FCC Test Report

Report No.: AGC12845221006FE06A

FCC ID	:	2A9RD-SVBR01CL
APPLICATION PURPOSE	:	Class II Permissive Change
PRODUCT DESIGNATION	:	Cleaning Robot
BRAND NAME	:	Sveabot
MODEL NAME	:	SVBR01CL
APPLICANT	:	Sveabot Tek AB
DATE OF ISSUE	:	Jun. 11, 2025
STANDARD(S)	:	FCC Part 15 Subpart C §15.247
REPORT VERSION	:	V1.0

*A*ttestation of *G*lobal *C*ompliance (Shenzhen) Co., Ltd

Report Revise Record

Report Version	Revise Time	Issued Date	Valid Version	Notes
V1.0	/	Jun. 11, 2025	Valid	Initial Release

Note: The original test report AGC12845221006FE06 (dated Jan. 17, 2023 and tested from Nov. 21, 2022 to Jan. 17, 2023) was modified on Jun. 11, 2025, including the following changes and additions:

SVBR01CL(S100 Pro R):

The tail floor mopping module and flat mop have been replaced with a floor cleaning brush and a water absorbing mat structure.

Structural change of sewage tank.

Laser ranging module changed to 3D radar.

2D radar inversion.

Thickening of charging electrode plates.

Move the manual charging port to the left side.

The structure of the water tank tray has been changed, and the position of the dust box has been moved to the left.

Add 3D LiDAR components and radar interface wiring harness.

Cancel the TOF sensors on both sides of the casing.

Add three-way valve.

Replace the fan and driver matching.

Cancel carpet sensor and air duct heating.

The charging circuit control only retains the positive contactor.

Remove the rear roller brush cooling fan and move it to the front for overall cooling.

The front roller brush motor control and temperature acquisition are integrated into one connector.

Add a small A3 algorithm board.

Change single touch edge to double touch edge.

Replace Bluetooth antenna.

SVBR01CL(S100 Pro M):

L0054838_ Upper shell: changed to install 3D radar, appearance changes.

L0054838_ Upper shell: The horn has been changed from being assembled on the upper shell to being assembled on the upper shell layer board.

Add a L0048902-3D radar mounting plate.

Add cooling fans and ventilation holes on the upper shell(L0054840) layer board.

The laser radar has been adjusted from the lower shell layer board to be installed on the upper shell layer board.

The opening for assembling the laser radar has been removed from the outer layer of the lower shell L0043182, and it has become a flat surface.

Add 3D LiDAR components and radar interface wiring harness.

Cancel the TOF sensors on both sides of the casing.

New front machine cooling fan.

Add a small A3 algorithm board.

Change single touch edge to double touch edge.

Replace Bluetooth antenna

For the above described change(s) the following tests was considered to be necessary:

Clause	Testing
§15.247 (d)&15.209	Radiated Spurious Emission
§15.207	AC Power Line Conducted Emission

Table of Contents

1. General Information 6
2. Product Information 7
2.1 Product Technical Description 7
2.2 Table of Carrier Frequency 8
2.3 IEEE 802.11n Modulation Scheme 9
2.4 Related Submittal(S) / Grant (S) 10
2.5 Test Methodology 10
2.6 Special Accessories 10
2.7 Equipment Modifications 10
2.8 Antenna Requirement 10
2.9 Description of Available Antennas 11
2.10 Description of Test Software 12
3. Test Environment 13
3.1 Address of The Test Laboratory 13
3.2 Test Facility 13
3.3 Environmental Conditions 14
3.4 Measurement Uncertainty 14
3.5 List of Equipment Used 15
4.System Test Configuration 16
4.1 EUT Configuration 16
4.2 EUT Exercise 16
4.3 Configuration of Tested System 16
4.4 Equipment Used in Tested System 16
4.5 Summary of Test Results 17
5. Description of Test Modes 18
6. Radiated Spurious Emission 19
6.1 Measurement Limits 19
15.209(a) Limit in the below table has to be followed 19
6.2 Measurement Procedure 19
11.3 Measurement Setup (Block Diagram of Configuration) 22
11.4 Measurement Result 23
7. AC Power Line Conducted Emission 33
7.1 Measurement Limits 33
7.2 Block Diagram of Line Conducted Emission Test 33
7.3 Preliminary Procedure of Line Conducted Emission Test 34
7.4 Final Procedure of Line Conducted Emission Test 34

7.5 Test Result of Line Conducted Emission Test 34
Appendix I: Photographs of Test Setup 39
Appendix II: Photographs of Test EUT 39

1. General Information

Applicant	Sveabot Tek AB
Address	Hogmossevagen 11, SE-641 39, Katrineholm, Sweden
Manufacturer	Sveabot Tek AB
Address	Hogmossevagen 11, SE-641 39, Katrineholm, Sweden
Factory	FJ Dynamics Technology (Fujian) Co., Ltd.
Address	Unit 3, Yimei Zhineng Industrial Park, No. 30 Zhihui Avenue, Nanyu Town, Gaoxin District, Fuzhou City, Fujian Province, China
Product Designation	Cleaning Robot
Brand Name	Sveabot
Test Model	SVBR01CL
Series Model(s)	N/A
Difference Description	N/A
Date of receipt of test item	Apr. 24, 2025
Date of Test	Apr. 24, 2025 to Jun. 11, 2025
Deviation from Standard	No any deviation from the test method
Condition of Test Sample	Normal
Test Result	Pass
Test Report Form No	AGCER-FCC-2.4GWLAN-V1

Note: The test results of this report relate only to the tested sample identified in this report

Prepared By	CiCi Li (Project Engineer)	Jun. 11, 2025
Reviewed By	Bibo Zhang (Reviewer)	Jun. 11, 2025
Approved By	Angela Li (Authorized Officer)	Jun. 11, 2025

2. Product Information

2.1 Product Technical Description

Equipment Type	WLAN 2.4G
Frequency Band	2400MHz ~ 2483.5MHz
Operation Frequency	2412MHz ~ 2462MHz
Output Power (Average)	IEEE 802.11b:15.94dBm; IEEE 802.11g:15.15dBm; IEEE 802.11n(HT20):14.67dBm; IEEE 802.11ax (HE20):13.55dBm
Output Power (Peak)	IEEE 802.11b:18.51dBm; IEEE 802.11g:23.41dBm; IEEE 802.11n(HT20):23.04dBm; IEEE 802.11ax (HE20):23.30dBm
Output Power (MIMO- Average)	IEEE 802.11n(HT20):17.48dBm; IEEE 802.11ax (HE20):16.46dBm
Output Power (MIMO- Peak)	IEEE 802.11n(HT20):25.82dBm; IEEE 802.11ax (HE20):26.17dBm
Modulation	802.11b:(DQPSK, DBPSK, CCK) DSSS 802.11g/n:(64-QAM,16-QAM, QPSK, BPSK) OFDM 802.11ax:(1024-QAM,256-QAM,64-QAM,16-QAM,QPSK,BPSK)OFDMA
Data Rate	802.11b:1/2/5.5/11Mbps 802.11g: 6/9/12/18/24/36/48/54Mbps 802.11n: up to 300Mbps 802.11ax: up to 574Mbps
Number of channels	11
Hardware Version	V1.0
Software Version	V1.0
Antenna Designation	FPC Antenna
Antenna Gain	Please refer to report section 2.9 description
Number of transmit chain	2(802.11b/g/n/ax all used two antennas,802.11n/ax support MIMO)
Power Supply	DC 50.4V by battery or DC 58.8V by adapter

Note:

The product model SVBR01CL has two factory prototypes, namely S100 Pro R (#1) and S100 Pro M (#2).

2.2 Table of Carrier Frequency

For 2412-2462MHz:

11 channels are provided for 802.11b/g/n(HT20)/ax(HE20):

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		

2.3 IEEE 802.11n Modulation Scheme

MCS Index	Nss	Modulation	R	N_{BPSC}	N_{CBPS}		N_{DBPS}		Data Rate(Mbps)	
									800nsGI	
					20MHz	40MHz	20MHz	40MHz	20MHz	40MHz
0	1	BPSK	1/2	1	52	108	26	54	6.5	13.5
1	1	QPSK	1/2	2	104	216	52	108	13.0	27.0
2	1	QPSK	3/4	2	104	216	78	162	19.5	40.5
3	1	16-QAM	1/2	4	208	432	104	216	26.0	54.0
4	1	16-QAM	3/4	4	208	432	156	324	39.0	81.0
5	1	64-QAM	2/3	6	312	648	208	432	52.0	108.0
6	1	64-QAM	3/4	6	312	648	234	489	58.5	121.5
7	1	64-QAM	5/6	6	312	648	260	540	65.0	135.0

Symbol	Explanation
NSS	Number of spatial streams
R	Code rate
NBPSC	Number of coded bits per single carrier
NCBPS	Number of coded bits per symbol
NDBPS	Number of data bits per symbol
GI	Guard interval

2.4 Related Submittal(S) / Grant (S)

This submittal(s) (test report) is intended for FCC ID: 2A9RD-SVBR01CL, filing to comply with Part 2, Part 15 of the Federal Communication Commission rules.

2.5 Test Methodology

The tests were performed according to following standards:

No.	Identity	Document Title
1	FCC 47 CFR Part 2	Frequency allocations and radio treaty matters; general rules and regulations
2	FCC 47 CFR Part 15	Radio Frequency Devices
3	ANSI C63.10-2013	American National Standard for Testing Unlicensed Wireless Devices
4	KDB 662911	KDB 662911 D01 Multiple Transmitter Output v02r01 Emissions Testing of Transmitters with Multiple Outputs in the Same Band (e.g., MIMO, Smart Antenna, etc)

2.6 Special Accessories

Refer to section 4.4.

2.7 Equipment Modifications

Not available for this EUT intended for grant.

2.8 Antenna Requirement

Standard Requirement
15.203 requirement: An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. 15.247(b) (4) requirement: The conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (c) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1), (b)(2), and (b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi
EUT Antenna:
The non-detachable antenna inside the device cannot be replaced by the user at will. For the antenna gain, please refer to the description in Chapter 2.9 of the report.

2.9 Description of Available Antennas

Antenna Type	Frequency Band (MHz)	TX Paths	Bandwidth (MHz)	Max Peak Gain (dBi)		Max Directional Gain (dBi)
				Ant 1	Ant 2	
2.4GWIFI FPC Antenna List (2.4GHz 2*2 MIMO)						
FPC Antenna	2400~2483.5	2	20, 40	3.2	6.06	9.07

Note 1: The EUT supports Cyclic Delay Diversity (CDD) technology for 802.11n/ax mode.

Note 2: The EUT supports Cyclic Delay Diversity (CDD) mode, and CDD signals are correlated.

If all antennas have the same gain, G_{ANT}, Directional gain = G_{ANT} + Array Gain, where Array Gain is as follows.

- For power spectral density (PSD) measurements on devices:

  Array Gain = 10 log (N_{ANT}/ N_{SS}) dB = 3.01;

- For power measurements on IEEE 802.1devices:

  Array Gain = 0 dB for $N_{ANT} \leq 4$;

  Array Gain = 0 dB (i.e., no array gain) for channel widths ≥40 MHz for any N_{ANT};

  Array Gain = 5 log(N_{ANT}/N_{SS}) dB or 3 dB, whichever is less, for 20 MHz channel widths with $N_{ANT} \geq 5$.

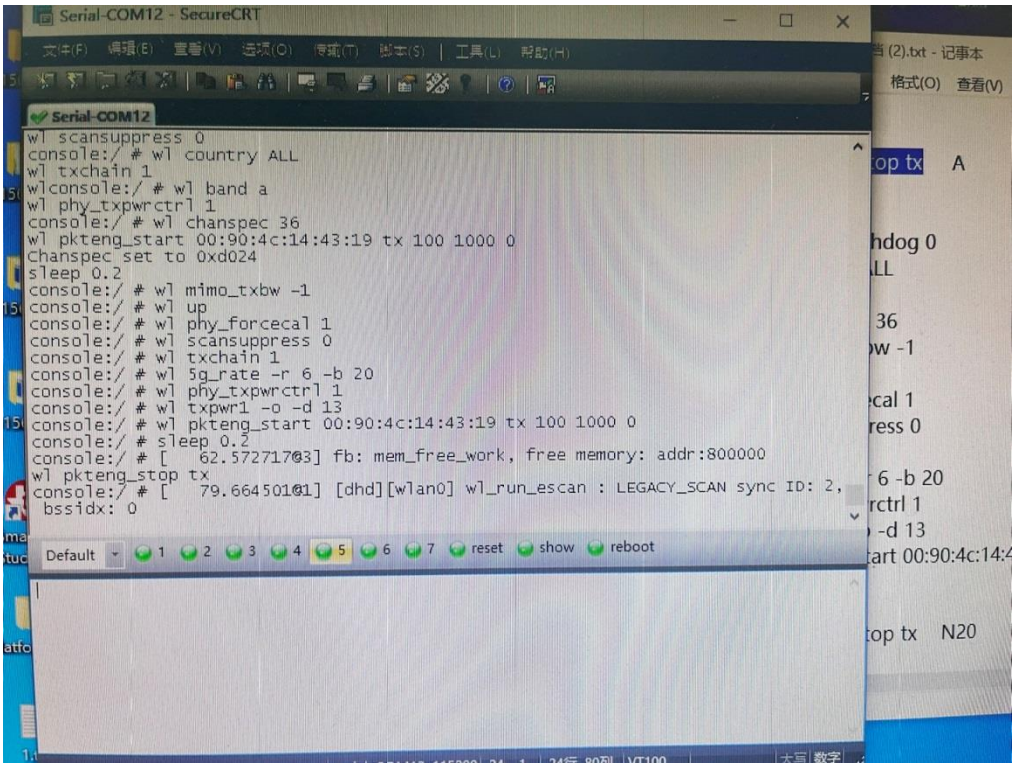
If antenna gains are not equal, Directional gain may be calculated by using the formulas applicable to equal gain antennas with G_{ANT} set equal to the gain of the antenna having the highest gain.

2.10 Description of Test Software

For IEEE 802.11 mode:

The test utility software used during testing was “SecureCRT”.

Software Setting Diagram



Test Mode	Channel	Power Index	
		Chain 1	Chain 2
802.11b	L/M/H	15	15
802.11g	L/M/H	15	15
802.11n-HT20	L/M/H	15	15
802.11ax-HE20	L/M/H	15	15

3. Test Environment

3.1 Address of The Test Laboratory

Laboratory: Attestation of Global Compliance (Shenzhen) Co., Ltd.

Address: 1-2/F, Building 19, Junfeng Industrial Park, Chongqing Road, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China

3.2 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

CNAS-Lab Code: L5488

Attestation of Global Compliance (Shenzhen) Co., Ltd. has been assessed and proved to follow CNAS-CL01 Accreditation Criteria for Testing and Calibration Laboratories (identical to ISO/IEC17025: 2017 General Requirements for the Competence of Testing and Calibration Laboratories).

A2LA-Lab Cert. No.: 5054.02

Attestation of Global Compliance (Shenzhen) Co., Ltd. EMC Laboratory has been accredited by A2LA for technical competence in the field of electrical testing, and proved to follow ISO/IEC 17025: 2017 General Requirements for the Competence of Testing and Calibration Laboratories and any additional program requirements in the identified field of testing.

FCC-Registration No.: 975832

Attestation of Global Compliance (Shenzhen) Co., Ltd. EMC Laboratory has been registered and fully described in a report filed with the FCC (Federal Communications Commission). The acceptance letter from the FCC is maintained in our files with Registration 975832.

IC-Registration No.: 24842 (CAB identifier: CN0063)

Attestation of Global Compliance (Shenzhen) Co., Ltd. EMC Laboratory has been registered and fully described in a report filed with the Certification and Engineering Bureau of Industry Canada. The acceptance letter from the IC is maintained in our files with Registration 24842.

3.3 Environmental Conditions

	Normal Conditions
Temperature range (℃)	15 - 35
Relative humidity range	20 % - 75 %
Pressure range (kPa)	86 - 106

3.4 Measurement Uncertainty

The reported uncertainty of measurement y±U, where expended uncertainty U is based on a standard uncertainty multiplied by a coverage factor of k=2, providing a level of confidence of approximately 95%.

Item	Measurement Uncertainty
Uncertainty of Conducted Emission for AC Port	U_c = ±2.9 dB
Uncertainty of Radiated Emission below 1GHz	U_c = ±3.9 dB
Uncertainty of Radiated Emission above 1GHz	U_c = ±4.9 dB
Uncertainty of total RF power, conducted	U_c = ±0.8 dB
Uncertainty of RF power density, conducted	U_c = ±2.6 dB
Uncertainty of spurious emissions, conducted	U_c = ±2 %
Uncertainty of Occupied Channel Bandwidth	U_c = ±2 %

3.5 List of Equipment Used

● Radiated Spurious Emission							
Used	Equipment No.	Test Equipment	Manufacturer	Model No.	Serial No.	Last Cal. Date (YY-MM-DD)	Next Cal. Date (YY-MM-DD)
☐	AGC-EM-E046	EMI Test Receiver	R&S	ESCI	10096	2025-01-14	2026-01-13
☒	AGC-EM-E061	Spectrum Analyzer	Agilent	N9010A	MY53470504	2025-05-08	2026-05-07
☒	AGC-EM-E086	Loop Antenna	ZHINAN	ZN30900C	18051	2024-03-05	2026-03-04
☒	AGC-EM-E001	Wideband Antenna	SCHWARZBECK	VULB9168	D69250	2025-03-14	2027-03-13
☒	AGC-EM-E029	Broadband Ridged Horn Antenna	ETS	3117	00034609	2025-03-27	2026-03-26
☒	AGC-EM-E082	Horn Antenna	SCHWARZBECK	BBHA 9170	#768	2023-09-24	2025-09-23
☒	AGC-EM-E146	Pre-amplifier	ETS	3117-PA	00246148	2024-07-24	2026-07-23
☒	AGC-EM-A119	2.4G Filter	SongYi	N/A	N/A	2025-05-16	2026-05-15
☒	AGC-EM-A138	6dB Attenuator	Eeatsheep	LM-XX-6-5W	N/A	2023-06-09	2025-06-08
☒	AGC-EM-A138	6dB Attenuator	Eeatsheep	LM-XX-6-5W	N/A	2025-05-16	2027-05-15
☐	AGC-EM-A139	6dB Attenuator	Eeatsheep	LM-XX-6-5W	N/A	2023-06-09	2025-06-08
☐	AGC-EM-A139	6dB Attenuator	Eeatsheep	LM-XX-6-5W	N/A	2025-05-16	2027-05-15

● AC Power Line Conducted Emission							
Used	Equipment No.	Test Equipment	Manufacturer	Model No.	Serial No.	Last Cal. Date (YY-MM-DD)	Next Cal. Date (YY-MM-DD)
☒	AGC-EM-E116	EMI Test Receiver	R&S	ESCI	100034	2025-05-08	2026-05-07
☒	AGC-EM-A130	6dB Attenuator	Eeatsheep	LM-XX-6-5W	DC-6GZ	2023-06-09	2025-06-08
☒	AGC-EM-A130	6dB Attenuator	Eeatsheep	LM-XX-6-5W	DC-6GZ	2025-05-16	2027-05-15
☒	AGC-EM-E023	AMN	R&S	ESH2-Z5	100086	2025-05-08	2026-05-07

● Test Software					
Used	Equipment No.	Test Equipment	Manufacturer	Model No.	Version Information
☒	AGC-EM-S001	CE Test System	R&S	ES-K1	V1.71
☒	AGC-EM-S003	RE Test System	FARA	EZ-EMC	VRA-03A
☐	AGC-EM-S004	RE Test System	Tonscend	TS+Ver2.1(JS32-RE)	4.0.0.0
☒	AGC-EM-S011	RSE Test System	Tonscend	TS+-Ver2.1(JS36-RSE)	4.0.0.0

4.System Test Configuration

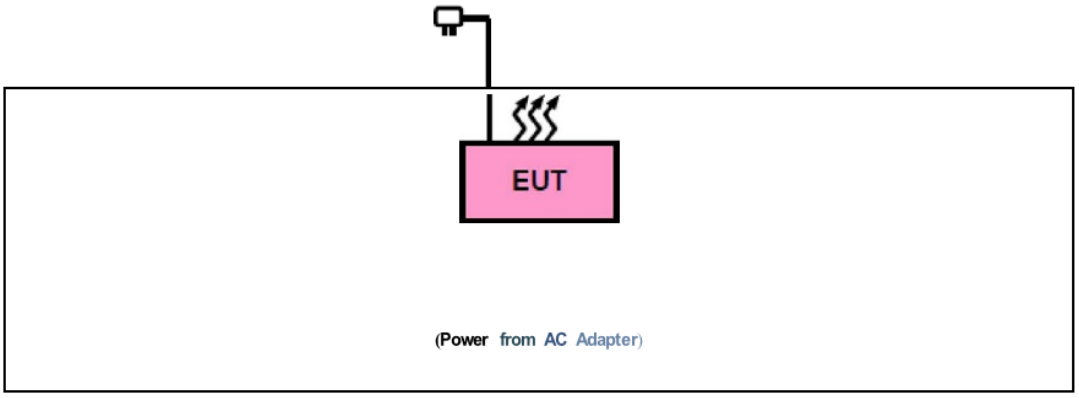
4.1 EUT Configuration

The EUT configuration for testing is installed on RF field strength measurement to meet the Commission's requirement and operating in a manner which intends to maximize its emission characteristics in a continuous normal application.

4.2 EUT Exercise

The Transmitter was operated in the normal operating mode. The TX frequency was fixed which was for the purpose of the measurements.

4.3 Configuration of Tested System



4.4 Equipment Used in Tested System

The following peripheral devices and interface cables were connected during the measurement:

☐ Test Accessories Come From The Laboratory

No.	Equipment	Manufacturer	Model No.	Specification Information	Cable
1	--	--	--	--	--

☐ Test Accessories Come From The Manufacturer

No.	Equipment	Manufacturer	Model No.	Specification Information	Cable
1	--	--	--	--	--

4.5 Summary of Test Results

Item	FCC Rules	Description of Test	Result
1	§15.247 (d)&15.209	Radiated Spurious Emission	Pass
2	§15.207	AC Power Line Conducted Emission	Pass

5. Description of Test Modes

Summary table of Test Cases	
Test Item	Data Rate / Modulation
	2.4G WLAN – 802.11b/g/n/ax (DSSS/OFDM/OFDMA)
Radiated & Conducted Test Cases	Mode 1: 802.11b_TX CH01_2412 MHz_1 Mbps(Battery powered or AC/DC adapter) Mode 2: 802.11b_TX CH06_2437 MHz_1 Mbps(Battery powered or AC/DC adapter) Mode 3: 802.11b_TX CH11_2462 MHz_1 Mbps(Battery powered or AC/DC adapter) Mode 4: 802.11g_TX CH01_2412 MHz_6 Mbps(Battery powered or AC/DC adapter) Mode 5: 802.11g_TX CH06_2437 MHz_6 Mbps(Battery powered or AC/DC adapter) Mode 6: 802.11g_TX CH11_2462 MHz_6 Mbps (Battery powered or AC/DC adapter) Mode 7: 802.11n-HT20_TX CH01_2412 MHz_MCS0 Mbps(Battery powered or AC/DC adapter) Mode 8: 802.11n-HT20_TX CH06_2437 MHz_ MCS0 Mbps(Battery powered or AC/DC adapter) Mode 9: 802.11n-HT20_TX CH11_2462 MHz_ MCS0 Mbps(Battery powered or AC/DC adapter) Mode 10: 802.11ax-HE20_TX CH01_2412 MHz_MCS0 Mbps(Battery powered or AC/DC adapter) Mode 11: 802.11ax-HE20_TX CH06_2437 MHz_ MCS0 Mbps(Battery powered or AC/DC adapter) Mode 12: 802.11ax-HE20_TX CH11_2462 MHz_ MCS0 Mbps(Battery powered or AC/DC adapter)
AC Conducted Emission	Mode 1: 2.4G WLAN Link + Battery + USB Cable (Charging from AC Adapter)

Note:
1. The battery is full-charged during the test.
2. The 802.11ax mode is only tested and evaluated at Full RU bandwidth.
3. For Radiated Emission, 3axis were chosen for testing for each applicable mode.
4. For Conducted Test method, a temporary antenna connector is provided by the manufacture.
5. All modes and antennas in the radiation spurious test are pre-scanned. When there is no MIMO technology mode, antenna 1 is evaluated. When there is MIMO technology mode, antenna 1 + antenna 2 are evaluated as the worst data.
6. The manufacturer of RF external cable claims that the cable loss is 0.5dB, and the cable loss and attenuator have been compensated into the Corrections Configuration of measuring equipment.
7. Input correction factor includes external cable loss and attenuator amplitude compensation. The formula is: Input compensation coefficient (dB) = Cable Loss (dB) + Attenuator attenuation value (dB)

6. Radiated Spurious Emission

6.1 Measurement Limits

15.209(a) Limit in the below table has to be followed

Frequencies (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009~0.490	2400/F(kHz)	300
0.490~1.705	24000/F(kHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
Above 960	500	3

Note: All modes were tested for restricted band radiated emission, the test records reported below are the worst result compared to other modes.

6.2 Measurement Procedure

1. The EUT was placed on the top of the turntable 0.1 meter above ground. The phase center of the receiving antenna mounted on the top of a height-variable antenna tower was placed 3 meters far away from the turntable.
2. Power on the EUT and all the supporting units. The turntable was rotated by 360 degrees to determine the position of the highest radiation.
3. The height of the broadband receiving antenna was varied between one meter and four meters above ground to find the maximum emissions field strength of both horizontal and vertical polarization.
4. For each suspected emission, the antenna tower was scan (from 1 M to 4 M) and then the turntable was rotated (from 0 degree to 360 degrees) to find the maximum reading.
5. Set the test-receiver system to Peak or CISPR quasi-peak Detect Function with specified bandwidth under Maximum Hold Mode.
6. For emissions above 1GHz, use 1MHz RBW and 3MHz VBW for peak reading. Place the measurement antenna away from each area of the EUT determined to be a source of emissions at the specified measurement distance, while keeping the measurement antenna aimed at the source of emissions at each frequency of significant emissions, with polarization oriented for maximum response. The measurement antenna may have to be higher or lower than the EUT, depending on the radiation pattern of the emission and staying aimed at the emission source for receiving the maximum signal. The final measurement antenna elevation shall be that which maximizes the emissions. The measurement antenna elevation for maximum emissions shall be restricted to a range of heights of from 1 m to 4 m above the ground or reference ground plane.
7. When the radiated emissions limits are expressed in terms of the average value of the emissions, and pulsed operation is employed, the measurement field strength shall be determined by averaging over one complete pulse train, including blanking intervals, as long as the pulse train does not exceed 0.1 seconds.

As an alternative (provided the transmitter operates for longer than 0.1 seconds) or in cases where the pulse train exceeds 0.1 seconds, the measured field strength shall be determined from the average absolute voltage during a 0.1 second interval during which the field strength is at its maximum values.

8. If the emissions level of the EUT in peak mode was 3 dB lower than the average limit specified, then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions which do not have 3 dB margin will be repeated one by one using the quasi-peak method for below 1GHz.
9. For testing above 1GHz, the emissions level of the EUT in peak mode was lower than average limit (that means the emissions level in peak mode also complies with the limit in average mode), then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.
10. In case the emission is lower than 30MHz, loop antenna has to be used for measurement and the recorded data should be QP measured by receiver. High - Low scan is not required in this case.

◆ The following table is the setting of spectrum analyzer and receiver.

Spectrum Parameter	Setting
Start ~Stop Frequency	9kHz~150KHz/RB 200Hz for QP
Start ~Stop Frequency	150kHz~30MHz/RB 9kHz for QP
Start ~Stop Frequency	30MHz~1000MHz/RB 120kHz for QP
Start ~Stop Frequency	1GHz~26.5GHz 1MHz/3MHz for Peak, 1MHz/3MHz for Average

Receiver Parameter	Setting
Start ~Stop Frequency	9kHz~150KHz/RB 200Hz for QP
Start ~Stop Frequency	150kHz~30MHz/RB 9kHz for QP
Start ~Stop Frequency	30MHz~1000MHz/RB 120kHz for QP

- **Quasi-Peak Measurements below 1GHz**

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. Span was set greater than 1MHz
3. RBW = as shown in the table above
4. Detector = CISPR quasi-peak
5. Sweep time = auto couple
6. Trace was allowed to stabilize

- **Peak Measurements above 1GHz**

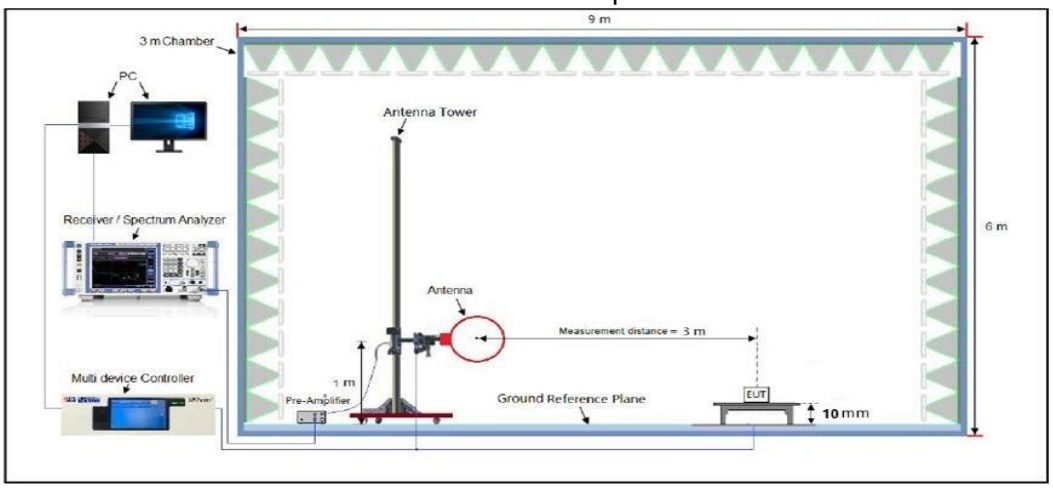
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

- **Average Measurements above 1GHz**

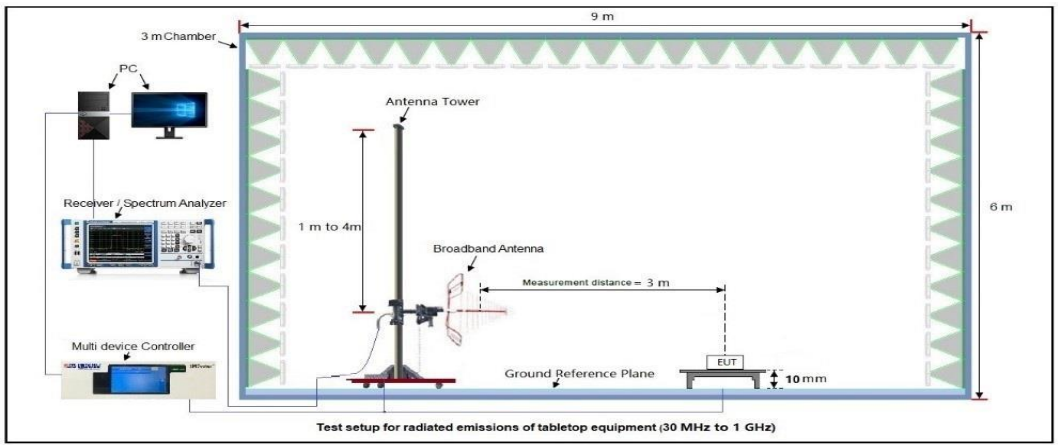
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW ≥ [3 × RBW]
4. Detector = Power averaging (rms)
5. Averaging type = power (i.e., rms)
6. Sweep time = auto
7. Perform a trace average of at least 100 traces.
8. The applicable correction factor is [10*log (1 / D)], where D is the duty cycle. The factor had been edited in the “Input Correction” of the Spectrum Analyzer.

11.3 Measurement Setup (Block Diagram of Configuration)

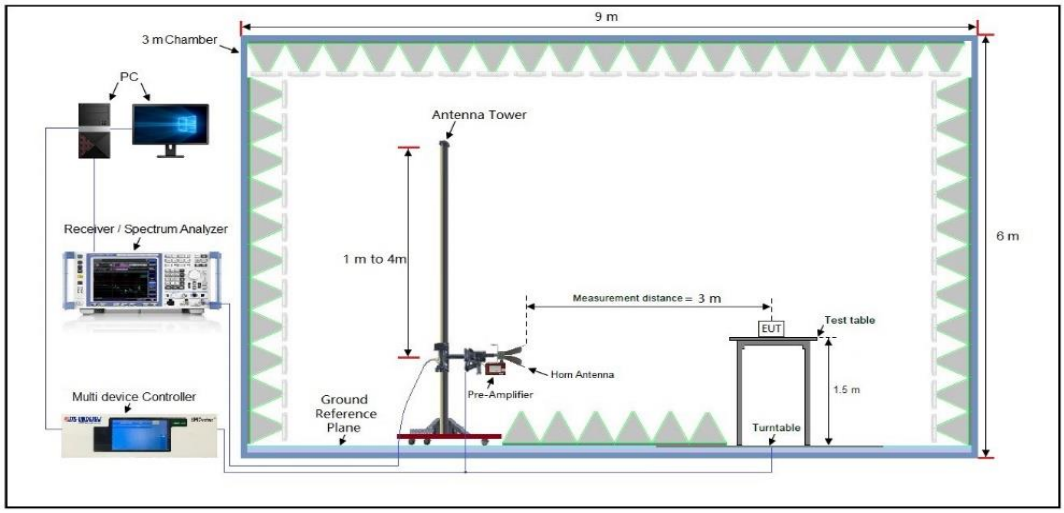
Radiated Emission Test Setup 9kHz-30MHz



Radiated Emission Test Setup 30MHz-1000MHz



Radiated Emission Test Setup Above 1000MHz



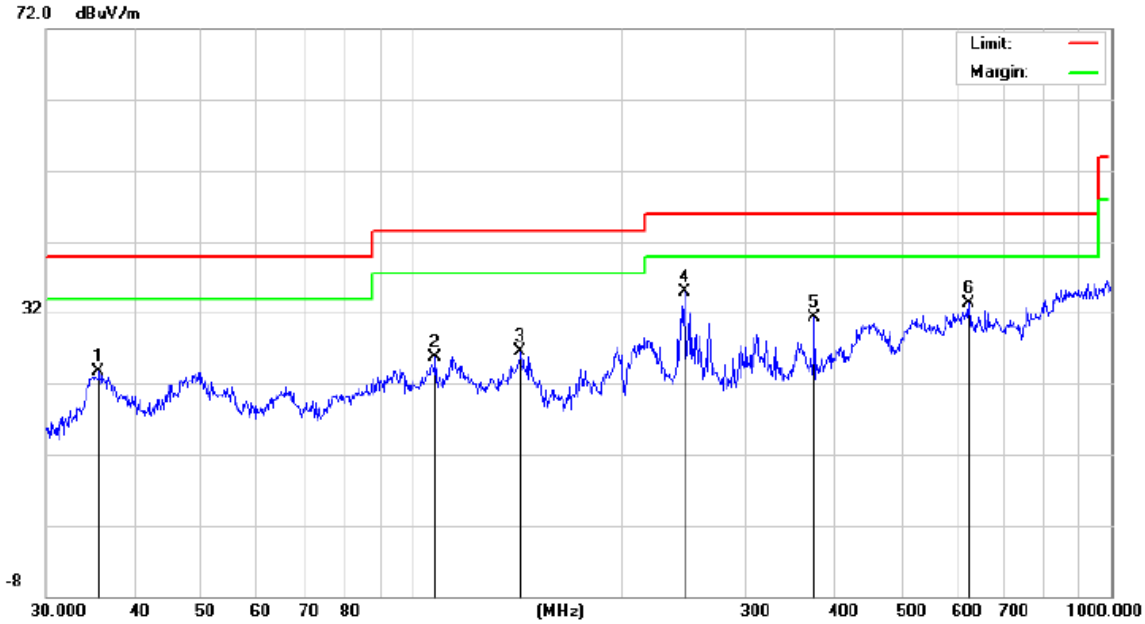
11.4 Measurement Result

Radiated Emission at 9kHz-30MHz

The amplitude of spurious emissions from 9kHz to 30MHz which are attenuated more than 20 dB below the permissible value need not be reported.

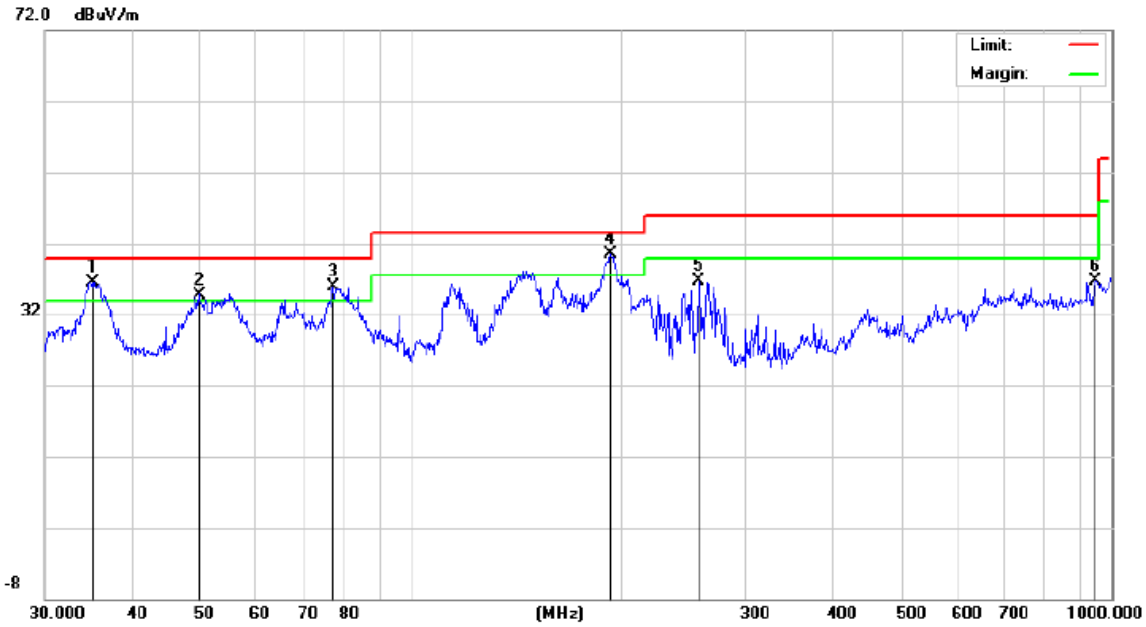
#1

Radiated Emission Test Results at 30MHz-1GHz			
EUT Name	Cleaning Robot	**Model Name**	SVBR01CL
Temperature	23.5℃	**Relative Humidity**	51.3%
Pressure	960hPa	**Test Voltage**	DC 58.8V by Adapter
Test Mode	Mode 7	**Antenna Polarity**	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		35.6240	11.66	12.02	23.68	40.00	-16.32	peak
2		107.8877	9.47	16.28	25.75	43.50	-17.75	peak
3		142.8243	11.63	14.79	26.42	43.50	-17.08	peak
4	*	245.0900	19.70	15.25	34.95	46.00	-11.05	peak
5		375.9385	13.27	18.08	31.35	46.00	-14.65	peak
6		625.0780	8.53	24.72	33.25	46.00	-12.75	peak

Radiated Emission Test Results at 30MHz-1GHz			
EUT Name	Cleaning Robot	**Model Name**	SVBR01CL
Temperature	23.5℃	**Relative Humidity**	51.3%
Pressure	960hPa	**Test Voltage**	DC 58.8V by Adapter
Test Mode	Mode 7	**Antenna Polarity**	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	!	35.1278	21.28	15.29	36.57	40.00	-3.43	peak
2	!	49.7068	17.80	17.00	34.80	40.00	-5.20	peak
3	!	77.3212	18.93	16.93	35.86	40.00	-4.14	peak
4	*	192.4185	22.44	18.13	40.57	43.50	-2.93	peak
5		256.5210	19.09	17.61	36.70	46.00	-9.30	peak
6		948.7608	6.12	30.65	36.77	46.00	-9.23	peak

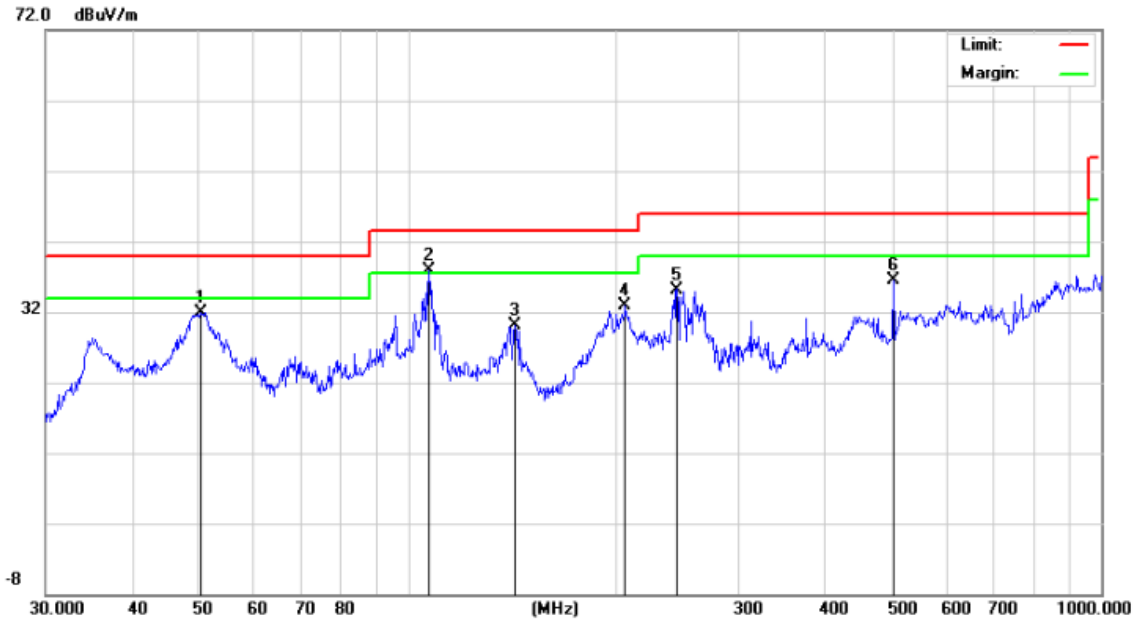
RESULT: Pass

Note: 1. Factor=Antenna Factor + Cable loss, Margin=Measurement-Limit.

2. All test modes had been pre-tested. The mode 7 is the worst case and recorded in the report.

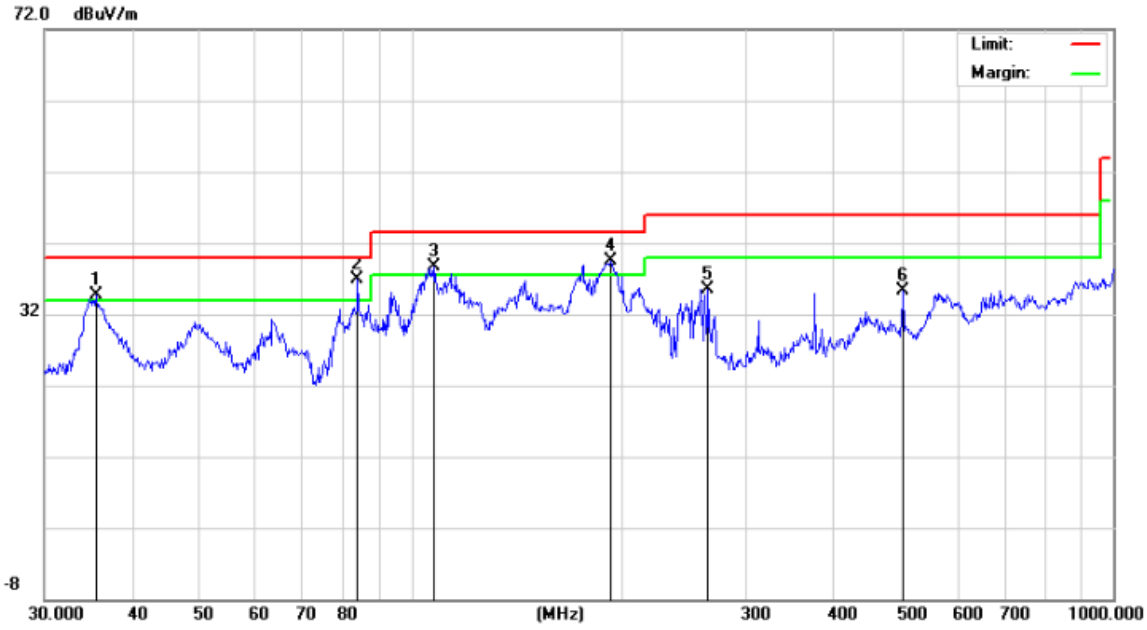
#2

Radiated Emission Test Results at 30MHz-1GHz			
EUT Name	Cleaning Robot	**Model Name**	SVBR01CL
Temperature	23.5℃	**Relative Humidity**	51.3%
Pressure	960hPa	**Test Voltage**	DC 58.8V by Adapter
Test Mode	Mode 7	**Antenna Polarity**	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		50.2324	18.67	13.18	31.85	40.00	-8.15	peak
2	*	107.1337	21.70	16.27	37.97	43.50	-5.53	peak
3		142.8243	15.33	14.79	30.12	43.50	-13.38	peak
4		205.6751	18.42	14.47	32.89	43.50	-10.61	peak
5		244.2321	19.93	15.27	35.20	46.00	-10.80	peak
6		501.1790	14.17	22.28	36.45	46.00	-9.55	peak

Radiated Emission Test Results at 30MHz-1GHz			
EUT Name	Cleaning Robot	**Model Name**	SVBR01CL
Temperature	23.5℃	**Relative Humidity**	51.3%
Pressure	960hPa	**Test Voltage**	DC 58.8V by Adapter
Test Mode	Mode 7	**Antenna Polarity**	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	!	35.4992	19.31	15.41	34.72	40.00	-5.28	peak
2	*	83.8156	20.50	16.38	36.88	40.00	-3.12	peak
3	!	107.8876	23.11	15.58	38.69	43.50	-4.81	peak
4	!	192.4185	21.44	18.13	39.57	43.50	-3.93	peak
5		264.7456	17.46	18.02	35.48	46.00	-10.52	peak
6		501.1789	11.30	24.05	35.35	46.00	-10.65	peak

RESULT: Pass

Note: 1. Factor=Antenna Factor + Cable loss, Margin=Measurement-Limit.

2. All test modes had been pre-tested. The mode 7 is the worst case and recorded in the report.

#1

Radiated Emissions Test Results above 1 GHz

EUT Name	Cleaning Robot	**Model Name**	SVBR01CL
Temperature	23.5℃	**Relative Humidity**	51.3%
Pressure	960hPa	**Test Voltage**	DC 58.8V by Adapter
Test Mode	Mode 7	**Antenna Polarity**	Horizontal

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
4824.000	47.56	0.08	47.64	74	-26.36	peak
4824.000	38.45	0.08	38.53	54	-15.47	AVG
7236.000	42.61	2.21	44.82	74	-29.18	peak
7236.000	31.69	2.21	33.9	54	-20.1	AVG

Remark:
Factor = Antenna Factor + Cable Loss – Pre-amplifier.

EUT Name	Cleaning Robot	**Model Name**	SVBR01CL
Temperature	23.5℃	**Relative Humidity**	51.3%
Pressure	960hPa	**Test Voltage**	DC 58.8V by Adapter
Test Mode	Mode 7	**Antenna Polarity**	Vertical

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
4824.000	47.91	0.08	47.99	74	-26.01	peak
4824.000	38.52	0.08	38.6	54	-15.4	AVG
7236.000	42.64	2.21	44.85	74	-29.15	peak
7236.000	31.35	2.21	33.56	54	-20.44	AVG

Remark:
Factor = Antenna Factor + Cable Loss – Pre-amplifier.

RESULT: Pass

Radiated Emissions Test Results above 1GHz

EUT Name	Cleaning Robot	**Model Name**	SVBR01CL
Temperature	23.5℃	**Relative Humidity**	51.3%
Pressure	960hPa	**Test Voltage**	DC 58.8V by Adapter
Test Mode	Mode 8	**Antenna Polarity**	Horizontal

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
4874.000	48.19	0.14	48.33	74	-25.67	peak
4874.000	37.54	0.14	37.68	54	-16.32	AVG
7311.000	42.61	2.36	44.97	74	-29.03	peak
7311.000	31.52	2.36	33.88	54	-20.12	AVG

Remark:
Factor = Antenna Factor + Cable Loss – Pre-amplifier.

EUT Name	Cleaning Robot	**Model Name**	SVBR01CL
Temperature	23.5℃	**Relative Humidity**	51.3%
Pressure	960hPa	**Test Voltage**	DC 58.8V by Adapter
Test Mode	Mode 8	**Antenna Polarity**	Vertical

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
4874.000	47.29	0.14	47.43	74	-26.57	peak
4874.000	38.54	0.14	38.68	54	-15.32	AVG
7311.000	42.31	2.36	44.67	74	-29.33	peak
7311.000	31.56	2.36	33.92	54	-20.08	AVG

Remark:
Factor = Antenna Factor + Cable Loss – Pre-amplifier.

RESULT: Pass

Radiated Emissions Test Results above 1GHz

EUT Name	Cleaning Robot	**Model Name**	SVBR01CL
Temperature	23.5℃	**Relative Humidity**	51.3%
Pressure	960hPa	**Test Voltage**	DC 58.8V by Adapter
Test Mode	Mode 9	**Antenna Polarity**	Horizontal

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
4924.000	48.62	0.22	48.84	74	-25.16	peak
4924.000	37.65	0.22	37.87	54	-16.13	AVG
7386.000	42.34	2.64	44.98	74	-29.02	peak
7386.000	31.95	2.64	34.59	54	-19.41	AVG

Remark:
Factor = Antenna Factor + Cable Loss – Pre-amplifier.

EUT Name	Cleaning Robot	**Model Name**	SVBR01CL
Temperature	23.5℃	**Relative Humidity**	51.3%
Pressure	960hPa	**Test Voltage**	DC 58.8V by Adapter
Test Mode	Mode 9	**Antenna Polarity**	Vertical

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
4924.000	47.95	0.22	48.17	74	-25.83	peak
4924.000	38.65	0.22	38.87	54	-15.13	AVG
7386.000	41.53	2.64	44.17	74	-29.83	peak
7386.000	32.35	2.64	34.99	54	-19.01	AVG

Remark:
Factor = Antenna Factor + Cable Loss – Pre-amplifier.

RESULT: Pass

Note:

1. The amplitude of other spurious emissions from 1G to 25 GHz which are attenuated more than 20 dB below the permissible value need not be reported.
2. Factor = Antenna Factor + Cable loss – Pre-amplifier gain, Margin =Emission Level-Limit.
3. The “Factor” value can be calculated automatically by software of measurement system.

#2

Radiated Emissions Test Results above 1 GHz

EUT Name	Cleaning Robot	**Model Name**	SVBR01CL
Temperature	23.5℃	**Relative Humidity**	51.3%
Pressure	960hPa	**Test Voltage**	DC 58.8V by Adapter
Test Mode	Mode 7	**Antenna Polarity**	Horizontal

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
4824.000	47.52	0.08	47.6	74	-26.4	peak
4824.000	37.42	0.08	37.5	54	-16.5	AVG
7236.000	41.98	2.21	44.19	74	-29.81	peak
7236.000	32.36	2.21	34.57	54	-19.43	AVG

Remark:
Factor = Antenna Factor + Cable Loss – Pre-amplifier.

EUT Name	Cleaning Robot	**Model Name**	SVBR01CL
Temperature	23.5℃	**Relative Humidity**	51.3%
Pressure	960hPa	**Test Voltage**	DC 58.8V by Adapter
Test Mode	Mode 7	**Antenna Polarity**	Vertical

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
4824.000	48.62	0.08	48.7	74	-25.3	peak
4824.000	37.54	0.08	37.62	54	-16.38	AVG
7236.000	41.69	2.21	43.9	74	-30.1	peak
7236.000	32.34	2.21	34.55	54	-19.45	AVG

Remark:
Factor = Antenna Factor + Cable Loss – Pre-amplifier.

RESULT: Pass

Radiated Emissions Test Results above 1GHz

EUT Name	Cleaning Robot	**Model Name**	SVBR01CL
Temperature	23.5℃	**Relative Humidity**	51.3%
Pressure	960hPa	**Test Voltage**	DC 58.8V by Adapter
Test Mode	Mode 8	**Antenna Polarity**	Horizontal

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
4874.000	47.94	0.14	48.08	74	-25.92	peak
4874.000	38.54	0.14	38.68	54	-15.32	AVG
7311.000	41.53	2.36	43.89	74	-30.11	peak
7311.000	32.35	2.36	34.71	54	-19.29	AVG

Remark:
Factor = Antenna Factor + Cable Loss – Pre-amplifier.

EUT Name	Cleaning Robot	**Model Name**	SVBR01CL
Temperature	23.5℃	**Relative Humidity**	51.3%
Pressure	960hPa	**Test Voltage**	DC 58.8V by Adapter
Test Mode	Mode 8	**Antenna Polarity**	Vertical

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
4874.000	48.94	0.14	49.08	74	-24.92	peak
4874.000	37.54	0.14	37.68	54	-16.32	AVG
7311.000	41.36	2.36	43.72	74	-30.28	peak
7311.000	32.36	2.36	34.72	54	-19.28	AVG

Remark:
Factor = Antenna Factor + Cable Loss – Pre-amplifier.

RESULT: Pass

Radiated Emissions Test Results above 1GHz

EUT Name	Cleaning Robot	**Model Name**	SVBR01CL
Temperature	23.5℃	**Relative Humidity**	51.3%
Pressure	960hPa	**Test Voltage**	DC 58.8V by Adapter
Test Mode	Mode 9	**Antenna Polarity**	Horizontal

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
4924.000	47.98	0.22	48.2	74	-25.8	peak
4924.000	37.53	0.22	37.75	54	-16.25	AVG
7386.000	41.55	2.64	44.19	74	-29.81	peak
7386.000	32.36	2.64	35	54	-19	AVG

Remark:
Factor = Antenna Factor + Cable Loss – Pre-amplifier.

EUT Name	Cleaning Robot	**Model Name**	SVBR01CL
Temperature	23.5℃	**Relative Humidity**	51.3%
Pressure	960hPa	**Test Voltage**	DC 58.8V by Adapter
Test Mode	Mode 9	**Antenna Polarity**	Vertical

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
4924.000	48.61	0.22	48.83	74	-25.17	peak
4924.000	37.54	0.22	37.76	54	-16.24	AVG
7386.000	42.61	2.64	45.25	74	-28.75	peak
7386.000	31.26	2.64	33.9	54	-20.1	AVG

Remark:
Factor = Antenna Factor + Cable Loss – Pre-amplifier.

RESULT: Pass

Note:

1. The amplitude of other spurious emissions from 1G to 25 GHz which are attenuated more than 20 dB below the permissible value need not be reported.
2. Factor = Antenna Factor + Cable loss – Pre-amplifier gain, Margin =Emission Level-Limit.

7. AC Power Line Conducted Emission

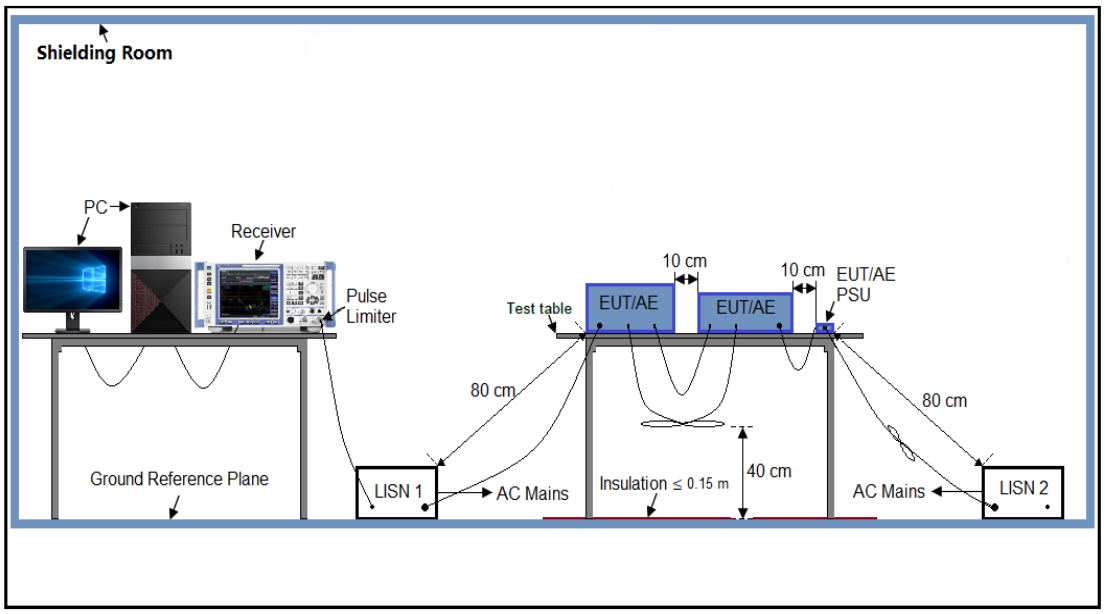
7.1 Measurement Limits

Frequency	Maximum RF Line Voltage	
	Q.P (dBμV)	Average (dBμV)
150kHz~500kHz	66-56	56-46
500kHz~5MHz	56	46
5MHz~30MHz	60	50

Note:

1. The lower limit shall apply at the transition frequency.
2. The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.50 MHz

7.2 Block Diagram of Line Conducted Emission Test



7.3 Preliminary Procedure of Line Conducted Emission Test

1. The equipment was set up as per the test configuration to simulate typical actual usage per the user's manual. When the EUT is a tabletop system, a wooden table with a height of 0.8 meters is used and is placed on the ground plane as per ANSI C63.10 (see Test Facility for the dimensions of the ground plane used). When the EUT is a floor-standing equipment, it is placed on the ground plane which has a 3-12 mm non-conductive covering to insulate the EUT from the ground plane.
2. Support equipment, if needed, was placed as per ANSI C63.10.
3. All I/O cables were positioned to simulate typical actual usage as per ANSI C63.10.
4. All support equipment received AC120V/60Hz power from a LISN, if any.
5. The EUT received DC 58.8V power from adapter which received AC120V/60Hz power from a LISN.
6. The test program was started. Emissions were measured on each current carrying line of the EUT using a spectrum Analyzer / Receiver connected to the LISN powering the EUT. The LISN has two monitoring points: Line 1 (Hot Side) and Line 2 (Neutral Side). Two scans were taken: one with Line 1 connected to Analyzer / Receiver and Line 2 connected to a 50 Ohm load; the second scan had Line 1 connected to a 50 Ohm load and Line 2 connected to the Analyzer / Receiver.
7. Analyzer / Receiver scanned from 150 kHz to 30MHz for emissions in each of the test modes.
8. During the above scans, the emissions were maximized by cable manipulation.
9. The test mode(s) were scanned during the preliminary test.

Then, the EUT configuration and cable configuration of the above highest emission level were recorded for reference of final testing.

7.4 Final Procedure of Line Conducted Emission Test

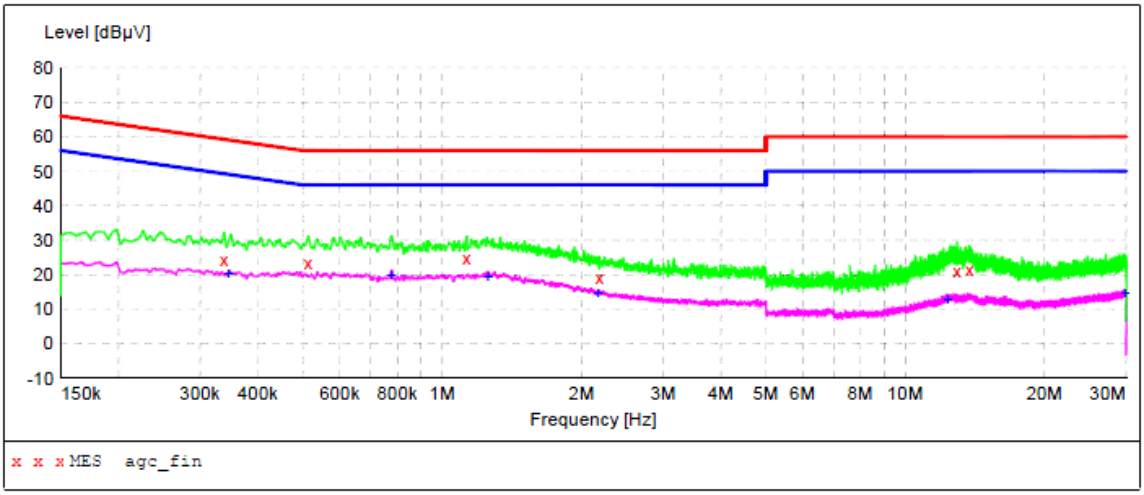
1. EUT and support equipment was set up on the test bench as per step 2 of the preliminary test.
2. A scan was taken on both power lines, Line 1 and Line 2, recording at least the six highest emissions. Emission frequency and amplitude were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit. If EUT emission level was less –2dB to the A.V. limit in Peak mode, then the emission signal was re-checked using Q.P and Average detector.
3. The test data of the worst case was reported on the Summary Data page.
4. A conducted emission is calculated by the following equation:

   •Measurement Level (dBμV) = Receiver reading (dBμV) + Transd (dB)
   •Transd (dB)= AMN Factor(dB)+Cable Loss(dB)+Attenuation(dB)
   •Margin= Limit-Level

7.5 Test Result of Line Conducted Emission Test

#1

AC Power Line Conducted Emission Test			
Test Mode	Mode 1	LISN Line	Hot Side



MEASUREMENT RESULT: "agc_fin"

2025/5/16 14:41

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line
0.338000	24.30	10.3	59	35.0	QP	L1
0.514000	23.40	10.3	56	32.6	QP	L1
1.130000	24.50	10.4	56	31.5	QP	L1
2.186000	19.10	10.5	56	36.9	QP	L1
12.938000	21.10	12.8	60	38.9	QP	L1
13.758000	21.60	13.0	60	38.4	QP	L1

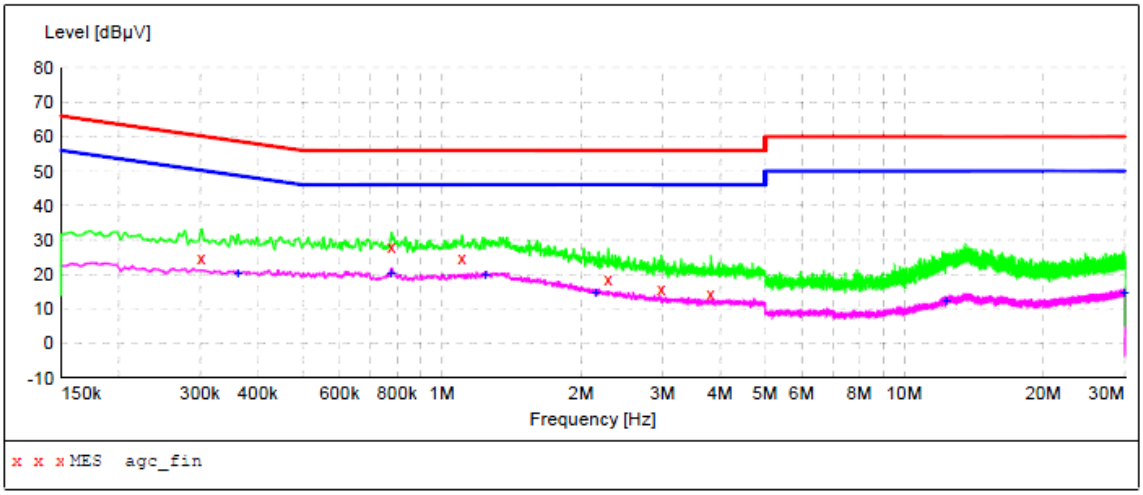
MEASUREMENT RESULT: "agc_fin2"

2025/5/16 14:41

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line
0.346000	20.40	10.3	49	28.7	AV	L1
0.778000	20.20	10.3	46	25.8	AV	L1
1.258000	19.80	10.4	46	26.2	AV	L1
2.174000	14.90	10.5	46	31.1	AV	L1
12.354000	12.90	12.7	50	37.1	AV	L1
29.874000	14.60	18.1	50	35.4	AV	L1

RESULT: Pass

AC Power Line Conducted Emission Test			
Test Mode	Mode 1	LISN Line	Neutral Side



MEASUREMENT RESULT: "agc_fin"

2025/5/16 14:44

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line
0.302000	24.80	10.3	60	35.4	QP	N
0.778000	28.00	10.3	56	28.0	QP	N
1.106000	24.50	10.4	56	31.5	QP	N
2.290000	18.50	10.5	56	37.5	QP	N
2.982000	16.00	10.5	56	40.0	QP	N
3.818000	14.40	10.6	56	41.6	QP	N

MEASUREMENT RESULT: "agc_fin2"

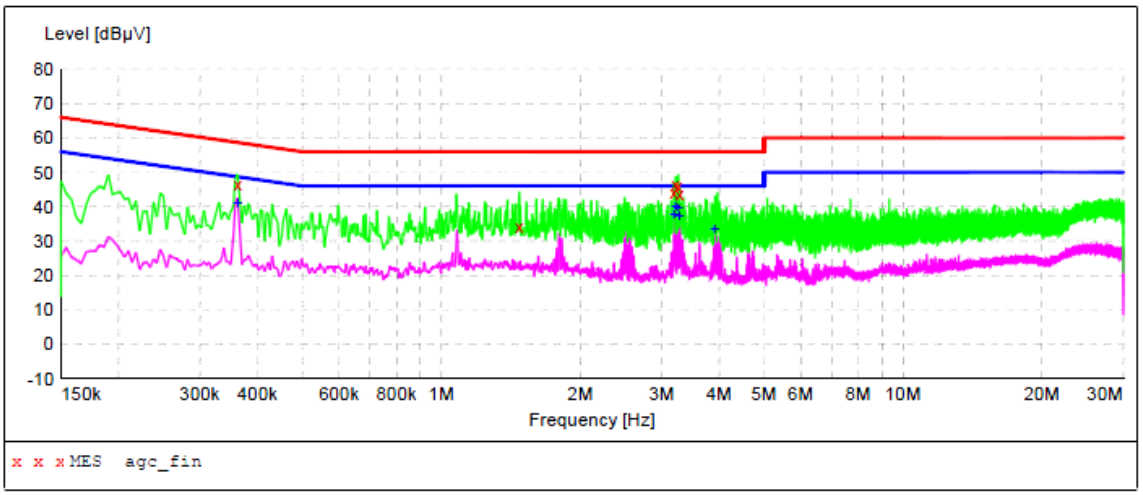
2025/5/16 14:44

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line
0.362000	20.40	10.3	49	28.3	AV	N
0.778000	20.30	10.3	46	25.7	AV	N
1.242000	19.90	10.4	46	26.1	AV	N
2.150000	15.00	10.5	46	31.0	AV	N
12.302000	12.30	12.7	50	37.7	AV	N
29.906000	14.70	18.1	50	35.3	AV	N

RESULT: Pass

#2

AC Power Line Conducted Emission Test			
Test Mode	Mode 1	LISN Line	Hot Side



MEASUREMENT RESULT: "agc_fin"

2025/5/16 14:07

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line
0.362000	46.40	10.3	59	12.3	QP	L1
1.474000	34.20	10.4	56	21.8	QP	L1
3.194000	43.90	10.5	56	12.1	QP	L1
3.218000	46.50	10.5	56	9.5	QP	L1
3.262000	45.80	10.6	56	10.2	QP	L1
3.286000	43.70	10.6	56	12.3	QP	L1

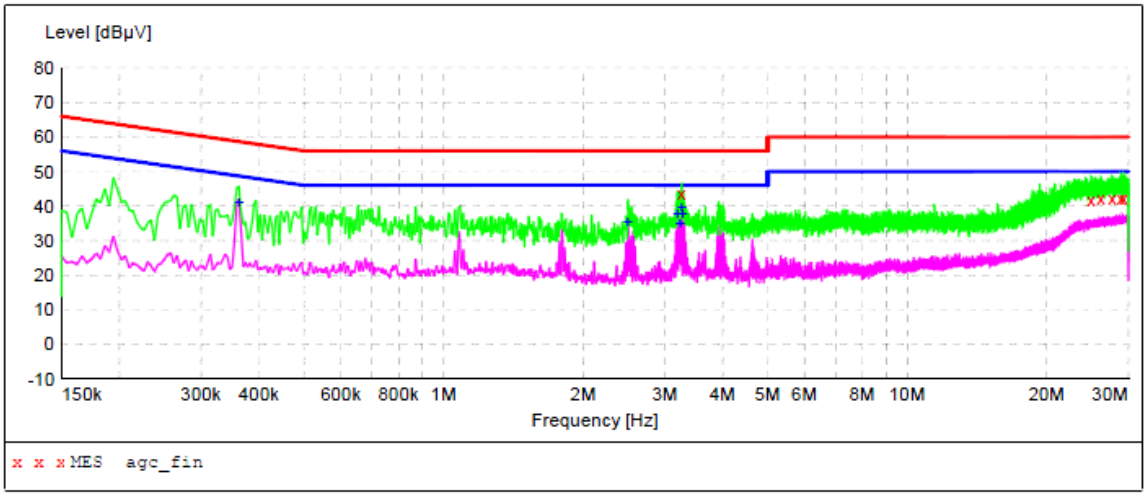
MEASUREMENT RESULT: "agc_fin2"

2025/5/16 14:07

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line
0.362000	41.20	10.3	49	7.5	AV	L1
3.194000	37.80	10.5	46	8.2	AV	L1
3.218000	40.40	10.5	46	5.6	AV	L1
3.262000	39.80	10.6	46	6.2	AV	L1
3.286000	37.70	10.6	46	8.3	AV	L1
3.914000	33.70	10.7	46	12.3	AV	L1

RESULT: Pass

AC Power Line Conducted Emission Test			
Test Mode	Mode 1	LISN Line	Neutral Side



MEASUREMENT RESULT: "agc_fin"

2025/5/16 14:10

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line
3.262000	43.60	10.6	56	12.4	QP	N
24.926000	41.80	16.6	60	18.2	QP	N
26.198000	42.00	17.0	60	18.0	QP	N
27.706000	42.40	17.5	60	17.6	QP	N
28.898000	42.30	17.8	60	17.7	QP	N
29.334000	42.40	17.9	60	17.6	QP	N

MEASUREMENT RESULT: "agc_fin2"

2025/5/16 14:10

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line
0.362000	41.30	10.3	49	7.4	AV	N
2.498000	35.40	10.5	46	10.6	AV	N
3.194000	37.80	10.5	46	8.2	AV	N
3.238000	35.00	10.6	46	11.0	AV	N
3.262000	39.90	10.6	46	6.1	AV	N
3.286000	37.90	10.6	46	8.1	AV	N

RESULT: Pass

Appendix I: Photographs of Test Setup

Refer to the Report No.: AGC12845221006AP02A

Appendix II: Photographs of Test EUT

Refer to the Report No.: AGC12845221006AP03A

Conditions of Issuance of Test Reports

1. All samples and goods are accepted by the Attestation of Global Compliance (Shenzhen) Co., Ltd (the “Company”) solely for testing and reporting in accordance with the following terms and conditions. The company provides its services on the basis that such terms and conditions constitute express agreement between the company and any person, firm or company requesting its services (the “Clients”).
2. Any report issued by Company as a result of this application for testing services (the “Report”) shall be issued in confidence to the Clients and the Report will be strictly treated as such by the Company. It may not be reproduced either in its entirety or in part and it may not be used for advertising or other unauthorized purposes without the written consent of the Company. The Clients to whom the Report is issued may, however, show or send it, or a certified copy thereof prepared by the Company to its customer, supplier or other persons directly concerned. The Company will not, without the consent of the Clients, enter into any discussion or correspondence with any third party concerning the contents of the Report, unless required by the relevant governmental authorities, laws or court orders.
3.The Company shall not be called or be liable to be called to give evidence or testimony on the Report in a court of law without its prior written consent, unless required by the relevant governmental authorities, laws or court orders.
4. In the event of the improper use of the report as determined by the Company, the Company reserves the right to withdraw it, and to adopt any other additional remedies which may be appropriate.
5. Samples submitted for testing are accepted on the understanding that the Report issued cannot form the basis of, or be the instrument for, any legal action against the Company.
6. The Company will not be liable for or accept responsibility for any loss or damage however arising from the use of information contained in any of its Reports or in any communication whatsoever about its said tests or investigations.
7.Clients wishing to use the Report in court proceedings or arbitration shall inform the Company to that effect prior to submitting the sample for testing.
8. The Company is not responsible for recalling the electronic version of the original report when any revision is made to them. The Client assumes the responsibility to providing the revised version to any interested party who uses them.
9. Subject to the variable length of retention time for test data and report stored hereinto as otherwise specifically required by individual accreditation authorities, the Company will only keep the supporting test data and information of the test report for a period of six years. The data and information will be disposed of after the aforementioned retention period has elapsed. Under no circumstances shall we provide any data and information which has been disposed of after retention period. Under no circumstances shall we be liable for damage of any kind, including (but not limited to) compensatory damages, lost profits, lost data, or any form of special, incidental, indirect, consequential or punitive damages of any kind, whether based on breach of contract of warranty, tort (including negligence), product liability or otherwise, even if we are informed in advance of the possibility of such damages.

-----End of Report-----