

EUT	BOCINA BT RGB 350 RGB BT SPEAKER	Model Name	ET-SK010
Temperature	25°C	Relative Humidity	55.4%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	Mode 2	Antenna	Horizontal

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
4882.000	45.29	0.14	45.43	74	-28.57	peak
4882.000	37.42	0.14	37.56	54	-16.44	AVG
7323.000	41.05	2.36	43.41	74	-30.59	peak
7323.000	30.65	2.36	33.01	54	-20.99	AVG

Remark:

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

EUT	BOCINA BT RGB 350 RGB BT SPEAKER	Model Name	ET-SK010
Temperature	25°C	Relative Humidity	55.4%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	Mode 2	Antenna	Vertical

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
4882.000	45.26	0.14	45.4	74	-28.6	peak
4882.000	36.97	0.14	37.11	54	-16.89	AVG
7323.000	40.13	2.36	42.49	74	-31.51	peak
7323.000	31.58	2.36	33.94	54	-20.06	AVG

Remark:

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

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EUT	BOCINA BT RGB 350 RGB BT SPEAKER	Model Name	ET-SK010
Temperature	25°C	Relative Humidity	55.4%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	Mode 3	Antenna	Horizontal

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
4960.000	46.28	0.22	46.5	74	-27.5	peak
4960.000	36.28	0.22	36.5	54	-17.5	AVG
7440.000	41.08	2.64	43.72	74	-30.28	peak
7440.000	32.46	2.64	35.1	54	-18.9	AVG

Remark:

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

EUT	BOCINA BT RGB 350 RGB BT SPEAKER	Model Name	ET-SK010
Temperature	25°C	Relative Humidity	55.4%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	Mode 3	Antenna	Vertical

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
4960.000	46.28	0.22	46.5	74	-27.5	peak
4960.000	36.57	0.22	36.79	54	-17.21	AVG
7440.000	41.59	2.64	44.23	74	-29.77	peak
7440.000	32.57	2.64	35.21	54	-18.79	AVG

Remark:

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

RESULT: PASS

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EUT	BOCINA BT RGB 350 RGB BT SPEAKER	Model Name	ET-SK010
Temperature	25°C	Relative Humidity	55.4%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	Mode 4	Antenna	Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Type
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
4804.000	46.29	0.08	46.37	74	-27.63	peak
4804.000	37.51	0.08	37.59	54	-16.41	AVG
7206.000	41.09	2.21	43.3	74	-30.7	peak
7206.000	31.49	2.21	33.7	54	-20.3	AVG
Remark:						
Factor = Antenna Factor + Cable Loss – Pre-amplifier.						

EUT	BOCINA BT RGB 350 RGB BT SPEAKER	Model Name	ET-SK010
Temperature	25°C	Relative Humidity	55.4%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	Mode 4	Antenna	Vertical

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Type
(MHz)	(dBμV)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
4804.000	45.29	0.08	45.37	74	-28.63	peak
4804.000	36.17	0.08	36.25	54	-17.75	AVG
7206.000	40.15	2.21	42.36	74	-31.64	peak
7206.000	31.52	2.21	33.73	54	-20.27	AVG
Remark:						
Factor = Antenna Factor + Cable Loss – Pre-amplifier.						

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EUT	BOCINA BT RGB 350 RGB BT SPEAKER	Model Name	ET-SK010
Temperature	25°C	Relative Humidity	55.4%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	Mode 5	Antenna	Horizontal

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
4882.000	46.29	0.14	46.43	74	-27.57	peak
4882.000	36.18	0.14	36.32	54	-17.68	AVG
7323.000	41.26	2.36	43.62	74	-30.38	peak
7323.000	30.57	2.36	32.93	54	-21.07	AVG

Remark:

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

EUT	BOCINA BT RGB 350 RGB BT SPEAKER	Model Name	ET-SK010
Temperature	25°C	Relative Humidity	55.4%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	Mode 5	Antenna	Vertical

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
4882.000	46.26	0.14	46.4	74	-27.6	peak
4882.000	36.27	0.14	36.41	54	-17.59	AVG
7323.000	40.18	2.36	42.54	74	-31.46	peak
7323.000	31.26	2.36	33.62	54	-20.38	AVG

Remark:

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

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EUT	BOCINA BT RGB 350 RGB BT SPEAKER	Model Name	ET-SK010
Temperature	25°C	Relative Humidity	55.4%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	Mode 6	Antenna	Horizontal

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
4960.000	46.28	0.22	46.5	74	-27.5	peak
4960.000	37.54	0.22	37.76	54	-16.24	AVG
7440.000	41.06	2.64	43.7	74	-30.3	peak
7440.000	32.49	2.64	35.13	54	-18.87	AVG

Remark:

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

EUT	BOCINA BT RGB 350 RGB BT SPEAKER	Model Name	ET-SK010
Temperature	25°C	Relative Humidity	55.4%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	Mode 6	Antenna	Vertical

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
4960.000	47.51	0.22	47.73	74	-26.27	peak
4960.000	36.58	0.22	36.8	54	-17.2	AVG
7440.000	42.16	2.64	44.8	74	-29.2	peak
7440.000	31.94	2.64	34.58	54	-19.42	AVG

Remark:

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

RESULT: PASS

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EUT	BOCINA BT RGB 350 RGB BT SPEAKER	Model Name	ET-SK010
Temperature	25°C	Relative Humidity	55.4%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	Mode 7	Antenna	Horizontal

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
4804.000	47.51	0.08	47.59	74	-26.41	peak
4804.000	38.56	0.08	38.64	54	-15.36	AVG
7206.000	42.34	2.21	44.55	74	-29.45	peak
7206.000	33.49	2.21	35.7	54	-18.3	AVG

Remark:

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

EUT	BOCINA BT RGB 350 RGB BT SPEAKER	Model Name	ET-SK010
Temperature	25°C	Relative Humidity	55.4%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	Mode 7	Antenna	Vertical

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
4804.000	46.28	0.08	46.36	74	-27.64	peak
4804.000	36.31	0.08	36.39	54	-17.61	AVG
7206.000	40.15	2.21	42.36	74	-31.64	peak
7206.000	30.21	2.21	32.42	54	-21.58	AVG

Remark:

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

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EUT	BOCINA BT RGB 350 RGB BT SPEAKER	Model Name	ET-SK010
Temperature	25°C	Relative Humidity	55.4%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	Mode 8	Antenna	Horizontal

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
4882.000	46.29	0.14	46.43	74	-27.57	peak
4882.000	37.51	0.14	37.65	54	-16.35	AVG
7323.000	41.06	2.36	43.42	74	-30.58	peak
7323.000	31.46	2.36	33.82	54	-20.18	AVG

Remark:

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

EUT	BOCINA BT RGB 350 RGB BT SPEAKER	Model Name	ET-SK010
Temperature	25°C	Relative Humidity	55.4%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	Mode 8	Antenna	Vertical

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
4882.000	46.29	0.14	46.43	74	-27.57	peak
4882.000	37.51	0.14	37.65	54	-16.35	AVG
7323.000	41.06	2.36	43.42	74	-30.58	peak
7323.000	32.54	2.36	34.9	54	-19.1	AVG

Remark:

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

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EUT	BOCINA BT RGB 350 RGB BT SPEAKER	Model Name	ET-SK010
Temperature	25°C	Relative Humidity	55.4%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	Mode 9	Antenna	Horizontal

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
4960.000	46.28	0.22	46.5	74	-27.5	peak
4960.000	36.17	0.22	36.39	54	-17.61	AVG
7440.000	42.15	2.64	44.79	74	-29.21	peak
7440.000	31.15	2.64	33.79	54	-20.21	AVG

Remark:

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

EUT	BOCINA BT RGB 350 RGB BT SPEAKER	Model Name	ET-SK010
Temperature	25°C	Relative Humidity	55.4%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	Mode 9	Antenna	Vertical

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
4960.000	48.51	0.22	48.73	74	-25.27	peak
4960.000	36.54	0.22	36.76	54	-17.24	AVG
7440.000	41.16	2.64	43.8	74	-30.2	peak
7440.000	32.58	2.64	35.22	54	-18.78	AVG

Remark:

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

RESULT: PASS

Note:

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.

Factor = Antenna Factor + Cable loss - Amplifier gain, Over=Measure-Limit.

The “Factor” value can be calculated automatically by software of measurement system.

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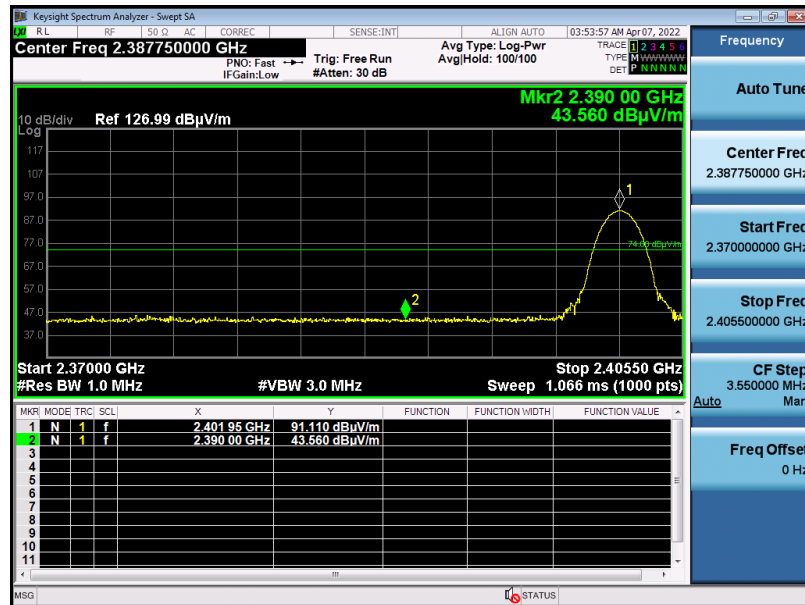
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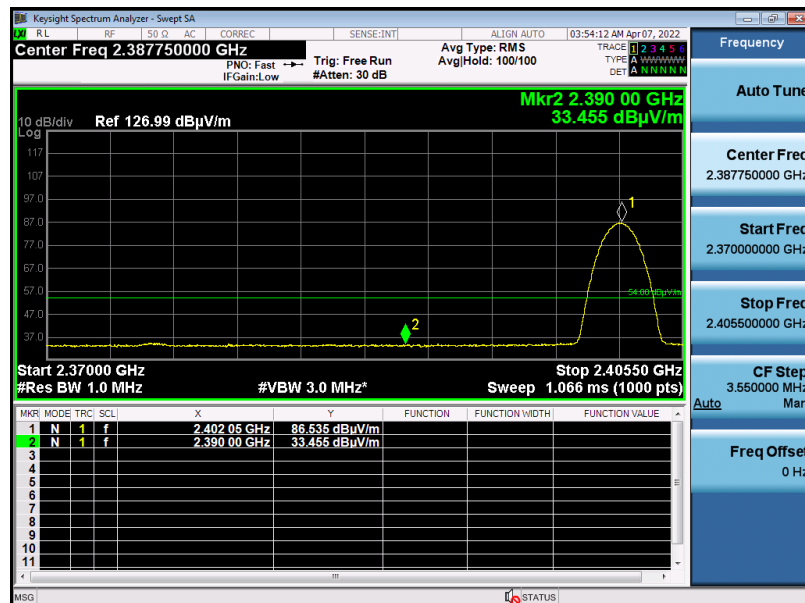
Test result for band edge emission at restricted bands

EUT	BOCINA BT RGB 350 RGB BT SPEAKER	Model Name	ET-SK010
Temperature	25°C	Relative Humidity	55.4%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	Mode 7	Antenna	Horizontal

Test Graph for Peak Measurement



Test Graph for Average Measurement



RESULT: PASS

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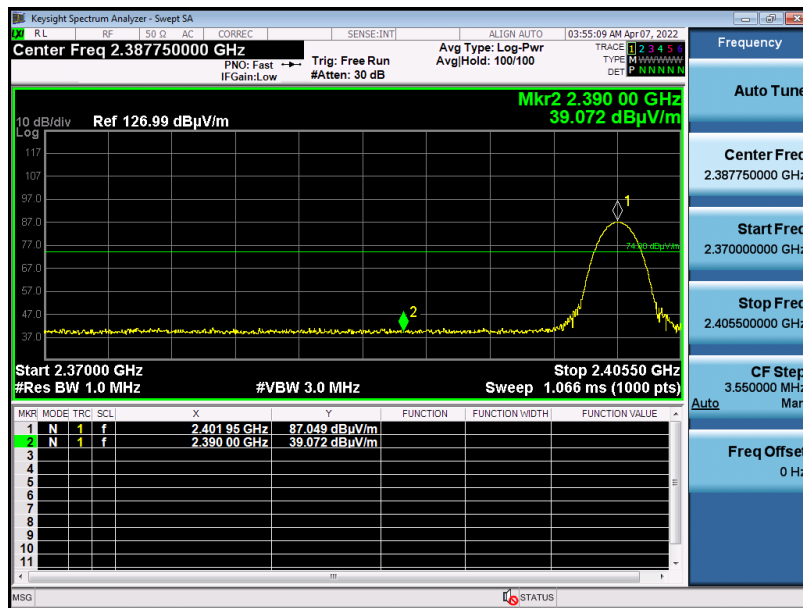
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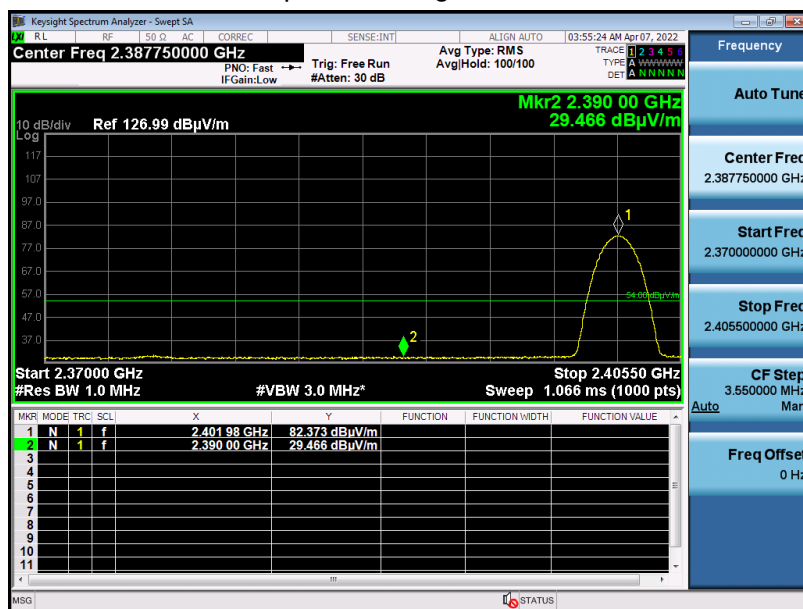
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EUT	BOCINA BT RGB 350 RGB BT SPEAKER	Model Name	ET-SK010
Temperature	25°C	Relative Humidity	55.4%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	Mode 7	Antenna	Vertical

Test Graph for Peak Measurement



Test Graph for Average Measurement



RESULT: PASS

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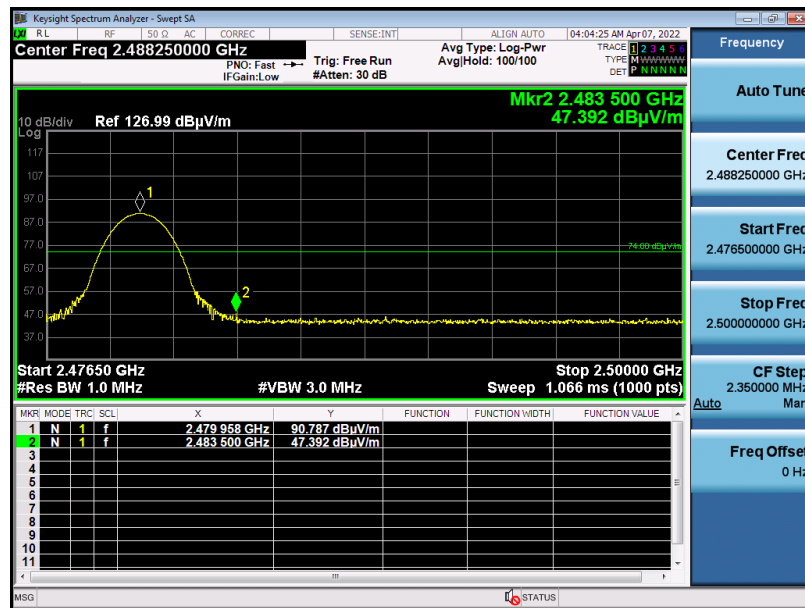
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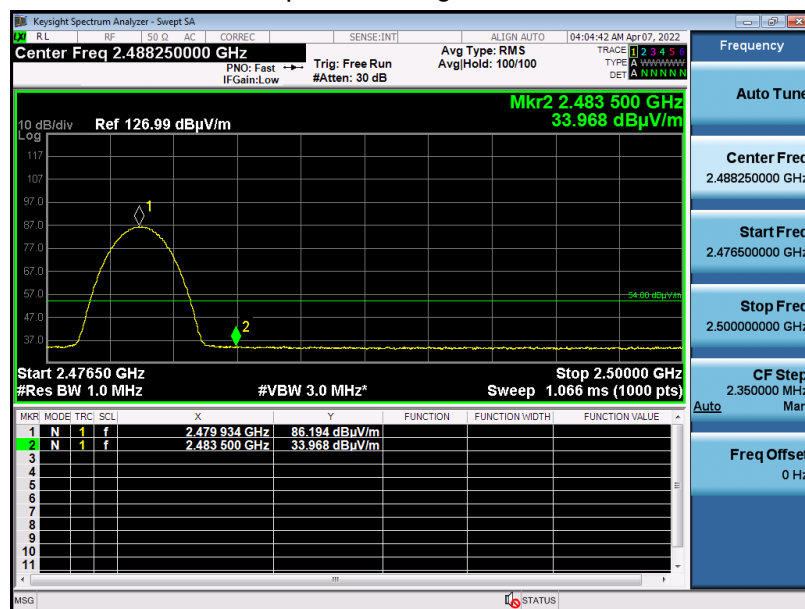
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EUT	BOCINA BT RGB 350 RGB BT SPEAKER	Model Name	ET-SK010
Temperature	25°C	Relative Humidity	55.4%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	Mode 9	Antenna	Horizontal

Test Graph for Peak Measurement



Test Graph for Average Measurement



RESULT: PASS

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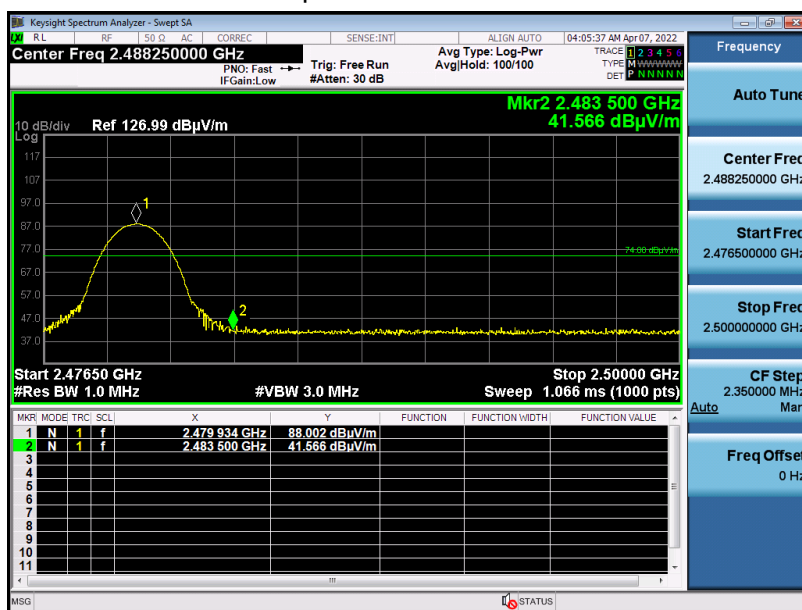
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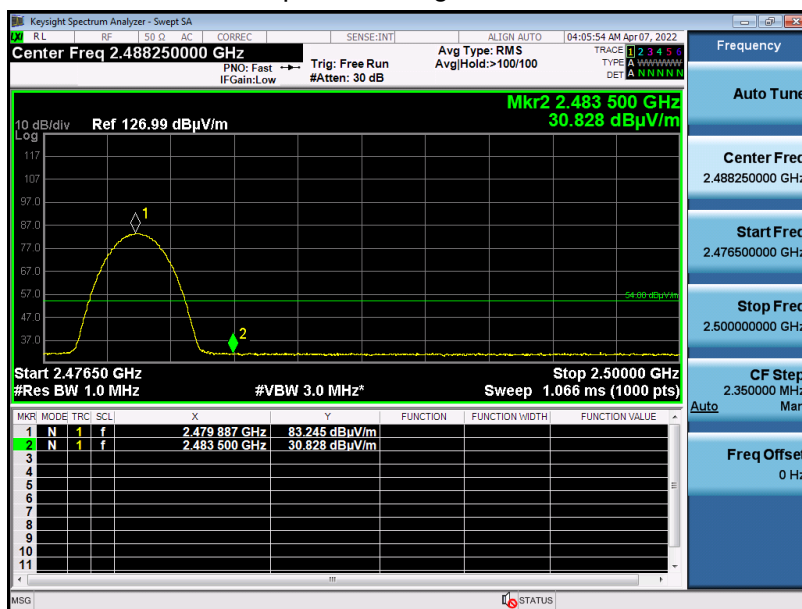
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EUT	BOCINA BT RGB 350 RGB BT SPEAKER	Model Name	ET-SK010
Temperature	25°C	Relative Humidity	55.4%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	Mode 9	Antenna	Vertical

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. The 8DPSK modulation is the worst case and recorded in the report.

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11. NUMBER OF HOPPING FREQUENCY

11.1. MEASUREMENT PROCEDURE

The EUT shall have its hopping function enabled. Use the following spectrum analyzer settings:

1. Span: The frequency band of operation. Depending on the number of channels the device supports, it may be necessary to divide the frequency range of operation across multiple spans, to allow the individual channels to be clearly seen.
2. RBW: To identify clearly the individual channels, set the RBW to less than 30% of the channel spacing or the 20 dB bandwidth, whichever is smaller.
3. VBW $\geq$ RBW. Sweep: Auto. Detector function: Peak. Trace: Max hold.
4. Allow the trace to stabilize.

11.2. TEST SETUP (BLOCK DIAGRAM OF CONFIGURATION)

Same as described in section 8.2

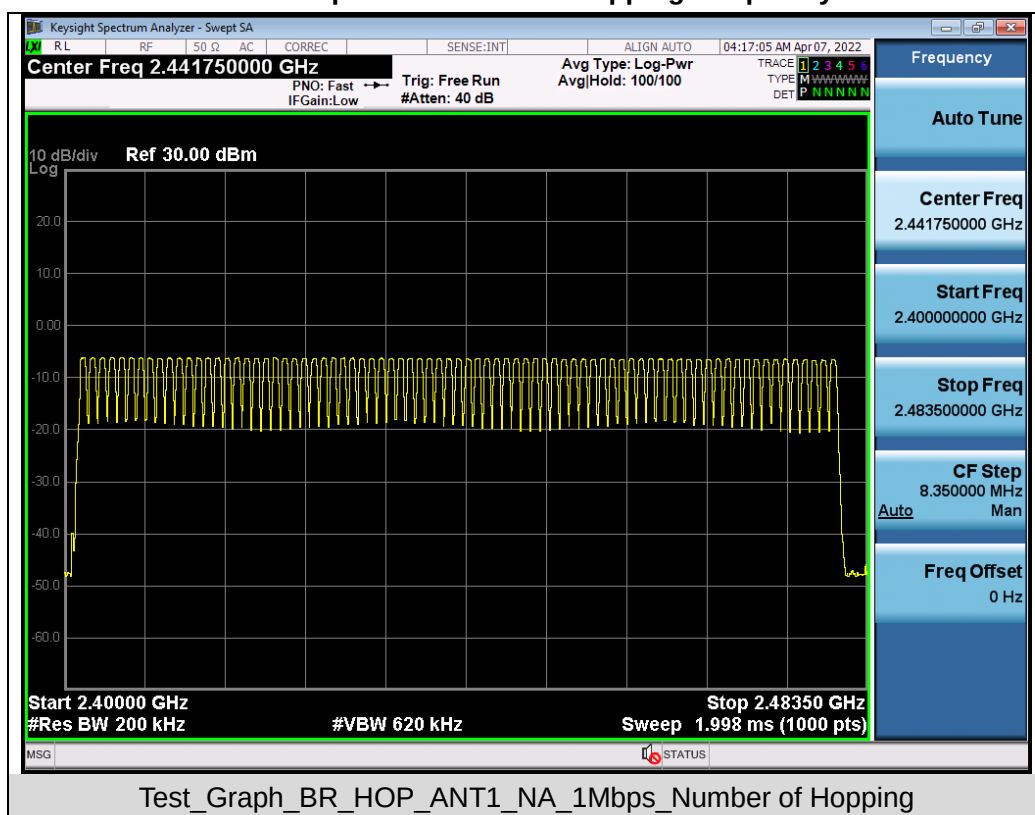
11.3. MEASUREMENT EQUIPMENT USED

The same as described in section 6

11.4. LIMITS AND MEASUREMENT RESULT

Test Data of Number of Hopping Frequency			
Test Mode	Number of Hopping Frequency	Limits	Pass or Fail
GFSK Hopping	79	≥ 15	Pass

Test Graphs of Number of Hopping Frequency



Note: The GFSK modulation is the worst case and recorded in the report.

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12. TIME OF OCCUPANCY (DWELL TIME)

12.1. MEASUREMENT PROCEDURE

The EUT shall have its hopping function enabled. Use the following spectrum analyzer settings:

1. Span: Zero span, centered on a hopping channel.
2. RBW shall be $\leq$ channel spacing and where possible RBW should be set $\gg 1/T$, where T is the expected dwell time per channel.
3. Sweep: As necessary to capture the entire dwell time per hopping channel; where possible use a video trigger and trigger delay so that the transmitted signal starts a little to the right of the start of the plot. The trigger level might need slight adjustment to prevent triggering when the system hops on an adjacent channel; a second plot might be needed with a longer sweep time to show two successive hops on a channel.
4. Detector function: Peak. Trace: Max hold.
5. Use the marker-delta function to determine the transmit time per hop.
6. Repeat the measurement using a longer sweep time to determine the number of hops over the period specified in the requirements. The sweep time shall be equal to, or less than, the period specified in the requirements. Determine the number of hops over the sweep time and calculate the total number of hops in the period specified in the requirements, using the following equation:
(Number of hops in the period specified in the requirements) = (number of hops on spectrum analyzer) $\times$ (period specified in the requirements / analyzer sweep time)
7. The average time of occupancy is calculated from the transmit time per hop multiplied by the number of hops in the period specified in the requirements.

12.2. TEST SETUP (BLOCK DIAGRAM OF CONFIGURATION)

Same as described in section 8.2

12.3. MEASUREMENT EQUIPMENT USED

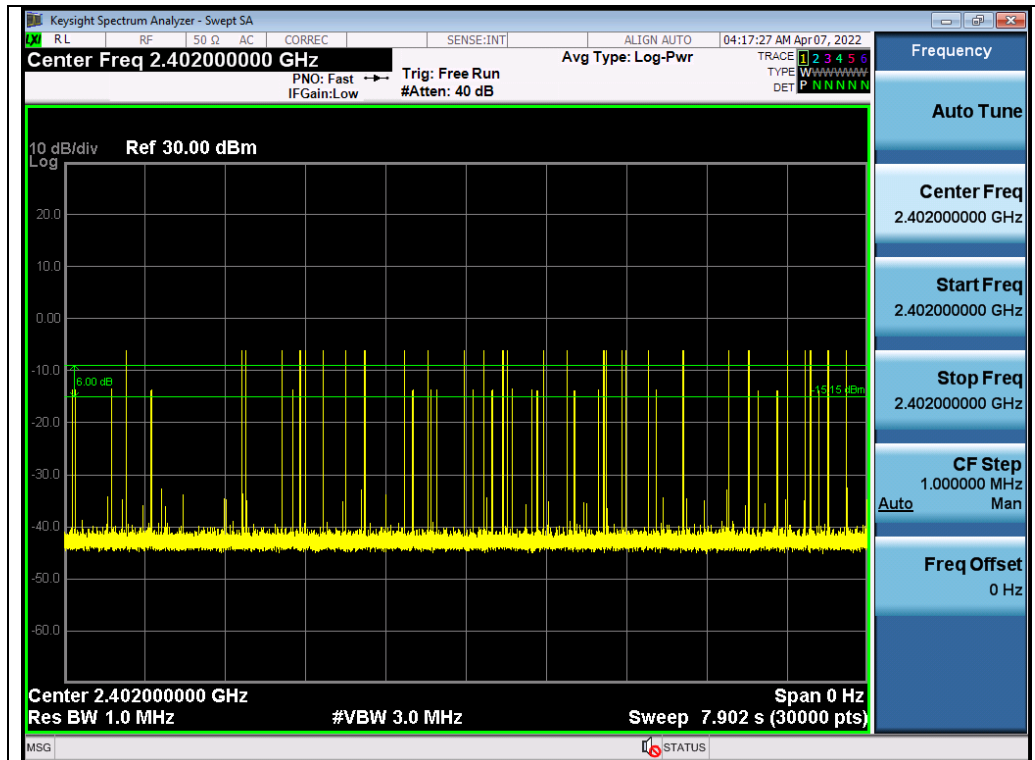
The same as described in section 6

12.4. LIMITS AND MEASUREMENT RESULT

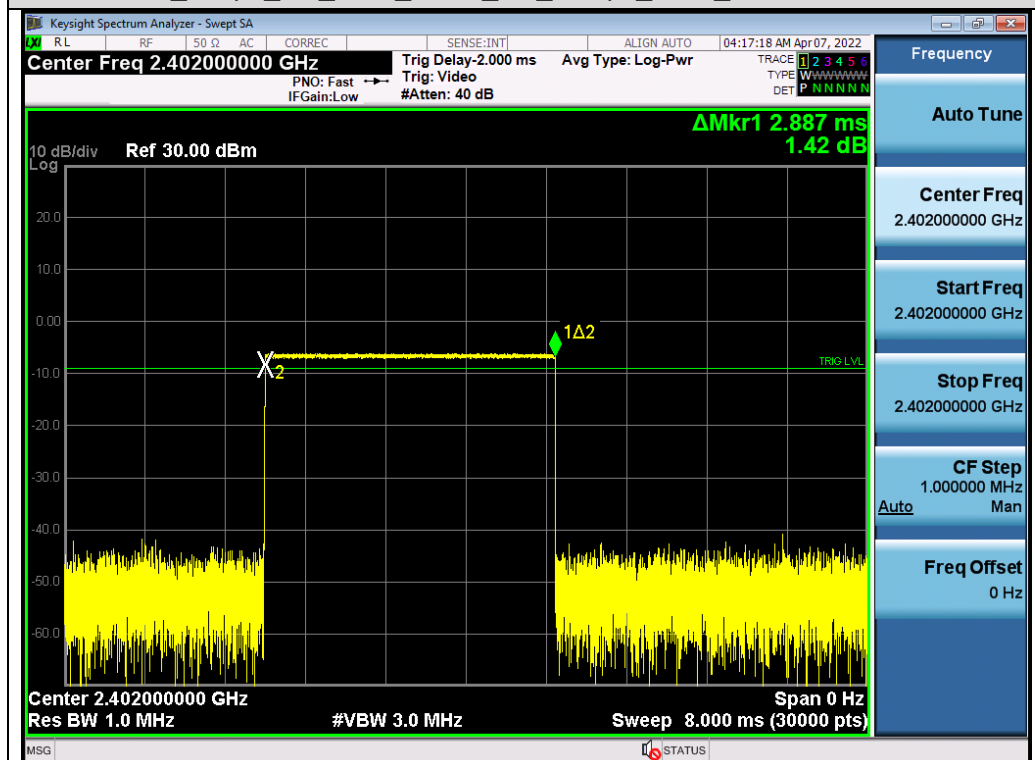
Test Data of Dwell Time					
Channel	Time of Pulse for DH5 (ms)	Number of hops in the period specified in the requirements	Sweep Time (ms)	Limit (ms)	Pass or Fail
2402	2.887	30.0*4	346.440	400	Pass
2441	2.887	22.0*4	254.056	400	Pass
2480	2.887	26.0*4	300.248	400	Pass

Note: The GFSK modulation is the worst case and recorded in the report.

Test Graphs of Dwell Time

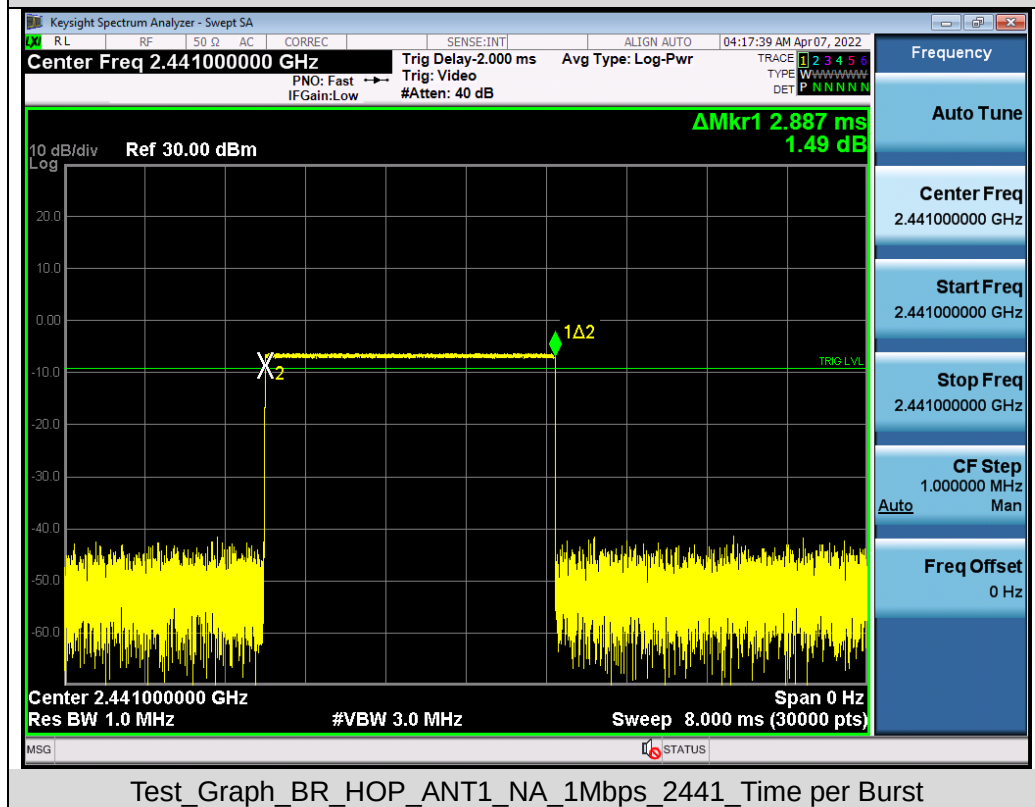


Test_Graph_BR_HOP_ANT1_NA_1Mbps_2402_Number of Burst



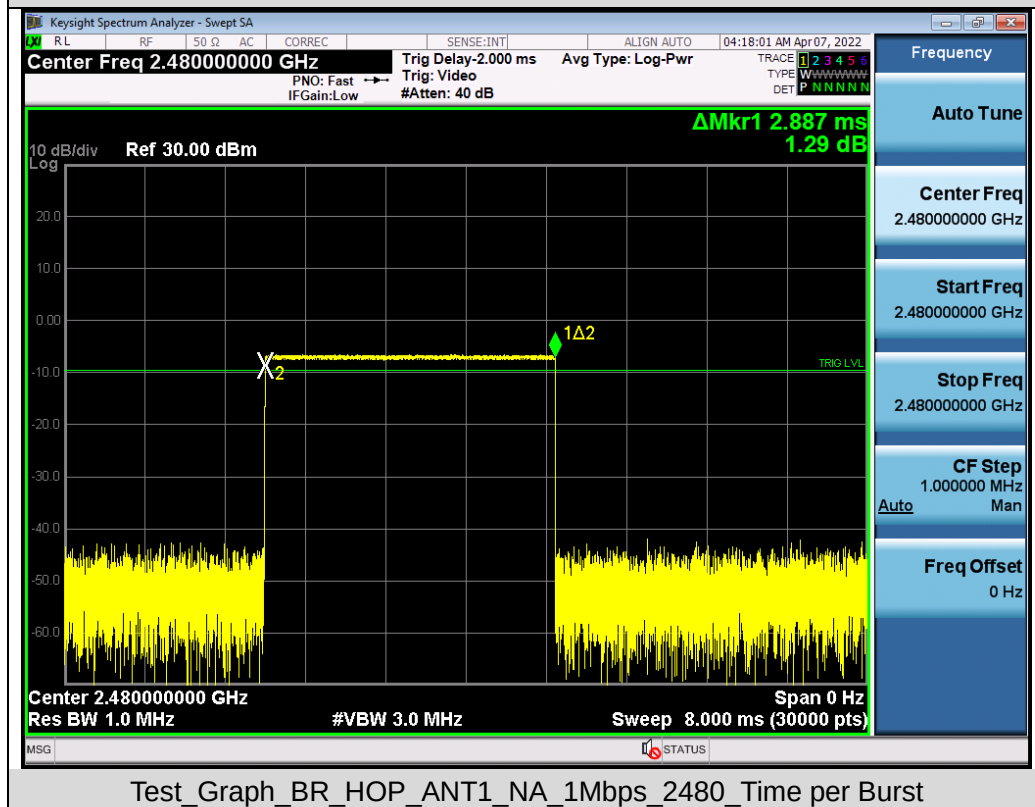
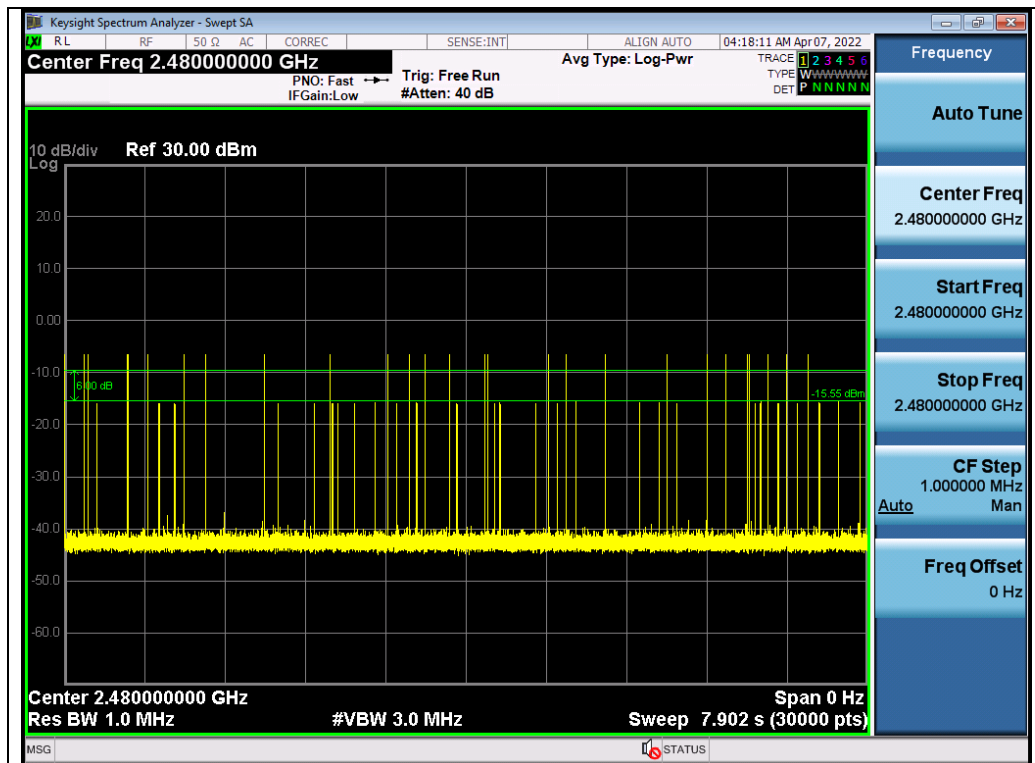
Test_Graph_BR_HOP_ANT1_NA_1Mbps_2402_Time per Burst

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13. FREQUENCY SEPARATION

13.1. MEASUREMENT PROCEDURE

The EUT shall have its hopping function enabled. Use the following spectrum analyzer settings:

1. Span: Wide enough to capture the peaks of two adjacent channels.
 2. RBW: Start with the RBW set to approximately 30% of the channel spacing; adjust as necessary to best identify the center of each individual channel.
 3. Video (or average) bandwidth (VBW) $\geq$ RBW.
 4. Sweep: Auto. e) Detector function: Peak. f) Trace: Max hold. g) Allow the trace to stabilize.
- Use the marker-delta function to determine the separation between the peaks of the adjacent channels.

13.2. TEST SETUP (BLOCK DIAGRAM OF CONFIGURATION)

Same as described in section 6.2

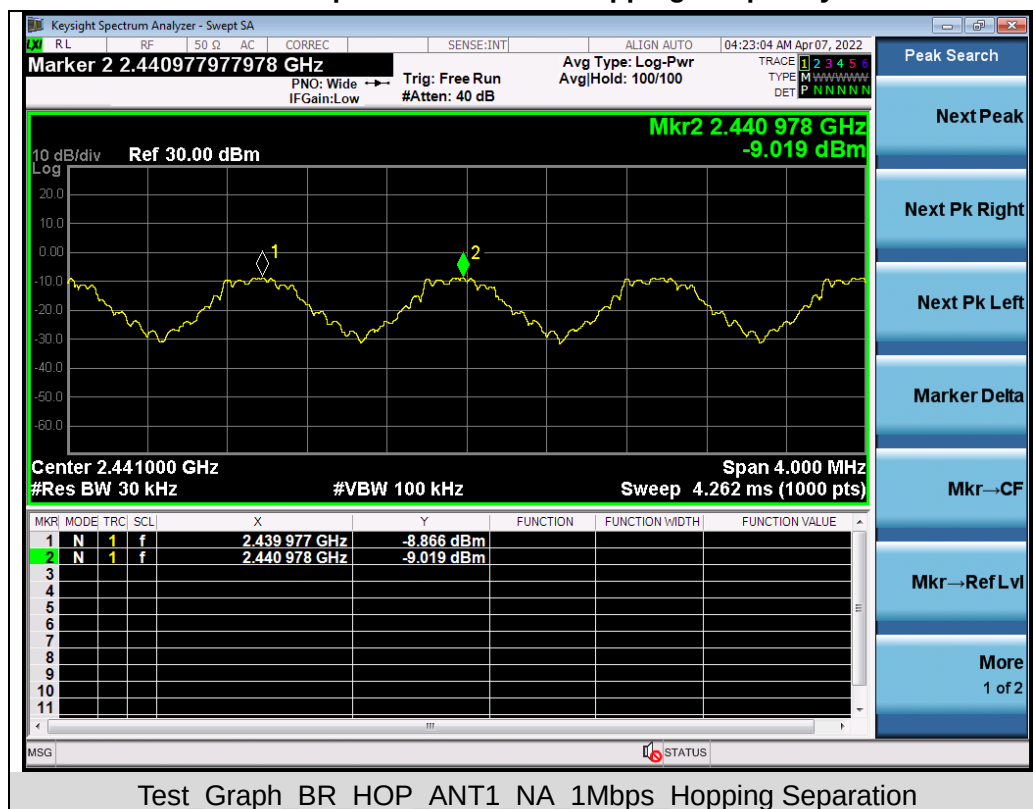
13.3. MEASUREMENT EQUIPMENT USED

The same as described in section 6.3

13.4. LIMITS AND MEASUREMENT RESULT

Test Data of Frequency Separation			
Test Mode	Channel Separation (MHz)	Limits	Pass or Fail
GFSK Hopping	1.001	$\geq 2/3$ -20dB BW	Pass

Test Graphs of Number of Hopping Frequency



Note: The GFSK modulation is the worst case and recorded in the report.

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14. LINE CONDUCTED EMISSION TEST

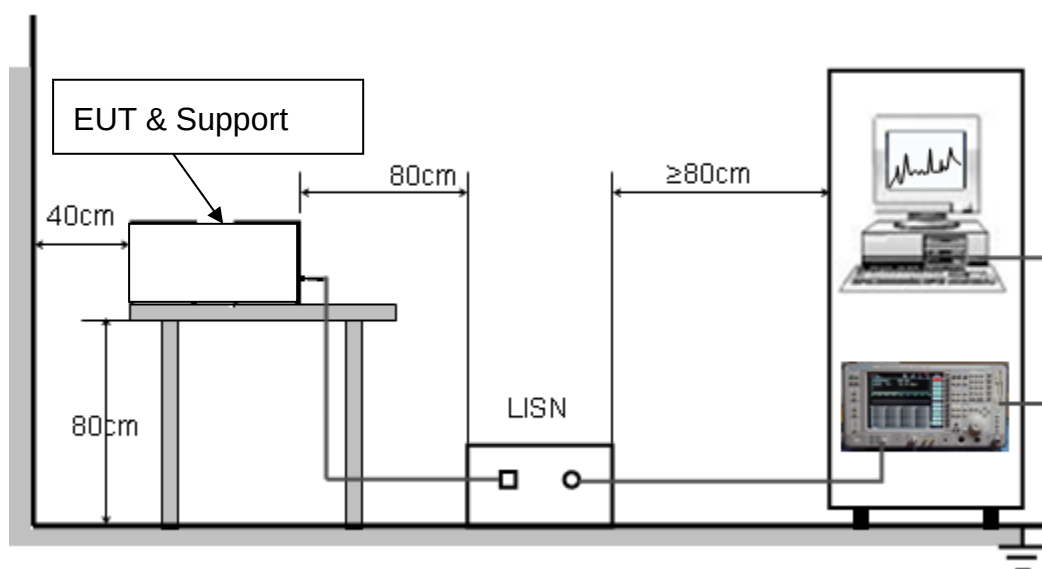
14.1. LIMITS OF LINE CONDUCTED EMISSION TEST

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.

14.2. BLOCK DIAGRAM OF LINE CONDUCTED EMISSION TEST



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14.3. 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.

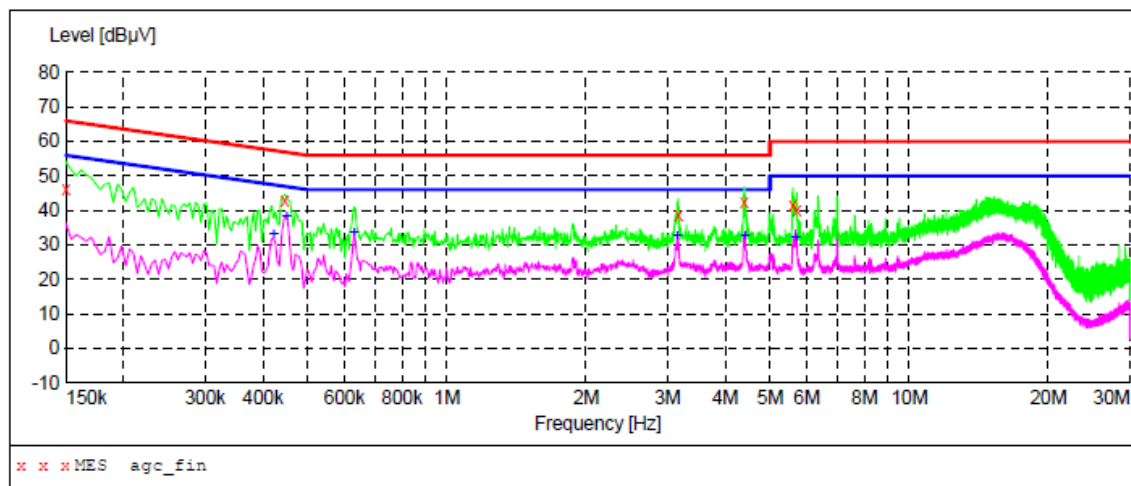
14.4. FINAL PROCEDURE OF LINE CONDUCTED EMISSION TEST

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.

14.5. TEST RESULT OF LINE CONDUCTED EMISSION TEST

Mode 1

Line Conducted Emission Test Line 1-L



MEASUREMENT RESULT: "agc_fin"

2022/4/20 15:28

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line
0.150000	46.00	6.9	66	20.0	QP	L1
0.446000	43.00	5.5	57	13.9	QP	L1
3.166000	38.40	6.5	56	17.6	QP	L1
4.398000	42.60	6.5	56	13.4	QP	L1
5.602000	41.30	6.6	60	18.7	QP	L1
5.714000	40.00	6.6	60	20.0	QP	L1

MEASUREMENT RESULT: "agc_fin2"

2022/4/20 15:28

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line
0.422000	32.80	5.6	47	14.6	AV	L1
0.450000	38.10	5.5	47	8.8	AV	L1
0.630000	33.30	5.4	46	12.7	AV	L1
3.150000	32.60	6.5	46	13.4	AV	L1
4.410000	32.40	6.5	46	13.6	AV	L1
5.682000	32.00	6.6	50	18.0	AV	L1

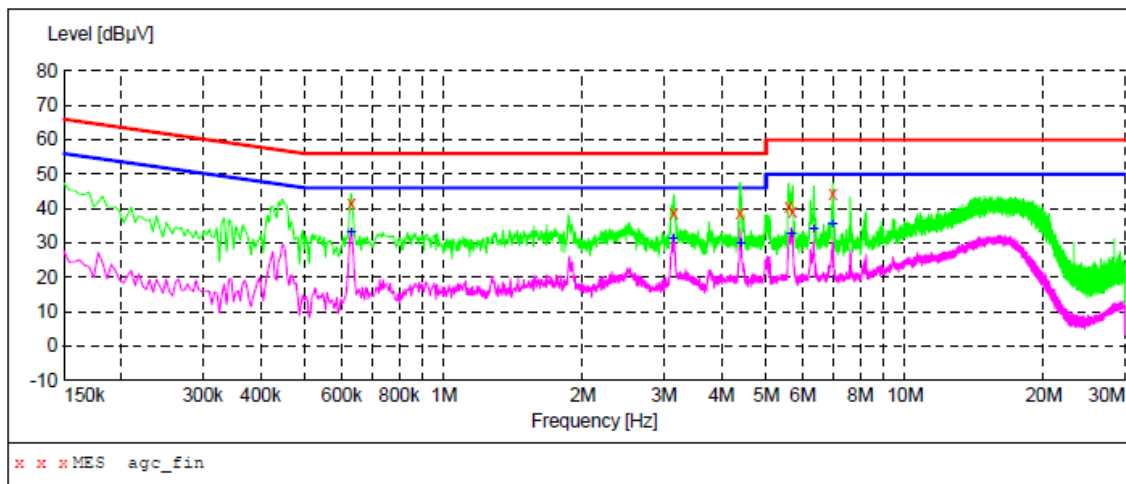
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Line Conducted Emission Test Line 2-N



MEASUREMENT RESULT: "agc_fin"

2022/4/20 15:32

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line
0.630000	41.60	5.4	56	14.4	QP	N
3.158000	38.80	6.5	56	17.2	QP	N
4.390000	38.70	6.5	56	17.3	QP	N
5.598000	40.40	6.6	60	19.6	QP	N
5.710000	39.10	6.6	60	20.9	QP	N
6.974000	44.40	6.7	60	15.6	QP	N

MEASUREMENT RESULT: "agc_fin2"

2022/4/20 15:32

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line
0.630000	33.10	5.4	46	12.9	AV	N
3.142000	30.90	6.5	46	15.1	AV	N
4.398000	29.80	6.5	46	16.2	AV	N
5.666000	32.50	6.6	50	17.5	AV	N
6.342000	33.70	6.7	50	16.3	AV	N
6.974000	35.30	6.7	50	14.7	AV	N

RESULT: PASS

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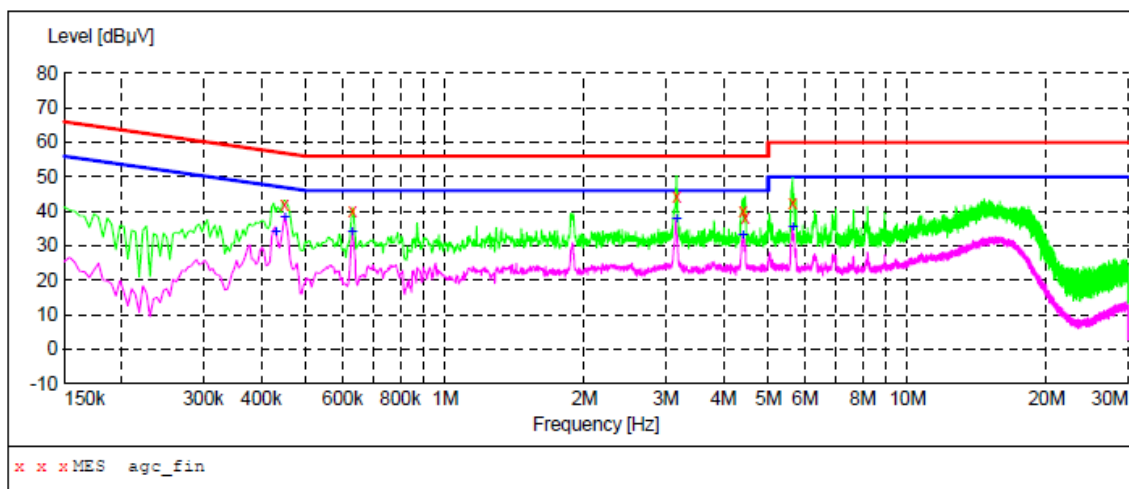
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Mode 2

Line Conducted Emission Test Line 1-L



MEASUREMENT RESULT: "agc_fin"

2022/4/20 16:16

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line
0.450000	41.90	5.5	57	15.0	QP	N
0.630000	40.20	5.4	56	15.8	QP	N
3.166000	44.40	6.5	56	11.6	QP	N
4.410000	39.90	6.5	56	16.1	QP	N
4.462000	38.20	6.5	56	17.8	QP	N
5.650000	42.30	6.6	60	17.7	QP	N

MEASUREMENT RESULT: "agc_fin2"

2022/4/20 16:16

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line
0.430000	33.70	5.6	47	13.6	AV	N
0.450000	38.30	5.5	47	8.6	AV	N
0.630000	34.00	5.4	46	12.0	AV	N
3.166000	37.90	6.5	46	8.1	AV	N
4.406000	32.90	6.5	46	13.1	AV	N
5.646000	35.40	6.6	50	14.6	AV	N

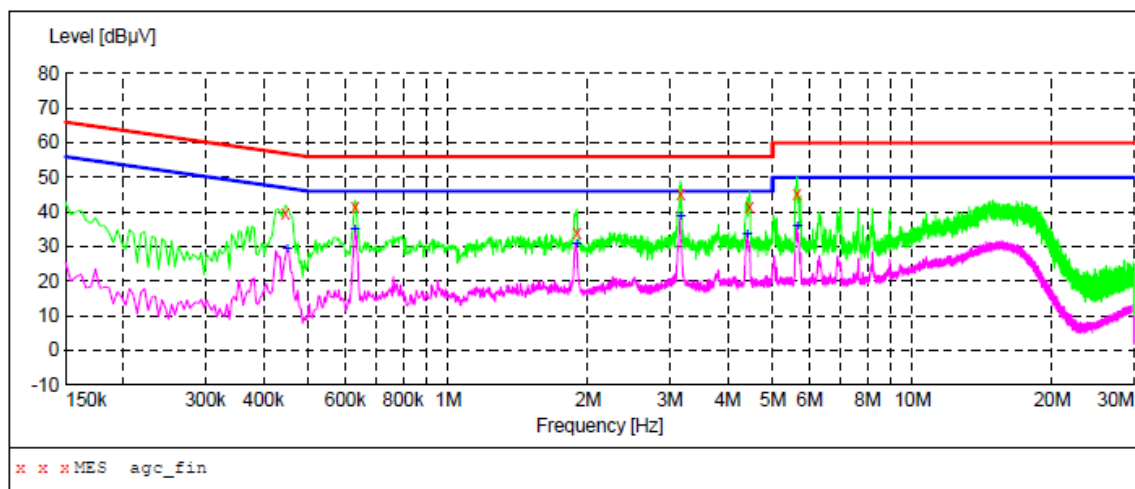
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Line Conducted Emission Test Line 2-N



MEASUREMENT RESULT: "agc_fin"

2022/4/20 16:13

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line
0.446000	39.40	5.5	57	17.5	QP	L1
0.630000	41.30	5.4	56	14.7	QP	L1
1.894000	33.90	6.4	56	22.1	QP	L1
3.166000	45.40	6.5	56	10.6	QP	L1
4.462000	41.60	6.5	56	14.4	QP	L1
5.642000	45.10	6.6	60	14.9	QP	L1

MEASUREMENT RESULT: "agc_fin2"

2022/4/20 16:13

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line
0.450000	29.20	5.5	47	17.7	AV	L1
0.630000	34.90	5.4	46	11.1	AV	L1
1.890000	30.70	6.4	46	15.3	AV	L1
3.166000	38.40	6.5	46	7.6	AV	L1
4.406000	33.30	6.5	46	12.7	AV	L1
5.646000	35.60	6.6	50	14.4	AV	L1

RESULT: PASS

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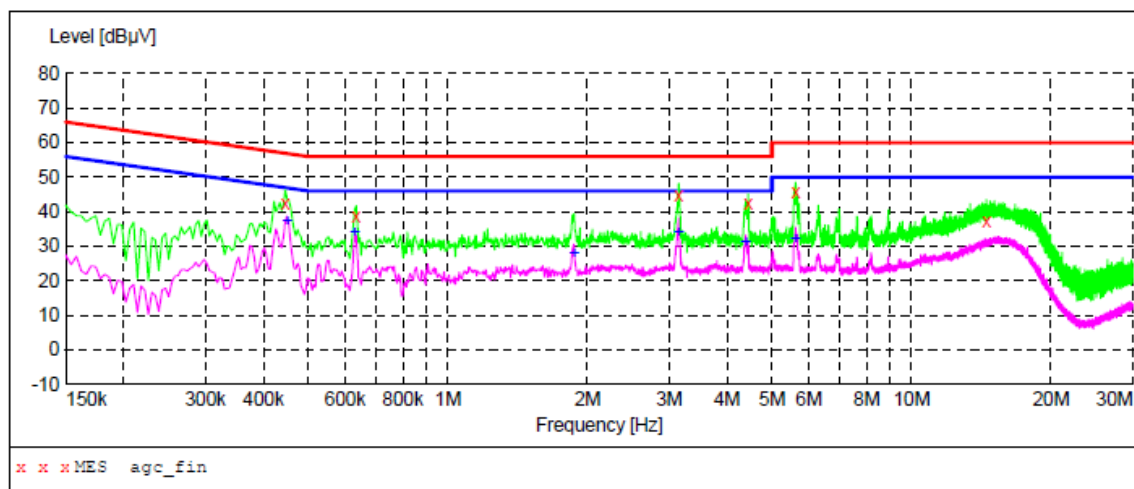
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Mode 3

Line Conducted Emission Test Line 1-L



MEASUREMENT RESULT: "agc_fin"

2022/4/20 16:21

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line
0.446000	42.20	5.5	57	14.7	QP	L1
0.634000	38.80	5.4	56	17.2	QP	L1
3.146000	44.70	6.5	56	11.3	QP	L1
4.442000	42.20	6.5	56	13.8	QP	L1
5.626000	45.50	6.6	60	14.5	QP	L1
14.502000	37.00	8.2	60	23.0	QP	L1

MEASUREMENT RESULT: "agc_fin2"

2022/4/20 16:22

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line
0.450000	37.10	5.5	47	9.8	AV	L1
0.630000	34.10	5.4	46	11.9	AV	L1
1.870000	27.60	6.4	46	18.4	AV	L1
3.146000	33.80	6.5	46	12.2	AV	L1
4.390000	31.20	6.5	46	14.8	AV	L1
5.626000	31.90	6.6	50	18.1	AV	L1

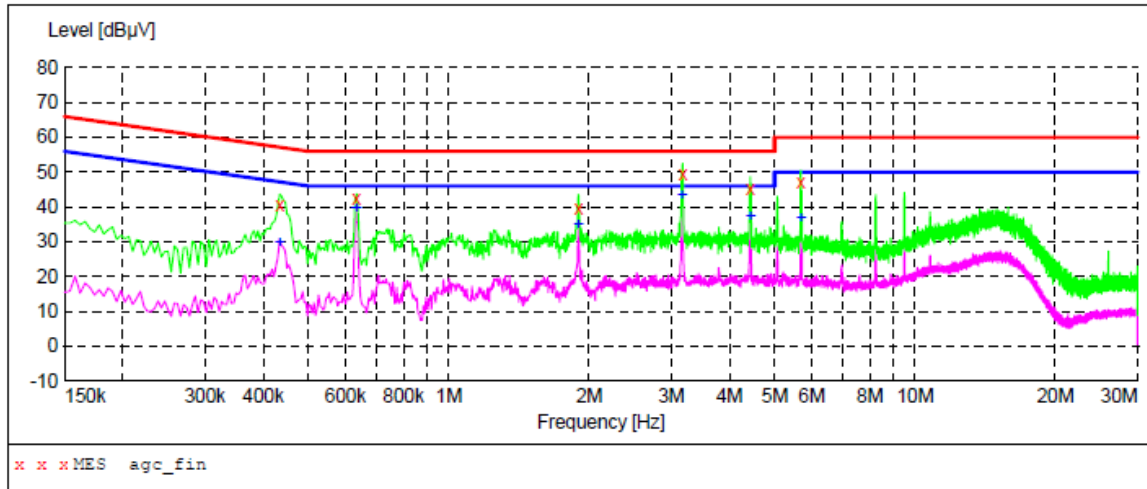
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Line Conducted Emission Test Line 2-N



MEASUREMENT RESULT: "agc_fin"

2022/4/20 16:28

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line
0.434000	40.40	5.6	57	16.8	QP	N
0.634000	42.20	5.4	56	13.8	QP	N
1.898000	39.60	6.4	56	16.4	QP	N
3.174000	49.30	6.5	56	6.7	QP	N
4.434000	45.00	6.5	56	11.0	QP	N
5.690000	47.00	6.6	60	13.0	QP	N

MEASUREMENT RESULT: "agc_fin2"

2022/4/20 16:28

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line
0.434000	29.60	5.6	47	17.6	AV	N
0.634000	39.60	5.4	46	6.4	AV	N
1.898000	34.90	6.4	46	11.1	AV	N
3.170000	43.30	6.5	46	2.7	AV	N
4.434000	37.40	6.5	46	8.6	AV	N
5.702000	36.70	6.6	50	13.3	AV	N

RESULT: PASS

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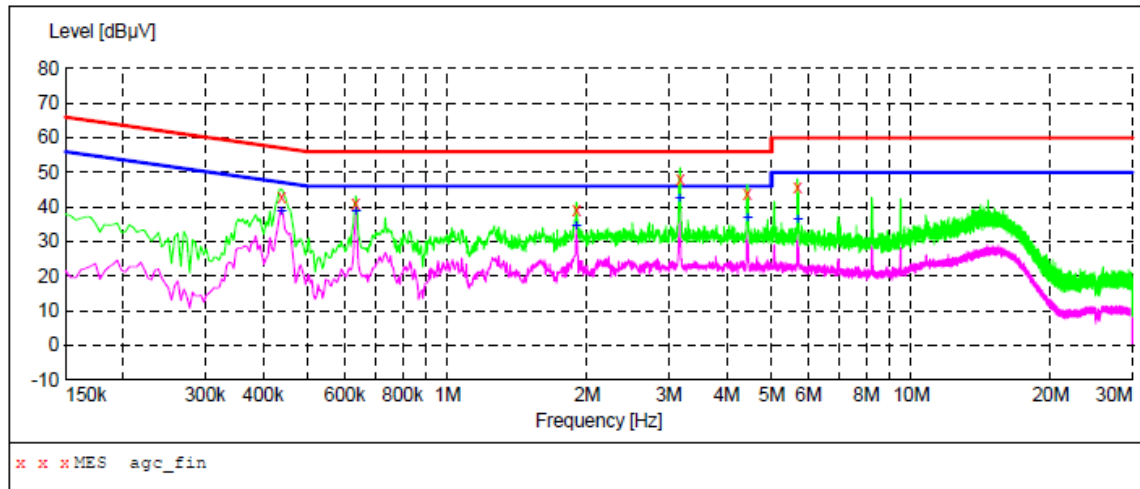
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Mode 4

Line Conducted Emission Test Line 1-L



MEASUREMENT RESULT: "agc_fin"

2022/4/20 16:33

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line
0.438000	42.70	5.6	57	14.4	QP	L1
0.634000	41.10	5.4	56	14.9	QP	L1
1.898000	39.00	6.4	56	17.0	QP	L1
3.174000	47.80	6.5	56	8.2	QP	L1
4.430000	44.00	6.5	56	12.0	QP	L1
5.686000	45.50	6.6	60	14.5	QP	L1

MEASUREMENT RESULT: "agc_fin2"

2022/4/20 16:33

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line
0.438000	38.60	5.6	47	8.5	AV	L1
0.634000	38.80	5.4	46	7.2	AV	L1
1.898000	34.40	6.4	46	11.6	AV	L1
3.170000	42.60	6.5	46	3.4	AV	L1
4.434000	36.80	6.5	46	9.2	AV	L1
5.702000	36.10	6.6	50	13.9	AV	L1

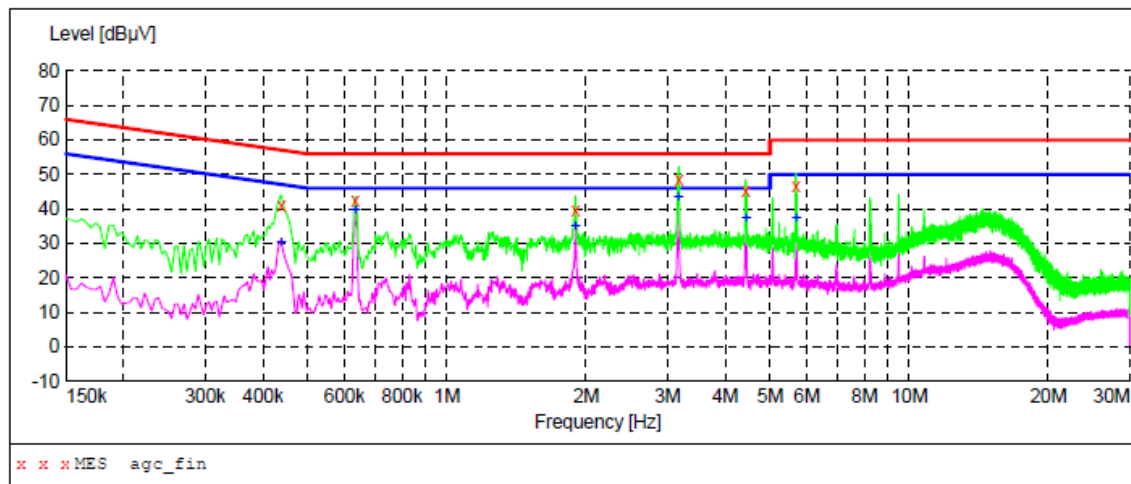
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Line Conducted Emission Test Line 2-N



MEASUREMENT RESULT: "agc_fin"

2022/4/20 16:30

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line
0.438000	41.10	5.6	57	16.0	QP	N
0.634000	42.20	5.4	56	13.8	QP	N
1.898000	39.60	6.4	56	16.4	QP	N
3.174000	48.70	6.5	56	7.3	QP	N
4.434000	45.00	6.5	56	11.0	QP	N
5.686000	46.40	6.6	60	13.6	QP	N

MEASUREMENT RESULT: "agc_fin2"

2022/4/20 16:30

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line
0.438000	30.30	5.6	47	16.8	AV	N
0.634000	39.60	5.4	46	6.4	AV	N
1.898000	34.90	6.4	46	11.1	AV	N
3.170000	43.30	6.5	46	2.7	AV	N
4.434000	37.30	6.5	46	8.7	AV	N
5.698000	37.10	6.6	50	12.9	AV	N

RESULT: PASS

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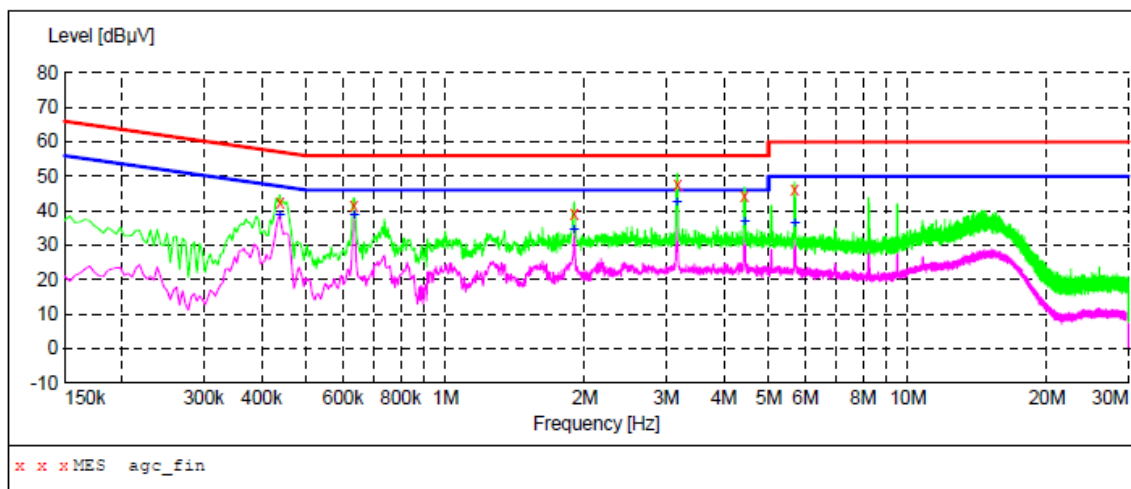
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Mode 5

Line Conducted Emission Test Line 1-L



MEASUREMENT RESULT: "agc_fin"

2022/4/20 16:35

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line
0.438000	42.60	5.6	57	14.5	QP	L1
0.634000	41.20	5.4	56	14.8	QP	L1
1.898000	39.00	6.4	56	17.0	QP	L1
3.174000	47.70	6.5	56	8.3	QP	L1
4.434000	44.40	6.5	56	11.6	QP	L1
5.690000	46.20	6.6	60	13.8	QP	L1

MEASUREMENT RESULT: "agc_fin2"

2022/4/20 16:35

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line
0.438000	38.50	5.6	47	8.6	AV	L1
0.634000	38.80	5.4	46	7.2	AV	L1
1.898000	34.40	6.4	46	11.6	AV	L1
3.170000	42.50	6.5	46	3.5	AV	L1
4.434000	36.70	6.5	46	9.3	AV	L1
5.702000	36.10	6.6	50	13.9	AV	L1

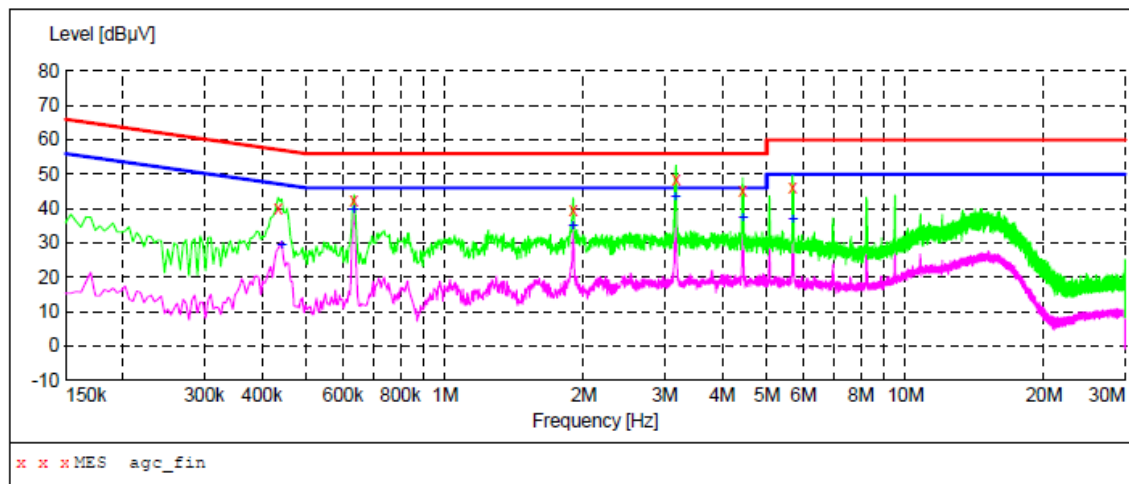
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Line Conducted Emission Test Line 2-N



MEASUREMENT RESULT: "agc_fin"

2022/4/20 16:38

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line
0.434000	39.90	5.6	57	17.3	QP	N
0.634000	42.20	5.4	56	13.8	QP	N
1.898000	39.60	6.4	56	16.4	QP	N
3.174000	48.70	6.5	56	7.3	QP	N
4.434000	45.10	6.5	56	10.9	QP	N
5.686000	46.10	6.6	60	13.9	QP	N

MEASUREMENT RESULT: "agc_fin2"

2022/4/20 16:38

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line
0.442000	29.10	5.6	47	17.9	AV	N
0.634000	39.60	5.4	46	6.4	AV	N
1.898000	34.90	6.4	46	11.1	AV	N
3.170000	43.20	6.5	46	2.8	AV	N
4.434000	37.20	6.5	46	8.8	AV	N
5.702000	36.60	6.6	50	13.4	AV	N

RESULT: PASS

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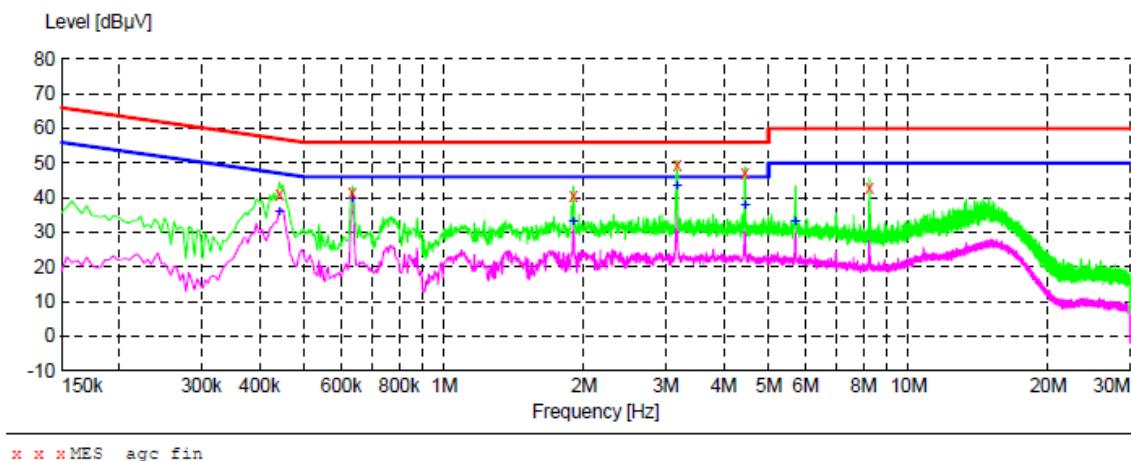
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Mode 6

Line Conducted Emission Test Line 1-L



MEASUREMENT RESULT: "agc_fin"

2022/4/20 16:43

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line
0.442000	40.80	5.6	57	16.2	QP	L1
0.634000	41.30	5.4	56	14.7	QP	L1
1.898000	40.60	6.4	56	15.4	QP	L1
3.174000	49.30	6.5	56	6.7	QP	L1
4.446000	47.10	6.5	56	8.9	QP	L1
8.242000	42.80	6.8	60	17.2	QP	L1

MEASUREMENT RESULT: "agc_fin2"

2022/4/20 16:44

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line
0.442000	35.60	5.6	47	11.4	AV	L1
0.634000	39.60	5.4	46	6.4	AV	L1
1.898000	33.10	6.4	46	12.9	AV	L1
3.174000	43.30	6.5	46	2.7	AV	L1
4.446000	37.70	6.5	46	8.3	AV	L1
5.706000	32.80	6.6	50	17.2	AV	L1

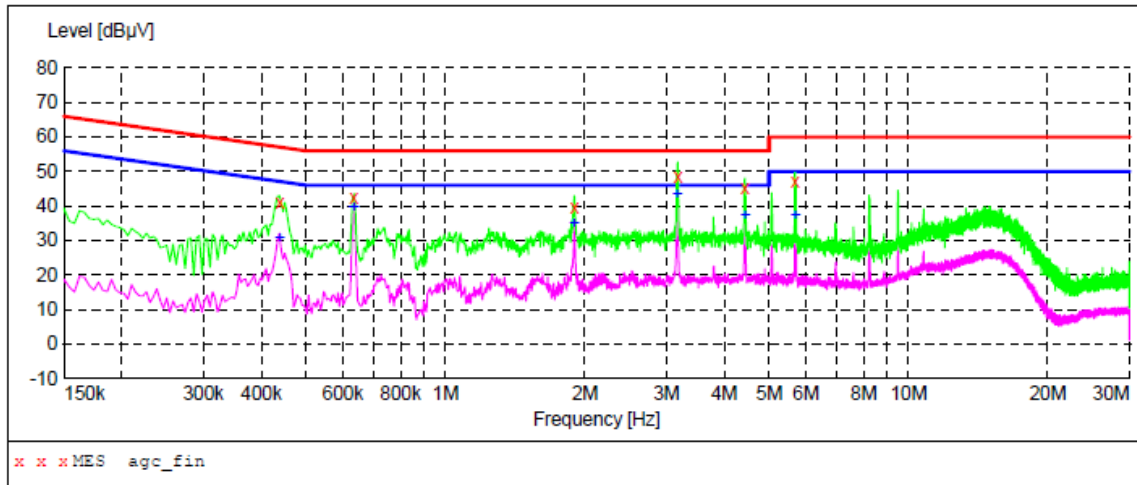
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Line Conducted Emission Test Line 2-N



MEASUREMENT RESULT: "agc_fin"

2022/4/20 16:41

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line
0.438000	41.10	5.6	57	16.0	QP	N
0.634000	42.20	5.4	56	13.8	QP	N
1.898000	39.60	6.4	56	16.4	QP	N
3.174000	48.70	6.5	56	7.3	QP	N
4.434000	45.20	6.5	56	10.8	QP	N
5.690000	46.90	6.6	60	13.1	QP	N

MEASUREMENT RESULT: "agc_fin2"

2022/4/20 16:41

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line
0.438000	30.50	5.6	47	16.6	AV	N
0.634000	39.60	5.4	46	6.4	AV	N
1.898000	34.90	6.4	46	11.1	AV	N
3.170000	43.20	6.5	46	2.8	AV	N
4.434000	37.20	6.5	46	8.8	AV	N
5.698000	37.00	6.6	50	13.0	AV	N

RESULT: PASS

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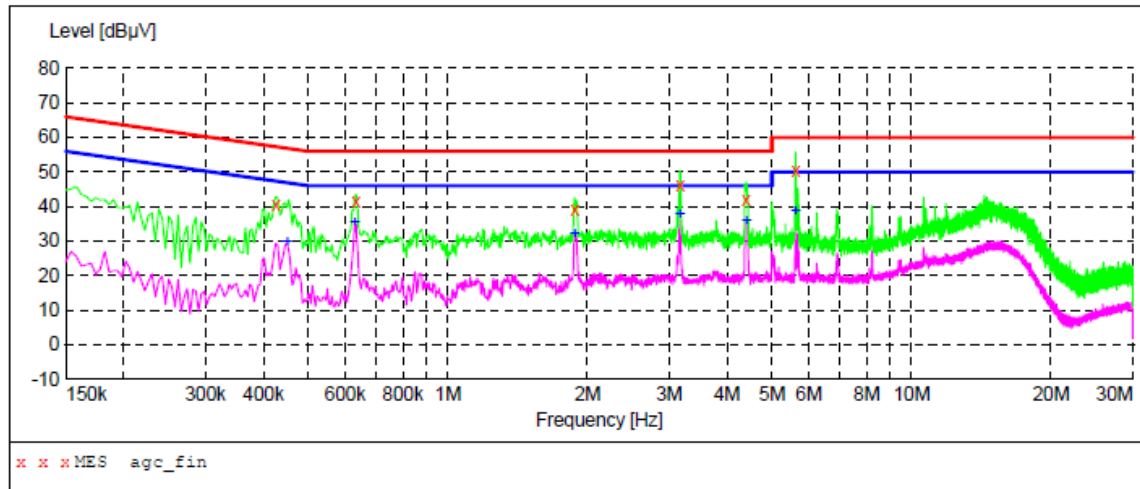
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Mode 7

Line Conducted Emission Test Line 1-L


MEASUREMENT RESULT: "agc_fin"

2022/4/20 17:48

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line
0.426000	40.30	5.6	57	17.0	QP	L1
0.634000	41.40	5.4	56	14.6	QP	L1
1.878000	39.30	6.4	56	16.7	QP	L1
3.166000	46.10	6.5	56	9.9	QP	L1
4.398000	41.90	6.5	56	14.1	QP	L1
5.626000	50.50	6.6	60	9.5	QP	L1

MEASUREMENT RESULT: "agc_fin2"

2022/4/20 17:48

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line
0.450000	29.80	5.5	47	17.1	AV	L1
0.630000	35.10	5.4	46	10.9	AV	L1
1.878000	32.00	6.4	46	14.0	AV	L1
3.170000	37.70	6.5	46	8.3	AV	L1
4.402000	36.00	6.5	46	10.0	AV	L1
5.626000	38.40	6.6	50	11.6	AV	L1

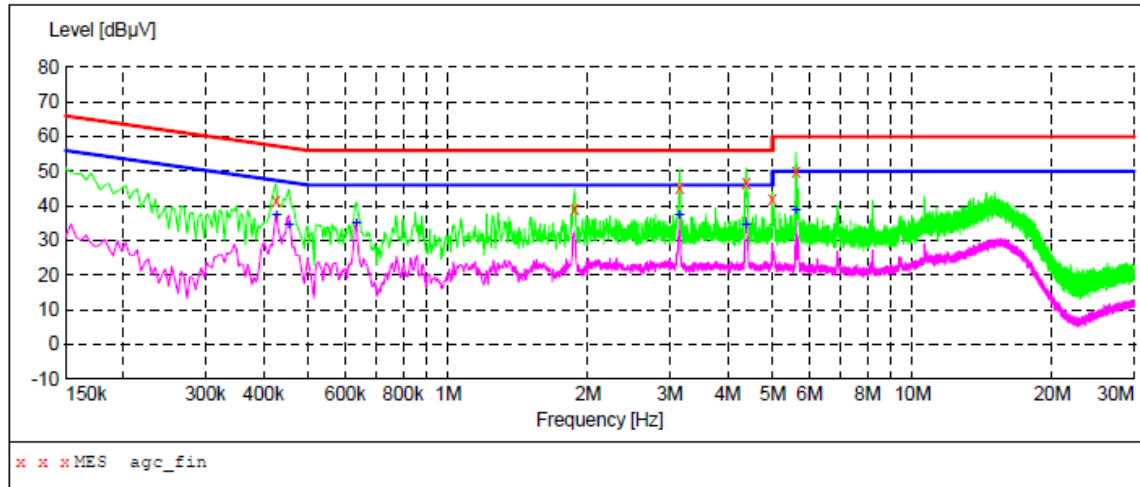
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Line Conducted Emission Test Line 2-N



MEASUREMENT RESULT: "agc_fin"

2022/4/20 17:44

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line
0.426000	41.40	5.6	57	15.9	QP	N
1.874000	39.10	6.4	56	16.9	QP	N
3.158000	45.10	6.5	56	10.9	QP	N
4.382000	46.40	6.5	56	9.6	QP	N
4.990000	41.80	6.6	56	14.2	QP	N
5.606000	49.90	6.6	60	9.1	QP	N

MEASUREMENT RESULT: "agc_fin2"

2022/4/20 17:45

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line
0.426000	37.00	5.6	47	10.3	AV	N
0.454000	34.60	5.5	47	12.2	AV	N
0.634000	34.70	5.4	46	11.3	AV	N
3.150000	37.30	6.5	46	8.7	AV	N
4.386000	34.60	6.5	46	11.4	AV	N
5.610000	38.50	6.6	50	11.5	AV	N

RESULT: PASS

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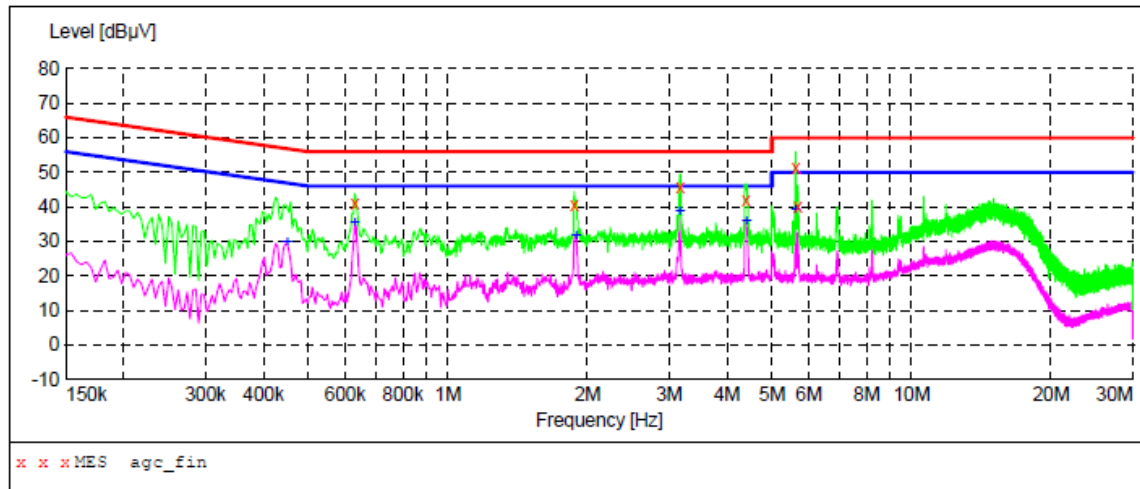
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Mode 8

Line Conducted Emission Test Line 1-L


MEASUREMENT RESULT: "agc_fin"

2022/4/20 17:50

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line
0.630000	40.80	5.4	56	15.2	QP	L1
1.874000	40.40	6.4	56	15.6	QP	L1
3.170000	45.80	6.5	56	10.2	QP	L1
4.402000	41.80	6.5	56	14.2	QP	L1
5.622000	51.30	6.6	60	8.7	QP	L1
5.686000	40.20	6.6	60	19.8	QP	L1

MEASUREMENT RESULT: "agc_fin2"

2022/4/20 17:50

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line
0.450000	29.60	5.5	47	17.3	AV	L1
0.630000	35.10	5.4	46	10.9	AV	L1
1.890000	31.70	6.4	46	14.3	AV	L1
3.166000	38.70	6.5	46	7.3	AV	L1
4.402000	35.90	6.5	46	10.1	AV	L1
5.618000	39.20	6.6	50	10.8	AV	L1

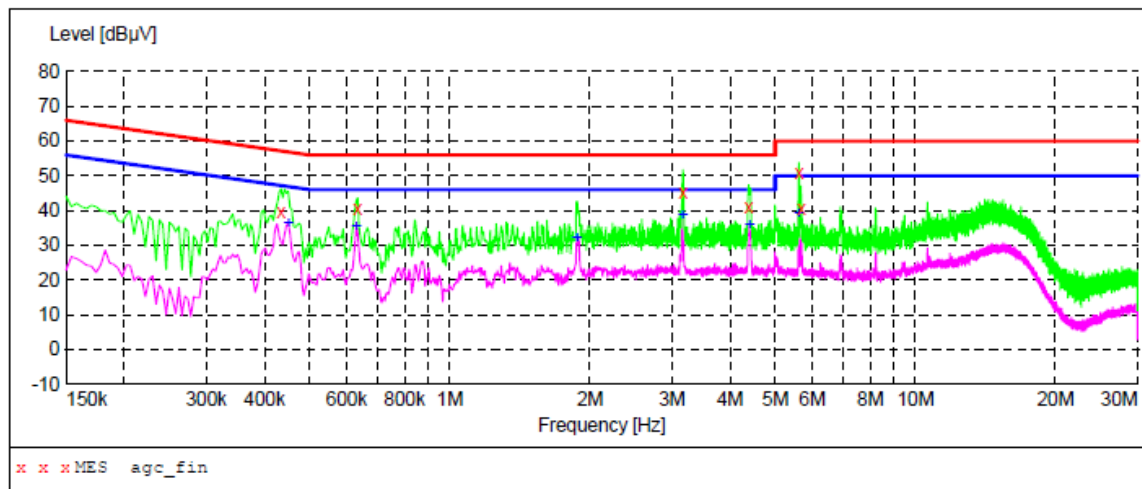
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Line Conducted Emission Test Line 2-N



MEASUREMENT RESULT: "agc_fin"

2022/4/20 17:53

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line
0.434000	39.40	5.6	57	17.8	QP	N
0.634000	40.70	5.4	56	15.3	QP	N
3.170000	45.20	6.5	56	10.8	QP	N
4.386000	41.00	6.5	56	15.0	QP	N
5.622000	50.90	6.6	60	9.1	QP	N
5.682000	40.50	6.6	60	19.5	QP	N

MEASUREMENT RESULT: "agc_fin2"

2022/4/20 17:53

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line
0.450000	36.30	5.5	47	10.6	AV	N
0.630000	35.10	5.4	46	10.9	AV	N
1.878000	32.00	6.4	46	14.0	AV	N
3.166000	38.60	6.5	46	7.4	AV	N
4.402000	35.80	6.5	46	10.2	AV	N
5.618000	39.00	6.6	50	11.0	AV	N

RESULT: PASS

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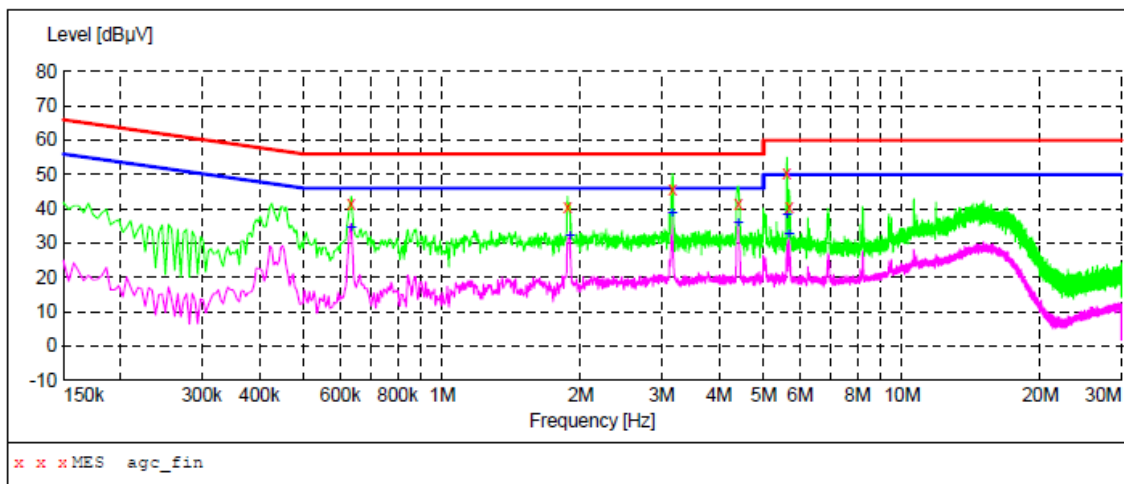
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Mode 9

Line Conducted Emission Test Line 1-L


MEASUREMENT RESULT: "agc_fin"

2022/4/20 17:58

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line
0.634000	41.40	5.4	56	14.6	QP	L1
1.874000	40.70	6.4	56	15.3	QP	L1
3.170000	45.80	6.5	56	10.2	QP	L1
4.406000	41.60	6.5	56	14.4	QP	L1
5.618000	50.50	6.6	60	9.5	QP	L1
5.682000	40.50	6.6	60	19.5	QP	L1

MEASUREMENT RESULT: "agc_fin2"

2022/4/20 17:58

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line
0.634000	34.30	5.4	46	11.7	AV	L1
1.894000	31.80	6.4	46	14.2	AV	L1
3.166000	38.70	6.5	46	7.3	AV	L1
4.406000	35.70	6.5	46	10.3	AV	L1
5.622000	38.10	6.6	50	11.9	AV	L1
5.682000	32.50	6.6	50	17.5	AV	L1

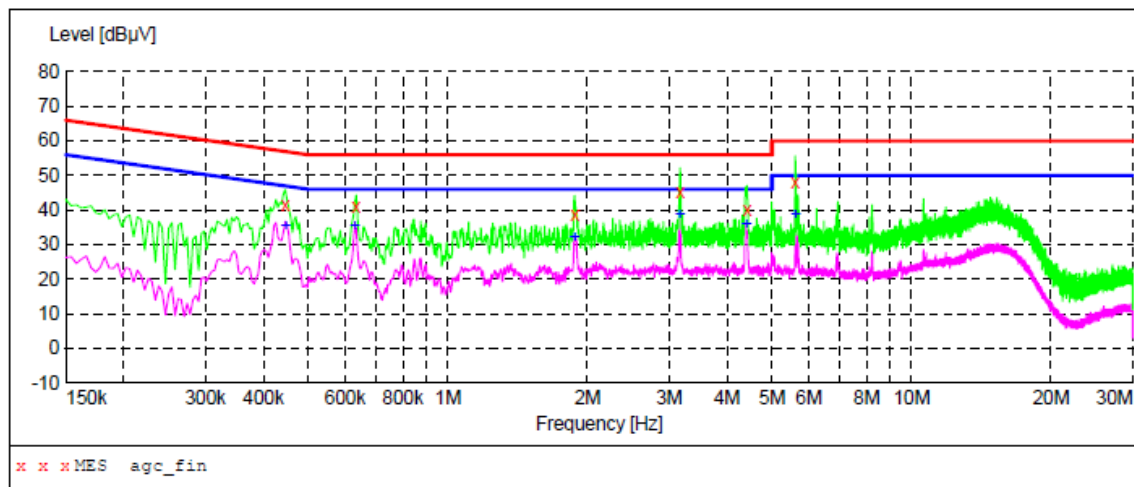
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Line Conducted Emission Test Line 2-N



MEASUREMENT RESULT: "agc_fin"

2022/4/20 17:56

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line
0.446000	41.60	5.5	57	15.3	QP	N
0.634000	40.90	5.4	56	15.1	QP	N
1.878000	38.70	6.4	56	17.3	QP	N
3.170000	45.30	6.5	56	10.7	QP	N
4.418000	40.00	6.5	56	16.0	QP	N
5.614000	47.90	6.6	60	12.1	QP	N

MEASUREMENT RESULT: "agc_fin2"

2022/4/20 17:56

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line
0.446000	35.40	5.5	47	11.5	AV	N
0.630000	35.10	5.4	46	10.9	AV	N
1.878000	32.00	6.4	46	14.0	AV	N
3.166000	38.70	6.5	46	7.3	AV	N
4.402000	35.80	6.5	46	10.2	AV	N
5.618000	38.70	6.6	50	11.3	AV	N

RESULT: PASS

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Attestation of Global Compliance(Shenzhen)Co., Ltd

Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd

Tel: +86-755 2523 4088 E-mail: agc@agccert.com Web: http://www.agccert.com/

APPENDIX A: PHOTOGRAPHS OF TEST SETUP

Refer to the Report No.: AGC14068220401AP02

APPENDIX B: PHOTOGRAPHS OF EUT

Refer to the Report No.: AGC14068220401AP03

----END OF REPORT----



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.

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the “Dedicated Testing/Inspection Stamp” is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc01@agccert.com.

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