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J-MEX INC.

TEST REPORT

Model:
MOXI BridgeSync

REPORT NUMBER
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Radio Spectrum
TEST REPORT

Applicant:	**J-MEX INC.** **B2, 3F, No.1, Li-Hsin 1st Road, Hsinchu Science Park, Hsinchu, Taiwan 30078**
Product:	**MOXI**
Model No.:	**MOXI BridgeSync**
FCC ID:	**XXAMOXIBRIDGE**
Test Method/ Standard:	**47 CFR FCC Part 15.247 & ANSI C63.10 2013** **KDB 558074 D01 v05r02**
Test By:	**Intertek Testing Services Taiwan Ltd.,** **Hsinchu Laboratory** **No. 17, Ln. 246, Niupu S. Rd., Xiangshan Dist,** **Hsinchu City 300075, Taiwan**

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Revision History

Report No.	Issue Date	Revision Summary
240800375THC-001	Oct. 23, 2024	Original report

Table of Contents

Summary of Test Data 5

1. General Information 6
   1.1 Identification of the EUT 6
   1.2 Antenna description 6
   1.3 Operation mode 6
   1.4 Peripherals equipment 7

2. Minimum 6 dB Bandwidth 8
   2.1 Instrument Setting 8
   2.2 Test Procedure 8
   2.3 Test Diagram 8
   2.4 Limit 8
   2.5 Test Results 9

3. Maximum Peak Conducted Output Power 11
   3.1 Instrument Setting 11
   3.2Test Procedure 11
   3.3 Test Diagram 11
   3.4 Limit 11
   3.5 Test Results 12

4. Power Spectral Density 13
   4.1 Instrument Setting 13
   4.2 Test Procedure 13
   4.3 Test Diagram 13
   4.4 Limit 13
   4.5 Test Results 14

5. Emissions in Non-Restricted Frequency Bands 16
   5.1 Instruments Setting 16
   5.2 Test Procedure 16
   5.3 Test Diagram 16
   5.4 Limit 16
   5.5 Test Results 17

6. Emissions in Restricted Frequency Bands (Radiated emission measurements) 21
   6.1 Instrument Setting 21
   6.2 Test setup & procedure 21
   6.3 Limit 23
   6.4 Test Result 24

7. Emission on Band Edge 28
   7.1 Instrument Setting 28
   7.2 Test Procedure 28
   7.3 Test Results 28

8. AC Power Line Conducted Emission 31
8.1 Measuring instrument setting 31
8.2 Test Procedure 31
8.3 Test Diagram 31
8.4 Limit 32
8.5 Test Results 33

Appendix A: Test equipment list 35

Appendix B: Measurement Uncertainty 37

Summary of Test Data

Test Requirement	Applicable Rule (Section 15.247)	Result
Minimum 6 dB Bandwidth	15.247(a)(2)	Pass
Maximum Peak Conducted Output Power	15.247(b)(3)	Pass
Power Spectral Density	15.247(e)	Pass
Emissions In Non-Restricted Frequency Bands	15.247(d)	Pass
Emissions In Restricted Frequency Bands (Radiated emission measurements)	15.247(d), 15.205, 15.209	Pass
Emission On The Band Edge	15.247(d), 15.205	Pass
AC Power Line Conducted Emission	15.207	Pass
Antenna Requirement	15.203	Pass

Note: Please note that the test results with statement of conformity, the decision rules which are based on: Safety Testing: the specification, standard or IEC Guide 115.
Other Testing: the specification, standard and not taking into account the measurement uncertainty.

1. General Information

1.1 Identification of the EUT

Product:	MOXI
Model No.:	MOXI BridgeSync
Operating Frequency:	2402 MHz ~ 2480 MHz
Channel Number:	40 channels
Frequency of Each Channel:	2402+2 k, k＝0 ~ 39
Rating:	DC 5V from USB port
Power Cord:	N/A
Sample receiving date:	2024/08/27
Sample condition:	Workable
Test Date(s):	2024/09/12 ~ 2024/10/08

1.2 Antenna description

Antenna Gain : 2.468 dBi
Antenna Type : Dipole Antenna
Connector Type : RP-SMA

1.3 Operation mode

Connected to Notebook, executing “nRF Connect v5.0.2” to select different frequency.

Mode	Channel	Frequency (MHz)	Signal on time(ms)	Signal on & off time(ms)	Duty cycle	Duty Cycle factor
BLE 2M	19	2440	1.075	1.865	0.576	2.393

1.4 Peripherals equipment

Peripherals name	Brand	Model No.	Serial No.
Notebook PC	HP	HP ProBook 440 G3	5CD8021S9H
Fixture	XuanTeJia Electromic	FT232 Module	N/A

Peripherals name	Length	Shielded(Y/N)	Brand	Model No.
Type-C Cable	2.0m	Y	AINOPE	AP544-2M
USB Cable	1.5m	Y	UGREEN	20276

2. Minimum 6 dB Bandwidth

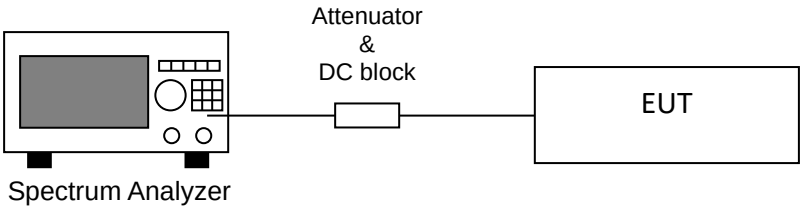
2.1 Instrument Setting

Spectrum Parameter	Setting
Detector	Peak
RBW	100kHz
VBW	≧3 x RBW
Sweep	Auto couple
Trace	Allow the trace to stabilize.
Span	Between two times and five times the occupied bandwidth
Attenuation	Auto

2.2 Test Procedure

Step 1	The transmitter output was connected to the spectrum analyzer.
Step 2	Test was performed accordance with ANSI C63.10.
Step 3	Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission

2.3 Test Diagram



2.4 Limit

The minimum 6 dB bandwidth shall be at least 500 kHz.

2.5 Test Results

Temperature (℃) :	23
Relative Humidity (%) :	62
Test date:	2024/10/08

Mode	Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)	Result
BLE 2M	0	2402	1.131	>0.5	Pass
	19	2440	1.117	>0.5	Pass
	39	2480	1.149	>0.5	Pass

6dB Bandwidth @ BLE 2M Ch 0

6dB Bandwidth @ BLE 2M Ch 19

6dB Bandwidth @ BLE 2M Ch 39

3. Maximum Peak Conducted Output Power

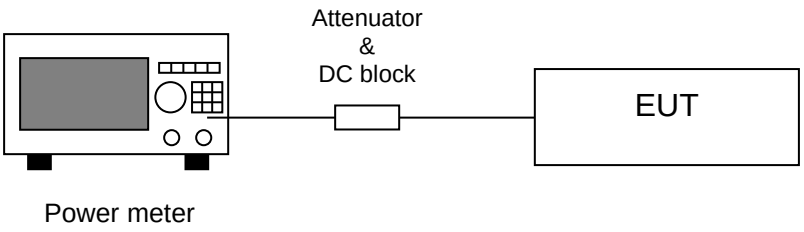
3.1 Instrument Setting

Power Meter Parameter	Setting
Bandwidth	65MHz bandwidth is greater than the EUT emission bandwidth
Detector	Peak & Average

3.2Test Procedure

The preferred methodology is to use integrated average power measurements, as described in 11.9.2 and 11.13.3 of ANSI C63.10. The peak integrated band power methods of 11.9.1.2 and 11.13.3.2 of ANSI C63.10 are not applicable for FCC compliance testing purposes.

3.3 Test Diagram



3.4 Limit

For systems using digital modulation in the 2400-2483.5 MHz: 1 Watt (30dBm)

3.5 Test Results

Temperature (℃) :	25
Relative Humidity (%) :	68
Test date:	2024/09/16

Mode	Channel	Frequency (MHz)	Output Power (AV) (dBm)	Total Power (AV) (mW)	Maximum power (PK) (dBm)	Maximum power (PK) (mW)	Limit (dBm)	Margin (dB)
BLE 2M	0	2402	-8.04	0.16	-7.94	0.16	30	-37.94
	19	2440	-11.33	0.07	-11.20	0.08	30	-41.20
	39	2480	-7.20	0.19	-7.14	0.19	30	-37.14

4. Power Spectral Density

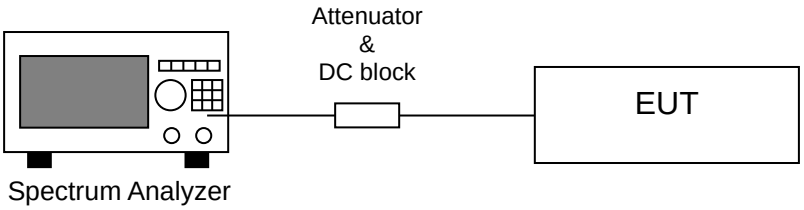
4.1 Instrument Setting

Spectrum Function	Setting
Detector	Peak
RBW	≧3 kHz
VBW	≧3 x RBW
Sweep	Auto couple
Trace	Max hold
Span	1.5 times x 6dB bandwidth
Attenuation	Auto

4.2 Test Procedure

Step 1	Test procedure refer to subclause 11.10 of ANSI C63.10.
Step 2	Using the maximum conducted output power in the fundamental emission demonstrates compliance. The EUT must be configured to transmit continuously at full power over the measurement duration.
Step 3	Use the peak marker function to determine the maximum amplitude level within the RBW.

4.3 Test Diagram



4.4 Limit

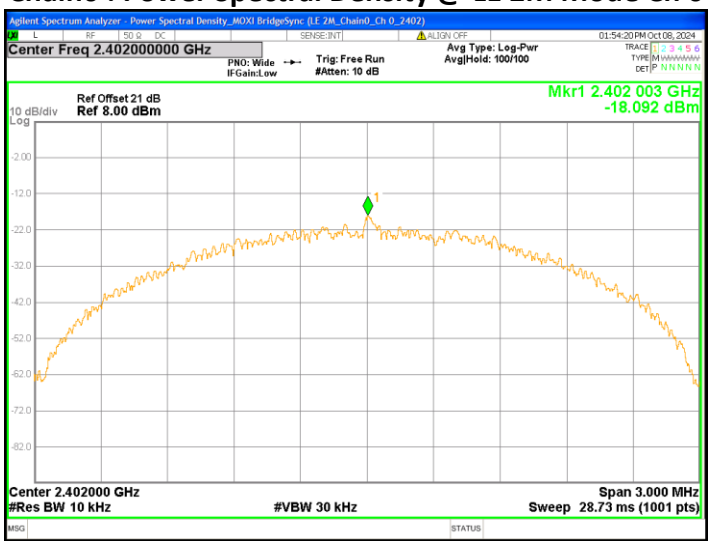
For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission

4.5 Test Results

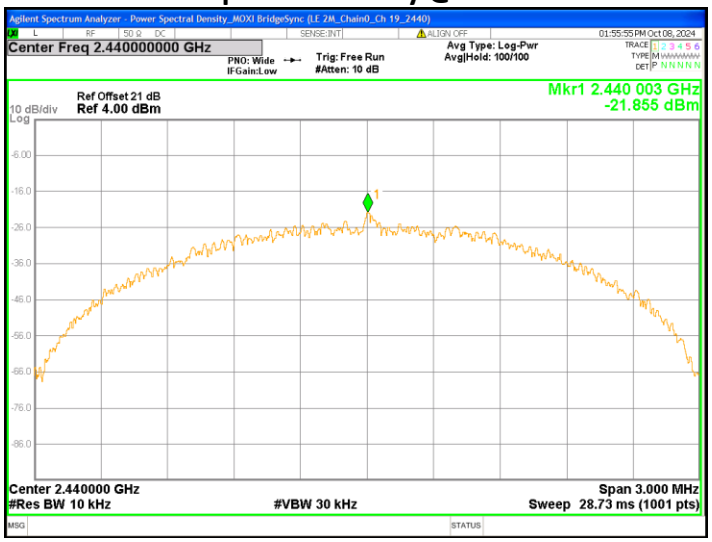
Temperature (℃) :	23
Relative Humidity (%) :	62
Test date:	2024/10/08

Mode	Channel	Frequency (MHz)	PSD (dBm)	Limit (dBm)	Margin (dB)
BLE 2M	0	2402	-18.092	8	-26.092
	19	2440	-21.855	8	-29.855
	39	2480	-17.478	8	-25.478

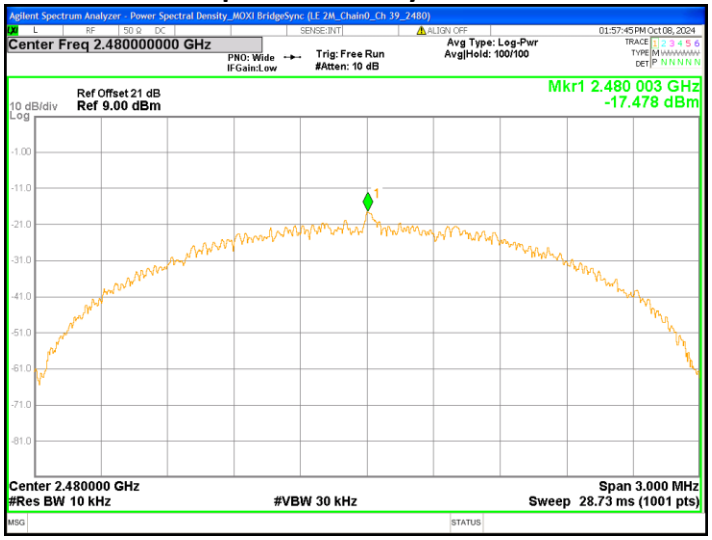
Chain0 : Power Spectral Density @ LE 2M Mode Ch 0



Chain0 : Power Spectral Density @ LE 2M Mode Ch 19



Chain0 : Power Spectral Density @ LE 2M Mode Ch 39



5. Emissions in Non-Restricted Frequency Bands

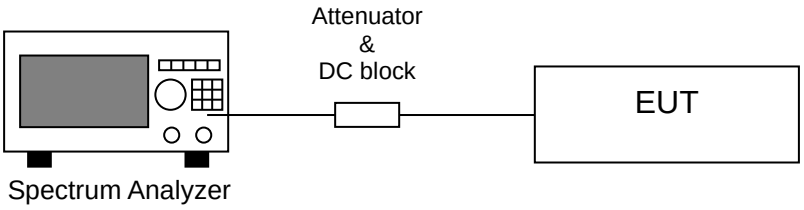
5.1 Instruments Setting

Spectrum Function	Setting (Reference Level)	Setting (Emission Level)
Detector	Peak	Peak
RBW	≧ 100 kHz	≧ 100 kHz
VBW	≧ 3 x RBW	≧ 3 x RBW
Sweep	Auto couple	Auto couple
Trace	Max hold	Max hold
Span	≧ 1.5 time 6dB bandwidth	
Attenuation	Auto	Auto

5.2 Test Procedure

Step 1 The procedure was used in antenna-port conducted and connected to the spectrum analyzer.
Step 2 Set instrument center frequency to center frequency.
Step 3 Use the parameter configured in subclause 11.11 of ANSI C63.10 to measure.
Step 4 Use the peak marker function to determine the maximum amplitude level.

5.3 Test Diagram



5.4 Limit

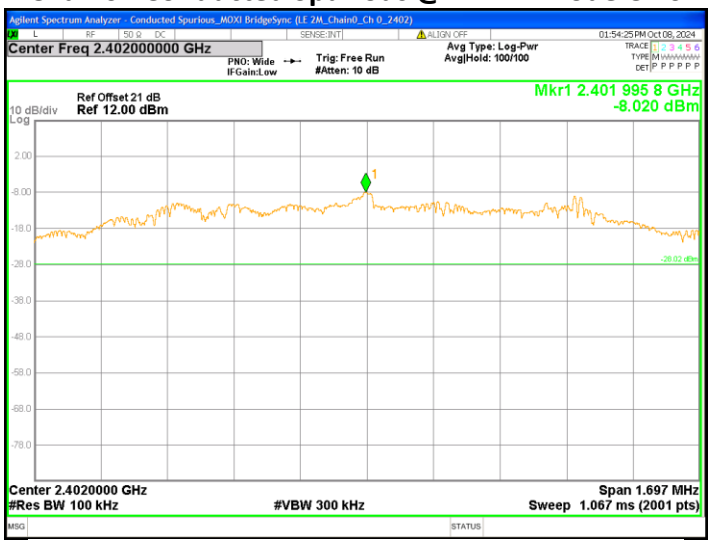
The peak output power measured in any 100 kHz bandwidth outside of the authorized frequency band shall be attenuated by at least 20 dB relative to the maximum in-band peak PSD level in 100 kHz

5.5 Test Results

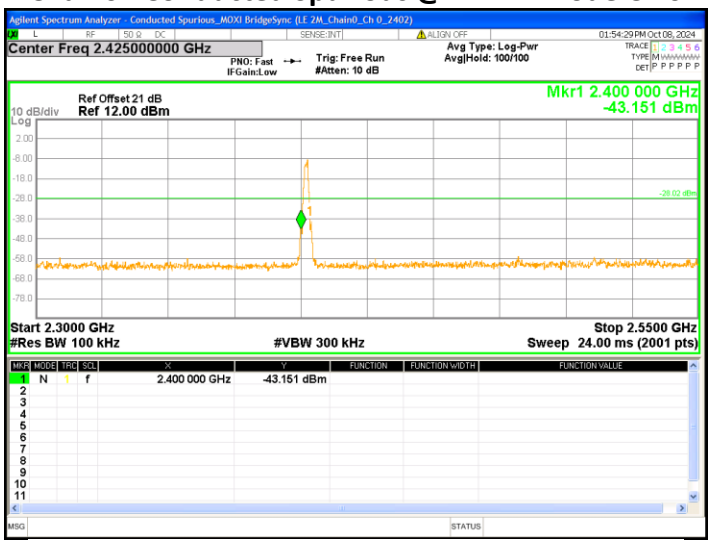
Temperature (℃) :	23
Relative Humidity (%) :	62
Test date:	2024/10/08

Mode	Channel	Frequency (MHz)	Delta (dBc)	Limit (dBc)
BLE 2M	0	2402	35.131	>20
	19	2440	36.166	>20
	39	2480	37.447	>20

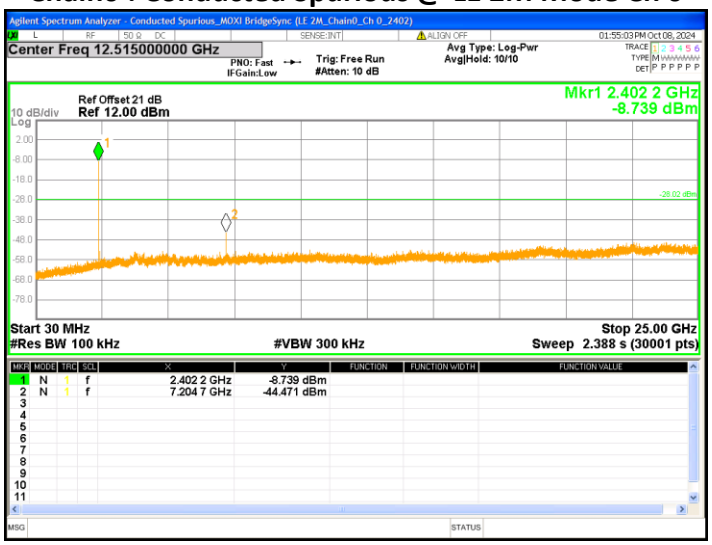
Chain0 : Conducted Spurious @ LE 2M Mode Ch 0



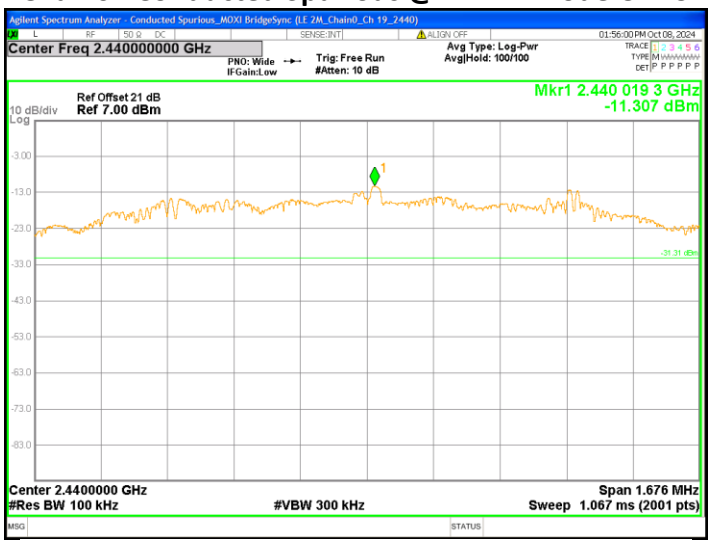
Chain0 : Conducted Spurious @ LE 2M Mode Ch 0



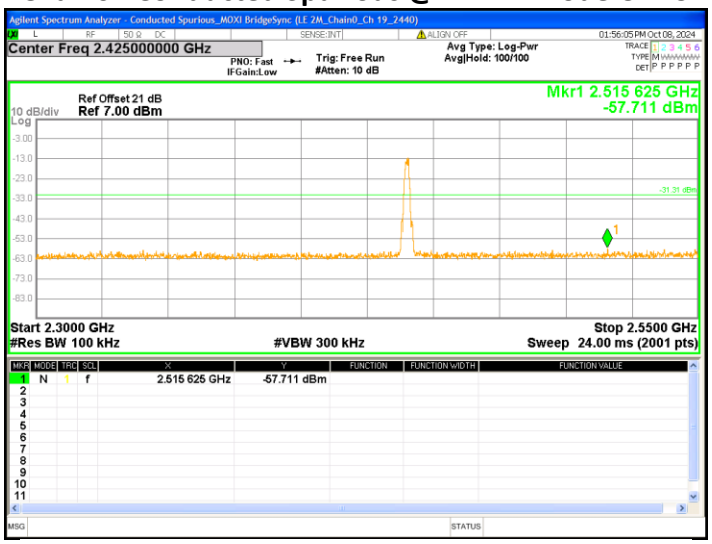
Chain0 : Conducted Spurious @ LE 2M Mode Ch 0



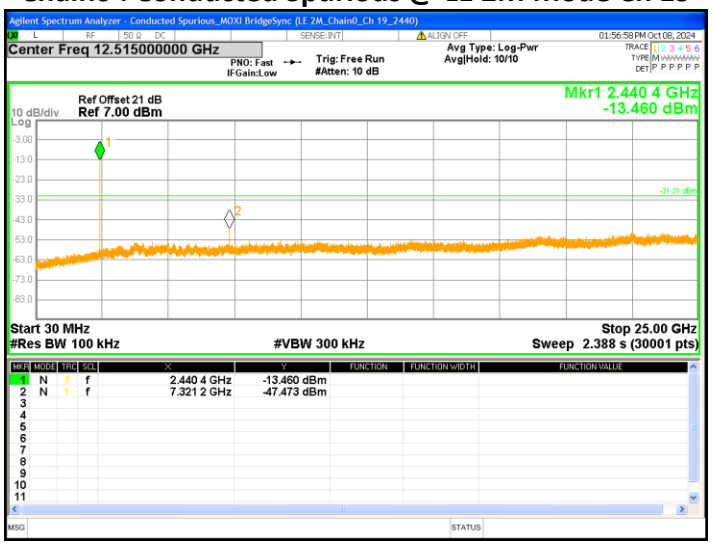
Chain0 : Conducted Spurious @ LE 2M Mode Ch 19



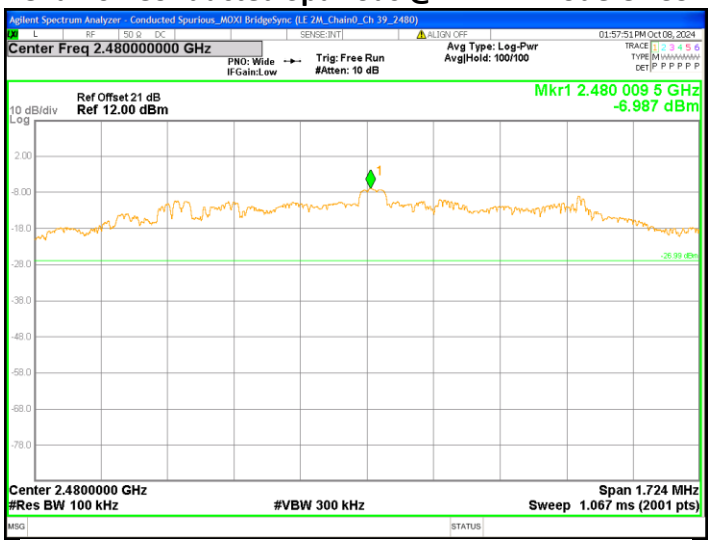
Chain0 : Conducted Spurious @ LE 2M Mode Ch 19



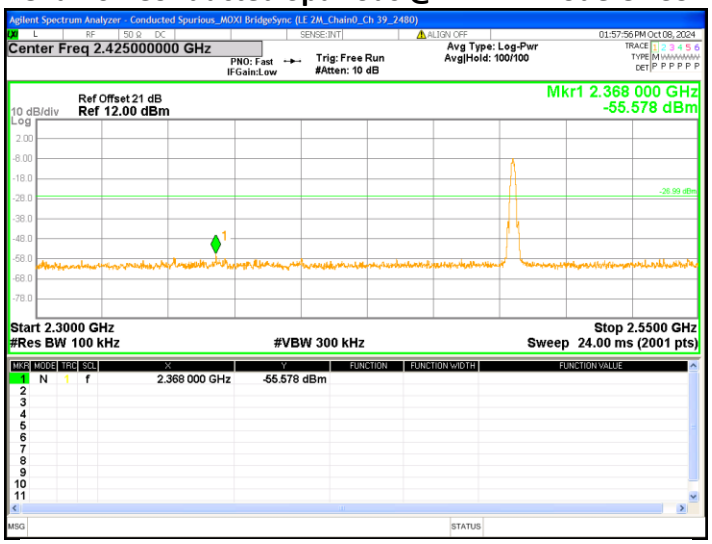
Chain0 : Conducted Spurious @ LE 2M Mode Ch 19



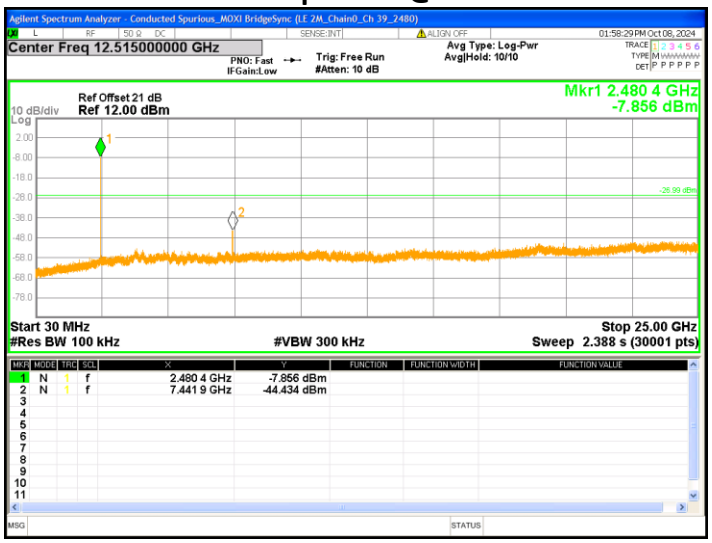
Chain0 : Conducted Spurious @ LE 2M Mode Ch 39



Chain0 : Conducted Spurious @ LE 2M Mode Ch 39



Chain0 : Conducted Spurious @ LE 2M Mode Ch 39



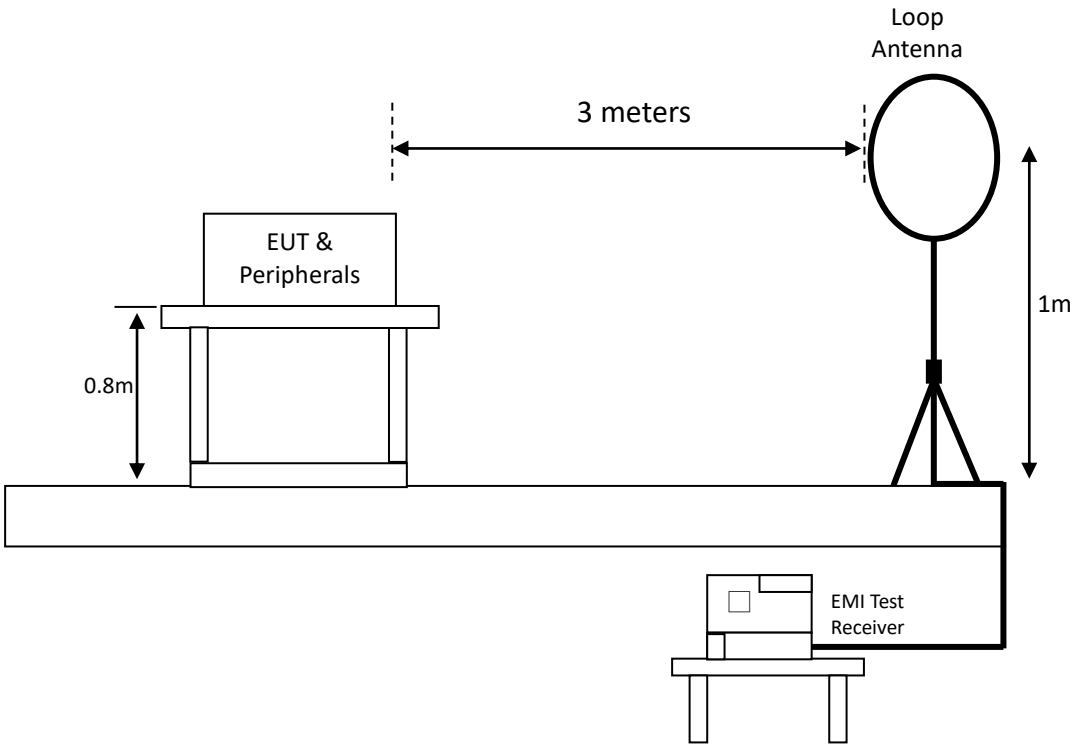
6. Emissions in Restricted Frequency Bands (Radiated emission measurements)

6.1 Instrument Setting

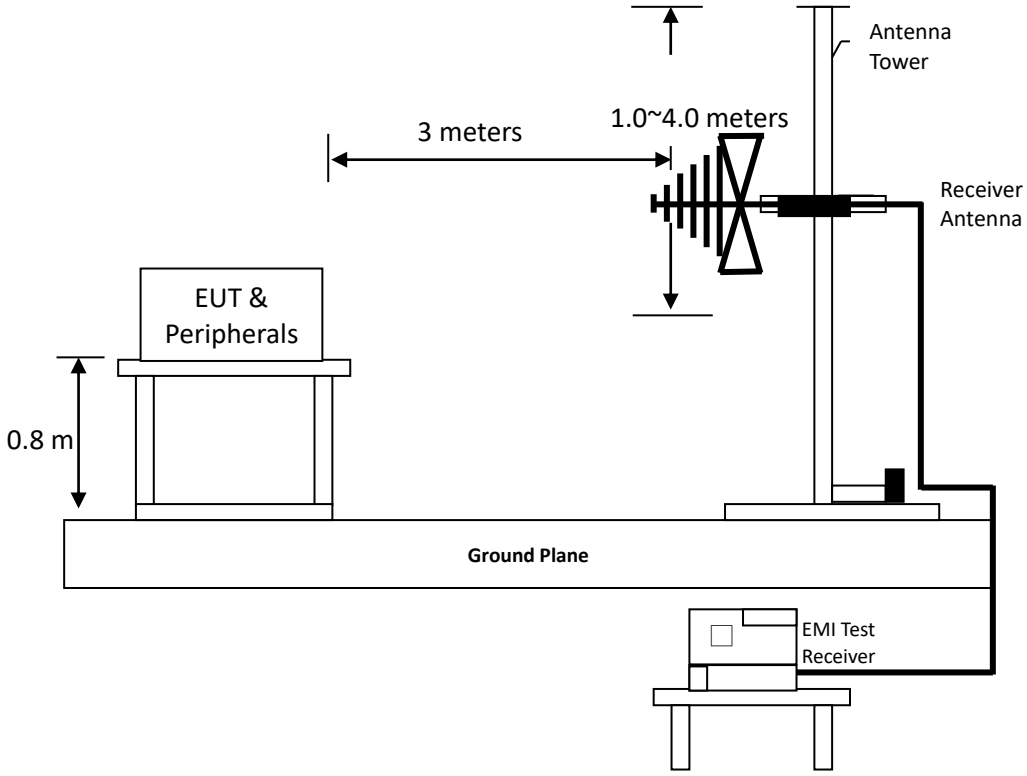
Receiver Function	Setting (Below 1GHz)	Setting (Above 1GHz)
Detector	QP	Peak and Average
RBW	9-150 kHz ; 200-300 Hz 0.15-30 MHz; 9-10 kHz 30-1000 MHz; 100-120 kHz	1MHz
VBW	≧3 x RBW	3MHz & 1/T Minimum VBW
Sweep	Auto couple	Auto couple
Start Frequency	9 kHz	1GHz
Stop Frequency	1 GHz	Tenth harmonic
Attenuation	Auto	Auto

6.2 Test setup & procedure

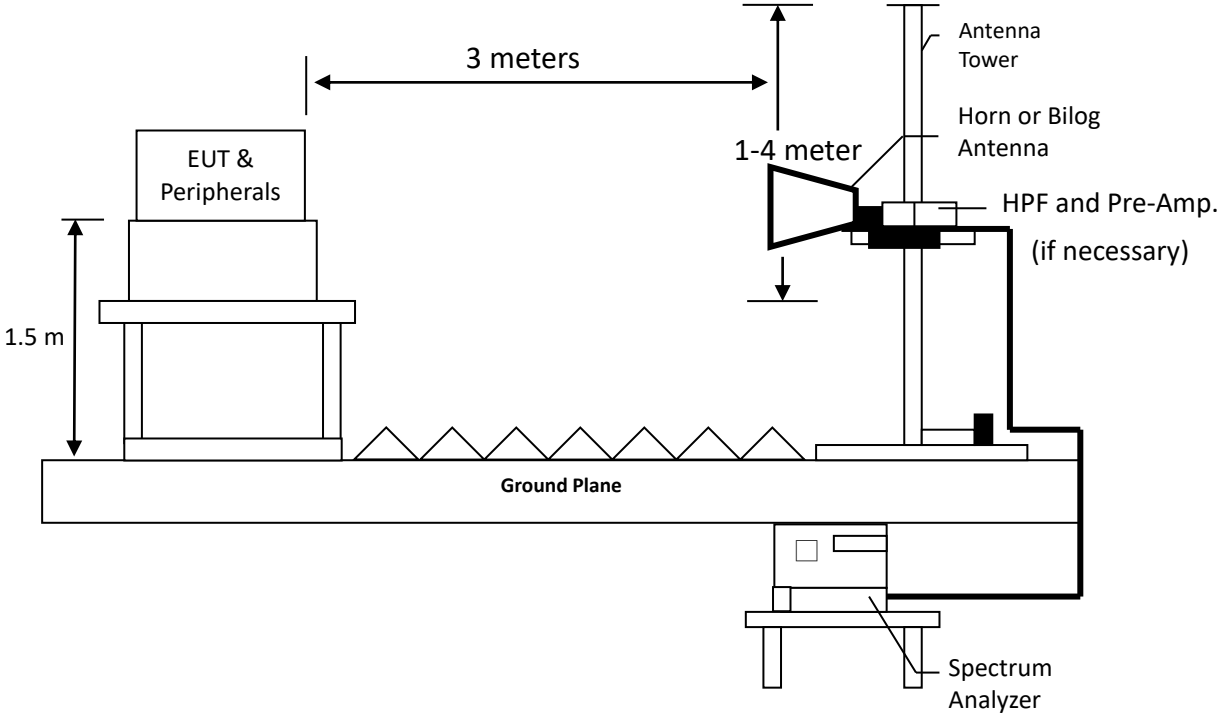
Radiated emission from 9kHz to 30MHz uses Loop Antenna:



Radiated emission below 1GHz using Bilog Antenna



Radiated emission above 1GHz using Horn Antenna



Radiated emissions were invested cover the frequency range from 30MHz to 1000MHz using a receiver RBW of 120kHz record QP reading, and the frequency over 1GHz using a spectrum analyzer RBW of 1MHz and 10Hz VBW record Average reading. (15.209 paragraph), the Peak reading (1 MHz RBW/ 3 MHz VBW) recorded also on the report.
The EUT for testing is arranged on a turntable. If some peripherals apply to the EUT, the peripherals will be connected to EUT and the whole system. During the test, all cables were arranged to produce worst-case emissions. The signal is maximized through rotation. The height of antenna and polarization is changing constantly for exploring for maximum signal level. The height of antenna can be up to 4 meters and down to 1 meter.

The measurement for radiated emission will be done at the distance of three meters unless the signal level is too low to measure at that distance. In the case of the reading under noise floor, a pre-amplifier is used and/or the test is conducted at a closer distance. And then all readings are extrapolated back to the equivalent three meter reading using inverse scaling with distance.

6.3 Limit

Frequency(MHz)	Field Strength(uV/m)	Measurement distance(m)
0.009~0.490	2400/F(kHz)	300
0.490~1.705	24000/F(kHz)	30
1.705~30	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

Remark:

1. In the above table, the tighter limit applies at the band edges.
2. Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system

6.4 Test Result

6.4.1 Measurement results: frequencies 9kHz to 30MHz

Temperature (℃) :	27
Relative Humidity (%) :	71
Test date:	2024/09/16

The test was performed on EUT under continuously transmitting mode. The worst case occurred at BLE 2M Ch 39.

Antenna Polarity	Frequency (MHz)	Detector	Correction Factor (dB/m)	Reading (dBμV)	Corrected Reading (dBμV/m)	Limit @ 3 m (dBμV/m)	Margin (dB)
Perpendicular	0.489	PK	17.90	37.34	55.24	93.82	-38.58
Perpendicular	0.999	PK	18.00	30.83	48.83	67.61	-18.78
Perpendicular	1.539	PK	17.95	22.49	40.44	63.86	-23.42
Perpendicular	1.928	PK	17.91	24.23	42.14	69.54	-27.40
Perpendicular	2.948	PK	17.99	15.63	33.62	69.54	-35.92
Perpendicular	8.436	PK	19.69	9.83	29.52	69.54	-40.02

Remark: Corr. Factor = Antenna Factor + Cable Loss

Antenna Polarity	Frequency (MHz)	Detector	Correction Factor (dB/m)	Reading (dBμV)	Corrected Reading (dBμV/m)	Limit @ 3 m (dBμV/m)	Margin (dB)
Parallel	0.489	PK	17.90	32.31	50.21	93.82	-43.61
Parallel	0.969	PK	18.03	25.60	43.63	67.88	-24.25
Parallel	1.179	PK	17.98	25.50	43.48	66.17	-22.69
Parallel	1.449	PK	17.96	21.44	39.40	64.38	-24.98
Parallel	1.928	PK	17.91	17.74	35.65	69.54	-33.89
Parallel	9.426	PK	19.81	10.27	30.08	69.54	-39.46

Remark: Corr. Factor = Antenna Factor + Cable Loss

Antenna Polarity	Frequency (MHz)	Detector	Correction Factor (dB/m)	Reading (dBµV)	Corrected Reading (dBµV/m)	Limit @ 3 m (dBµV/m)	Margin (dB)
Ground-parallel	0.519	PK	17.92	24.89	42.81	73.30	-30.49
Ground-parallel	1.389	PK	17.96	17.15	35.11	64.75	-29.64
Ground-parallel	1.898	PK	17.91	16.07	33.98	69.54	-35.56
Ground-parallel	4.268	PK	18.48	11.17	29.65	69.54	-39.89
Ground-parallel	7.447	PK	19.80	10.25	30.05	69.54	-39.49
Ground-parallel	11.016	PK	20.20	9.19	29.39	69.54	-40.15

Remark: Corr. Factor = Antenna Factor + Cable Loss

6.4.2 Measurement results: frequencies 30MHz to 1GHz

Temperature (℃) :	27
Relative Humidity (%) :	71
Test date:	2024/09/16

The test was performed on EUT under continuously transmitting mode. The worst case occurred at BLE 2M Ch 39.

Antenna Polarity	Frequency (MHz)	Spectrum Analyzer Detector	Correction Factor (dB/m)	Reading (dBµV)	Corrected Reading (dBµV/m)	Limit @ 3 m (dBµV/m)	Margin (dB)
Horizontal	130.88	PK	19.13	7.56	26.69	43.50	-16.81
Horizontal	259.89	PK	20.03	8.45	28.48	46.00	-17.52
Horizontal	266.68	PK	20.46	8.79	29.25	46.00	-16.75
Horizontal	280.26	QP	21.23	8.46	29.69	46.00	-16.31
Horizontal	845.77	PK	32.61	3.16	35.77	46.00	-10.23
Horizontal	916.58	PK	33.71	4.48	38.19	46.00	-7.81

Remark: Corr. Factor = Antenna Factor + Cable Loss

Antenna Polarity	Frequency (MHz)	Spectrum Analyzer Detector	Correction Factor (dB/m)	Reading (dBµV)	Corrected Reading (dBµV/m)	Limit @ 3 m (dBµV/m)	Margin (dB)
Vertical	71.71	PK	18.34	13.37	31.71	40.00	-8.29
Vertical	136.70	PK	19.48	7.84	27.32	43.50	-16.18
Vertical	529.55	PK	27.16	5.73	32.89	46.00	-13.11
Vertical	771.08	PK	31.85	3.10	34.95	46.00	-11.05
Vertical	816.67	PK	32.32	3.65	35.97	46.00	-10.03
Vertical	876.81	PK	32.82	4.89	37.71	46.00	-8.29

Remark: Corr. Factor = Antenna Factor + Cable Loss

6.4.3 Measurement results: frequency above 1GHz to 25GHz

Temperature (℃) :	26
Relative Humidity (%) :	73
Test date:	2024/09/12

Mode	Frequency (MHz)	Spectrum Analyzer Detector	Ant. Pol. (H/V)	Correction Factor (dB/m)	Reading (dBµV)	Corrected Reading (dBµV/m)	Limit @ 3 m (dBµV/m)	Margin (dB)
BLE 2M Ch 0	4260	PK	H	-8.21	53.39	45.18	74	-28.82
	7206	PK	H	3.33	56.06	59.39	74	-14.61
	7206	AV	V	3.33	49.72	53.05	54	-0.95
	4260	PK	V	-8.21	59.63	51.42	74	-22.58
	7206	PK	V	3.33	57.43	60.76	74	-13.24
	7206	AV	V	3.33	49.92	53.25	54	-0.75
BLE 2M Ch 19	7320	PK	H	3.10	52.34	55.44	74	-18.56
	7320	AV	H	3.10	46.15	49.25	54	-4.75
	4260	PK	V	-8.21	60.76	52.55	74	-21.45
	7320	PK	V	3.10	54.88	57.98	74	-16.02
	7320	AV	V	3.10	47.79	50.89	54	-3.11
BLE 2M Ch 39	7440	PK	H	3.24	54.95	58.19	74	-15.81
	7440	AV	H	3.24	48.06	51.30	54	-2.70
	4260	PK	V	-8.21	63.42	55.21	74	-18.79
	4260	AV	V	-8.21	45.67	37.46	54	-16.54
	7440	PK	V	3.24	54.93	58.17	74	-15.83
	7440	AV	V	3.24	48.23	51.47	54	-2.53

Remark: 1. Correction Factor = Antenna Factor + Cable Loss + High Pass Filter Loss - Pre_Amplifier Gain
2. The emissions were very low against the limit above 18 GHz.

7. Emission on Band Edge

7.1 Instrument Setting

Spectrum Function	Setting
Detector	Peak and Average
RBW	1MHz
VBW	3MHz & 1/T Minimum VBW
Sweep	Auto couple
Restrict bands	2310 MHz ~ 2390 MHz 2483.5 MHz ~ 2500 MHz
Attenuation	Auto

7.2 Test Procedure

The test procedure is the same as Emissions in Restricted Frequency Bands (Radiated emission measurements).

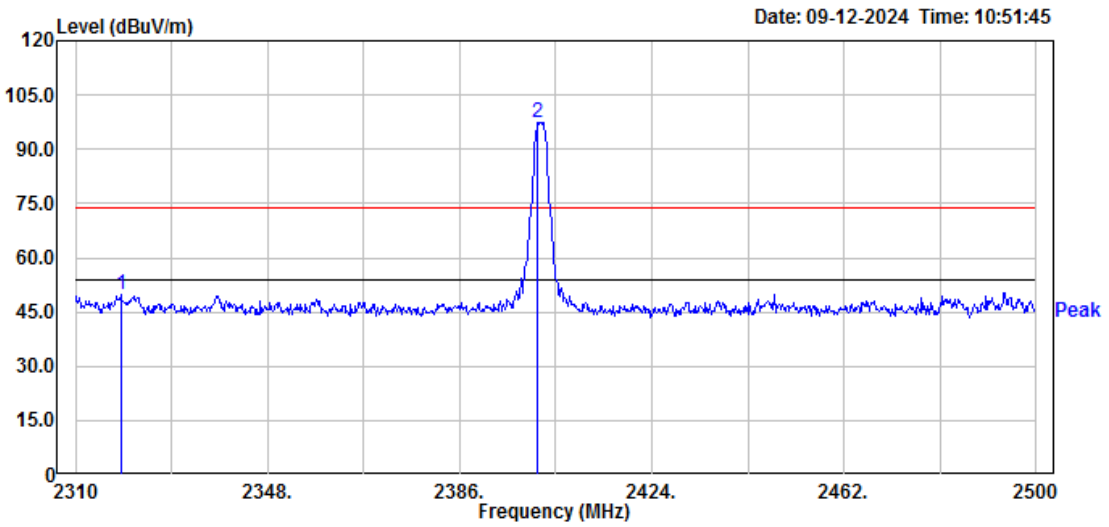
7.3 Test Results

Temperature (℃) :	26
Relative Humidity (%) :	73
Test date:	2024/09/12

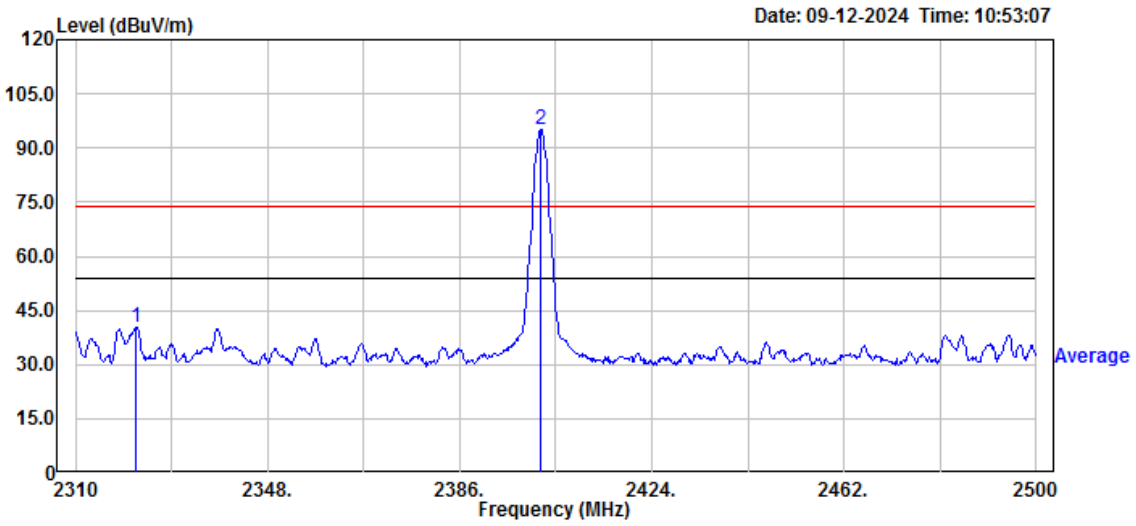
Mode	Frequency (MHz)	Spectrum Analyzer Detector	Ant. Pol. (H/V)	Correction Factor (dB/m)	Reading (dBμV)	Corrected Reading (dBμV/m)	Limit @ 3 m (dBμV/m)	Margin (dB)	Restricted band (MHz)
BLE 2M	2318.93	PK	V	34.49	15.10	49.59	74	-24.41	2310~2390
	2321.97	AV	V	34.46	6.02	40.48	54	-13.52	
	2483.50	PK	V	34.56	17.45	52.01	74	-21.99	2483.5~2500
	2483.50	AV	V	34.56	5.79	40.35	54	-13.65	

Remark: Correction Factor = Antenna Factor + Cable Loss

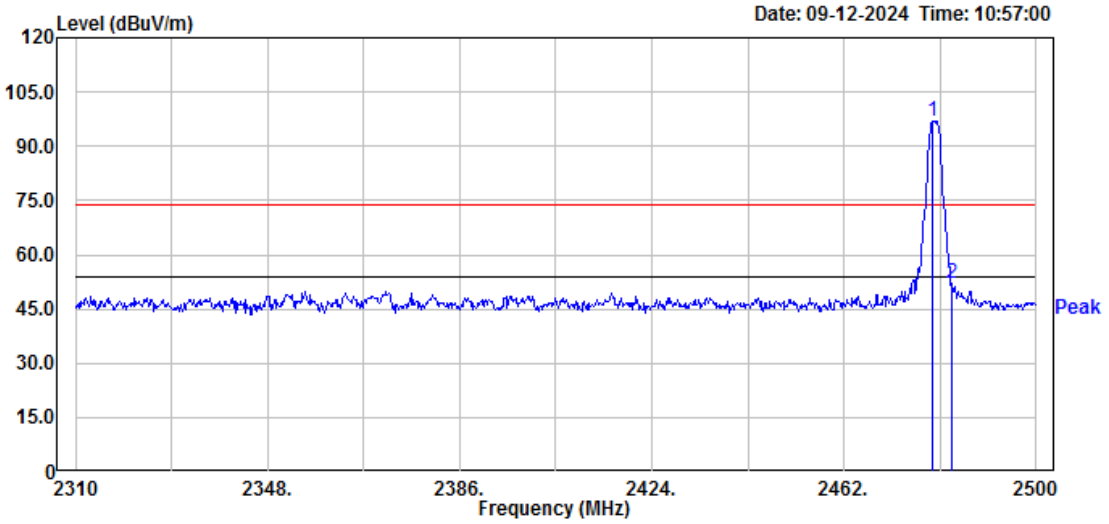
Restricted Band Bandedge @ BLE 2M Mode Ch0 PK



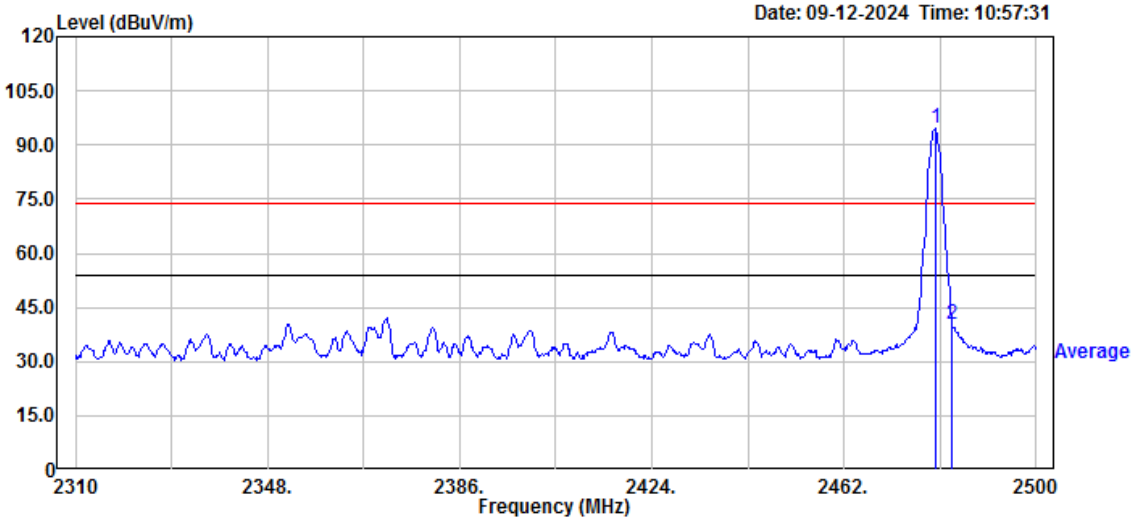
Restricted Band Bandedge @ BLE 2M Mode Ch0 AV



Restricted Band Bandedge @ BLE 2M Mode Ch39 PK



Restricted Band Bandedge @ BLE 2M Mode Ch39 AV



8. AC Power Line Conducted Emission

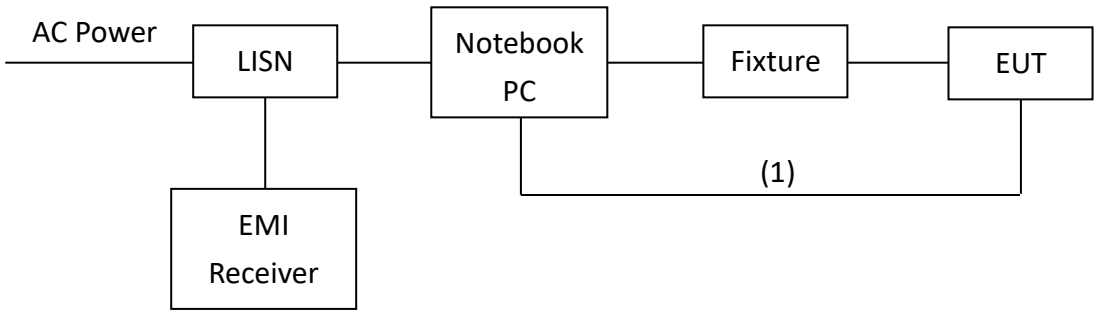
8.1 Measuring instrument setting

Receiver Function	Setting
Detector	QP
Start frequency	0.15MHz
Stop frequency	30MHz
IF bandwidth	9 kHz
Attenuation	10dB

8.2 Test Procedure

Step 1	Configure the EUT according to ANSI C63.10:2013. The EUT or host of EHT has to be placed 0.4 meter far from the conducting wall of the shielding room and at least 80 centimeters from any other grounded conducting surface.
Step 2	Connect EUT or host of EUT to the power mains through a line impedance stabilization network.
Step 3	All the companion devices are connected to the other LISN. The LISN should provide 50Uh/50ohms coupling impedance.
Step 4	The frequency range from 150 kHz to 30MHz was searched.
Step 5	Set the test-receiver system to peak detector and specified bandwidth with maximum hold mode.
Step 6	The measurement has to be done between each power line and ground at the power terminal.

8.3 Test Diagram

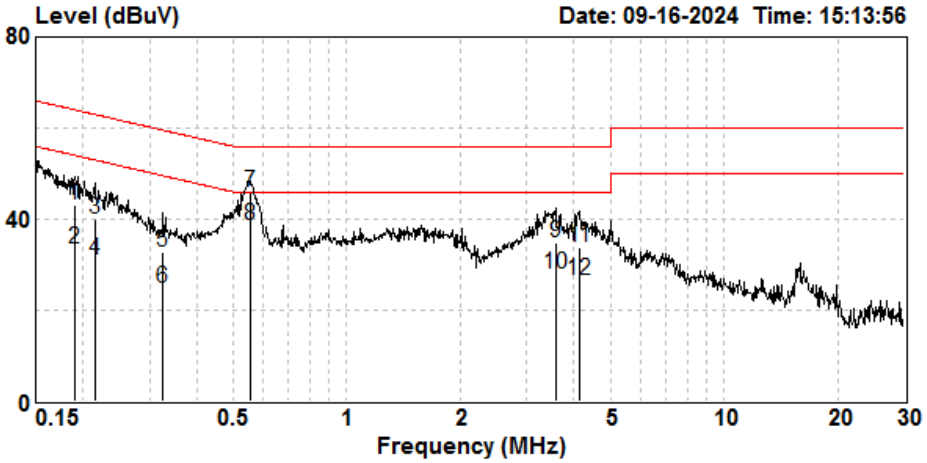


(1) Type-C Cable

8.4 Limit

Frequency (MHz)	Conducted Limit (dBuV)	
	Q.P.	Ave.
0.15~0.50	66 – 56	56 – 46
0.50~5.00	56	46
5.00~30.0	60	50

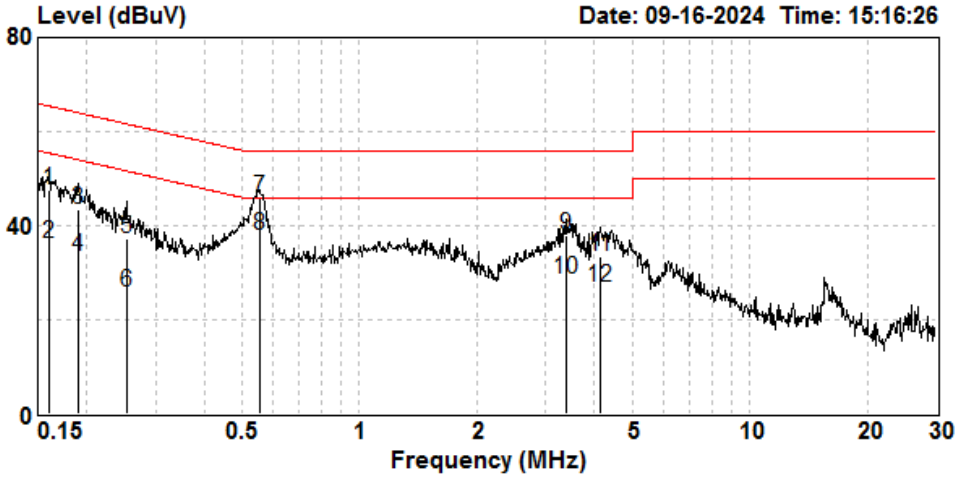
8.5 Test Results



Test voltage :AC 120V / 60Hz
Temp \ Relative Humidity:28 °C \ 70 %RH
Atmospheric pressure :1011 hPa

Phase	Frequency (MHz)	Corr. Factor (dB)	Reading QP (dBuV)	Level QP (dBuV)	Limit QP (dBuV)	Reading AV (dBuV)	Level AV (dBuV)	Limit AV (dBuV)	Margin (dB) QP	Margin (dB) AV
LINE	0.190	9.62	33.64	43.26	64.02	23.73	33.35	54.02	-20.76	-20.67
LINE	0.215	9.62	30.23	39.85	63.01	21.30	30.92	53.01	-23.16	-22.09
LINE	0.327	9.63	23.25	32.88	59.53	15.38	25.01	49.53	-26.65	-24.52
LINE	0.555	9.66	36.26	45.92	56.00	28.81	38.46	46.00	-10.08	-7.54
LINE	3.584	9.68	25.33	35.01	56.00	18.15	27.83	46.00	-20.99	-18.17
LINE	4.158	9.69	24.23	33.92	56.00	16.85	26.54	46.00	-22.08	-19.46

Remark:
1. Corr. Factor (dB) = LISN Factor (dB) + Cable Loss (dB)
2. Level (dBuV) = Corr. Factor (dB) + Reading (dBuV)
3. Margin (dB) = Level (dBuV) – Limit (dBuV)



Test voltage :AC 120V / 60Hz
Temp \ Relative Humidity:28 °C \ 70 %RH
Atmospheric pressure :1011 hPa

Phase	Frequency (MHz)	Corr. Factor (dB)	Reading QP (dBuV)	Level QP (dBuV)	Limit QP (dBuV)	Reading AV (dBuV)	Level AV (dBuV)	Limit AV (dBuV)	Margin (dB) QP	Margin (dB) AV
NEUTRAL	0.160	9.62	37.83	47.45	65.47	26.65	36.27	55.47	-18.02	-19.20
NEUTRAL	0.190	9.62	33.97	43.59	64.02	23.85	33.47	54.02	-20.43	-20.55
NEUTRAL	0.253	9.63	27.51	37.13	61.64	16.13	25.75	51.64	-24.51	-25.89
NEUTRAL	0.555	9.66	36.26	45.91	56.00	28.35	38.01	46.00	-10.09	-7.99
NEUTRAL	3.381	9.68	28.23	37.91	56.00	19.02	28.69	46.00	-18.09	-17.31
NEUTRAL	4.158	9.68	23.75	33.42	56.00	17.30	26.98	46.00	-22.58	-19.02

Remark:
1. Corr. Factor (dB) = LISN Factor (dB) + Cable Loss (dB)
2. Level (dBuV) = Corr. Factor (dB) + Reading (dBuV)
3. Margin (dB) = Level (dBuV) – Limit (dBuV)

Appendix A: Test equipment list

Test Equipment	Brand	Model No.	Serial No.	Calibration Date	Next Calibration Date
EMI Test Receiver	KEYSIGHT	N9038B	MY63060107	2024/03/06	2025/03/05
Spectrum analyzer	KEYSIGHT	N9020B	MY63450146	2024/03/05	2025/03/04
Active Loop Antenna	SCHWARZBECK	FMZB1519	1519-067	2024/01/16	2025/01/15
Broadband Antenna	SCHWARZBECK	VULB 9168	9168-172	2024/01/02	2025/01/01
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-456	2023/12/27	2024/12/26
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170159	2024/08/12	2025/08/11
Pre-Amplifier	SGH	SGH118(45dB)	20220105-1	2024/01/23	2025/01/22
Pre-amplifier	SGH	SGH184	20201124-1	2023/10/31	2024/10/30
966-2(A) Cable	SUHNER	SUCOFLEX 104	295105/4	2024/03/02	2025/03/02
966-2(B) Cable	SUHNER	SUCOFLEX 104P	CB0005	2024/03/02	2025/03/02
RF Cable	SUHNER	SUCOFLEX 104P	9403 / 4P	2023/11/24	2024/11/23
Hight Pass Filter	Wainwright	WHKX3.0/18G-12SS	N/A	2024/05/23	2025/05/23
Power Meter	Anritsu	ML2495A	0844001	2024/01/08	2025/01/07
Power Sensor	Anritsu	MA2491A	031543	2024/01/08	2025/01/07
20dB Attenuator	PE	PE7001-20	N/A	2024/05/23	2025/05/22
966-2_3m Semi-Anechoic Chamber	CHANCE MOST	CEM-966_2	N/A	2024/07/30	2025/07/29
Test software	Audix	e3	V9	NCR	NCR

Note: No Calibration Required (NCR).

Test Equipment	Brand	Model No.	Serial No.	Calibration Date	Next Calibration Date
EMI Test Receiver	R&S	ESCI	100059	2024/09/11	2025/09/10
LISN	R&S	ENV216	101159	2024/05/07	2025/05/06
Cable	SUHNER	SUCOFLEX 106	27222 /6	2024/01/12	2025/01/11
Cable	SUHNER	SUCOFLEX 106	27221 /6	2024/01/10	2025/01/09
Test software	Audix	e3	V4.20040112L	NCR	NCR
Test site	Intertek	Con-1	N/A	NCR	NCR

Note: No Calibration Required (NCR).

Appendix B: Measurement Uncertainty

This uncertainty represents an expanded uncertainty expressed at approximately the 95 % confidence level using a coverage factor of *k*=2.

Item	Uncertainty
Radiated disturbances from 9kHz~30MHz in a semi-anechoic chamber at a distance of 3m	2.73 dB
Vertically polarized radiated disturbances from 30MHz~1GHz in a semi-anechoic chamber at a distance of 3m	3.91 dB
Horizontally polarized radiated disturbances from 30MHz~1GHz in a semi-anechoic chamber at a distance of 3m	3.49 dB
Vertically polarized Radiated disturbances from 1GHz~18GHz in a semi-anechoic chamber at a distance of 3m	3.71 dB
Horizontally polarized Radiated disturbances from 1GHz~18GHz in a semi-anechoic chamber at a distance of 3m	3.71 dB
Conducted Measurement	0.69 dB
AC Conducted Emission	1.31 dB