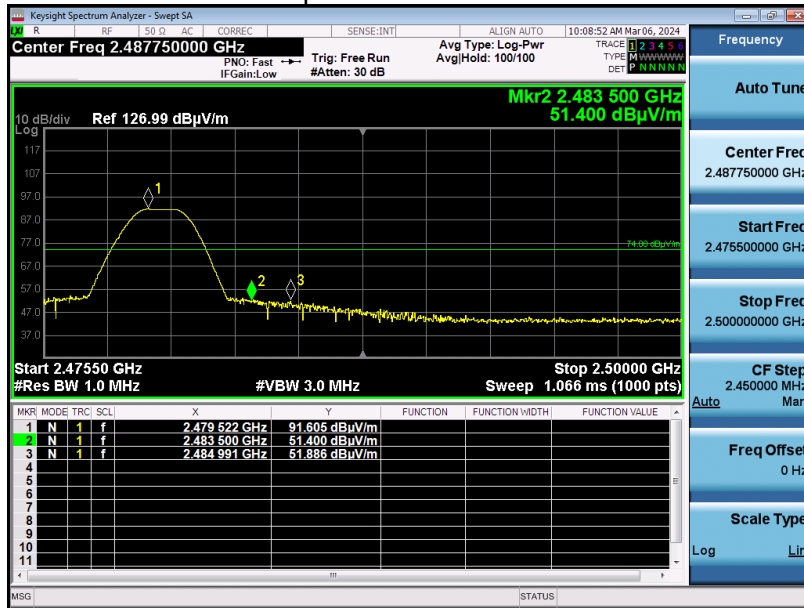


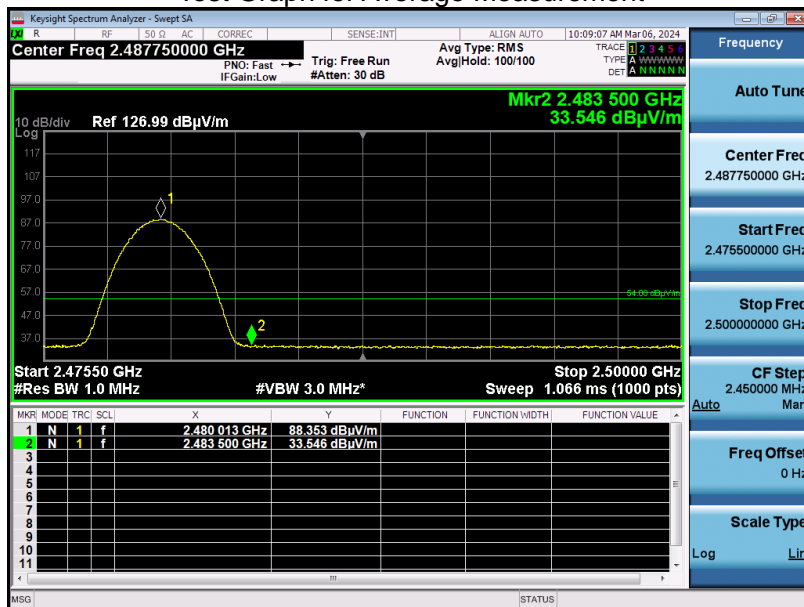
### Band Edge Emission Test Results for Restricted Bands

EUT Name	4G smart PAD	Model Name	AGM_PAD_P2
Temperature	25°C	Relative Humidity	55.4%
Pressure	960hPa	Test Voltage	DC 3.85V by battery
Test Mode	Mode 6	Antenna Polarity	Vertical

Test Graph for Peak Measurement



Test Graph for Average Measurement



### RESULT: Pass

Note: The factor had been edited in the "Input Correction" of the Spectrum Analyzer.

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## 12. AC Power Line Conducted Emission Test

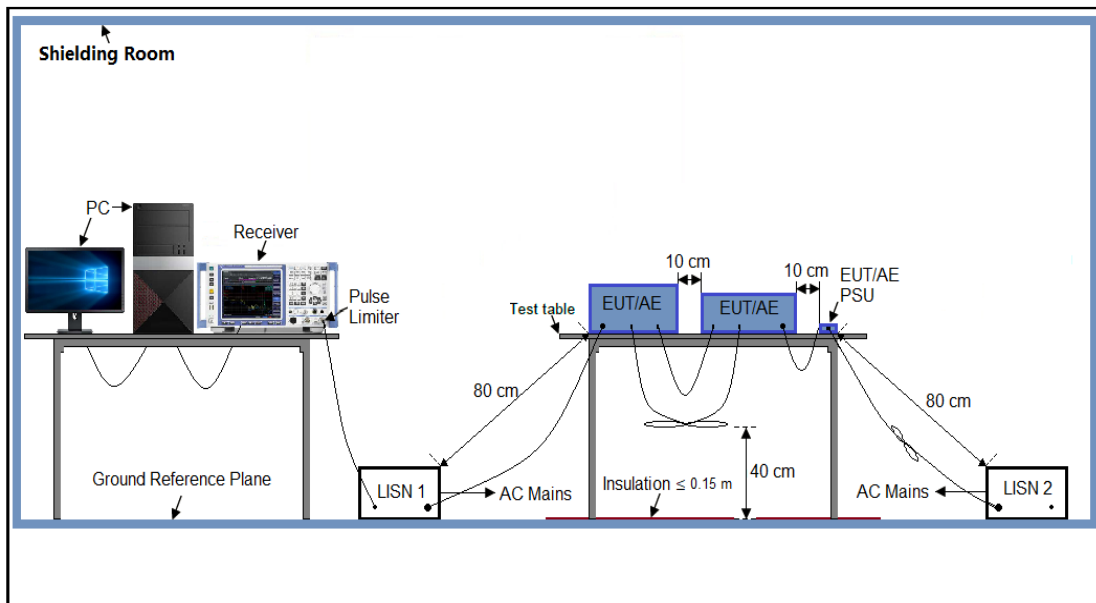
### 12.1 Measurement Limit

Frequency	Maximum RF Line Voltage	
	Q.P. (dB $\mu$ V)	Average (dB $\mu$ 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 Measurement Setup (Block Diagram of Configuration)



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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 0.8 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 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

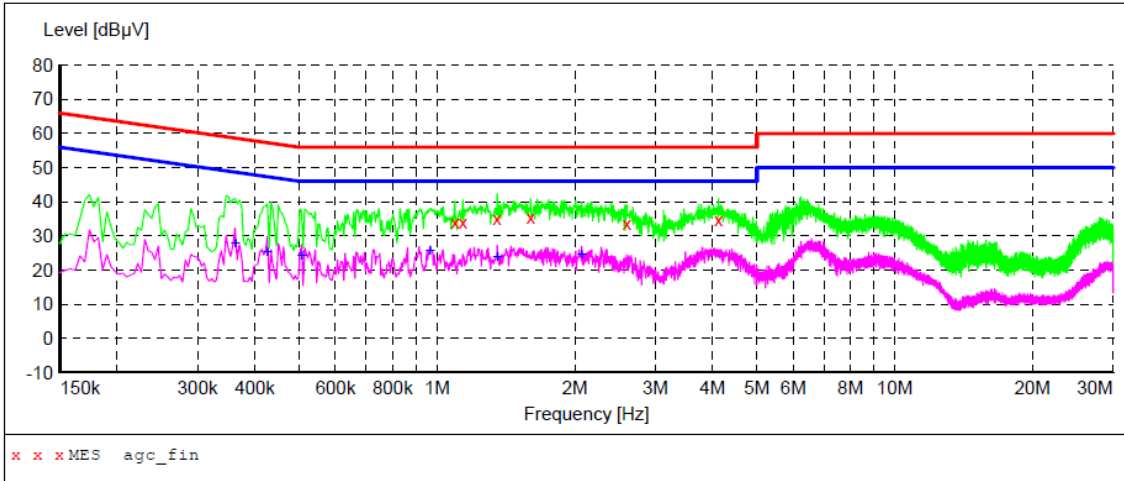
1. EUT and support equipment was set up on the test bench as per step 2 of the preliminary test.
2. A scan was taken on both power lines, Line 1 and Line 2, recording at least the six highest emissions. Emission frequency and amplitude were recorded into a computer in which correction factors were used 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 condition(s) was reported on the Summary Data page.

### 12.5 Measurement Results

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**AC Power Line Conducted Emission Test**

Test Mode	Mode 2	LISN Line	Hot Side
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**MEASUREMENT RESULT: "agc\_fin"**

2024/1/24 11:07

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line
1.094000	34.00	6.2	56	22.0	QP	L1
1.138000	34.10	6.2	56	21.9	QP	L1
1.354000	35.00	6.2	56	21.0	QP	L1
1.602000	35.50	6.2	56	20.5	QP	L1
2.598000	33.50	6.3	56	22.5	QP	L1
4.126000	34.70	6.3	56	21.3	QP	L1

**MEASUREMENT RESULT: "agc\_fin2"**

2024/1/24 11:07

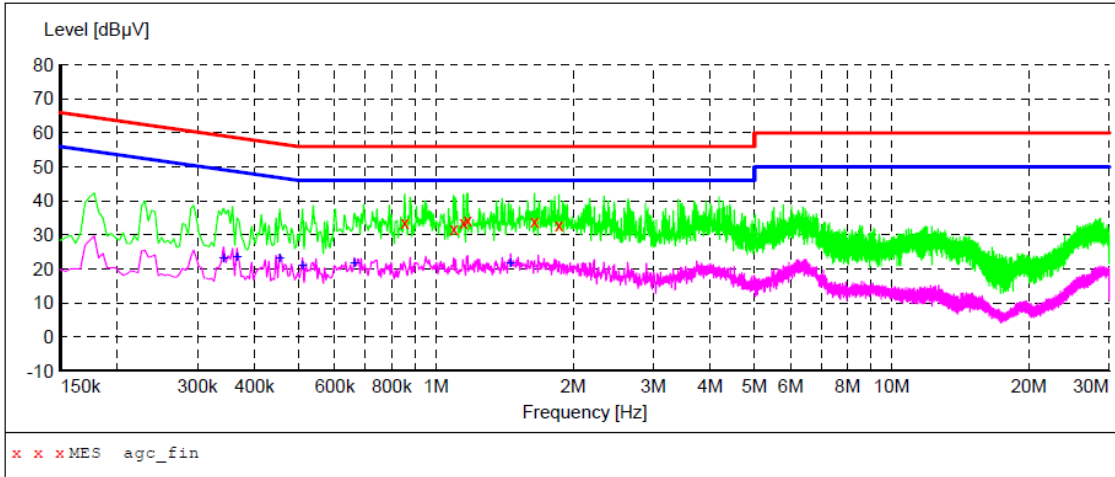
Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line
0.362000	27.80	6.1	49	20.9	AV	L1
0.426000	25.10	6.1	47	22.2	AV	L1
0.506000	24.10	6.2	46	21.9	AV	L1
0.966000	25.60	6.2	46	20.4	AV	L1
1.354000	23.70	6.2	46	22.3	AV	L1
2.070000	24.40	6.2	46	21.6	AV	L1

**RESULT: Pass**

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**AC Power Line Conducted Emission Test**

Test Mode	Mode 2	LISN Line	Neutral Side
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**MEASUREMENT RESULT: "agc\_fin"**

2024/1/24 11:09

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line
0.854000	33.60	6.2	56	22.4	QP	N
1.094000	31.70	6.2	56	24.3	QP	N
1.150000	33.60	6.2	56	22.4	QP	N
1.174000	34.40	6.2	56	21.6	QP	N
1.646000	34.10	6.2	56	21.9	QP	N
1.862000	32.90	6.2	56	23.1	QP	N

**MEASUREMENT RESULT: "agc\_fin2"**

2024/1/24 11:09

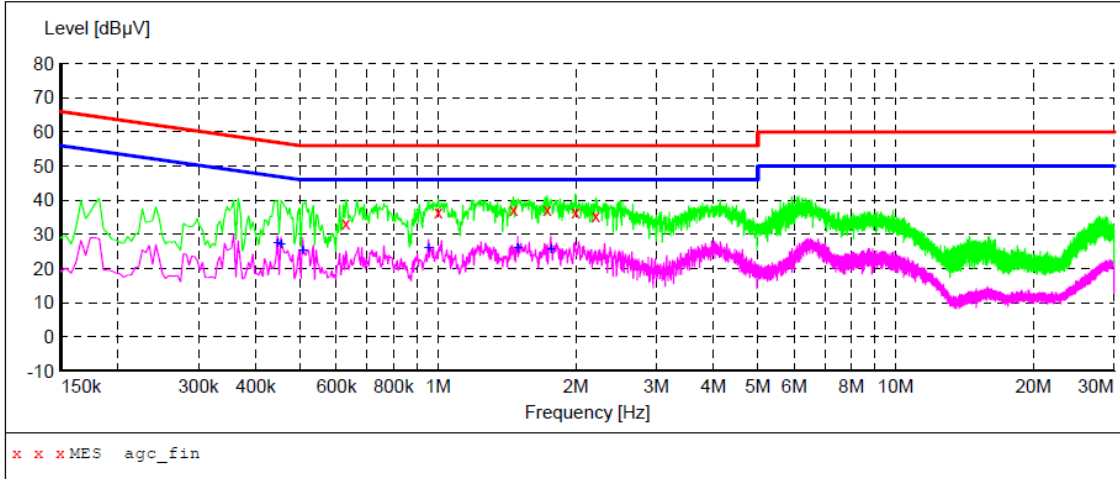
Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line
0.342000	23.00	6.1	49	26.2	AV	N
0.366000	23.40	6.1	49	25.2	AV	N
0.454000	23.30	6.1	47	23.5	AV	N
0.510000	21.10	6.2	46	24.9	AV	N
0.662000	21.50	6.2	46	24.5	AV	N
1.458000	21.60	6.2	46	24.4	AV	N

**RESULT: PASS**

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**AC Power Line Conducted Emission Test**

Test Mode	Mode 5	LISN Line	Hot Side
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**MEASUREMENT RESULT: "agc\_fin"**

2024/1/24 11:16

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line
0.630000	33.10	6.2	56	22.9	QP	L1
1.002000	36.40	6.2	56	19.6	QP	L1
1.462000	37.20	6.2	56	18.8	QP	L1
1.734000	37.20	6.2	56	18.8	QP	L1
1.998000	36.50	6.2	56	19.5	QP	L1
2.214000	35.50	6.3	56	20.5	QP	L1

**MEASUREMENT RESULT: "agc\_fin2"**

2024/1/24 11:16

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line
0.446000	27.60	6.1	47	19.3	AV	L1
0.454000	27.00	6.1	47	19.8	AV	L1
0.506000	25.10	6.2	46	20.9	AV	L1
0.954000	26.00	6.2	46	20.0	AV	L1
1.494000	25.90	6.2	46	20.1	AV	L1
1.766000	25.60	6.2	46	20.4	AV	L1

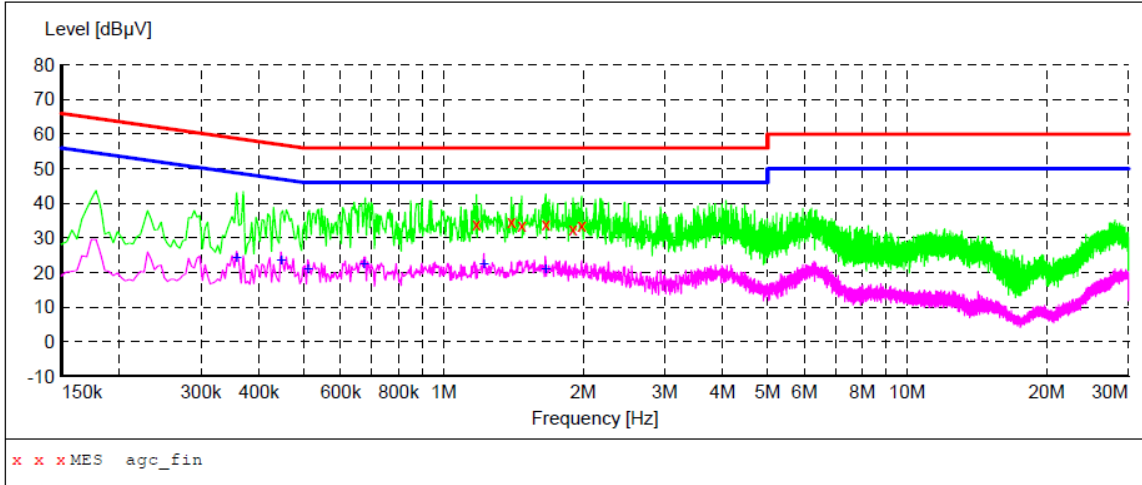
**RESULT: Pass**

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**AC Power Line Conducted Emission Test**

Test Mode	Mode 5	LISN Line	Neutral Side
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**MEASUREMENT RESULT: "agc\_fin"**

2024/1/24 11:13

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line
1.178000	33.80	6.2	56	22.2	QP	N
1.402000	34.50	6.2	56	21.5	QP	N
1.474000	33.50	6.2	56	22.5	QP	N
1.662000	34.10	6.2	56	21.9	QP	N
1.902000	32.40	6.2	56	23.6	QP	N
1.986000	33.70	6.2	56	22.3	QP	N

**MEASUREMENT RESULT: "agc\_fin2"**

2024/1/24 11:13

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line
0.358000	24.00	6.1	49	24.8	AV	N
0.446000	23.40	6.1	47	23.5	AV	N
0.510000	21.00	6.2	46	25.0	AV	N
0.674000	22.40	6.2	46	23.6	AV	N
1.222000	22.40	6.2	46	23.6	AV	N
1.658000	20.80	6.2	46	25.2	AV	N

**RESULT: PASS**

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**Appendix I: Photographs of Test Setup**

Refer to the Report No.: AGC00408240102AP05

**Appendix II: Photographs of Test EUT**

Refer to the Report No.: AGC00408240102AP04

**-----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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