

FCC 47 CFR Part 15 Subpart B, ICES-003 Issue 7

TEST REPORT

For

Square Register

FCC MODEL NUMBER: SPS2-01

ISED MODEL NUMBER: SPS2-01

REPORT NUMBER: 4791923606-4-EMC-7

ISSUE DATE: November 7, 2025

Prepared for

**FCC : Block, Inc.
1955 Broadway, Suite. 600, Oakland, CA 94612, US**

**IC : Block, Canada, Inc.
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Prepared by

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Revision History

Rev.	Issue Date	Revisions	Revised By
V0	November 7, 2025	Initial Issue	

Summary of Test Results

Emission			
Standard	Test Item	Limit	Result
FCC 47 CFR Part 15 Subpart B, ICES-003 Issue 7	Conducted emissions	FCC Part 15.107 ICES-003 Issue 7, Section 3.2.1	Pass (NOTE 1)
	Radiated emissions below 1GHz	FCC Part 15.109 ICES-003 Issue 7, Section 3.2.2	Pass
	Radiated emissions above 1GHz	FCC Part 15.109 ICES-003 Issue 7, Section 3.2.2	Pass (NOTE 2)

Note:

1. This test is only applicable for devices which can be charged or powered by AC main power cable.
2. If the highest frequency of the internal sources of the EUT is less than 108 MHz, the measurement shall only be made up to 1 GHz; If the highest frequency of the internal sources of the EUT is between 108 MHz and 500 MHz, the measurement shall only be made up to 2 GHz; If the highest frequency of the internal sources of the EUT is between 500 MHz and 1 GHz, measurement shall only be made up to 5 GHz; If the highest frequency of the internal sources of the EUT is above 1 GHz, the measurement shall be made up to 5 times the highest frequency or 40 GHz, whichever is less.

*This test report is only published to and used by the applicant, and it is not for evidence purpose in China.

*The measurement result for the sample received is <Pass> according to <FCC 47 CFR Part 15 Subpart B, ICES-003 Issue 7> when <Simple Acceptance> decision rule is applied.

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1. ATTESTATION OF TEST RESULTS

Applicant Information

FCC Company Name: Block, Inc.
Address: 1955 Broadway, Suite. 600, Oakland, CA 94612, US

IC Company Name: Block, Canada, Inc.
Address: 5000 Yonge Street, Toronto, ON, M2N7E9 Canada

Manufacturer Information

FCC Company Name: Block, Inc.
Address: 1955 Broadway, Suite. 600, Oakland, CA 94612, US

IC Company Name: Block, Canada, Inc.
Address: 5000 Yonge Street, Toronto, ON, M2N7E9 Canada

EUT Information

EUT Name: Square Register
FCC Model: SPS2-01
ISED Model: SPS2-01
Brand: Square
Sample Received Date: September 11, 2025
Sample Status: Normal
Sample ID: 8925678
Date of Tested: September 11, 2025 to October 30, 2025

APPLICABLE STANDARDS	
STANDARD	TEST RESULTS
FCC 47 CFR Part 15 Subpart B, ICES-003 Issue 7	Pass

Prepared By:



Wite Chen

Engineer Project Associate

Checked By:



Kebo zhang

Operations Leader

Approved By:



Stephen Guo

Operations Manager

2. TEST METHODOLOGY

All tests were performed in accordance with the standard FCC 47 CFR Part 15 Subpart B, ICES-003 Issue 7

3. FACILITIES AND ACCREDITATION

Accreditation Certificate	A2LA (Certificate No.: 4102.01) UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been assessed and proved to be in compliance with A2LA. FCC (FCC Designation No.: CN1187) UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. Has been recognized to perform compliance testing on equipment subject to the Commission's Declaration of Conformity (DoC) and Certification rules. ISED (Company No.: 21320) UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been registered and fully described in a report filed with ISED. The Company Number is 21320 and the test lab Conformity Assessment Body Identifier (CABID) is CN0046. VCCI (Registration No.: C-20202, G-20240, R-20248 and T-20202) UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been assessed and proved to be in compliance with VCCI, the Membership No. is 3793. Facility Name: Chamber E, the VCCI registration No. is G-20240 and R-20248 Shielding Room F, the VCCI registration No. is C-20202 and T-20202
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Note:

All tests measurement facilities use to collect the measurement data are located at Room 101, Building 2, No.4, Information Road, Songshan Lake, Dongguan, Guangdong, China.

4. CALIBRATION AND UNCERTAINTY

4.1. MEASURING INSTRUMENT CALIBRATION

The measuring equipment utilized to perform the tests documented in this report has been calibrated in accordance with the manufacturer's recommendations and is traceable to recognized national standards.

4.2. MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the apparatus:

Test Item	Measurement Frequency Range	K	U(dB)
Conducted emissions	0.15MHz - 30MHz	2	3.63
Radiated emissions below 1GHz	30MHz -1GHz	2	4.13
Radiated emissions above 1GHz	1GHz - 18GHz	2	5.64
Note1: This uncertainty represents an expanded uncertainty expressed at approximately the 95 % confidence level using a coverage factor of k=2.			
Note 2: According to the standard CISPR 16-4-2, the MU for the Conducted emissions from the AC mains power ports using AMN should not exceed 3.8 in range of 9kHz to 150kHz and 3.4 in range of 150kHz to 30MHz. We have considered the test results containing the value of U _{lab} (in dB) for the measurement instrumentation actually used for the measurements.			

5. EQUIPMENT UNDER TEST

5.1. DESCRIPTION OF EUT

EUT Name	Square Register
FCC Model:	SPS2-01
ISED Model:	SPS2-01
EUT Classification	Class B
Highest Internal Frequency	6GHz
Wireless Specifications	BT, BLE, 2.4G WIFI, 5G WIFI, NFC
Power Adapter(SWJ4-01)Ratings	Input:100-240V~, 50/60Hz, 1.2A
	Output:12.0Vdc, 4.0A, 48.0W

5.2. TEST MODE

Test Mode	Description
M01	Dock Running + 2.4G WIFI Data transmission + BT Playing + Headphone + HUB Connected to Receipt Printer, Cash drawer, Mouse, Keyboard and Barcode Scanner + NFC Running + Ethernet data transmission
M02	Dock Running + 5G WIFI Data transmission + BT Playing + Headphone + HUB Connected to Receipt Printer, Cash drawer, Mouse, Keyboard and Barcode Scanner + NFC Running + Ethernet data transmission
M03	Un Dock Long USB cable Running + 2.4G WIFI Data transmission + BT Playing + Headphone + HUB Connected to Receipt Printer, Cash drawer, Mouse, Keyboard and Barcode Scanner + NFC Running + Ethernet data transmission
M04	Un Dock Long USB cable Running + 5G WIFI Data transmission + BT Playing + Headphone + HUB Connected to Receipt Printer, Cash drawer, Mouse, Keyboard and Barcode Scanner + NFC Running + Ethernet data transmission
M05	Un Dock Short USB cable Running + 2.4G WIFI Data transmission + BT Playing + Headphone + HUB Connected to Receipt Printer, Cash drawer, Mouse, Keyboard and Barcode Scanner + NFC Running + Ethernet data transmission
M06	Un Dock Short USB cable Running + 5G WIFI Data transmission + BT Playing + Headphone + HUB Connected to Receipt Printer, Cash drawer, Mouse, Keyboard and Barcode Scanner + NFC Running + Ethernet data transmission
M07	Standby

5.3. EUT ACCESSORY

Power Adapter	
Model:	SWJ4-01
Ratings:	Input:100-240V~, 50/60Hz, 1.2A Output:12.0Vdc, 4.0A, 48.0W
DC Cable:	1.5 Meter

HUB	
Model:	SHG3-01
DC Cable:	1.5 Meter

Cable	
Description:	Short USB cable
Cable Type:	Unshielded without ferrite
Length:	1 Meter

Cable	
Description:	Long USB cable
Cable Type:	Unshielded without ferrite
Length:	2 Meter

NFC Module	
Model:	SPS5-01 / SPS5-01-A
Wireless Specifications:	NFC
Model differences:	SPS5-01-A and SPS5-01 are simply different product models; the difference is that SPS5-01 is only sold in the US.

5.4. SUPPORT UNITS FOR SYSTEM TEST

The following support units or accessories were used to form a representative test configuration during the tests.

Item	Equipment	Mfr./Brand	Model/Type No.	Series No.	Note
E-1	Receipt Printer	Mc-print3	MCP31LB	N/A	Customer Support
E-2	Receipt Printer	STAR	TSP100	N/A	Customer Support
E-3	Cash drawer	APG	VB554A-BL1616	N/A	Customer Support
E-4	Barcode Scanner	Symbol	LS2208-SR20007NA	N/A	Customer Support
E-5	Mouse	Lenovo	N/A	N/A	UL Support
E-6	Keyboard	Lenovo	aN/A	N/A	UL Support
E-7	BT speaker	N/A	N/A	N/A	UL Support
E-8	Headphone	Lenovo	N/A	N/A	UL Support
E-9	Router	TP-LINK	N/A	N/A	UL Support
E-10	Laptop	Lenovo	N/A	N/A	UL Support

The following cables were used to form a representative test configuration during the tests.

Item	Type of cable	Shielded Type	Ferrite Core	Specification
C-1	RJ45 cable	NO	NO	1.0 m
C-2	RJ45 cable	NO	NO	2.0 m
C-3	AC Cable	NO	NO	1.0 m

6. MEASURING EQUIPMENT AND SOFTWARE USED

Test Equipment of Conducted emissions					
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due Date
EMI Test Receiver	ROHDE & SCHWARZ	ESR3	101961	Sep. 12, 2025	Sep. 11, 2026
Two-Line V-Network	ROHDE & SCHWARZ	ENV216	101983	Sep. 12, 2025	Sep. 11, 2026
Artificial Mains Networks	Schwarzbeck	NSLK 8126	8126465	Sep. 12, 2025	Sep. 11, 2026
Current Probe	SOLAR	9123-1N	9123150804	Sep. 12, 2025	Sep. 11, 2026
8 Wire ISN	ROHDE & SCHWARZ	ENY81-CA6	101724	Sep. 12, 2025	Sep. 11, 2026
EMI Test Receiver	ROHDE & SCHWARZ	ESR3	103328	Dec. 27, 2024	Dec. 26, 2025
LISN	ROHDE & SCHWARZ	ENV4200	100809	Jan. 6, 2025	Jan. 5, 2026
Test Software	Farad	EZ-EMC	Ver. UL-3A1	N/A	N/A

Test Equipment of Radiated emissions					
Equipment	Manufacturer	Model No.	Type No.	Serial No.	Due Date
MXE EMI Receiver	KESIGHT	N9038A	MY56400036	Sep. 12, 2025	Sep. 11, 2026
Hybrid Log Periodic Antenna	TDK	HLP-3003C	130960	Jun. 28, 2024	Jun. 27, 2027
Hybrid Log Periodic Antenna	TDK	HLP-3003C	130958	Dec. 13, 2024	Dec. 12, 2027
Preamplifier	HP	8447D	2944A09099	Sep. 12, 2025	Sep. 11, 2026
Preamplifier	HP	8447F	2944A03683	Sep. 12, 2025	Sep. 11, 2026
EMI Measurement Receiver	ROHDE & SCHWARZ	ESR26	101377	Sep. 12, 2025	Sep. 11, 2026
Horn Antenna	TDK	HRN-0118	130940	Dec. 12, 2024	Dec. 11, 2027
Preamplifier	TDK	PA-02-0118	TRS-305-00066	Dec. 27, 2024	Dec. 26, 2027
Preamplifier	TDK	PA-02-0118	TRS-305-00067	Sep. 12, 2025	Sep. 11, 2026
High Pass Filter	Wi	WHKX10-2700-3000-18000-40SS	23	Sep. 12, 2025	Sep. 11, 2026
High Pass Filter	Wi	WHKX10-2700-3000-18000-40SS	23	Sep. 12, 2025	Sep. 11, 2026
Band Reject Filter	Wainwright	WRCJV8-2350-2400-2483.5-2533.5-40SS	4	Sep. 12, 2025	Sep. 11, 2026

Band Reject Filter	Wi	WRCJV20-5120-5150-5350-5380-60SS	2	Sep. 12, 2025	Sep. 11, 2026
Band Reject Filter	Wi	WRCJV12-5695-5725-5850-5880-60SS	4	Sep. 12, 2025	Sep. 11, 2026
High Pass Filter	Wi	WHKX10-5850-6500-18000-40SS	4	Sep. 12, 2025	Sep. 11, 2026
High Pass Filter	Wi	WHJ10-882-980-7000-40SS	1	Sep. 12, 2025	Sep. 11, 2026
04-E-RE-EZ-EMC	Test Software	Farad	EZ-EMC 1.1.4.2	N/A	N/A

Other Instrument					
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due Date
Temperature humidity probe	OMEGA	ITHX-SD-5	18470007	Sep.16, 2025	Sep.15, 2026
Barometer	Yiyi	Baro	N/A	Sep. 12, 2025	Sep. 11, 2026
Attenuator	Agilent	8495B	2814a12853	Sep.16, 2025	Sep.15, 2026

EMISSION TEST

7.1. CONDUCTED EMISSIONS

LIMITS

Frequency (MHz)	Class A (dB μ V)		Class B (dB μ V)	
	Quasi-peak	Average	Quasi-peak	Average
0.15 -0.5	79	66	66 - 56 *	56 - 46*
0.50 -5.0	73	60	56	46
5.0 -30.0	73	60	60	50

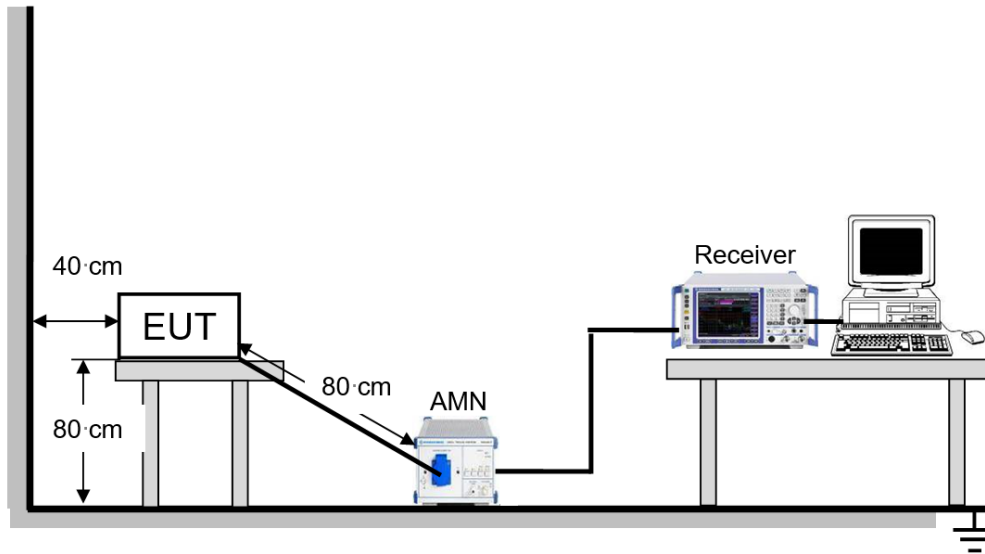
Note:

- (1). The tighter limit applies at the band edges.
- (2). The limit of " * " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.

TEST PROCEDURE

- 1) The testing follows the guideline in ANSI C63.4-2014.
- 2) The EUT was placed on the top of a rotating table 0.8 meters above the horizontal ground plane and being connected to the power mains through a line impedance stabilization network (LISN). All other support equipment powered from additional LISN(s). The LISN provide 50 ohm/ 50uH of coupling impedance for the measuring instrument.
- 3) Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
- 4) I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
- 5) Cables of hand-operated devices, such as keyboards and mice, shall be placed as for normal used.
- 6) LISN at least 80 cm from nearest part of EUT chassis.
- 7) Conducted emissions from the EUT measured in the frequency range between 0.15MHz and 30MHz using CISPR Quasi-Peak and average detector mode, resolution bandwidth set 9kHz.

TEST SETUP



TEST ENVIRONMENT

Temperature	25°C	Relative Humidity	50%
Atmosphere Pressure	101kPa		

TEST DATE / ENGINEER

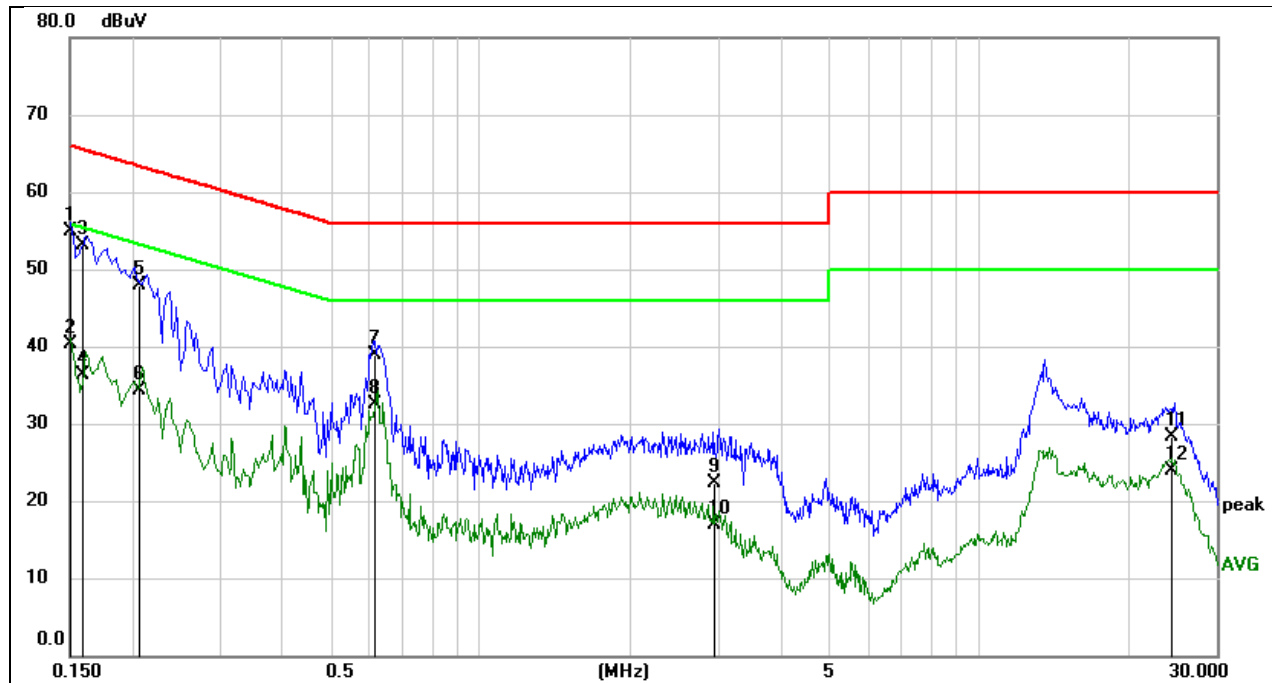
Test Date	September 19, 2025	Test By	Deacon Tan
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TEST MODE

Pre-test Mode:	M01~M07
Final Test Mode:	M04

TEST RESULTS

Test Mode:	M04	Line:	Line
Test Voltage:	AC 120V_60Hz		

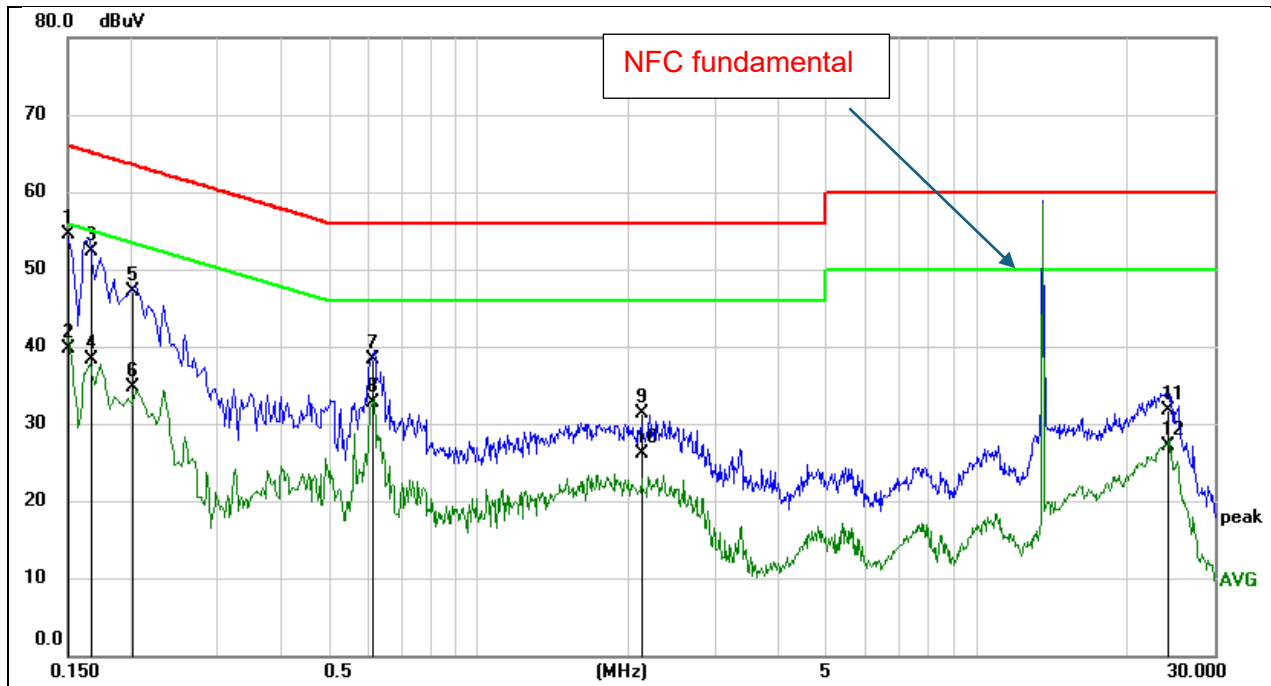


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1503	45.12	9.74	54.86	65.98	-11.12	QP
2	0.1503	30.47	9.74	40.21	55.98	-15.77	AVG
3	0.1587	43.48	9.72	53.20	65.53	-12.33	QP
4	0.1587	26.49	9.72	36.21	55.53	-19.32	AVG
5	0.2073	38.34	9.64	47.98	63.31	-15.33	QP
6	0.2073	24.73	9.64	34.37	53.31	-18.94	AVG
7	0.6120	29.34	9.64	38.98	56.00	-17.02	QP
8	0.6120	22.93	9.64	32.57	46.00	-13.43	AVG
9	2.9522	12.49	9.73	22.22	56.00	-33.78	QP
10	2.9522	7.14	9.73	16.87	46.00	-29.13	AVG
11	24.5800	18.55	9.70	28.25	60.00	-31.75	QP
12	24.5800	14.25	9.70	23.95	50.00	-26.05	AVG

Remark:

1. Result = Reading +Correct (Insertion Loss + Cable Loss + Attenuator Factor)
2. Margin = Result - Limit

Test Mode:	M04	Line:	Neutral
Test Voltage:	AC 120V_60Hz		



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1503	44.83	9.64	54.47	65.98	-11.51	QP
2	0.1503	30.03	9.64	39.67	55.98	-16.31	AVG
3	0.1676	42.67	9.64	52.31	65.08	-12.77	QP
4	0.1676	28.75	9.64	38.39	55.08	-16.69	AVG
5	0.2022	37.51	9.64	47.15	63.52	-16.37	QP
6	0.2022	25.05	9.64	34.69	53.52	-18.83	AVG
7	0.6133	28.66	9.64	38.30	56.00	-17.70	QP
8	0.6133	22.98	9.64	32.62	46.00	-13.38	AVG
9	2.1212	21.72	9.64	31.36	56.00	-24.64	QP
10	2.1212	16.53	9.64	26.17	46.00	-19.83	AVG
11	24.1061	22.02	9.71	31.73	60.00	-28.27	QP
12	24.1061	17.49	9.71	27.20	50.00	-22.80	AVG

Remark:

1. Result = Reading +Correct (Insertion Loss + Cable Loss + Attenuator Factor)
2. Margin = Result – Limit

Note: 13.56 is the fundamental frequency which were transmitted by wireless module.

7.2. RADIATED EMISSIONS BELOW 1GHZ

LIMITS

CFR 47 FCC Part 15 Subpart B		
Frequency (MHz)	Field strength (dBuV/m@ 3 m)	
	Class A	Class B
30 - 88	49.5	40
88 - 216	53.9	43.5
216 - 960	56.9	46
Above 960	60	54

ICES-003 Issue 7		
Frequency (MHz)	Field strength (dBuV/m@ 3 m)	
	Class A	Class B
30 - 88	50	40
88 - 216	54	43.5
216 - 230	56.9	46
230 - 960	57	47
Above 960	60	54

Note:

- (1). The tighter limit applies at the band edges
- (2). The different between FCC Part 15 Subpart B limit and ICES-003 Issue 7 limit is only in frequency band 230 MHz to 960 MHz, the limit of FCC Part 15 Subpart B is 1 dB smaller than the limit of ICES-003 Issue 7, if the test result complies with FCC Part 15 Subpart B limit, it deemed to comply with ICES-003 Issue 7 limit.

TEST PROCEDURE

- 1) The testing follows the guidelines in ANSI C63.4-2014.
- 2) The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- 3) The EUT was placed on a turntable with 80cm above ground.
- 4) The EUT was set 3 meters from the interference receiving antenna, test antenna mast is remotely controlled and can be varied in height from 1m to 4m.
- 5) Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
- 6) I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.

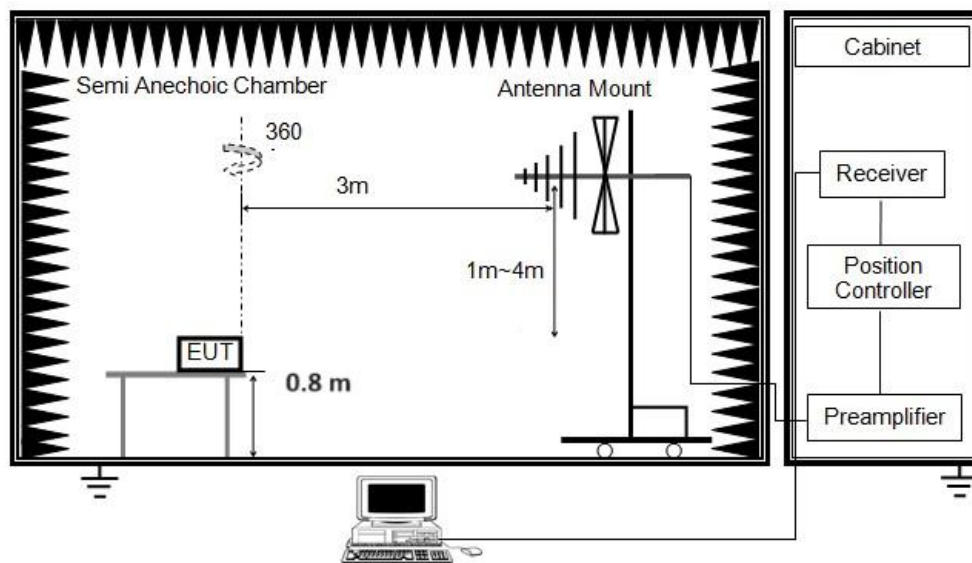
- 7) Cables of hand-operated devices, such as keyboards and mice, shall be placed as for normal used.
- 8) For measurement below 1 GHz, the initial step in collecting radiated emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.

The setting of the spectrum analyser

RBW	100kHz
VBW	300kHz
Detector	Peak / Quasi Peak [#]
Trace	Max hold

[#]: Peak for pre-scan, Quasi Peak for the final result.

TEST SETUP



Below 1 GHz and above 30 MHz

TEST ENVIRONMENT

Temperature	22.8	Relative Humidity	58%
Atmosphere Pressure	101kPa		

TEST DATE / ENGINEER

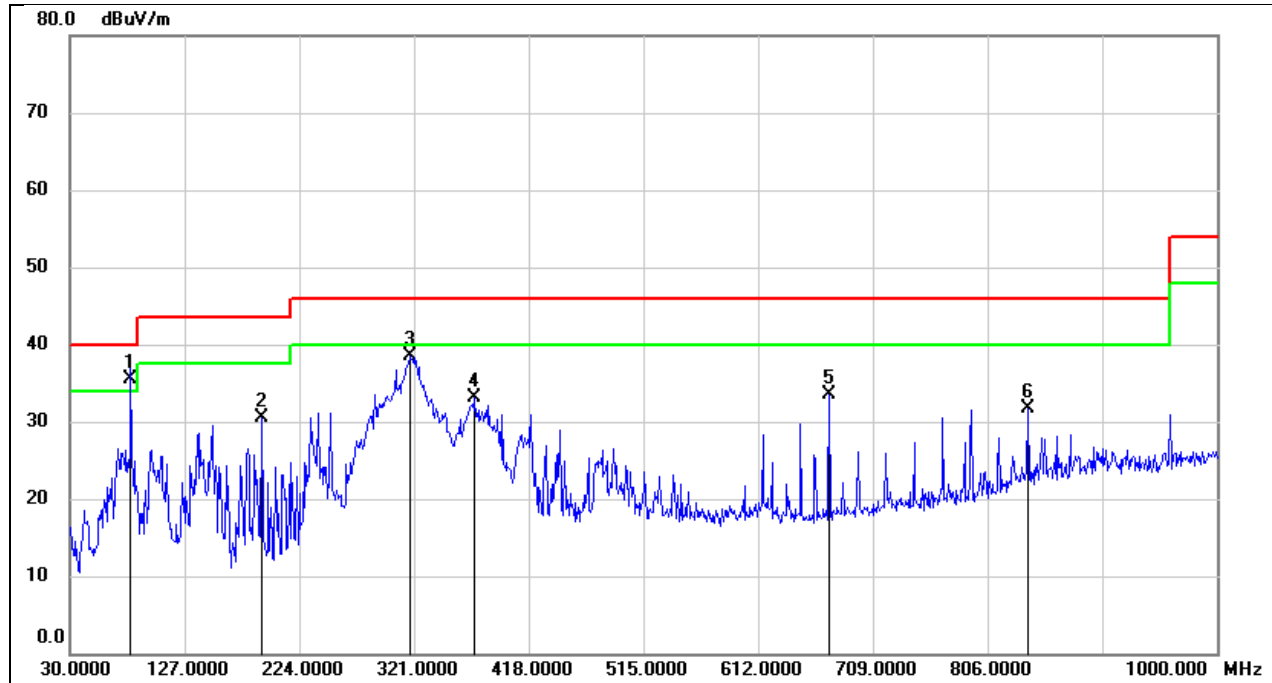
Test Date	September 25, 2025	Test By	Stipe Zheng
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TEST MODE

Pre-test Mode:	M01 ~ M07
Final Test Mode:	M01

TEST RESULTS

Test Mode:	M01	Polarity:	Horizontal
Test Voltage:	AC120V_60Hz		

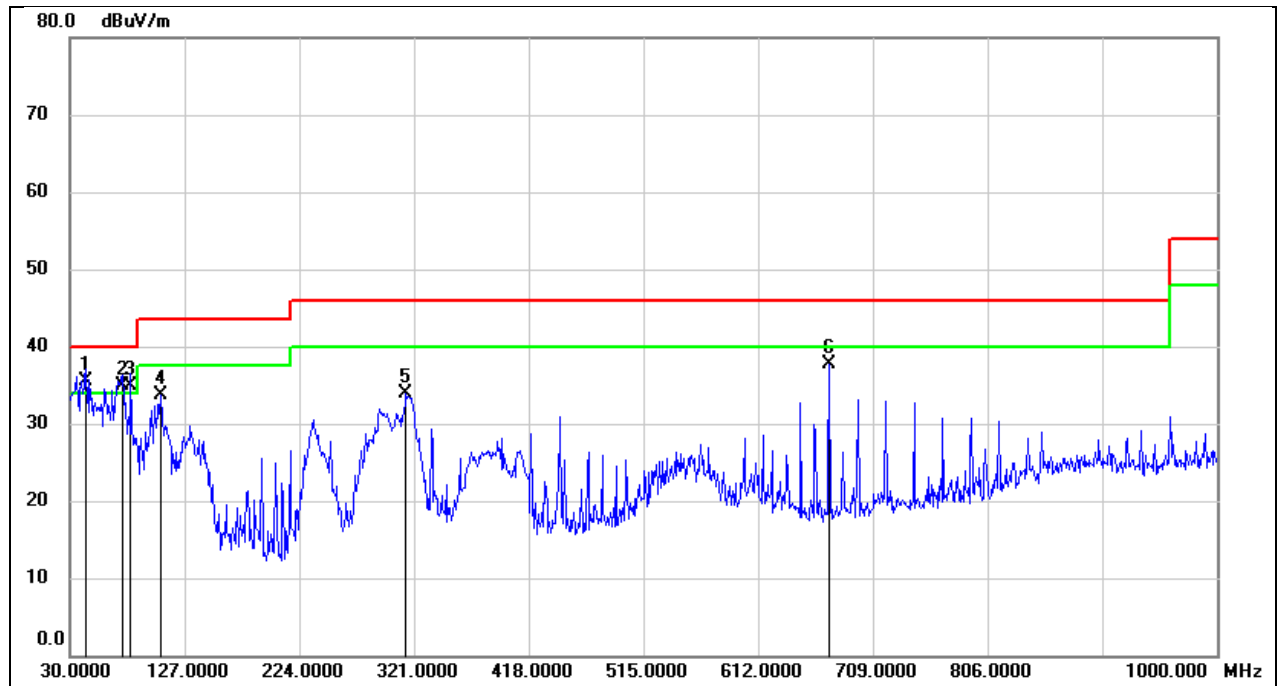


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	81.4100	51.55	-16.09	35.46	40.00	-4.54	QP
2	191.9900	42.52	-12.02	30.50	43.50	-13.00	QP
3	317.1200	49.35	-10.83	38.52	46.00	-7.48	QP
4	372.4100	42.63	-9.57	33.06	46.00	-12.94	QP
5	672.1400	38.50	-4.98	33.52	46.00	-12.48	QP
6	839.9500	33.32	-1.56	31.76	46.00	-14.24	QP

Remark:

1. Result = Reading +Correct (Amplifier Factor + Cable Loss + Antenna Factor)
2. Margin = Result - Limit

Test Mode:	M01	Polarity:	Vertical
Test Voltage:	AC120V_60Hz		



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	43.5800	50.39	-14.88	35.51	40.00	-4.49	QP
2	74.6200	50.60	-15.63	34.97	40.00	-5.03	QP
3	81.4100	51.07	-16.09	34.98	40.00	-5.02	QP
4	106.6300	49.43	-15.65	33.78	43.50	-9.72	QP
5	314.2100	44.82	-10.95	33.87	46.00	-12.13	QP
6	672.1400	42.75	-4.98	37.77	46.00	-8.23	QP

Remark:

1. Result = Reading +Correct (Amplifier Factor + Cable Loss + Antenna Factor)
2. Margin = Result - Limit

7.3. RADIATED EMISSIONS ABOVE 1GHZ

LIMITS

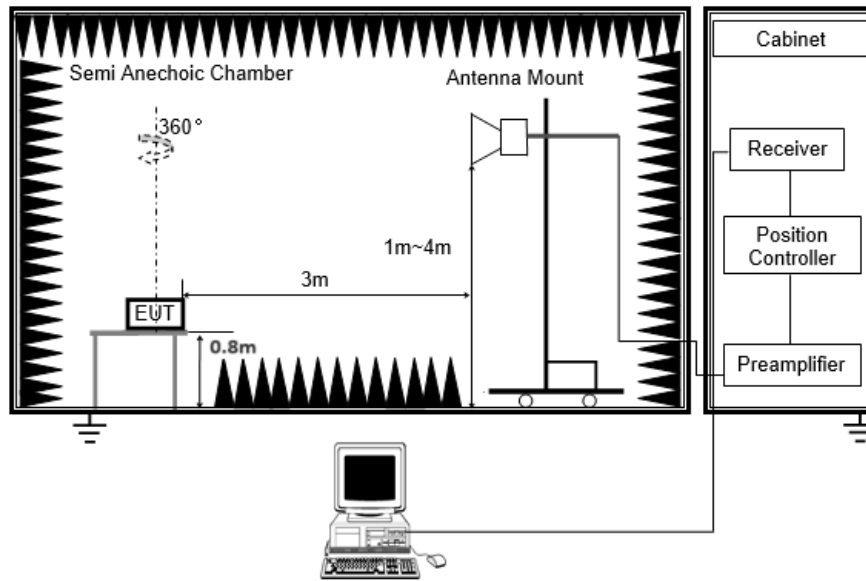
Frequency (MHz)	Field strength (dBuV/m@ 3 m)			
	Class A		Class B	
	Peak	Average	Peak	Average
Above 1000	80	60	74	54

TEST PROCEDURE

- 1) The testing follows the guidelines in ANSI C63.4-2014.
- 2) The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- 3) The EUT was placed on a turntable with 80cm above ground.
- 4) The EUT was set 3 meters from the interference receiving antenna, test antenna mast is remotely controlled and can be varied in height from 1m to 4m.
- 5) Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
- 6) I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
- 7) Cables of hand-operated devices, such as keyboards and mice, shall be placed as for normal used.
- 8) For measurement above 1 GHz, the peak emission measurement will be measured by the peak detector. This peak level, once corrected, must comply with the peak limit specified in Section 15.109.
If peak result complies with average limit, average result is deemed to comply with average limit.
- 9) The average emission measurement will be measured by the RMS detector and must comply with the average limit specified in Section 15.109.
- 10) The setting of the spectrum analyser

RBW	1MHz
VBW	3MHz
Detector	Peak value: Peak; Average value: RMS
Trace	Max hold

TEST SETUP



Above 1GHz

TEST ENVIRONMENT

Temperature	21.3°C	Relative Humidity	60.9%
Atmosphere Pressure	101kPa		

TEST DATE / ENGINEER

Test Date	October 20, 2025	Test By	Mason Wang
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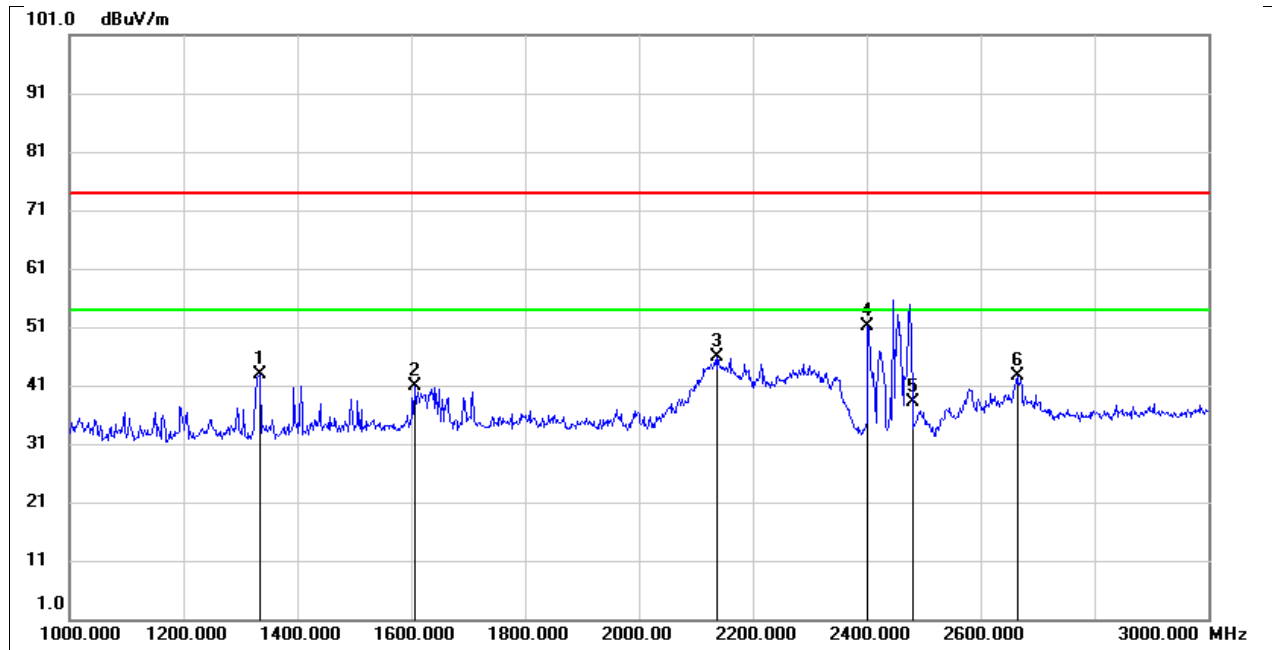
TEST MODE

Pre-test Mode:	M01 ~ M07
Final Test Mode:	M04

Note: All test modes had been tested, but only the worst data recorded in the report.

TEST RESULTS

Test Mode:	M04	Polarity:	Horizontal
Test Voltage:	AC120V_60Hz		

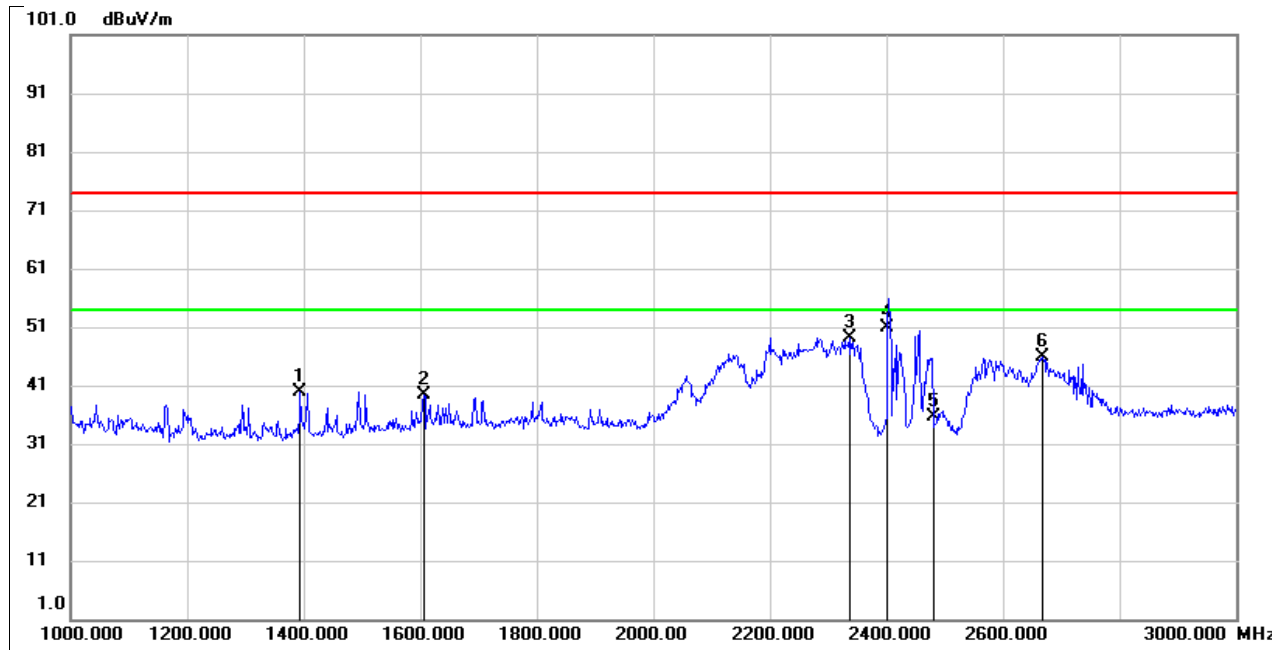


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1334.000	55.56	-12.75	42.81	74.00	-31.19	peak
2	1606.000	52.26	-11.38	40.88	74.00	-33.12	peak
3	2138.000	55.53	-9.72	45.81	74.00	-28.19	peak
4	2402.000	59.69	-8.63	51.06	/	/	fundamental
5	2480.000	46.34	-8.29	38.05	/	/	fundamental
6	2664.000	50.16	-7.56	42.60	74.00	-31.40	peak

Remark:

1. Result = Reading +Correct (Amplifier Factor + Cable Loss + Antenna Factor)
2. Margin = Result - Limit
3. All the frequencies between mark 4 and mark 5 are the fundamental frequency which were transmitted by wireless module from EUT.

Test Mode:	M04	Polarity:	Vertical
Test Voltage:	AC120V_60Hz		

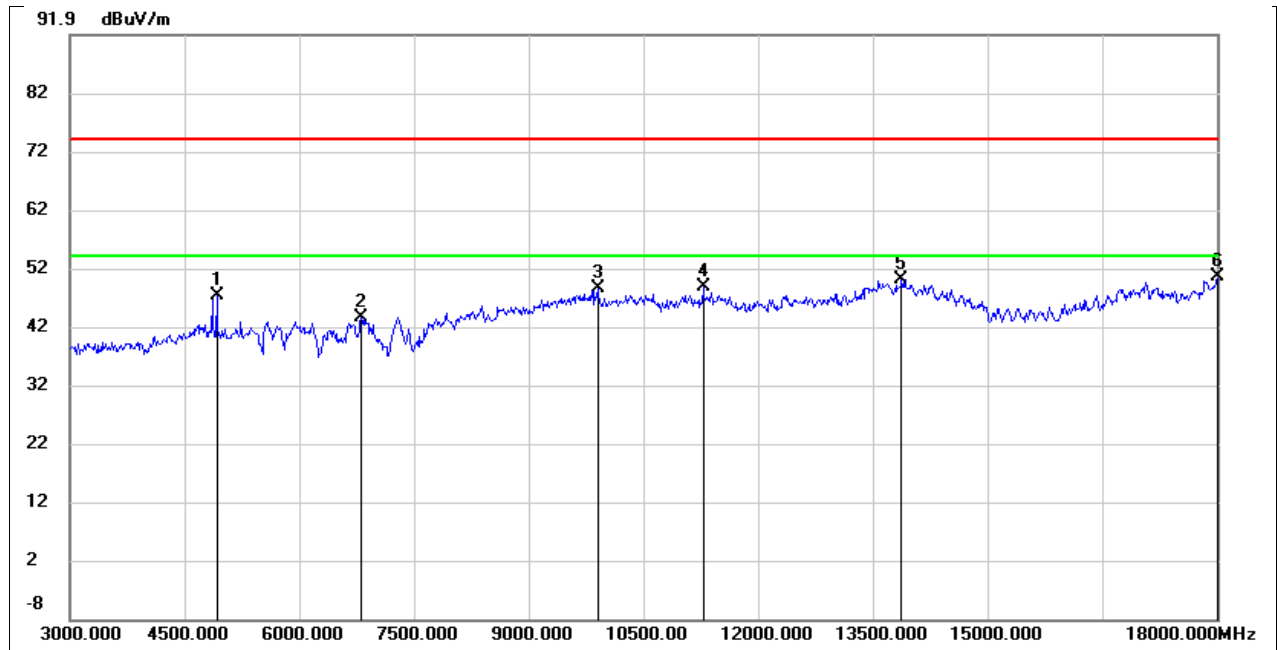


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1394.000	52.34	-12.47	39.87	74.00	-34.13	peak
2	1606.000	50.70	-11.38	39.32	74.00	-34.68	peak
3	2336.000	57.95	-8.89	49.06	74.00	-24.94	peak
4	2402.000	59.48	-8.63	50.85	/	/	fundamental
5	2480.000	43.84	-8.29	35.55	/	/	fundamental
6	2668.000	53.33	-7.54	45.79	74.00	-28.21	peak

Remark:

1. Result = Reading +Correct (Amplifier Factor + Cable Loss + Antenna Factor)
2. Margin = Result - Limit
3. All the frequencies between mark 4 and mark 5 are the fundamental frequency which were transmitted by wireless module from EUT.

Test Mode:	M04	Polarity:	Horizontal
Test Voltage:	AC120V_60Hz		

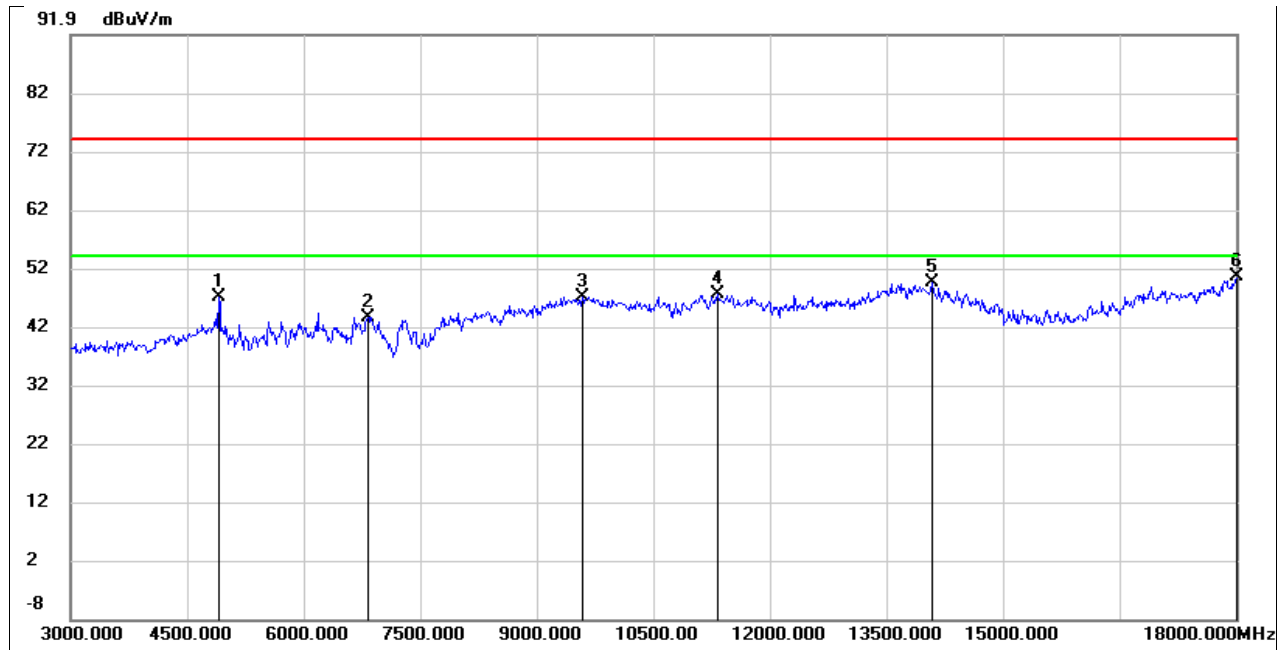


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4920.000	46.40	0.86	47.26	74.00	-26.74	peak
2	6810.000	37.49	5.97	43.46	74.00	-30.54	peak
3	9900.000	35.31	13.19	48.50	74.00	-25.50	peak
4	11280.000	31.41	17.33	48.74	74.00	-25.26	peak
5	13875.000	26.55	23.59	50.14	74.00	-23.86	peak
6	18000.000	21.97	28.54	50.51	74.00	-23.49	peak

Remark:

1. Result = Reading +Correct (Amplifier Factor + Cable Loss + Antenna Factor)
2. Margin = Result - Limit

Test Mode:	M04	Polarity:	Vertical
Test Voltage:	AC120V_60Hz		



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4905.000	46.09	0.82	46.91	74.00	-27.09	peak
2	6825.000	37.61	6.00	43.61	74.00	-30.39	peak
3	9585.000	34.55	12.58	47.13	74.00	-26.87	peak
4	11325.000	30.14	17.38	47.52	74.00	-26.48	peak
5	14085.000	25.75	23.84	49.59	74.00	-24.41	peak
6	18000.000	21.88	28.54	50.42	74.00	-23.58	peak

Remark:

1. Result = Reading +Correct (Amplifier Factor + Cable Loss + Antenna Factor)
2. Margin = Result - Limit

Note, the frequency, which started from 18 GHz to 40 GHz, was pre-scanned and the result which was 20 dB lower than the limit line was not reported.