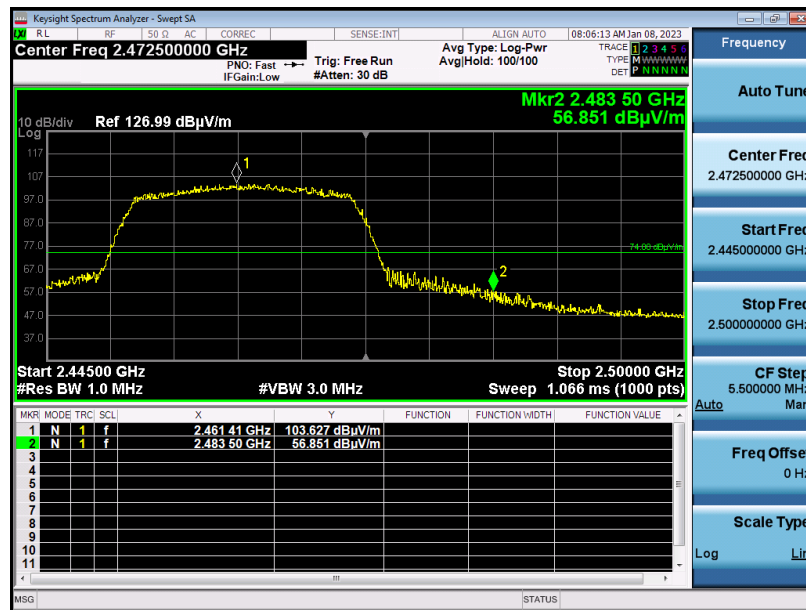
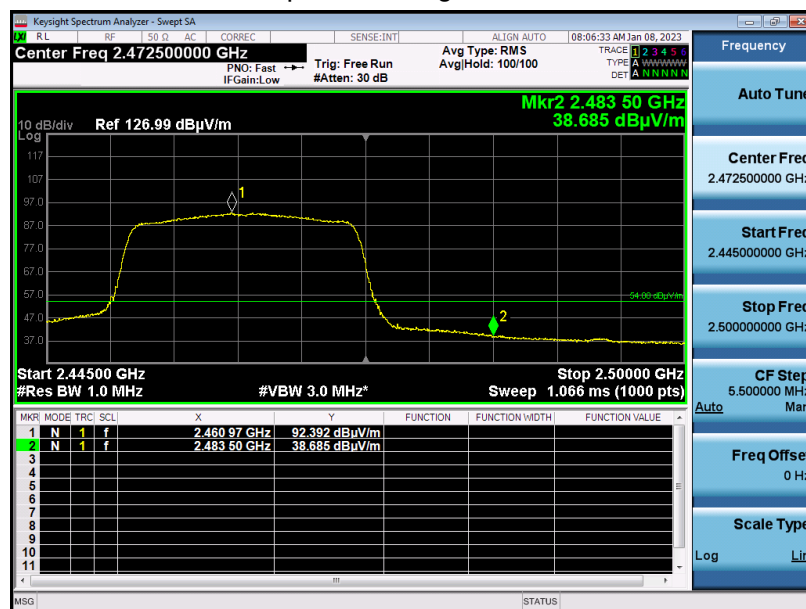


EUT	Cleaning Robot	Model Name	SVBR01CL
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	Mode 12	Antenna	Vertical

Test Graph for Peak Measurement



Test Graph for Average Measurement



RESULT: PASS

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12. LINE CONDUCTED EMISSION TEST

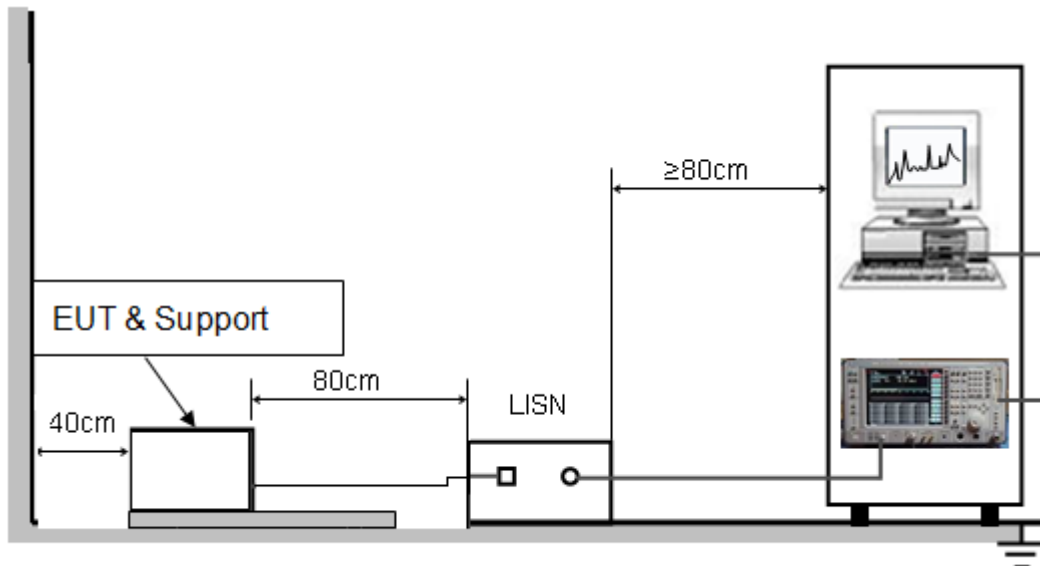
12.1. LIMITS OF LINE CONDUCTED EMISSION TEST

Frequency	Maximum RF Line Voltage	
	Q.P (dB μ V)	Average (dB μ V)
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.

12.2. BLOCK DIAGRAM OF LINE CONDUCTED EMISSION TEST



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12.3. 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 0.1 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 5V 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.

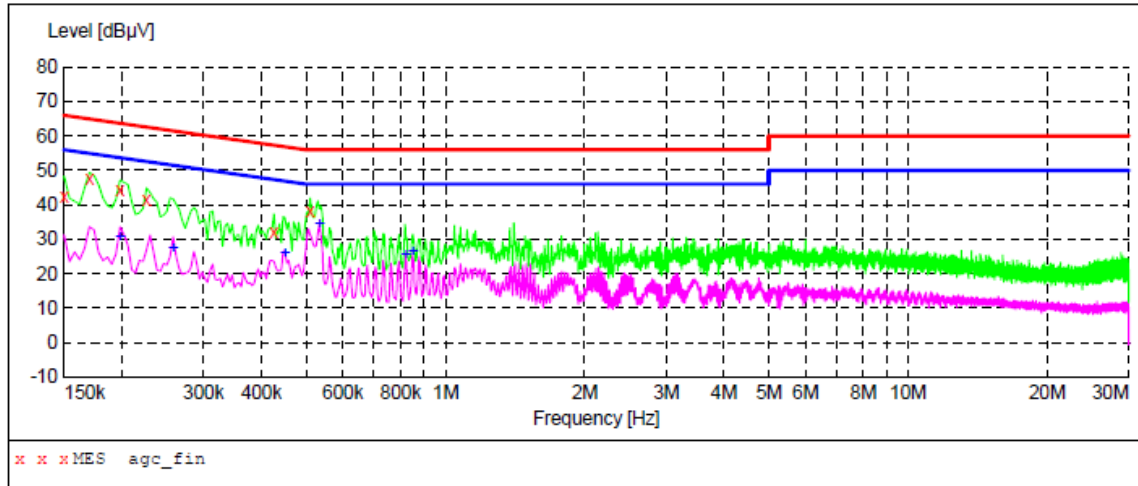
Then, the EUT configuration and cable configuration of the above highest emission level were recorded for reference of final testing.

12.4. 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.

12.5. TEST RESULT OF LINE CONDUCTED EMISSION TEST

Line Conducted Emission Test Line 1-L



MEASUREMENT RESULT: "agc_fin"

2023/1/10 16:33

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line
0.150000	42.40	6.9	66	23.6	QP	L1
0.170000	47.40	6.8	65	17.6	QP	L1
0.198000	44.40	6.6	64	19.3	QP	L1
0.226000	41.60	6.4	63	21.0	QP	L1
0.426000	32.20	5.6	57	25.1	QP	L1
0.510000	38.20	5.4	56	17.8	QP	L1

MEASUREMENT RESULT: "agc_fin2"

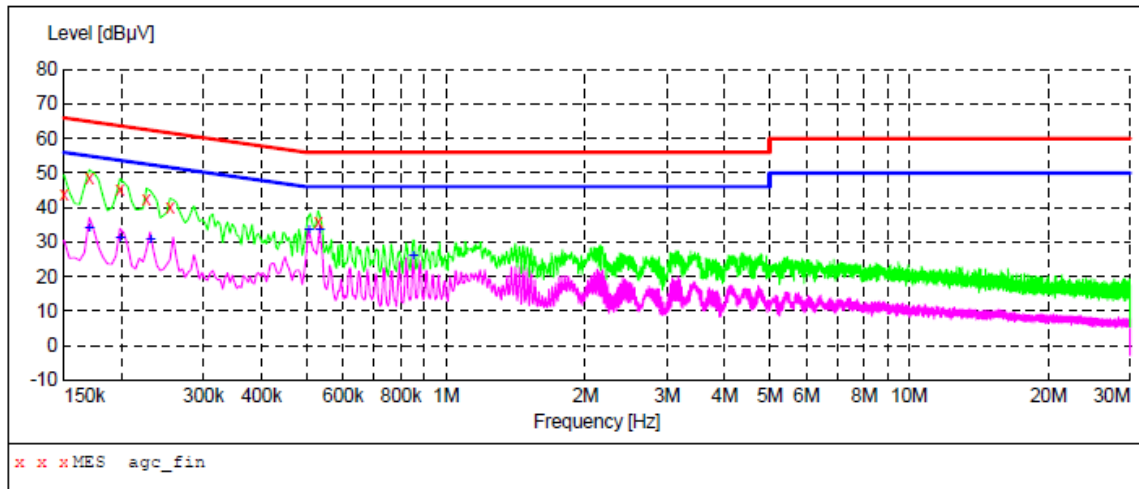
2023/1/10 16:33

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line
0.198000	30.40	6.6	54	23.3	AV	L1
0.258000	27.30	6.2	52	24.2	AV	L1
0.450000	26.10	5.5	47	20.8	AV	L1
0.534000	34.40	5.4	46	11.6	AV	L1
0.822000	25.40	5.4	46	20.6	AV	L1
0.850000	26.60	5.4	46	19.4	AV	L1

RESULT: PASS

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Line Conducted Emission Test Line 2-N



MEASUREMENT RESULT: "agc_fin"

2023/1/10 16:30

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line
0.150000	43.70	6.9	66	22.3	QP	N
0.170000	48.60	6.8	65	16.4	QP	N
0.198000	45.40	6.6	64	18.3	QP	N
0.226000	42.60	6.4	63	20.0	QP	N
0.254000	39.90	6.2	62	21.7	QP	N
0.530000	35.90	5.4	56	20.1	QP	N

MEASUREMENT RESULT: "agc_fin2"

2023/1/10 16:30

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line
0.170000	34.10	6.8	55	20.9	AV	N
0.198000	31.30	6.6	54	22.4	AV	N
0.230000	30.50	6.4	52	21.9	AV	N
0.506000	33.30	5.4	46	12.7	AV	N
0.534000	33.50	5.4	46	12.5	AV	N
0.850000	26.10	5.4	46	19.9	AV	N

RESULT: PASS

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APPENDIX A: PHOTOGRAPHS OF TEST SETUP

Refer to the Report No.: AGC12845221006AP02

APPENDIX B: PHOTOGRAPHS OF EUT

Refer to the Report No.: AGC12845221006AP03

----END OF REPORT----

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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.

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