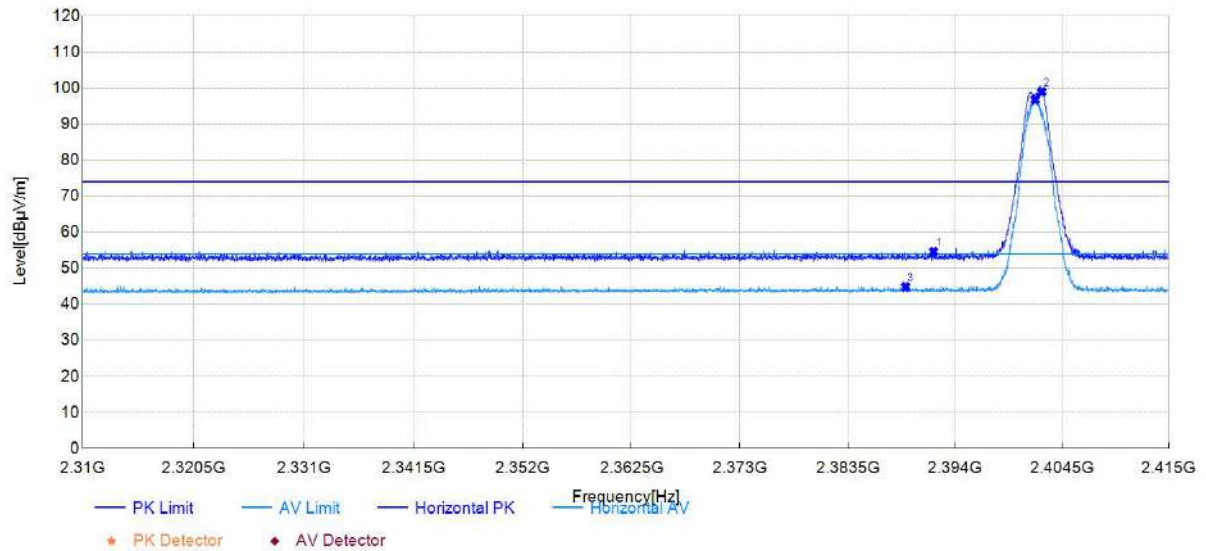
Suspected Data List

NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	2479.73	58.68	94.67	35.99	74.00	-20.67	150	77	PK	Vertical	N/A
2	2483.50	18.25	54.26	36.01	74.00	19.74	150	176	PK	Vertical	PASS
3	2479.81	57.97	93.96	35.99	54.00	-39.96	150	80	AV	Vertical	N/A
4	2483.50	8.71	44.72	36.01	54.00	9.28	150	293	AV	Vertical	PASS

BLE_2M

Test Mode:	BLE_2M	Test Date:	2025-09-30
Test Channel:	2402	Test Engineer:	Chuang Li
Remark:	/		

Test Graph

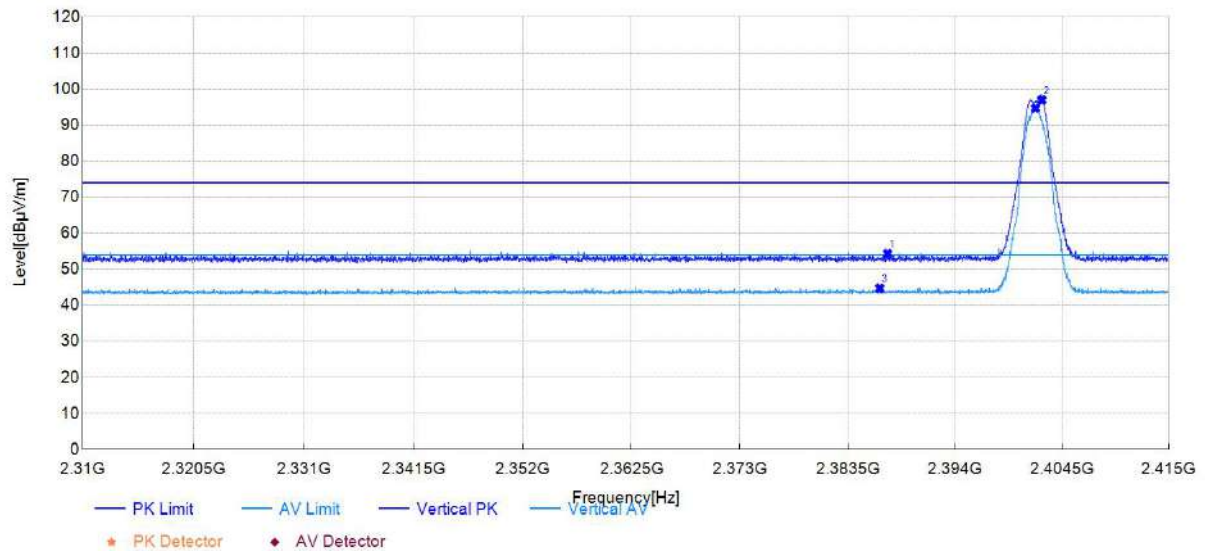


Suspected Data List

NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	2391.92	19.12	54.60	35.48	74.00	19.40	150	240	PK	Horizontal	PASS
2	2402.53	63.45	98.94	35.49	74.00	-24.94	150	43	PK	Horizontal	N/A
3	2389.14	9.35	44.83	35.48	54.00	9.17	150	81	AV	Horizontal	PASS
4	2401.87	61.35	96.82	35.47	54.00	-42.82	150	43	AV	Horizontal	N/A

Test Mode:	BLE_2M	Test Date:	2025-09-30
Test Channel:	2402	Test Engineer:	Chuang Li
Remark:	/		

Test Graph

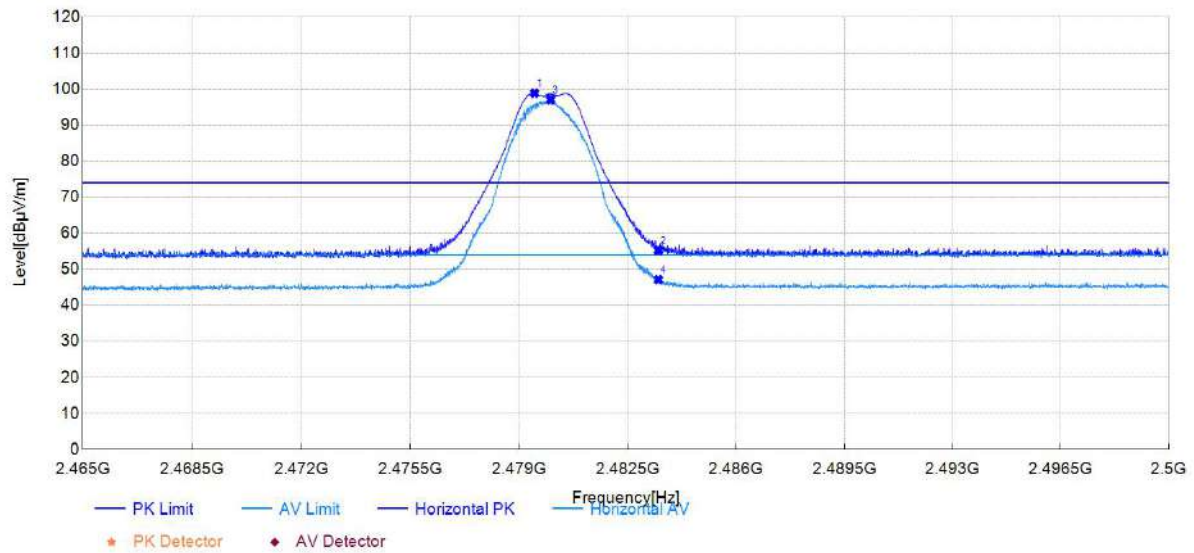


Suspected Data List

NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	2387.38	18.96	54.31	35.35	74.00	19.69	150	45	PK	Vertical	PASS
2	2402.53	61.67	96.99	35.32	74.00	-22.99	150	103	PK	Vertical	N/A
3	2386.62	9.36	44.71	35.35	54.00	9.29	150	66	AV	Vertical	PASS
4	2401.90	59.38	94.69	35.31	54.00	-40.69	150	103	AV	Vertical	N/A

Test Mode:	BLE_2M	Test Date:	2025-09-30
Test Channel:	2480	Test Engineer:	Chuang Li
Remark:	/		

Test Graph

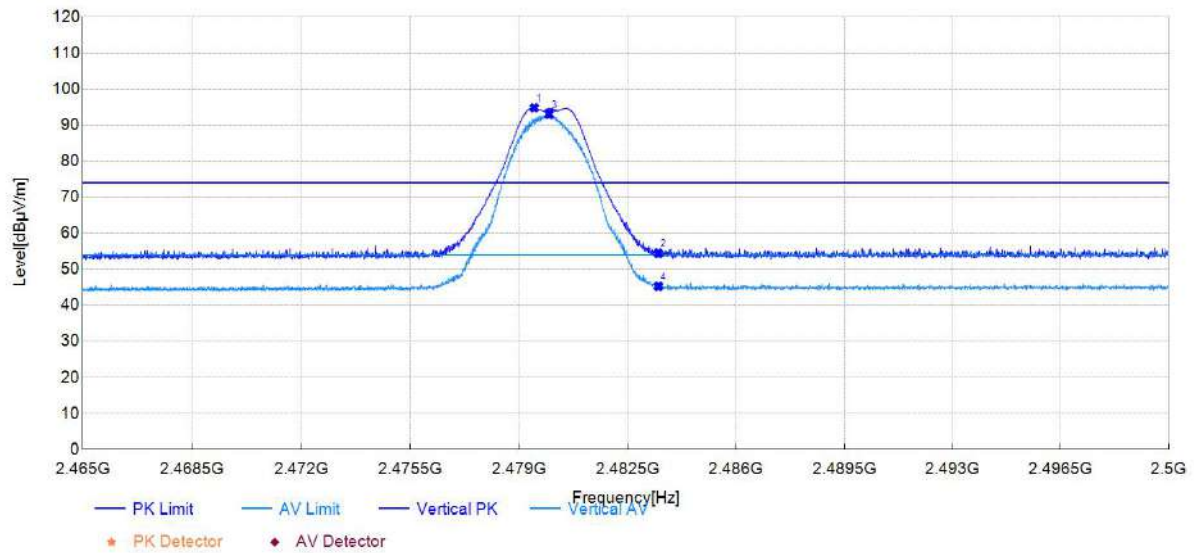


Suspected Data List

NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	2479.50	62.59	98.84	36.25	74.00	-24.84	150	40	PK	Horizontal	N/A
2	2483.50	18.96	55.25	36.29	74.00	18.75	150	10	PK	Horizontal	PASS
3	2480.02	60.84	97.10	36.26	54.00	-43.10	150	43	AV	Horizontal	N/A
4	2483.50	10.85	47.14	36.29	54.00	6.86	150	322	AV	Horizontal	PASS

Test Mode:	BLE_2M	Test Date:	2025-09-30
Test Channel:	2480	Test Engineer:	Chuang Li
Remark:	/		

Test Graph



Suspected Data List

NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Polarity	Verdict
1	2479.49	58.82	94.80	35.98	74.00	-20.80	150	75	PK	Vertical	N/A
2	2483.50	18.43	54.44	36.01	74.00	19.56	150	125	PK	Vertical	PASS
3	2479.97	57.06	93.05	35.99	54.00	-39.05	150	72	AV	Vertical	N/A
4	2483.50	9.29	45.30	36.01	54.00	8.70	150	79	AV	Vertical	PASS

7.8. AC Conducted Emissions Measurement

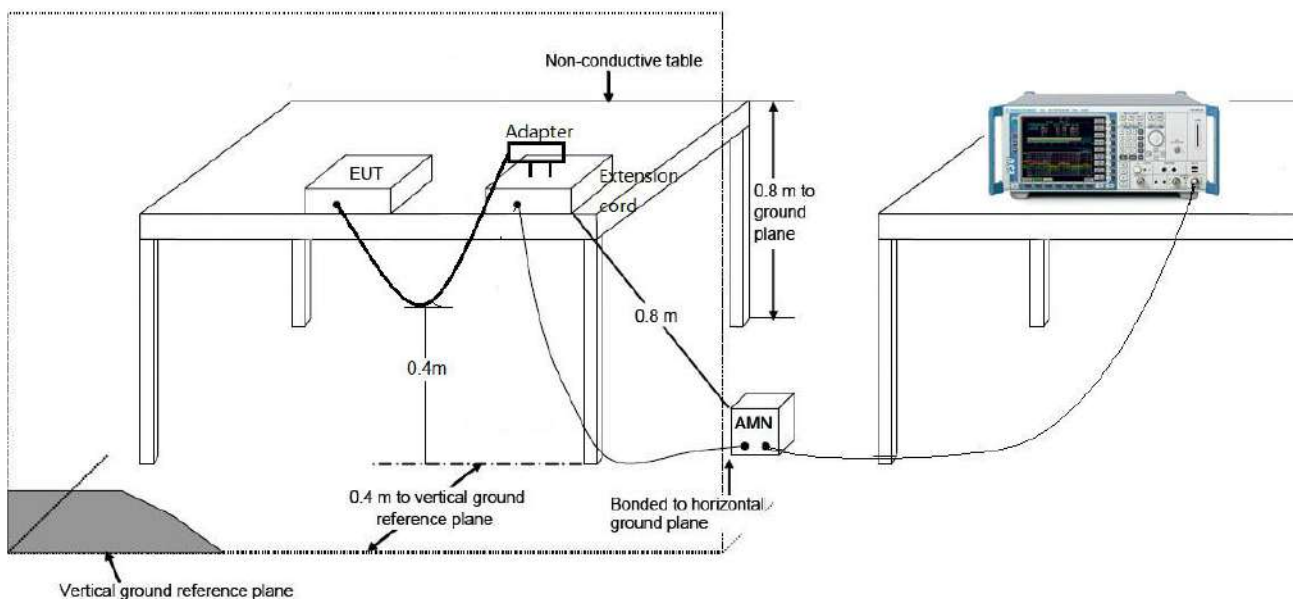
7.8.1. Test Limit

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.

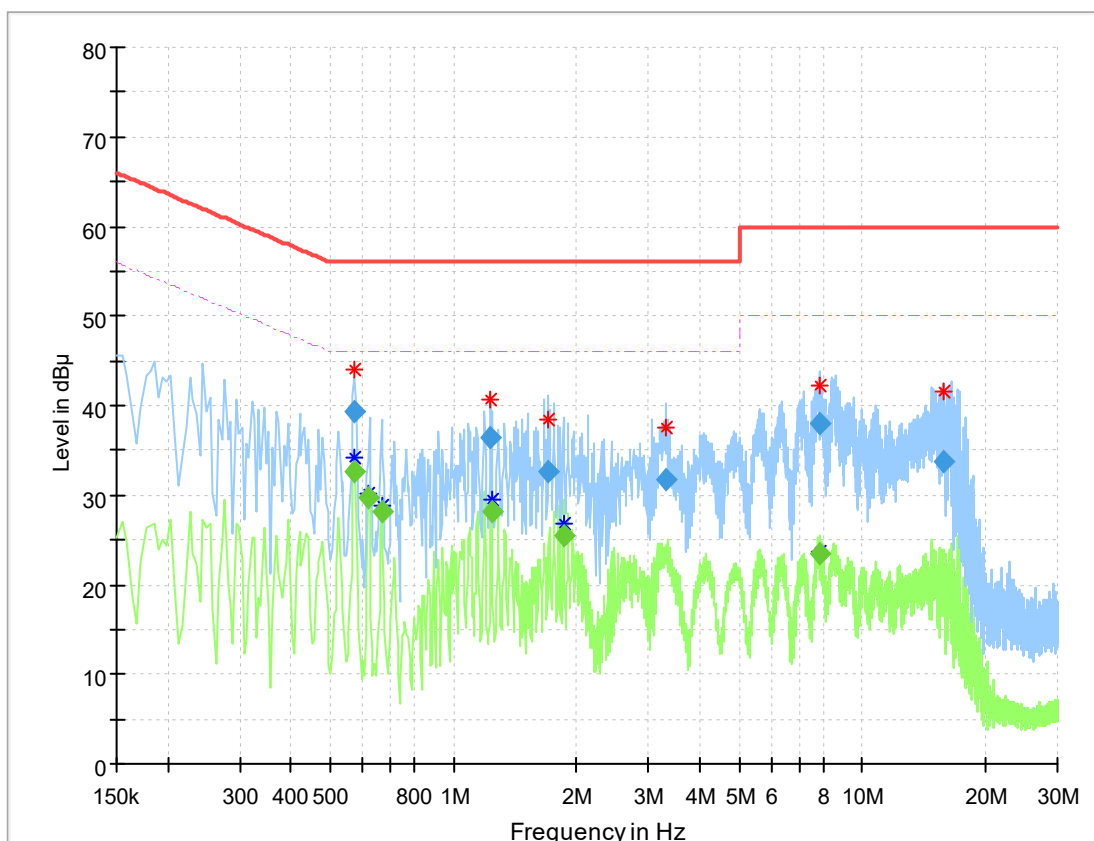
Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

7.8.2. Test Setup



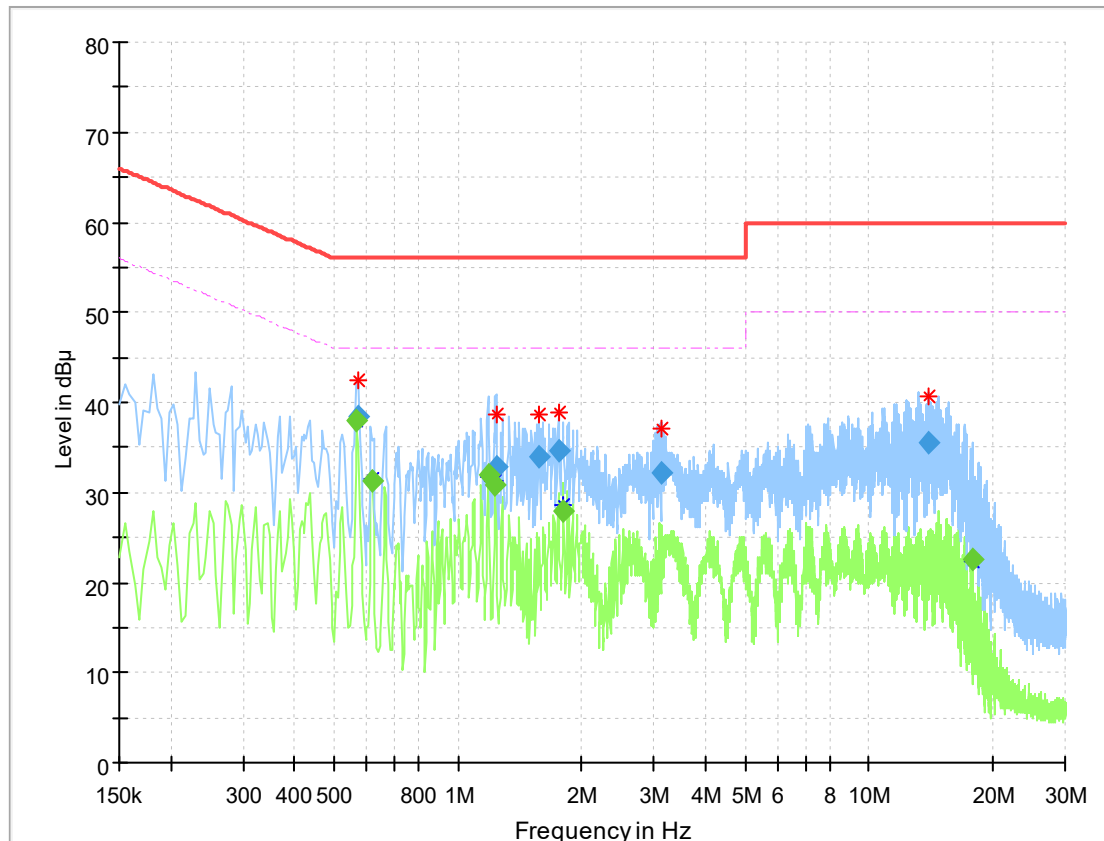
7.8.3. Test Result

EUT:	Digital Shield Wallet	Polarity:	LINE
Model:	Digital Shield Pro	Environment:	Temp: 26.1℃; Humi: 46%
Voltage:	120V/60Hz	Engineer:	Hongyuan Wang



Frequency (MHz)	QuasiPeak (dBuV)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Meas. Time	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.573000	---	32.67	46.00	13.33	100.0	9.000	L1	ON	9.6
0.573000	39.29	---	56.00	16.71	100.0	9.000	L1	ON	9.6
0.618000	---	29.83	46.00	16.17	100.0	9.000	L1	ON	9.6
0.667500	---	28.20	46.00	17.80	100.0	9.000	L1	ON	9.6
1.234500	36.46	---	56.00	19.54	100.0	9.000	L1	ON	9.6
1.239000	---	28.17	46.00	17.83	100.0	9.000	L1	ON	9.6
1.707000	32.73	---	56.00	23.27	100.0	9.000	L1	ON	9.6
1.860000	---	25.38	46.00	20.62	100.0	9.000	L1	ON	9.6
3.304500	31.78	---	56.00	24.22	100.0	9.000	L1	ON	9.6
7.840500	37.94	---	60.00	22.06	100.0	9.000	L1	ON	9.7
7.840500	---	23.40	50.00	26.60	100.0	9.000	L1	ON	9.7
15.796500	33.71	---	60.00	26.29	100.0	9.000	L1	ON	9.7

EUT:	Digital Shield Wallet	Polarity:	NEUTRAL
Model:	Digital Shield Pro	Environment:	Temp: 26.1℃; Humi: 46%
Voltage:	120V/60Hz	Engineer:	Hongyuan Wang



Frequency (MHz)	QuasiPeak (dBuV)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Meas. Time	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.568500	---	38.00	46.00	8.00	100.0	9.000	N	ON	9.6
0.573000	38.42	---	56.00	17.58	100.0	9.000	N	ON	9.6
0.618000	---	31.21	46.00	14.79	100.0	9.000	N	ON	9.6
1.185000	---	31.86	46.00	14.14	100.0	9.000	N	ON	9.6
1.234500	---	30.85	46.00	15.15	100.0	9.000	N	ON	9.6
1.239000	32.92	---	56.00	23.08	100.0	9.000	N	ON	9.6
1.572000	33.96	---	56.00	22.04	100.0	9.000	N	ON	9.6
1.756500	34.75	---	56.00	21.25	100.0	9.000	N	ON	9.6
1.806000	---	27.89	46.00	18.11	100.0	9.000	N	ON	9.6
3.124500	32.16	---	56.00	23.84	100.0	9.000	N	ON	9.6
13.938000	35.49	---	60.00	24.51	100.0	9.000	N	ON	9.8
17.898000	---	22.47	50.00	27.53	100.0	9.000	N	ON	9.8

8. CONCLUSION

The data collected relate only the item(s) tested and show that the **Digital Shield Wallet (Model: Digital Shield Pro)** is in 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. Information about laboratory sites involved in our company:

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

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