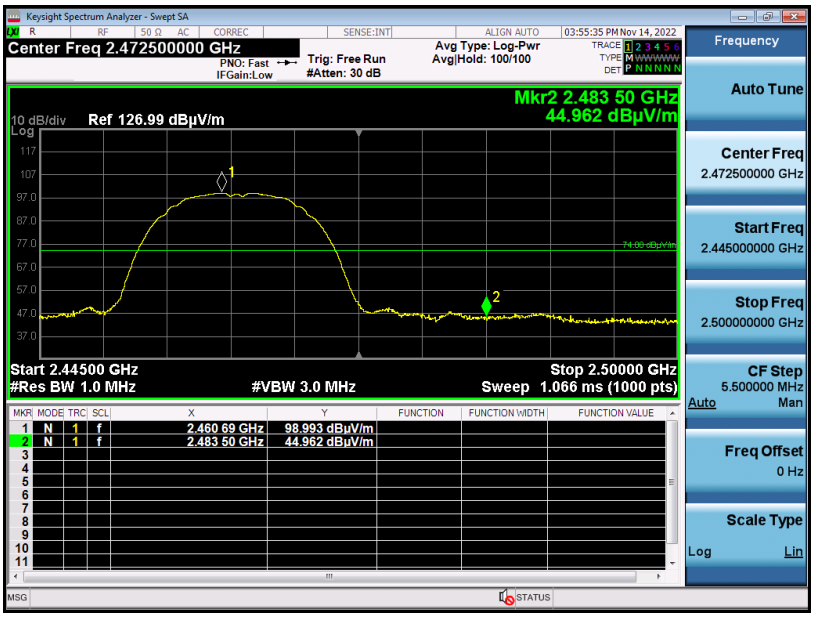
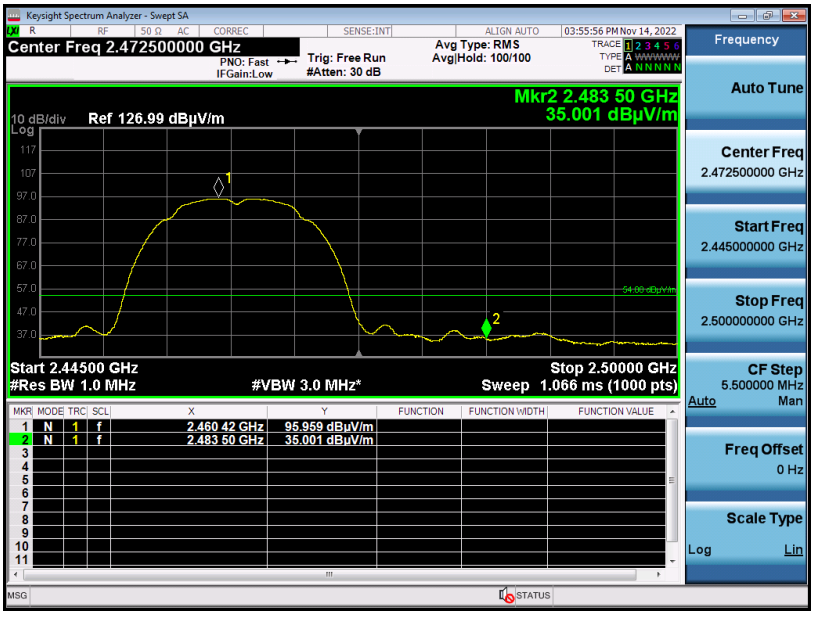
EUT	Mini PC	Model Name	Mini IT12
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11b with data rate 1 2462MHz	Antenna	Vertical

Test Graph for Peak Measurement



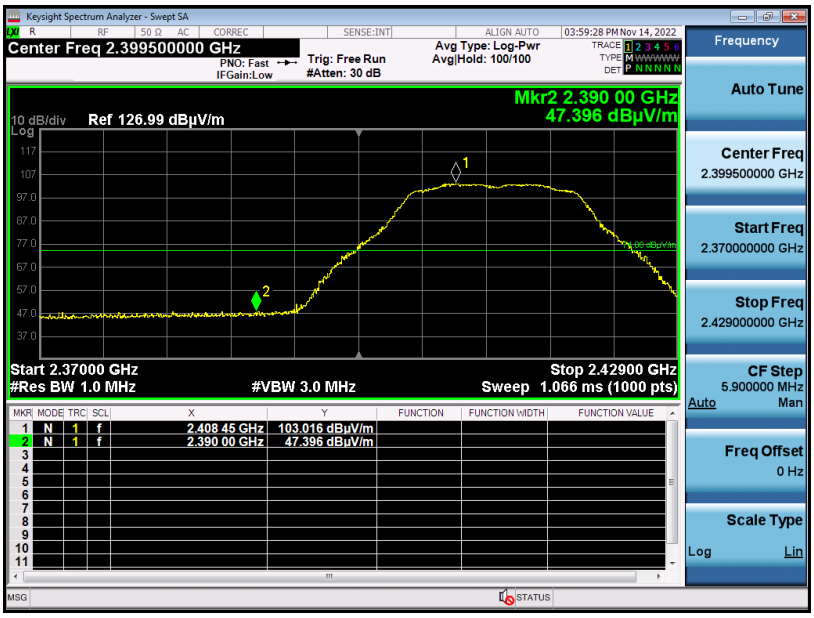
Test Graph for Average Measurement



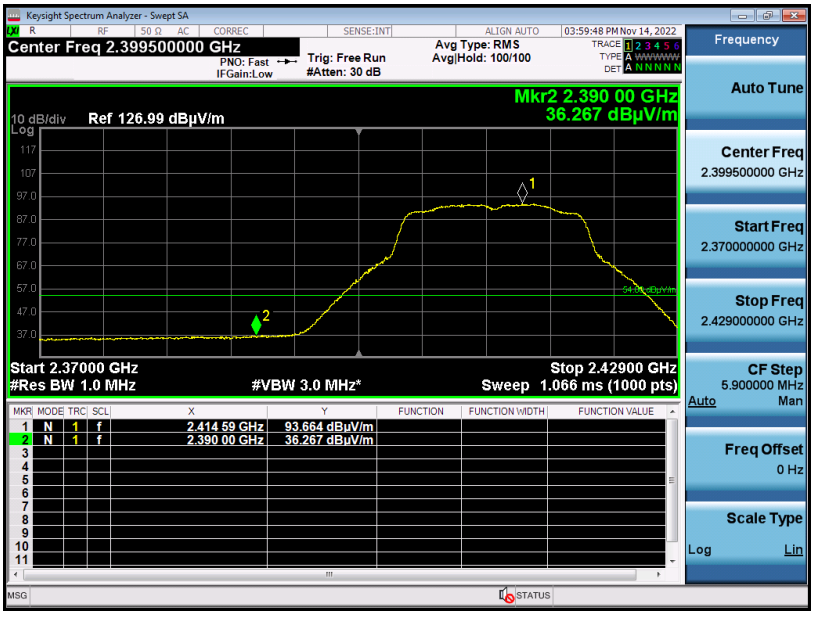
RESULT: PASS

EUT	Mini PC	Model Name	Mini IT12
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11g with data rate 6 2412MHz	Antenna	Horizontal

Test Graph for Peak Measurement



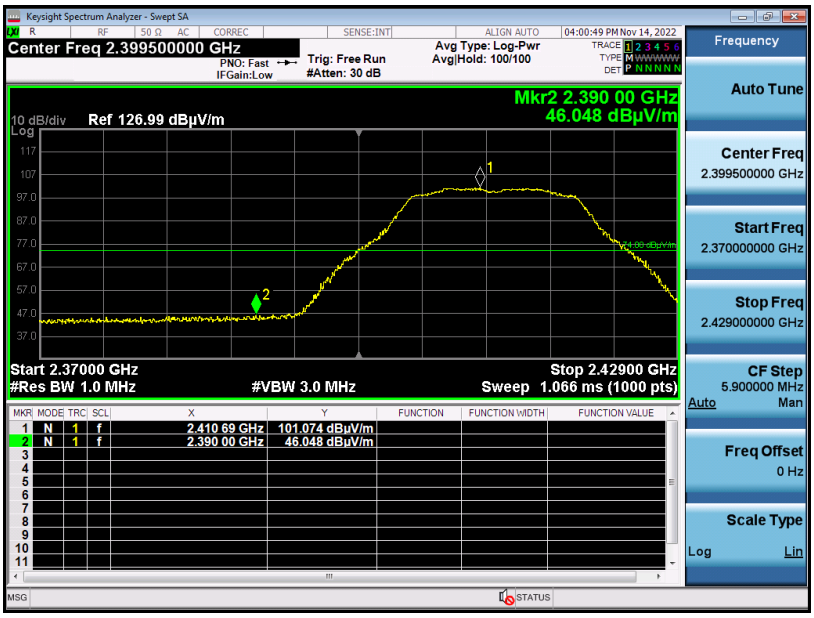
Test Graph for Average Measurement



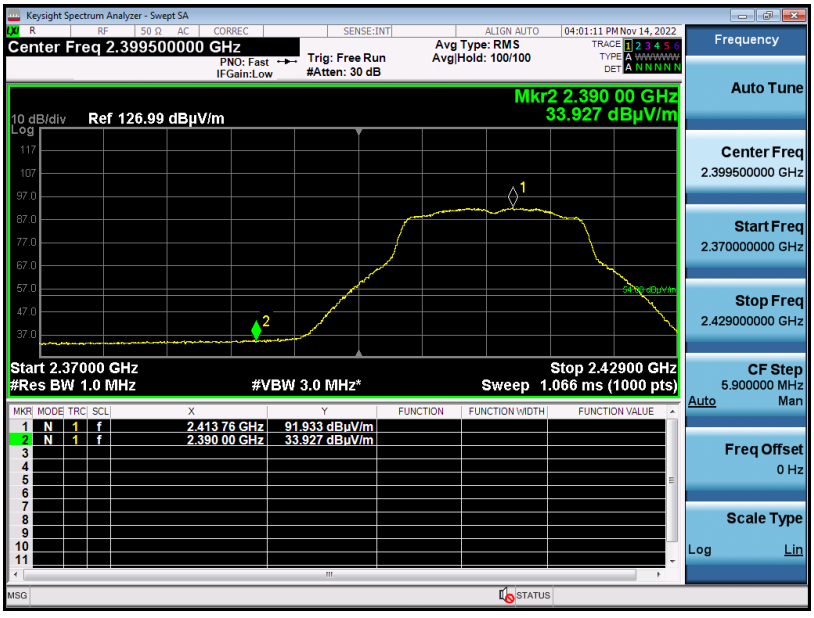
RESULT: PASS

EUT	Mini PC	Model Name	Mini IT12
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11g with data rate 6 2412MHz	Antenna	Vertical

Test Graph for Peak Measurement



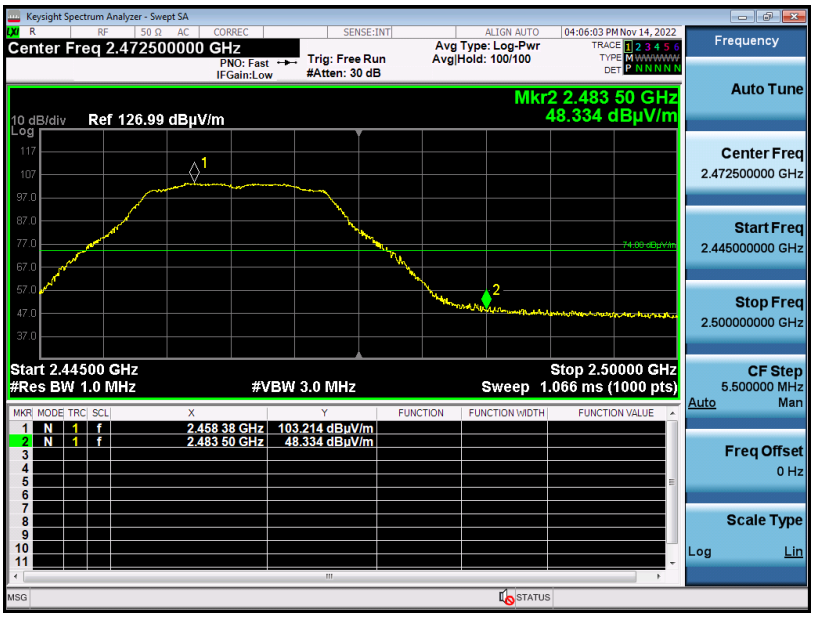
Test Graph for Average Measurement



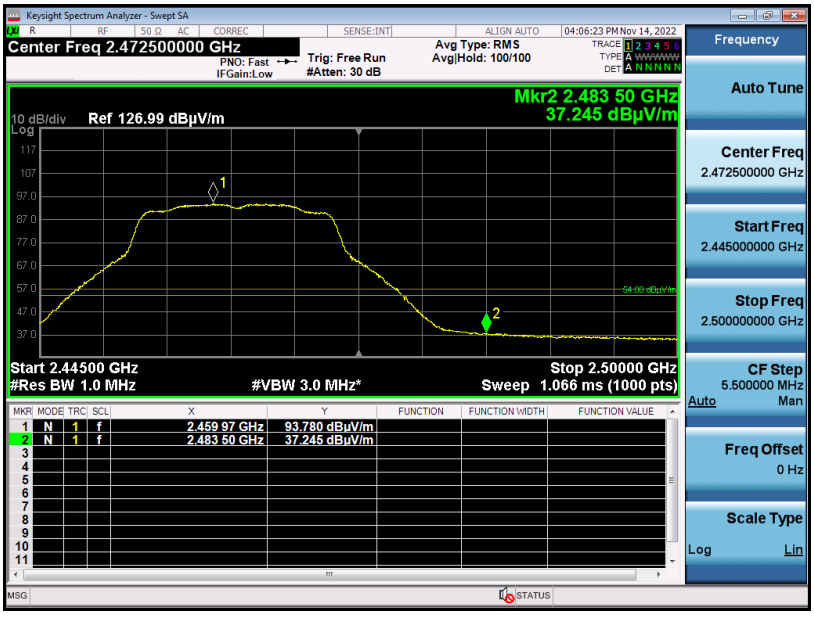
RESULT: PASS

EUT	Mini PC	Model Name	Mini IT12
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11g with data rate 6 2462MHz	Antenna	Horizontal

Test Graph for Peak Measurement



Test Graph for Average Measurement

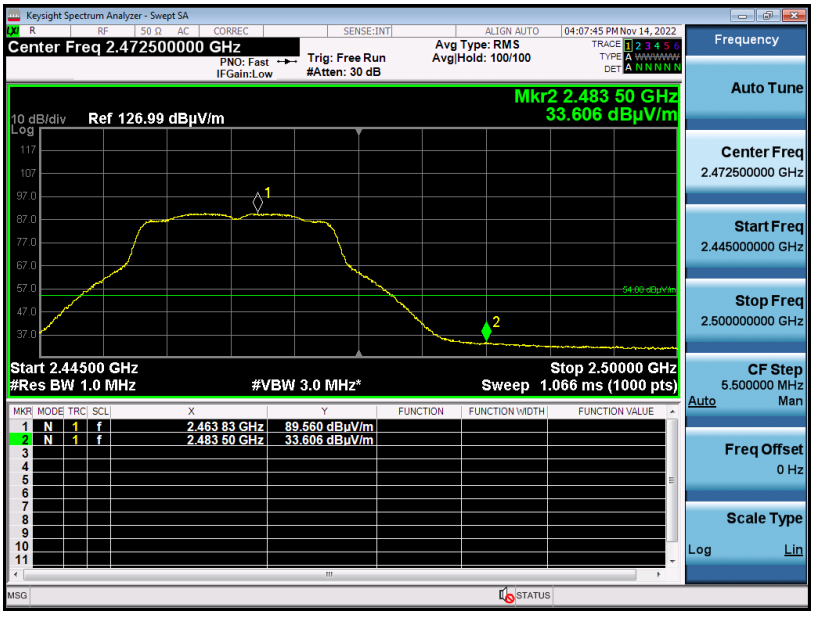


RESULT: PASS

EUT	Mini PC	Model Name	Mini IT12
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11g with data rate 6 2462MHz	Antenna	Vertical

Test Graph for Peak Measurement

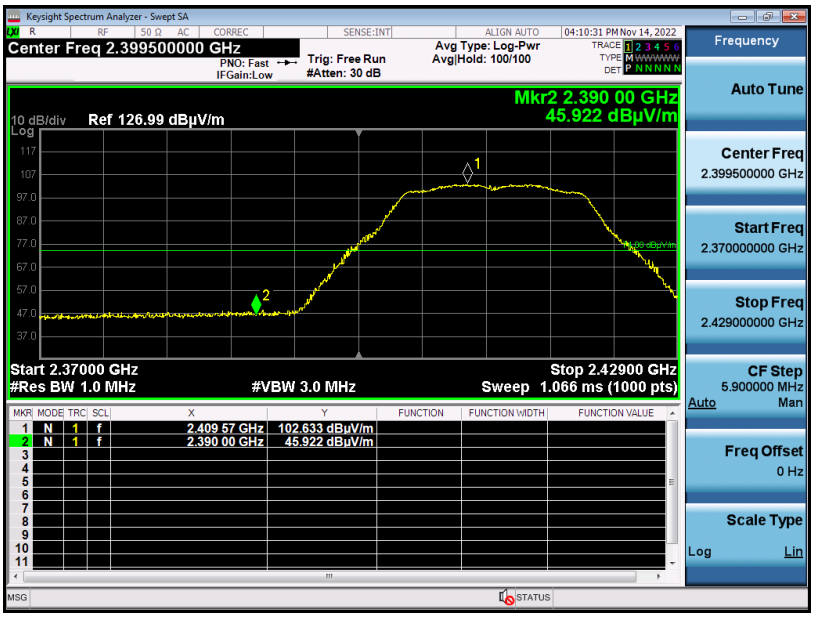
Test Graph for Average Measurement



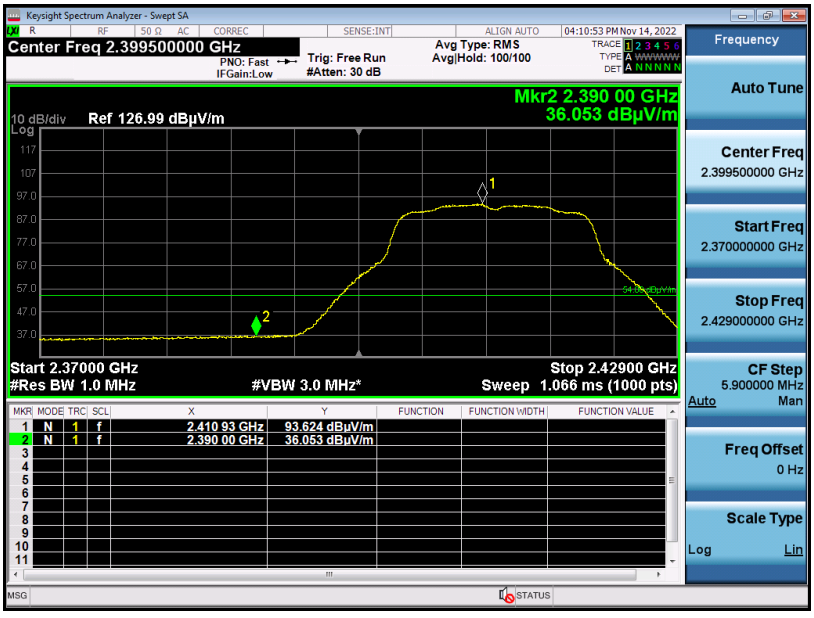
RESULT: PASS

EUT	Mini PC	Model Name	Mini IT12
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11n20 with data rate 6.5 2412MHz	Antenna	Horizontal

Test Graph for Peak Measurement



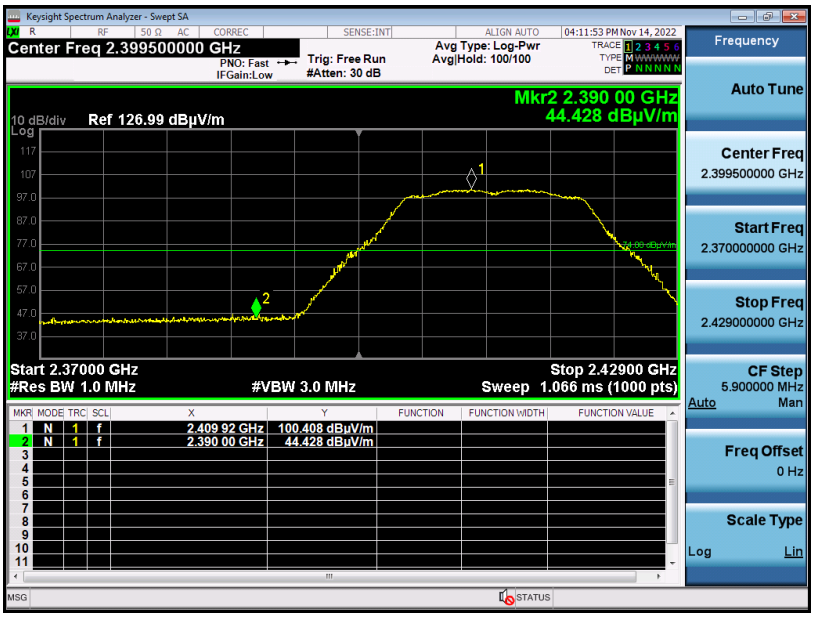
Test Graph for Average Measurement



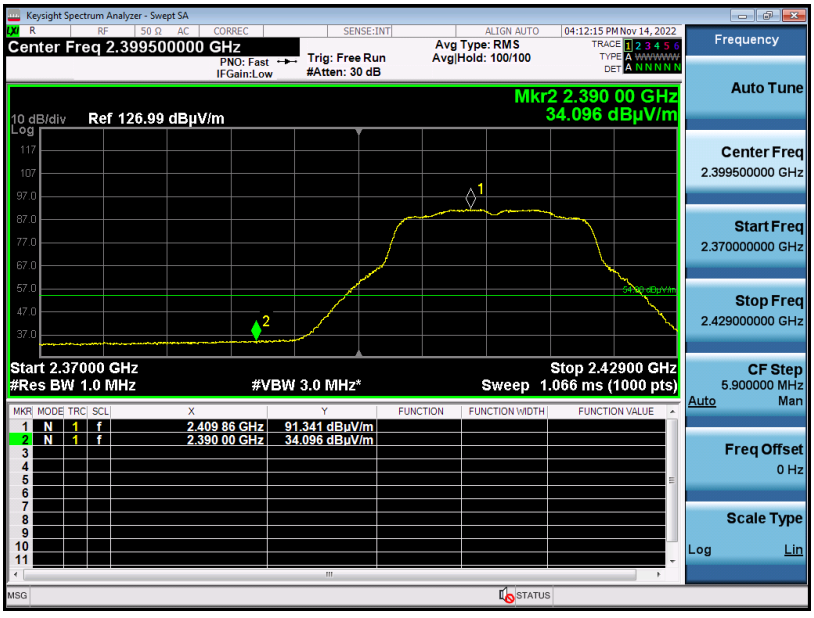
RESULT: PASS

EUT	Mini PC	Model Name	Mini IT12
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11n20 with data rate 6.5 2412MHz	Antenna	Vertical

Test Graph for Peak Measurement



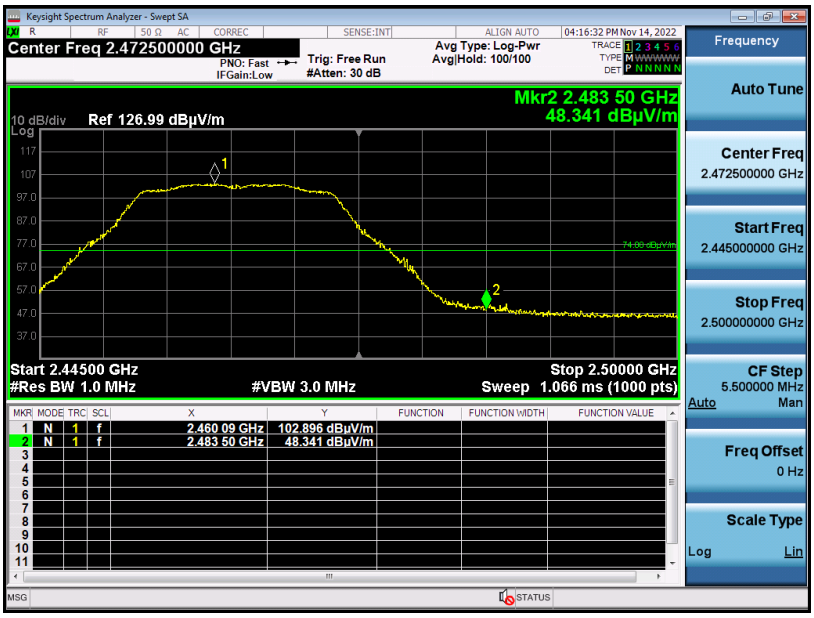
Test Graph for Average Measurement



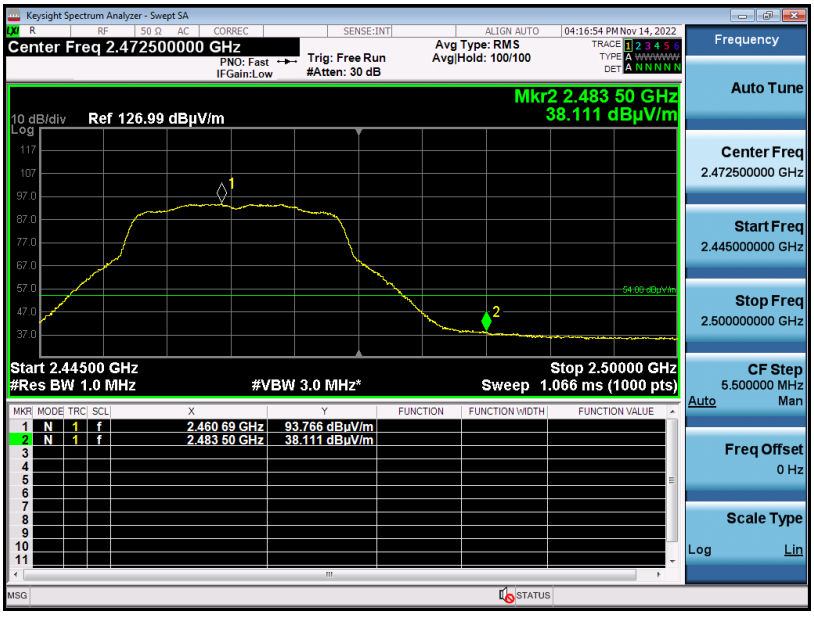
RESULT: PASS

EUT	Mini PC	Model Name	Mini IT12
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11n20 with data rate 6.5 2462MHz	Antenna	Horizontal

Test Graph for Peak Measurement



Test Graph for Average Measurement

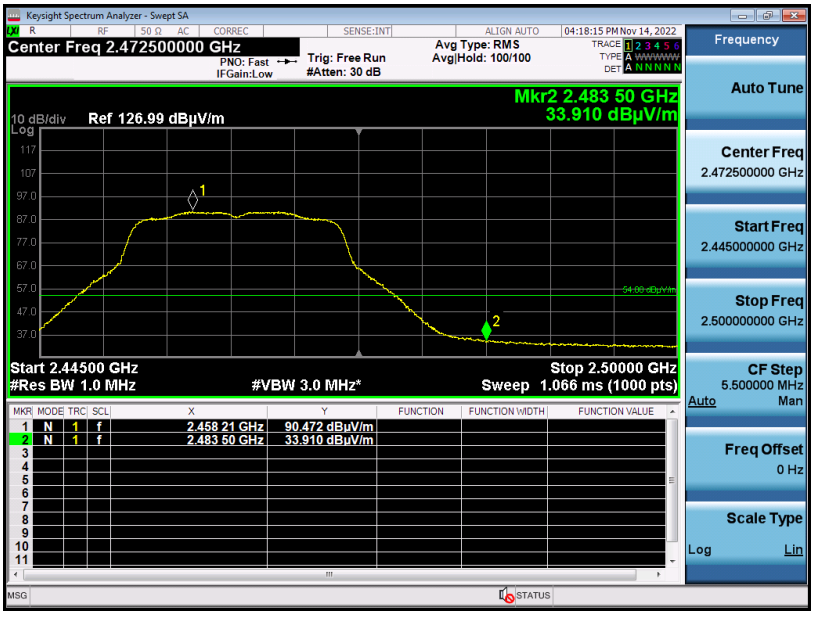


RESULT: PASS

EUT	Mini PC	Model Name	Mini IT12
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11n20 with data rate 6.5 2462MHz	Antenna	Vertical

Test Graph for Peak Measurement

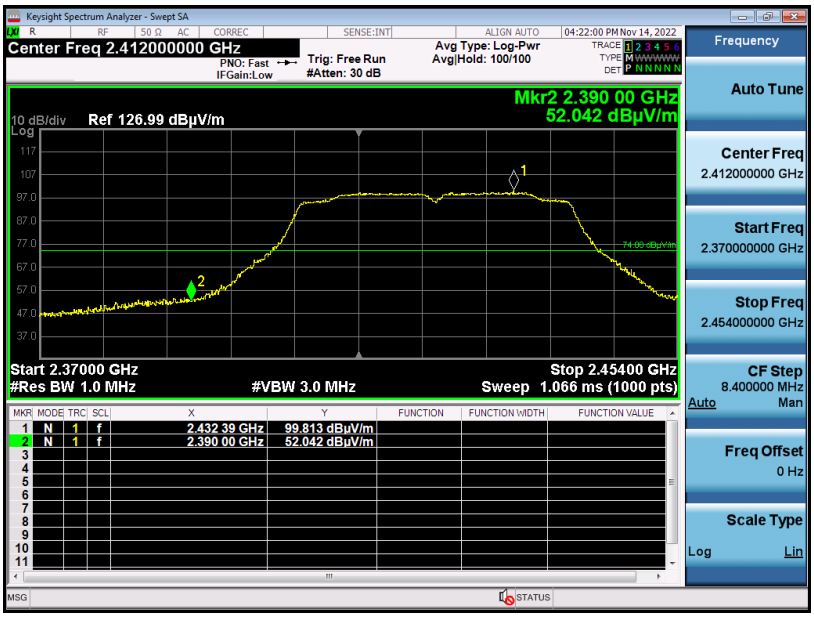
Test Graph for Average Measurement



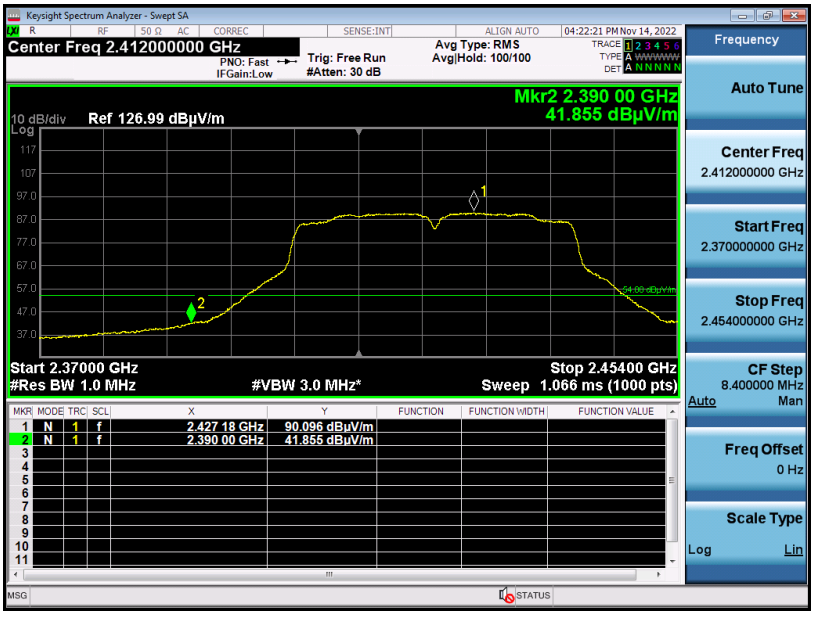
RESULT: PASS

EUT	Mini PC	Model Name	Mini IT12
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11n40 with data rate 13.5 2422MHz	Antenna	Horizontal

Test Graph for Peak Measurement



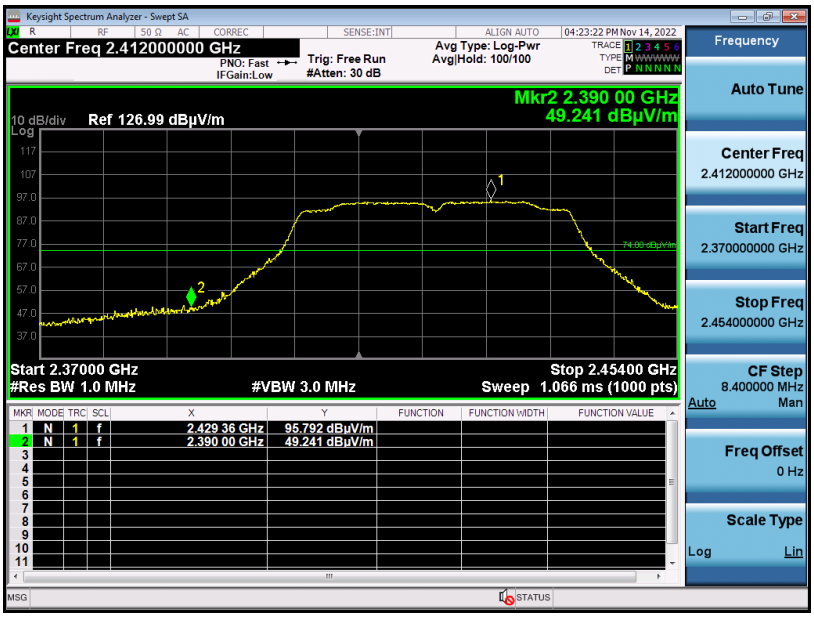
Test Graph for Average Measurement



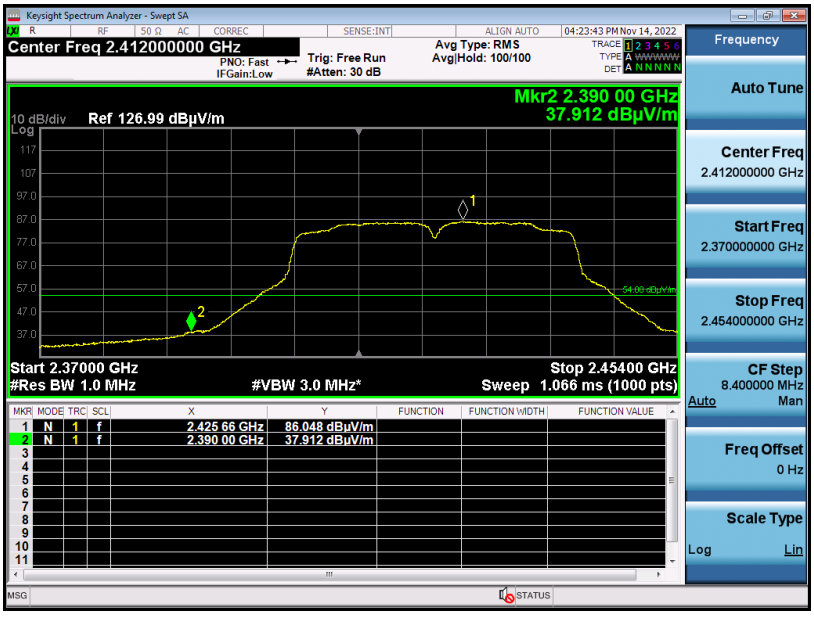
RESULT: PASS

EUT	Mini PC	Model Name	Mini IT12
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11n40 with data rate 13.5 2422MHz	Antenna	Vertical

Test Graph for Peak Measurement



Test Graph for Average Measurement

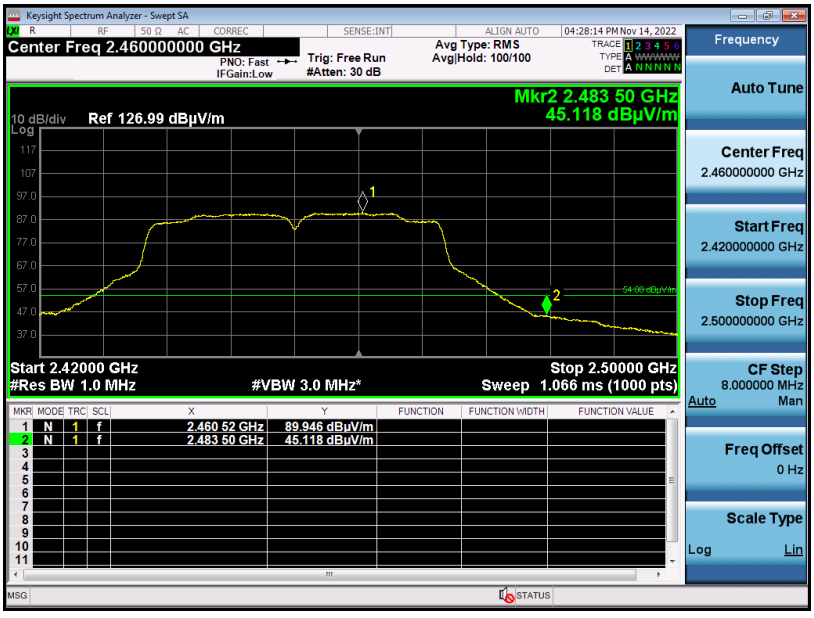


RESULT: PASS

EUT	Mini PC	Model Name	Mini IT12
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11n40 with data rate 13.5 2452MHz	Antenna	Horizontal

Test Graph for Peak Measurement

Test Graph for Average Measurement

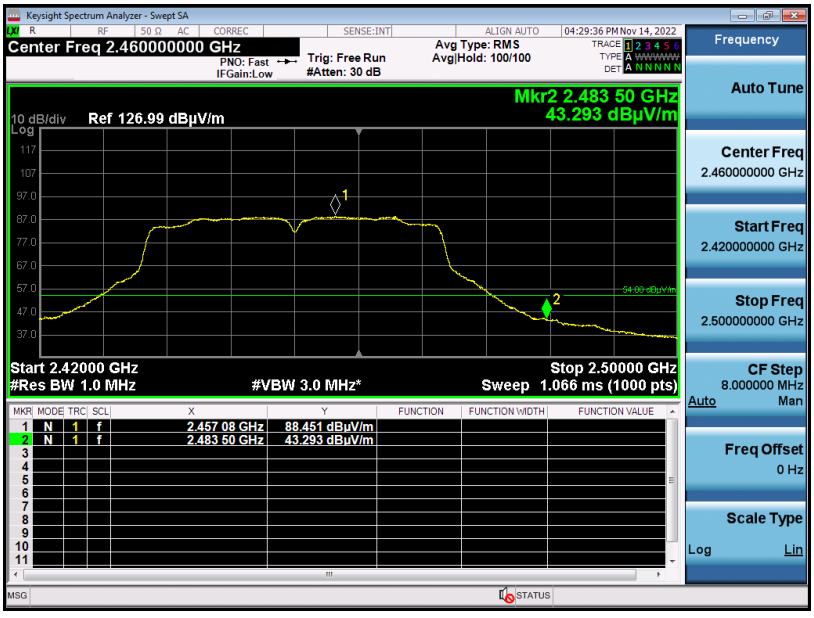


RESULT: PASS

EUT	Mini PC	Model Name	Mini IT12
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11n40 with data rate 13.5 2452MHz	Antenna	Vertical

Test Graph for Peak Measurement

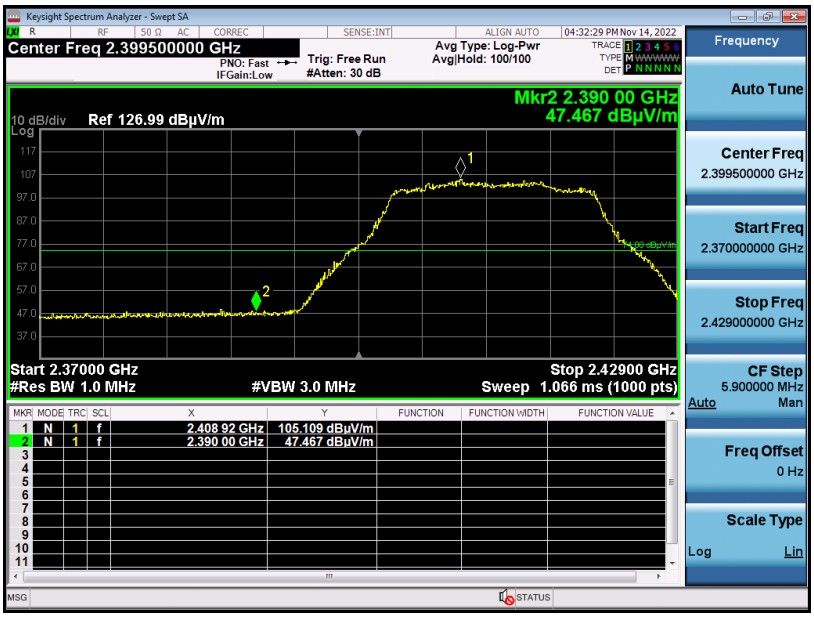
Test Graph for Average Measurement



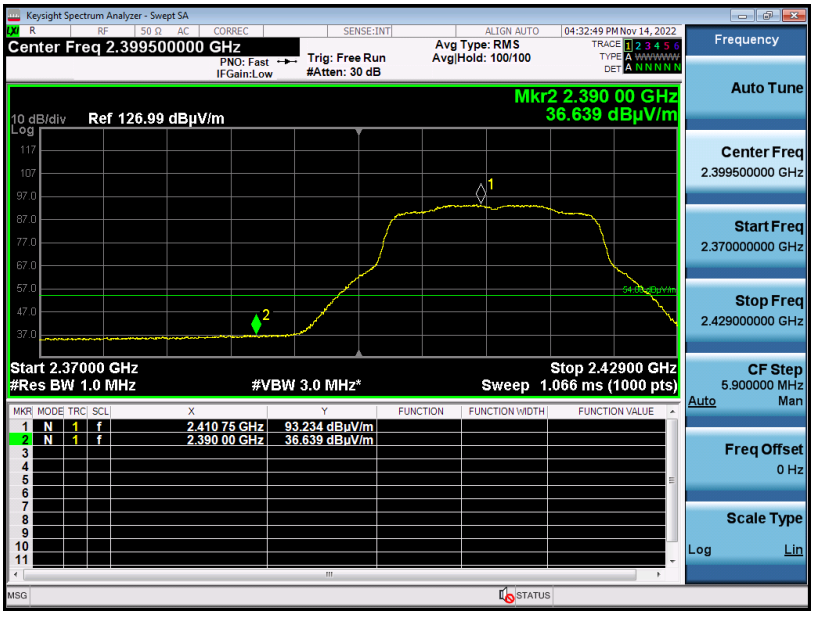
RESULT: PASS

EUT	Mini PC	Model Name	Mini IT12
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11ax20 with data rate 3.6 2412MHz	Antenna	Horizontal

Test Graph for Peak Measurement



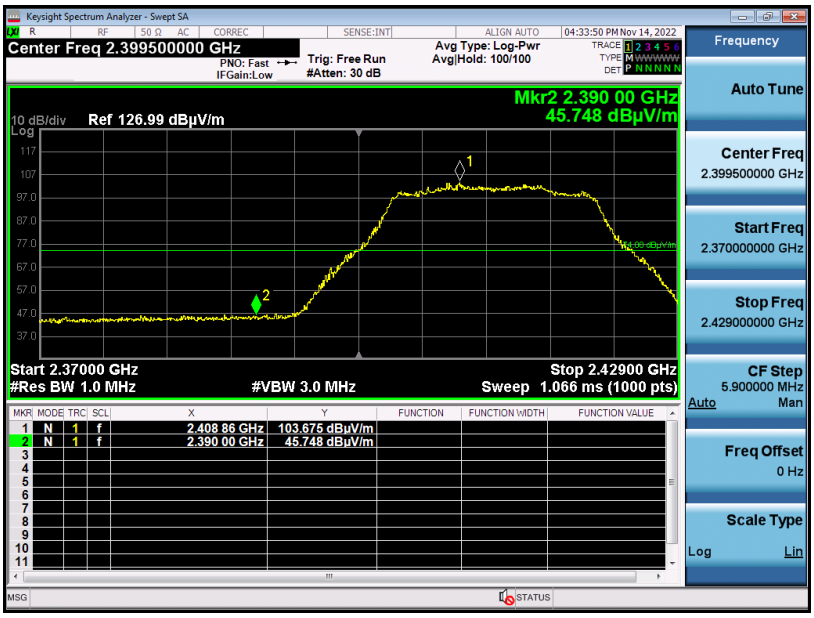
Test Graph for Average Measurement



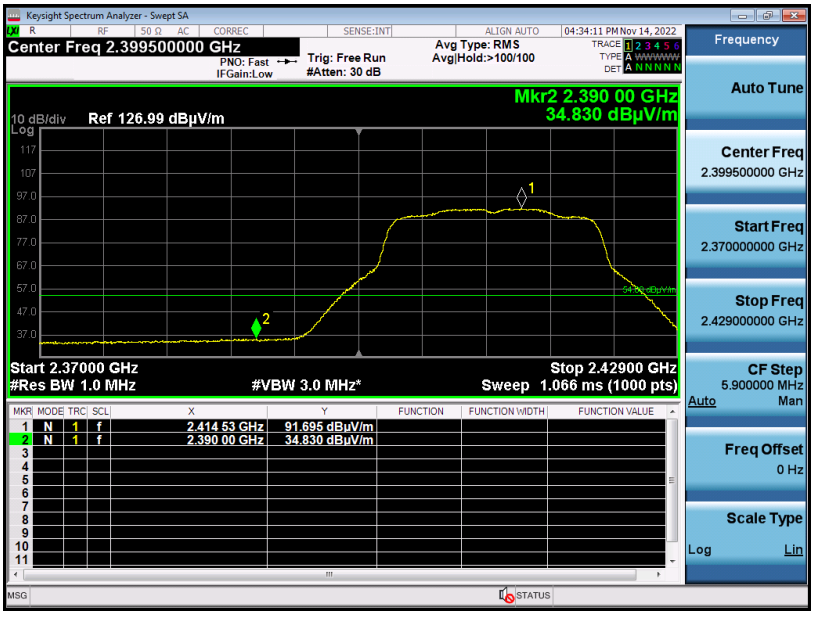
RESULT: PASS

EUT	Mini PC	Model Name	Mini IT12
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11ax20 with data rate 3.6 2412MHz	Antenna	Vertical

Test Graph for Peak Measurement



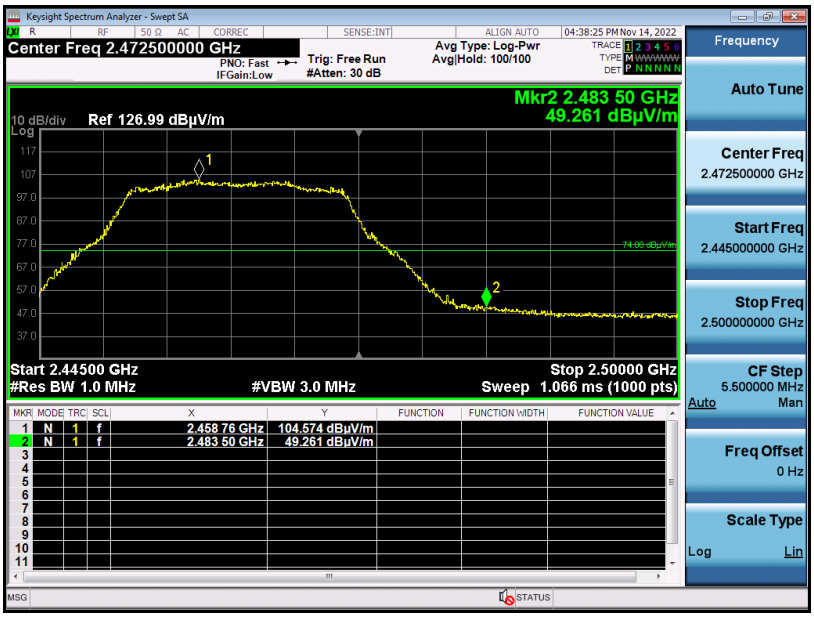
Test Graph for Average Measurement



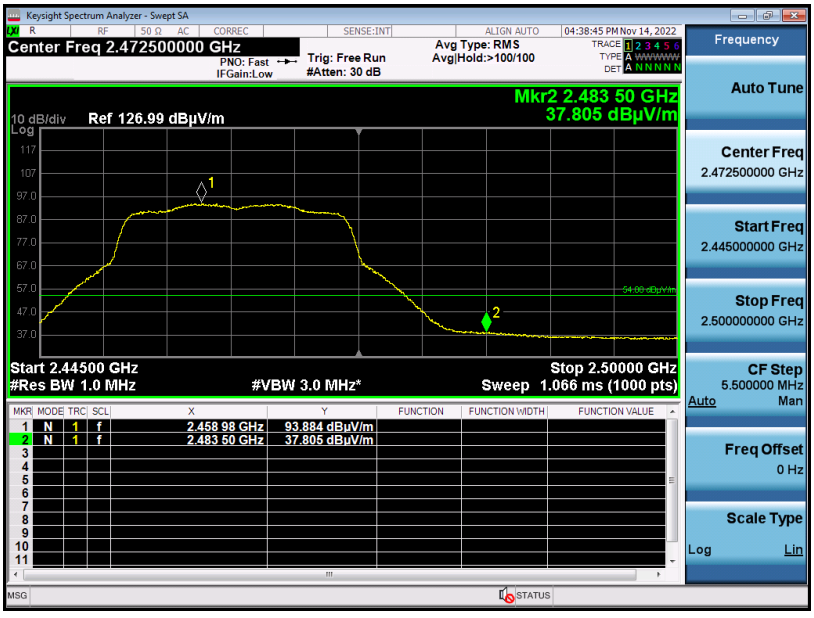
RESULT: PASS

EUT	Mini PC	Model Name	Mini IT12
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11ax20 with data rate 3.6 2462MHz	Antenna	Horizontal

Test Graph for Peak Measurement



Test Graph for Average Measurement

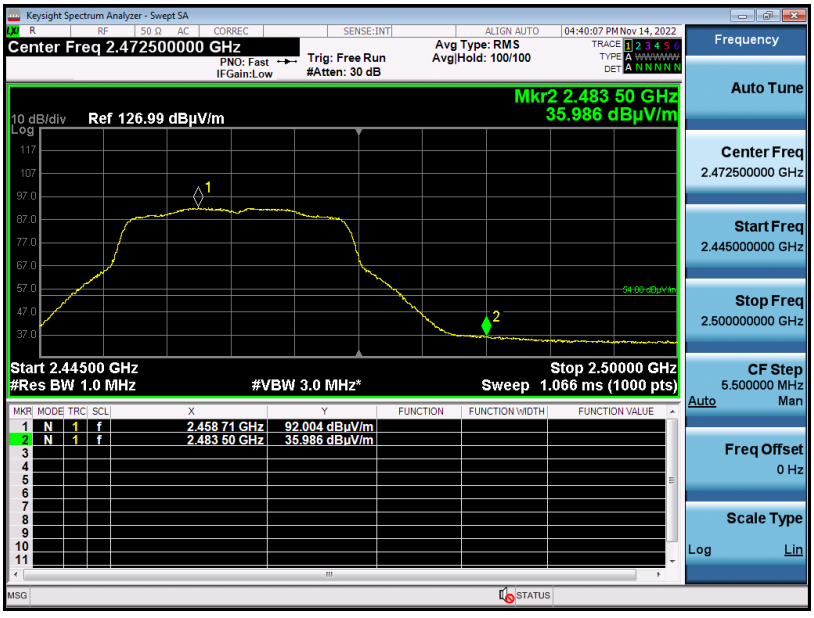


RESULT: PASS

EUT	Mini PC	Model Name	Mini IT12
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11ax20 with data rate 3.6 2462MHz	Antenna	Vertical

Test Graph for Peak Measurement

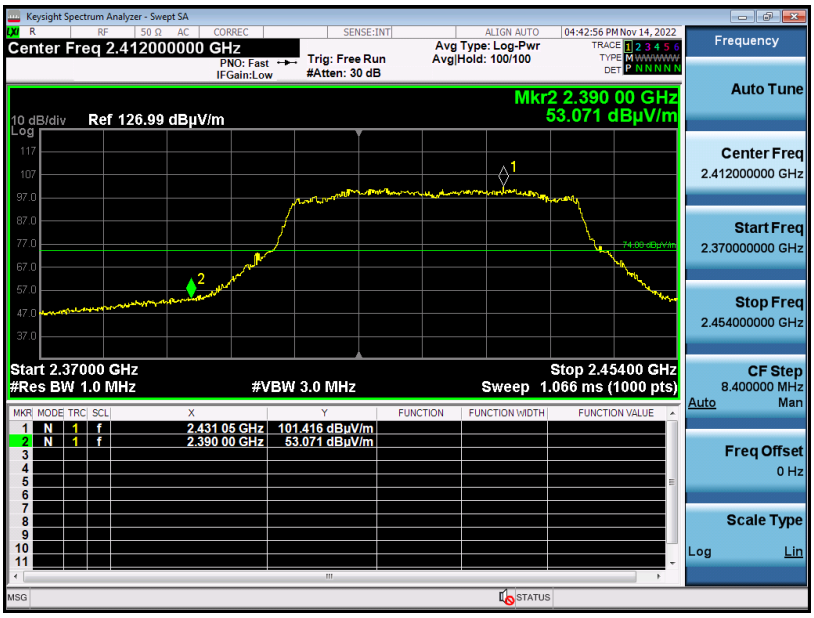
Test Graph for Average Measurement



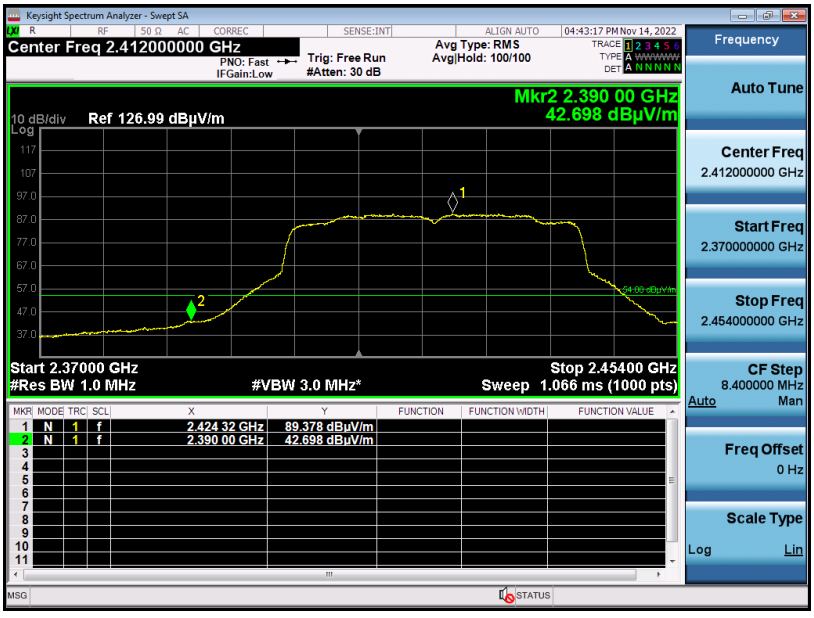
RESULT: PASS

EUT	Mini PC	Model Name	Mini IT12
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11ax40 with data rate 7.3 2422MHz	Antenna	Horizontal

Test Graph for Peak Measurement



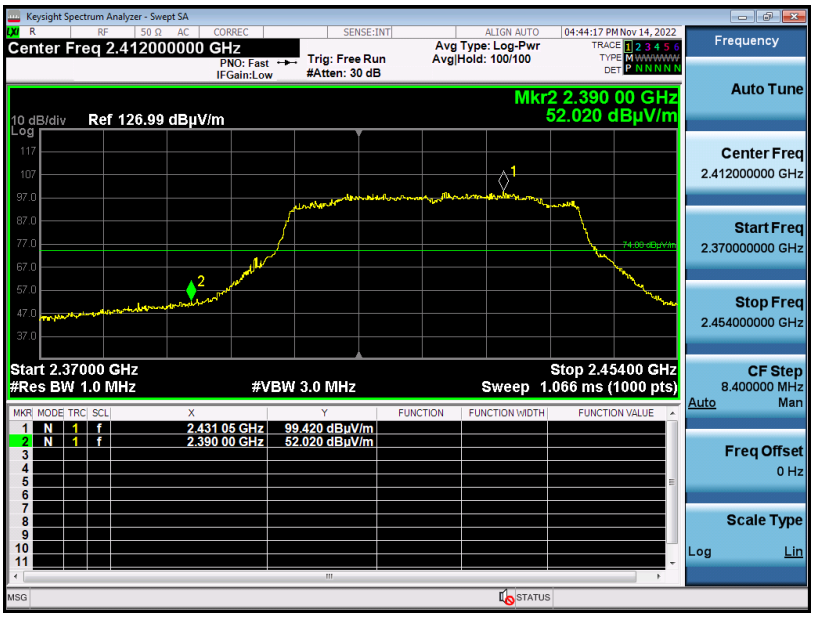
Test Graph for Average Measurement



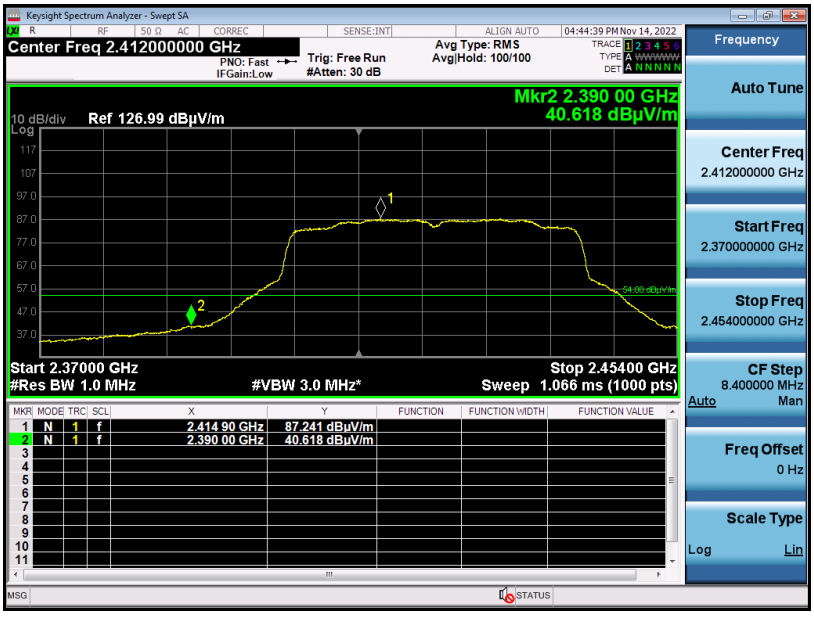
RESULT: PASS

EUT	Mini PC	Model Name	Mini IT12
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11ax40 with data rate 7.3 2422MHz	Antenna	Vertical

Test Graph for Peak Measurement



Test Graph for Average Measurement

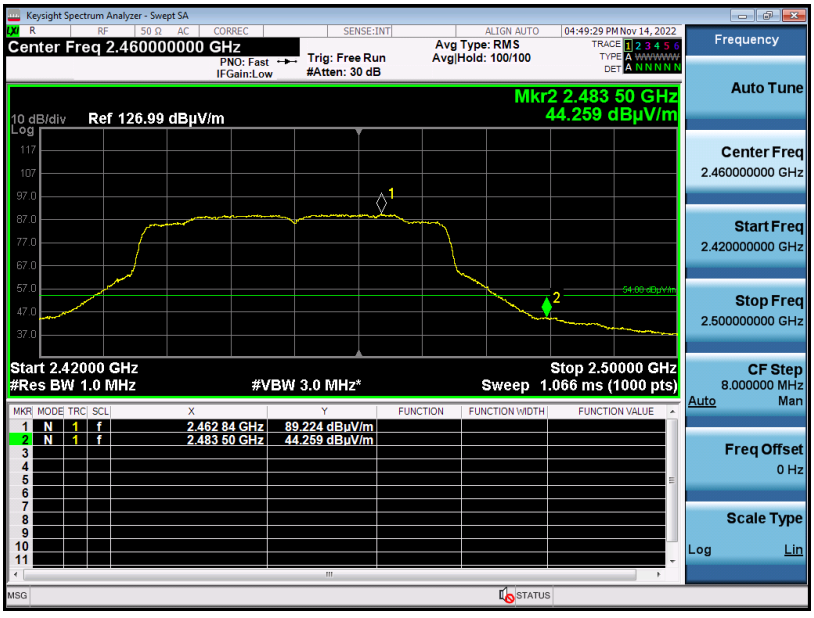


RESULT: PASS

EUT	Mini PC	Model Name	Mini IT12
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11ax40 with data rate 7.3 2452MHz	Antenna	Horizontal

Test Graph for Peak Measurement

Test Graph for Average Measurement

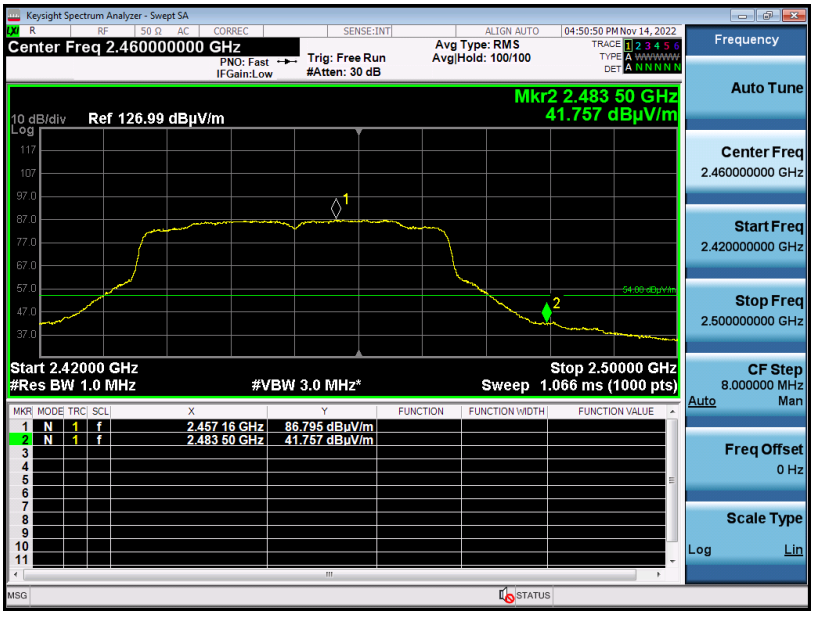


RESULT: PASS

EUT	Mini PC	Model Name	Mini IT12
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11ax40 with data rate 7.3 2452MHz	Antenna	Vertical

Test Graph for Peak Measurement

Test Graph for Average Measurement



RESULT: PASS

12. LINE CONDUCTED EMISSION TEST

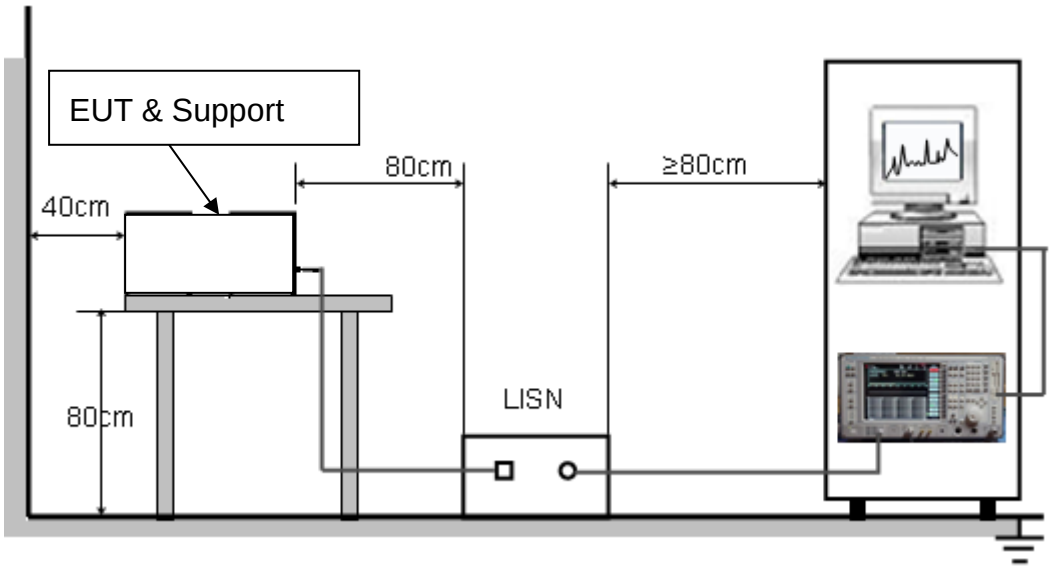
12.1. LIMITS OF LINE CONDUCTED EMISSION TEST

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.

12.2. BLOCK DIAGRAM OF LINE CONDUCTED EMISSION TEST



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.

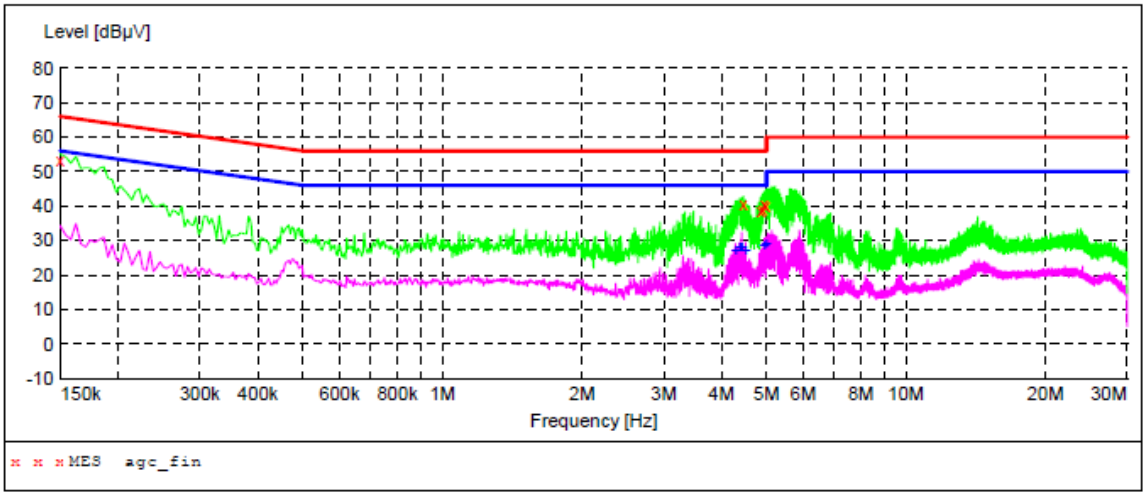
12.4. FINAL PROCEDURE OF LINE CONDUCTED EMISSION TEST

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 was reported on the Summary Data page.

12.5. TEST RESULT OF LINE CONDUCTED EMISSION TEST

Adapter 2

Line Conducted Emission Test Line 1-L



MEASUREMENT RESULT: "agc_fin"

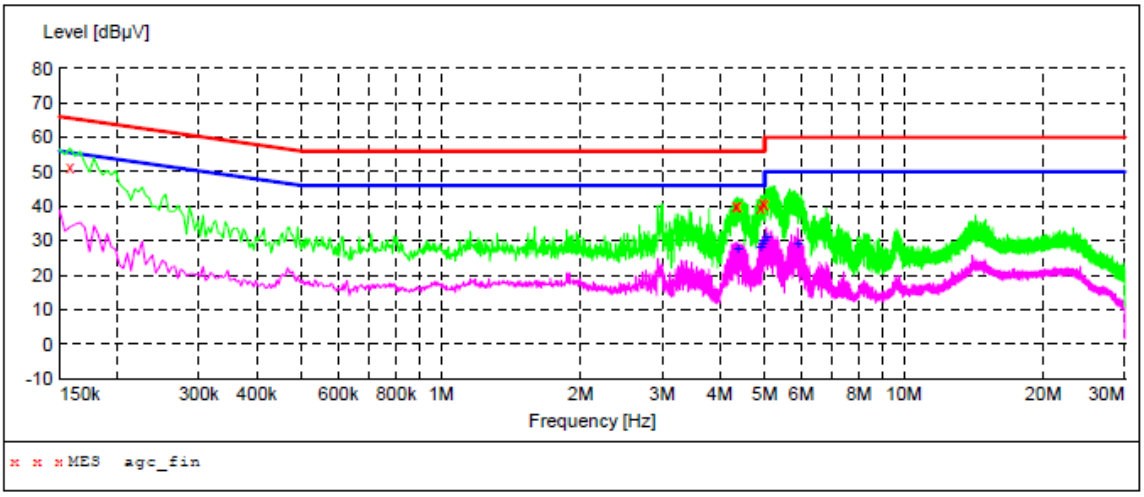
Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line
0.150000	53.50	6.9	66	12.5	QP	L1
4.462000	40.70	6.5	56	15.3	QP	L1
4.854000	38.50	6.6	56	17.5	QP	L1
4.894000	39.00	6.6	56	17.0	QP	L1
4.942000	40.30	6.6	56	15.7	QP	L1
4.986000	40.10	6.6	56	15.9	QP	L1

MEASUREMENT RESULT: "agc_fin2"

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line
4.286000	27.50	6.5	46	18.5	AV	L1
4.374000	28.30	6.5	46	17.7	AV	L1
4.418000	28.30	6.5	46	17.7	AV	L1
4.506000	27.30	6.6	46	18.7	AV	L1
4.950000	29.00	6.6	46	17.0	AV	L1
4.994000	29.20	6.6	46	16.8	AV	L1

RESULT: PASS

Line Conducted Emission Test Line 2-N



MEASUREMENT RESULT: "agc_fin"

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line
0.158000	51.30	6.8	66	14.3	QP	N
4.326000	40.00	6.5	56	16.0	QP	N
4.370000	39.90	6.5	56	16.1	QP	N
4.902000	39.40	6.6	56	16.6	QP	N
4.950000	40.80	6.6	56	15.2	QP	N
4.990000	40.60	6.6	56	15.4	QP	N

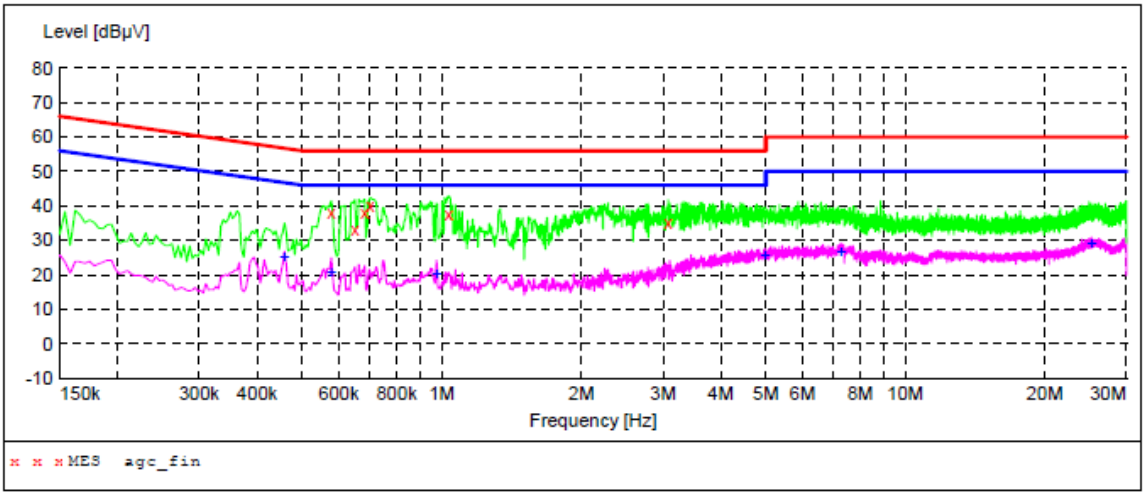
MEASUREMENT RESULT: "agc_fin2"

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line
4.370000	27.90	6.5	46	18.1	AV	N
4.910000	28.10	6.6	46	17.9	AV	N
4.954000	29.30	6.6	46	16.7	AV	N
4.998000	30.10	6.6	46	15.9	AV	N
5.042000	31.30	6.6	50	18.7	AV	N
5.894000	29.20	6.6	50	20.8	AV	N

RESULT: PASS

Adapter 3

Line Conducted Emission Test Line 1-L



MEASUREMENT RESULT: "agc_fin"

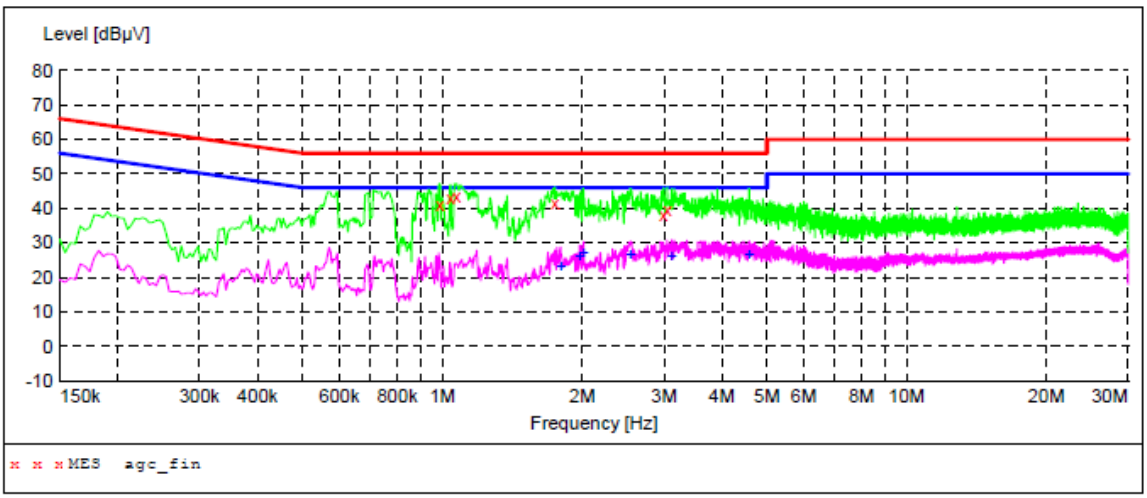
Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line
0.578000	38.30	5.4	56	17.7	QP	L1
0.650000	33.40	5.4	56	22.6	QP	L1
0.682000	38.30	5.4	56	17.7	QP	L1
0.702000	39.90	5.4	56	16.1	QP	L1
1.034000	37.80	5.5	56	18.2	QP	L1
3.078000	34.90	6.5	56	21.1	QP	L1

MEASUREMENT RESULT: "agc_fin2"

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line
0.458000	25.10	5.5	47	21.6	AV	L1
0.578000	21.00	5.4	46	25.0	AV	L1
0.974000	20.50	5.4	46	25.5	AV	L1
4.970000	26.00	6.6	46	20.0	AV	L1
7.266000	26.80	6.7	50	23.2	AV	L1
25.198000	29.20	9.2	50	20.8	AV	L1

RESULT: PASS

Line Conducted Emission Test Line 2-N



MEASUREMENT RESULT: "agc_fin"

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line
0.986000	41.10	5.4	56	14.9	QP	N
1.042000	42.80	5.5	56	13.2	QP	N
1.074000	43.20	5.5	56	12.8	QP	N
1.746000	41.60	6.3	56	14.4	QP	N
2.994000	38.20	6.5	56	17.8	QP	N
3.050000	39.40	6.5	56	16.6	QP	N

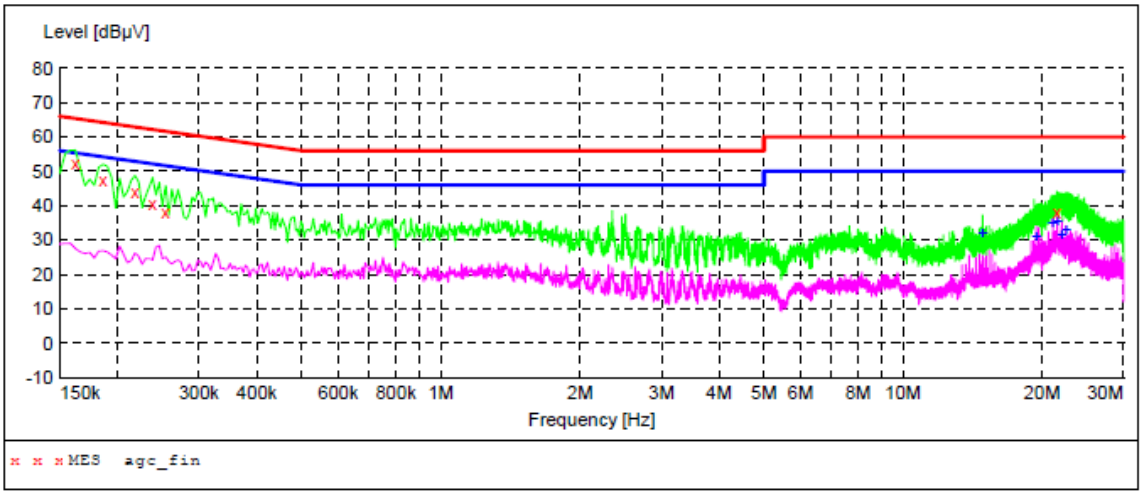
MEASUREMENT RESULT: "agc_fin2"

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line
1.798000	23.40	6.3	46	22.6	AV	N
1.974000	26.10	6.5	46	19.9	AV	N
2.014000	27.10	6.5	46	18.9	AV	N
2.542000	27.00	6.5	46	19.0	AV	N
3.118000	26.20	6.5	46	19.8	AV	N
4.578000	26.80	6.6	46	19.2	AV	N

RESULT: PASS

Adapter 5

Line Conducted Emission Test Line 1-L



MEASUREMENT RESULT: "agc_fin"

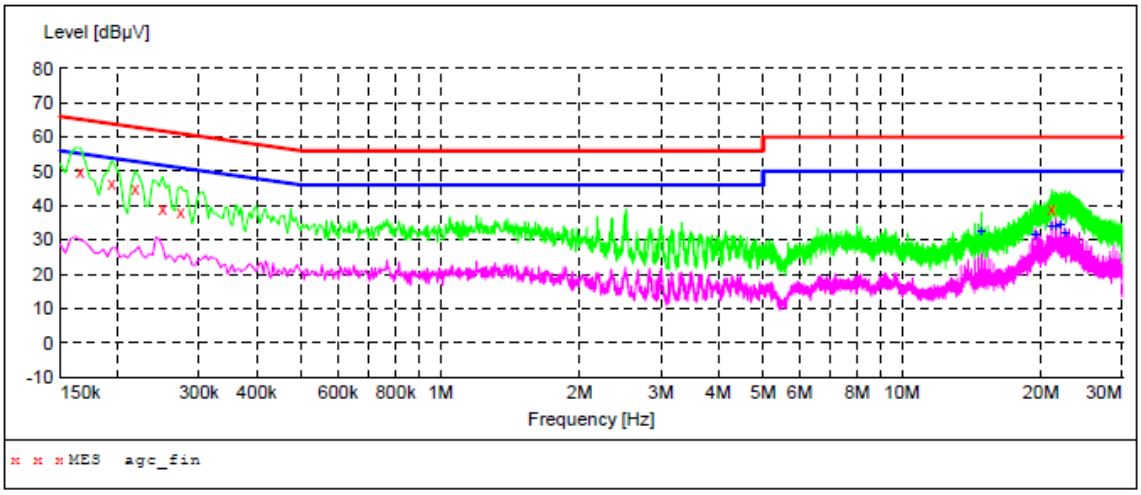
Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line
0.162000	52.10	6.8	65	13.3	QP	L1
0.186000	47.60	6.6	64	16.6	QP	L1
0.218000	43.80	6.4	63	19.1	QP	L1
0.238000	40.70	6.3	62	21.5	QP	L1
0.254000	38.10	6.2	62	23.5	QP	L1
21.518000	38.00	8.9	60	22.0	QP	L1

MEASUREMENT RESULT: "agc_fin2"

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line
14.854000	32.20	8.3	50	17.8	AV	L1
19.406000	31.30	8.7	50	18.7	AV	L1
21.082000	35.10	8.9	50	14.9	AV	L1
21.562000	35.70	8.9	50	14.3	AV	L1
22.042000	31.80	9.0	50	18.2	AV	L1
22.518000	33.10	9.0	50	16.9	AV	L1

RESULT: PASS

Line Conducted Emission Test Line 2-N



MEASUREMENT RESULT: "agc_fin"

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line
0.166000	49.70	6.8	65	15.5	QP	L1
0.194000	46.20	6.6	64	17.7	QP	L1
0.218000	45.00	6.4	63	17.9	QP	L1
0.250000	39.20	6.3	62	22.6	QP	L1
0.274000	38.30	6.1	61	22.7	QP	L1
21.078000	39.30	8.9	60	20.7	QP	L1

MEASUREMENT RESULT: "agc_fin2"

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line
14.850000	32.80	8.3	50	17.2	AV	L1
19.402000	31.60	8.7	50	18.4	AV	L1
21.078000	33.90	8.9	50	16.1	AV	L1
21.558000	34.20	8.9	50	15.8	AV	L1
22.034000	34.80	9.0	50	15.2	AV	L1
22.514000	32.00	9.0	50	18.0	AV	L1

RESULT: PASS

APPENDIX A: PHOTOGRAPHS OF TEST SETUP

Refer to the Report No.: AGC12060221001AP02

APPENDIX B: PHOTOGRAPHS OF EUT

Refer to the Report No.: AGC12060221001AP03

----END OF REPORT----

Conditions of Issuance of Test Reports

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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.