



RF Test Report



Report Number : 6128625032701
Applicant : Cyber Power Systems, Inc.
Product : WiFi Module
Model : CPWMU02
FCC ID : 2AFG8CPWMU02
IC : 11470A-CPWMU02

In accordance with
FCC rule Part §15.247
ISED RSS-247
ISED RSS-Gen

RESPONSIBLE FOR	NAME	SIGNATURE	DATE
Approved By	Jack Chang		2026.03.03
Prepared By	Ariel Hsu		2026.03.03

Signatures in this approval box have checked this document in line with the requirements of TÜV SÜD Product Service control rules.

EXECUTIVE SUMMARY

TÜV SÜD Asia Ltd., reports apply only to the specific samples tested under stated test conditions. Construction of the actual test samples has been documented. It is the manufacturer's responsibility to assure that additional production units of this model are manufactured with identical electrical and mechanical components. The manufacturer/importer is responsible to the Competent Authorities for any modifications made to the production units which result in non-compliance to the relevant regulations. TÜV SÜD Asia Ltd. shall have no liability for any deductions, inferences or generalizations drawn by the client or others from TÜV SÜD Asia Ltd. issued reports.

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1 General Information

1.1 Report Modification Record

Alterations and additions to this report will be issued to the holders of each copy in the form of a complete document.

History of this test report

Issue	Description of Change	Date of Issue
1	Initial Issue	2026-03-03

1.2 Introduction

The information contained in this report is intended to show verification of RF qualification approval. The testing requirements of the standards for the tests listed in Section 1.5.

Applicant : Cyber Power Systems, Inc.
Address : 11F, No. 26,, Jinzhuang Rd., Neihu Dist., Taipei, Taiwan
Manufacturer : CyberPower (ShenZhen) System Inc.
Brand Name : CyberPower
Product Name : WiFi Module
Model Number(s) : CPWMU02
HVIN : CPWMU02
Date of Receipt of EUT : 2025-06-11
Start of Test : 2025-07-02
Finish of Test : 2025-07-04
Test Laboratory : TÜV SÜD Asia Ltd., Taiwan Branch
Address : 7F., No. 37, Sec. 2, Zhongyang S. Rd., Beitou District, Taipei City 11270, R.O.C. Taiwan
Test Location : TÜV SÜD Asia Ltd., Taiwan Branch, Guishan Laboratory
Address : No. 31, Dinghu Road, Guishan District, Taoyuan City, TAIWAN (R.O.C.)

The test facility is accredited by TAF (member of ILAC), under number 2573 according to ISO/IEC 17025: 2017.

FCC Designation Number No.: TW2573

ISED CAB identifier No./ Company Number: TW2573 / 32030

1.3 Applied Standard

FCC rule Part §15.247 ISED RSS-247
FCC Part 15, Subpart C §15.247 FCC KDB 558074 D01 15.247 Meas Guidance v05r02 RSS-247 issue 4 July 2025 RSS-Gen, Issue 5 April 2018 (Amendment 2 February 2021) ANSI C63.10-2020 + Cor.1-2023 + C63.10a-2024 + Errata to C63.10a-2024

1.4 Deviation from standards

None

1.5 List of applied test(s) of the EUT

FCC rule Part §15.247 ISED RSS-247				
FCC Rules Clause	ISED Rules Clause	Test item	Result	Remark
§15.203	N/A	Antenna Requirement	Compliant	
§15.207(a)	RSS-Gen §8.8	AC Power Line Conducted Emission	Compliant	
§15.247(b) (3)	RSS-247 §6.3.2	Peak Output Power	Compliant	
§15.247(a)(2)	RSS-247 §6.3.1(a) RSS-Gen §6.7	Emission Bandwidth	Compliant	
§15.247(d) §15.205 §15.209	RSS-247 §6.6 RSS-Gen §8.9 RSS-Gen §8.10	Radiated & Conducted Band Edge and Spurious Emission	Compliant	
§15.247(e)	RSS-247 §6.3.1(b)	Peak Power Density	Compliant	

2 General EUT Information

All information in this chapter was provided by the applicant.

2.1 Technical Specification of EUT

Items	EUT information
Operating Frequency	2412 ~ 2462 MHz
Channel number	802.11b/g/n HT20: 11
Maximum Output Power (dBm)	802.11b: 18.43dBm 802.11g: 21.83dBm 802.11n HT20:22.38dBm
Operation Voltage	3.3Vdc
Modulation	DSSS (DBPSK, DQPSK, CCK) OFDM (BPSK, QPSK, 16QAM, 64QAM)
Test Software Version	EspRFTTestTool v3.6 (ESP32C2)

2.2 Variation of family model(s)

2.2.1 List of family model(s)

Not applicable

2.3 Antenna List

	Antenna Type	Brand	Model	Connector	Freq. (MHz)	Peak Antenna Gain (dBi)
Main	Dipole	Cortec	AN2400-39A14BBF	I-Pex	2400 - 2480	2.74

3 Configuration of Equipment

The EUT configuration for testing is installed on RF field strength measurement to meet the Commissions requirement and operating in a manner which intends to maximize its emission characteristics in a continuous normal application.

An engineering test mode (software/firmware) that applicant provided was utilized to manipulate the EUT into transmit, selection of the test channel, and modulation scheme.

Numbers assigned to equipment on the diagram in "3.3 System configuration" correspond to the list in "3.1 Equipment used" and "3.2 Cable(s) used".

This test configuration is based on the manufacture's instruction.

Cabling and setup(s) were taken into consideration and test data was taken under worse case condition.

The EUT has been tested as an independent unit with other necessary accessories or support units.

3.1 Equipment used

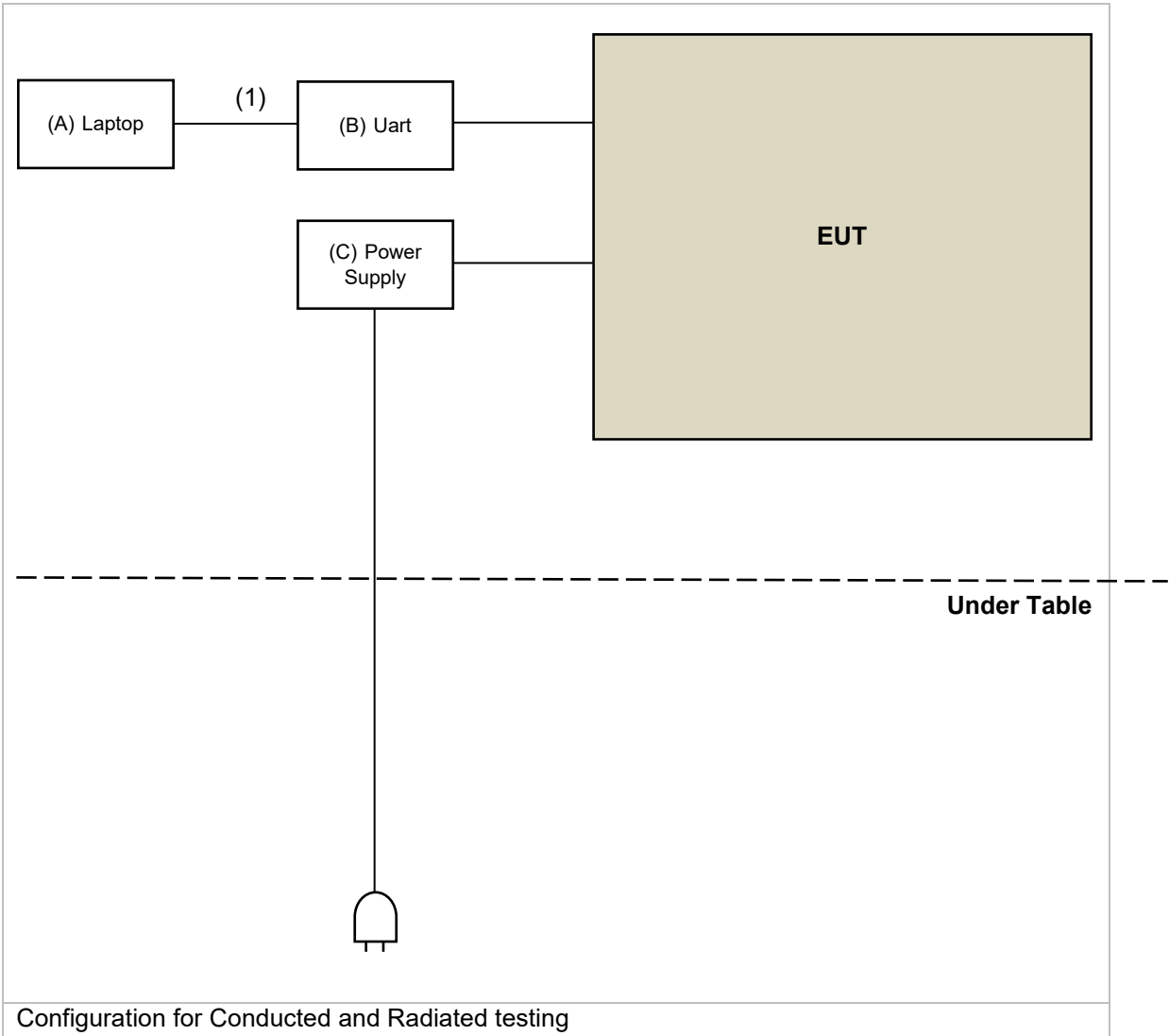
No.	Product	Brand	Model No.	Serial No.	Remarks
A	Laptop	Lenovo	TP00048A	PC-00NQMT	Provided by Lab
B	UART	CyberPower	N/A	N/A	Provided by Client
C	DC Power Supply	LOKO Power	DPS-5050	L8000074773	Provided by Lab

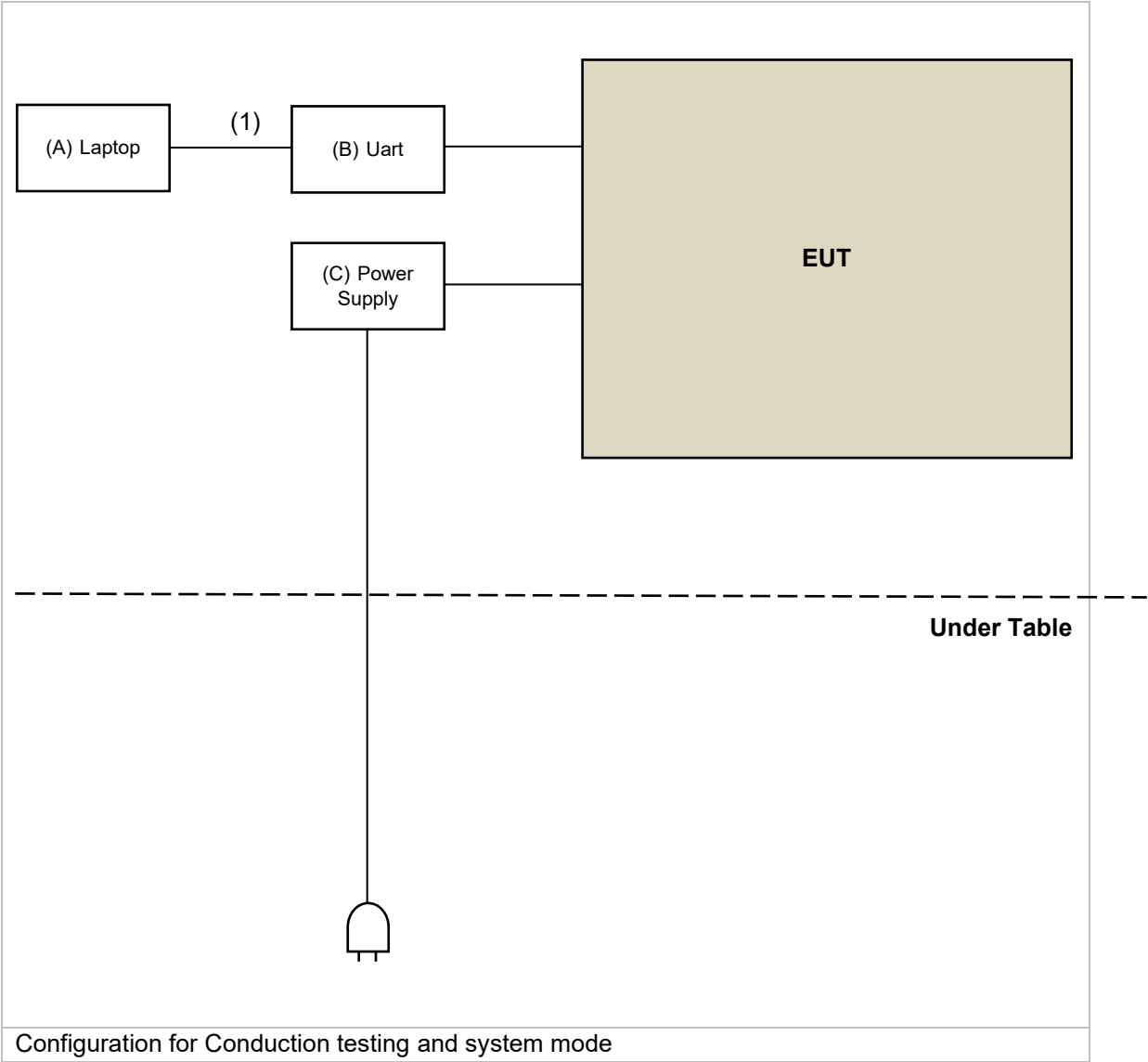
3.2 Cable(s) used

No.	Cable Descriptions	Brand	Model No.	Length(m)	Remarks
1	USB Cable	CyberPower		0.5	Provided by Client



3.3 System configuration





4 General Test Configurations

The EUT has been tested under Transmitting. And used to control the EUT for staying in engineering mode that enables selectable of channel, and capable of continuous transmitting and constant receiving mode.

Remark: All applicable test items were tested based on the combination of modulation scheme that generates the worst case.

4.1 Operating channels and frequencies

802.11b, 802.11g, 802.11n HT20:

Channel	Freq. (MHz)	Channel	Freq. (MHz)
1	2412	8	2447
2	2417	9	2452
3	2422	10	2457
4	2427	11	2462
5	2432		
6	2437		
7	2442		

4.2 Description of test mode

- 1) The EUT has been tested under operating condition.
- 2) Test program used to control the EUT for staying in continuous transmitting and receiving mode is programmed.
- 3) The field strength of radiation emission was measured as the EUT positioned in different orthogonal planes (X/Y/Z) based on actual usage of the EUT to pre-scan the emissions for determining the worst case scenario. Please refer to the setup photo for the worst plane.
- 4) Investigation has been done on all the possible configurations for searching the worst case.

RF Output Power

☐ Pre-scan full test was applied on all test modes, but only the worst case was shown.

☒ Following channel(s) was (were) selected for the final test as listed below.

EUT Configure Mode	Available Frequency (MHz)	Tested Frequency (MHz)	Date Rate (Mbps)
802.11b	2412 to 2462	2412, 2437, 2462	1
802.11g	2412 to 2462	2412, 2437, 2462	6
802.11n HT20	2412 to 2462	2412, 2437, 2462	MCS0

6dB & Occupied Channel Bandwidth

☐ Pre-scan full test was applied on all test modes, but only the worst case was shown.

☒ Following channel(s) was (were) selected for the final test as listed below.

EUT Configure Mode	Available Frequency (MHz)	Tested Frequency (MHz)	Date Rate (Mbps)
802.11b	2412 to 2462	2412, 2437, 2462	1
802.11g	2412 to 2462	2412, 2437, 2462	6
802.11n HT20	2412 to 2462	2412, 2437, 2462	MCS0

Power Spectral Density

☐ Pre-scan full test was applied on all test modes, but only the worst case was shown.

☒ Following channel(s) was (were) selected for the final test as listed below.

EUT Configure Mode	Available Frequency (MHz)	Tested Frequency (MHz)	Date Rate (Mbps)
802.11b	2412 to 2462	2412, 2437, 2462	1
802.11g	2412 to 2462	2412, 2437, 2462	6
802.11n HT20	2412 to 2462	2412, 2437, 2462	MCS0

Radiated Spurious Emissions (Above 1 GHz)

☐ Pre-scan full test was applied on all test modes, but only the worst case was shown.

☒ Following channel(s) was (were) selected for the final test as listed below.

EUT Configure Mode	Available Frequency (MHz)	Tested Frequency (MHz)	Date Rate (Mbps)
Tx			
802.11b	2412 to 2462	2412, 2437, 2462	1
802.11g	2412 to 2462	2412, 2437, 2462	6
802.11n HT20	2412 to 2462	2412, 2437, 2462	MCS0

Radiated Spurious Emissions (Below 1 GHz)

☐ Pre-scan full test was applied on all test modes, but only the worst case was shown.

☒ Following channel(s) was (were) selected for the final test as listed below.

EUT Configure Mode	Available Frequency (MHz)	Tested Frequency (MHz)	Date Rate (Mbps)
Tx / Rx			
802.11g	2412 to 2462	2437	6

Mains Conducted Emission

- ☐ Pre-scan full test was applied on all test modes, but only the worst case was shown.
- ☒ Following channel(s) was (were) selected for the final test as listed below.

EUT Configure Mode	Available Frequency (MHz)	Tested Frequency (MHz)	Date Rate (Mbps)
Normal link	2412 to 2462	-	-

4.1 Test Condition

Test Item	Ambient Temperature	Relative Humidity	Tested by
Conducted Measurement	22-26 °C	50-68 %	Starl Wu
Radiated Spurious Emissions above 1 GHz	20-24 °C	50-70 %	Sam Huang
Radiated Spurious Emissions below 1 GHz	20-24 °C	50-70 %	Sam Huang
Mains Conducted Emission	20-24 °C	50-70 %	Sam Huang

5 Test Result

5.1 Transmitter Requirement & Test Suites

5.1.1 Antenna Requirement

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. This requirement does not apply to carrier current devices or to devices operated under the provisions of §§ 15.211, 15.213, 15.217, 15.219, 15.221, or § 15.236. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with § 15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded.

Refer to EUT photo for details.

5.2 Peak Output Power

For systems using digital modulation in the 2400-2483.5 MHz bands, the limit for peak output power is 1Watt and the e.i.r.p. shall not exceed 4 W (ISED only).

If the transmitting antenna of directional gain greater than 6dBi are used the peak output power from the intentional radiator shall be reduced below the above stated value by the amount in dB that the directional gain of the Antenna exceeds 6dBi. (FCC only)

In case of point-to-point operation, the limit has to be reduced by 1dB for every 3dB that the directional gain of Antenna exceeds 6dBi. (FCC only)

Pre-analysis Check: While conducting average power measurement, duty cycle of each mode shall be checked to ensure its duty cycle in order to compensate for the loss due to insufficient ratio of duty cycle.

All duty cycle is pre-scanned, and result as obtained below shows only the most representative ones where duty cycle is conducted as the given transmission with given virtual operation that expresses the percentage.

5.2.1 Measurement procedure

Duty Cycle

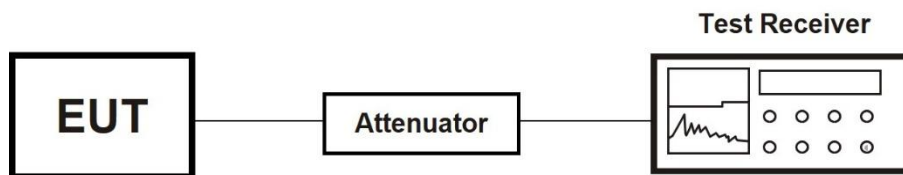
- 1) Place the EUT on the table and set it in transmitting mode.
- 2) Set span = Zero
- 3) RBW = 8MHz, VBW = 8MHz,
- 4) Detector = Peak

Output Power

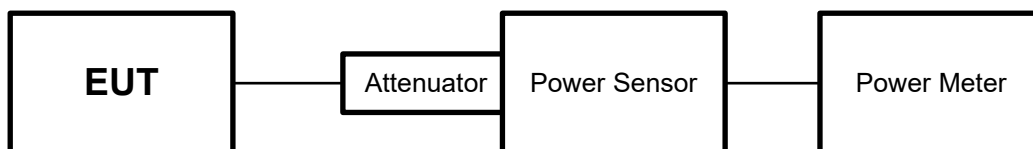
- 1) Place the EUT on the table and set it in transmitting mode.
- 2) The testing follows the Measurement Procedure of FCC KDB 558074 D01 DTS Meas. Guidance.
- 3) Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the power meter.
- 4) A peak power sensor was used on the output port of the EUT. A power meter was used to read the response of the peak power sensor.
- 5) Average power sensor was used to perform output power measurement, trigger and gating function of wide band power meter is enabled to measure max output power of TX on burst. Duty factor is not added to measured value.
- 6) Record the max. Reading as observed from Power Meter.
- 7) Repeat above procedures until all test default channel measured was complete.

5.2.2 Test Setup

Duty Cycle



Output Power



5.2.3 Limit

1 watt (30 dBm)

5.2.4 Measurement result

Refer to Appendix C

5.3 6 dB Bandwidth and 99% Occupied Bandwidth

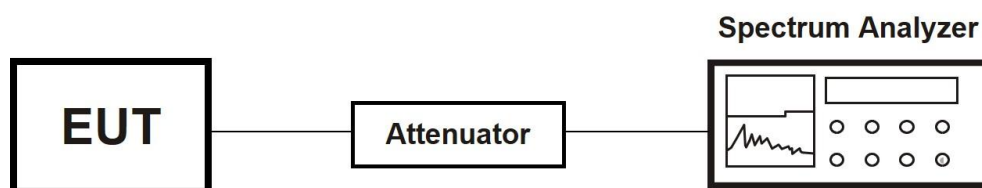
5.3.1 Measurement procedure

- 1) Set resolution bandwidth (RBW) = 100 kHz
- 2) Set the video bandwidth (VBW) $\geq 3 \times$ RBW, Detector = Peak.
- 3) Trace mode = max hold.
- 4) Sweep = auto couple.
- 5) Measure the maximum width of the emission that is constrained by the frequencies associated with the two amplitude points (upper and lower) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.
- 6) For 99% occupied bandwidth measurement, the transmitter output was connected to the spectrum analyzer through an attenuator. The bandwidth of the fundamental frequency was measured by spectrum analyzer with resolution bandwidth in the range of 1% to 5% of the anticipated emission bandwidth, and a video bandwidth at least 3x the resolution bandwidth and set the detector to PEAK. The width of a frequency band such that, below the lower and above the upper frequency limits, the mean powers emitted are each equal to a specified percentage 0.5% of the total mean power of a given emission.

(ISED only)

- 1) The testing follows the Measurement Procedure of the RSS-Gen section 6.7.
- 2) Set the spectrum analyzer as
RBW= 1 % to 5% of 99% and -6dB Bandwidth ,
VBW $\geq 3 \times$ RBW,
Span= large enough to capture all products of the modulation process
Sweep=auto, Detector = Peak, and Max hold.
- 3) Mark the upper and lower frequencies of 99% and -6dB.
- 4) Repeat above procedures until all test default channel is completed.

5.3.2 Test Setup



5.3.3 Limit

The minimum 6 dB bandwidth shall be at least 500 kHz

5.3.4 Measurement result

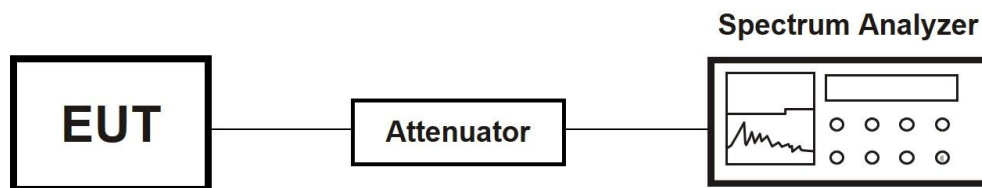
Refer to Appendix D

5.4 Power Spectral Density

5.4.1 Measurement procedure

- 1) Set analyzer center frequency to DTS channel center frequency.
- 2) The testing follows the Measurement Procedure of FCC KDB 558074 D01 DTS Meas. Guidance.
- 3) Set the span to 1.5 times the DTS channel bandwidth.
- 4) Set the RBW = 3 kHz. & the VBW = 10 kHz
- 5) Detector = peak.
- 6) Sweep time = auto couple.
- 7) Trace mode = max hold.
- 8) Allow trace to fully stabilize.
- 9) Use the peak marker function to determine the maximum amplitude level.

5.4.2 Test Setup



5.4.3 Limit

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

5.4.4 Measurement result

Refer to Appendix E

5.5 Conducted Spurious Emissions and Frequency Band Edges Measured in 100kHz Bandwidth

5.5.1 Measurement procedure

Measurement procedure Reference Level of Emission Limit:

- 1) Set analyzer center frequency to DTS channel center frequency.
- 2) The testing follows the Measurement Procedure of FCC KDB 558074 D01 DTS Meas. Guidance.
- 3) Set the span to 1.5 times the DTS channel bandwidth.
- 4) Set the RBW = 100kHz & VBW = 300 kHz.
- 5) Detector = peak.
- 6) Sweep time = auto couple.
- 7) Trace mode = max hold.
- 8) Allow trace to fully stabilize.
- 9) Use the peak marker function to determine the maximum amplitude level.

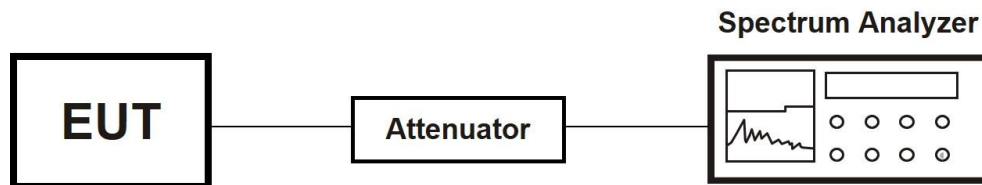
Measurement procedure for Conducted Band Edge

- 1) To connect Antenna Port of EUT to Spectrum.
- 2) The testing follows the Measurement Procedure of FCC KDB 558074 D01 DTS Meas. Guidance.
- 3) Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the spectrum analyzer.
- 4) Set start to edge frequency, and stop frequency of spectrum analyzer so as to encompass the spectrum to be examined.
- 5) Set the spectrum analyzer as RBW=100 kHz, VBW=300 kHz, Detector = Peak, Sweep = auto
- 6) Set DL as the limit = reading on marker of reference level measurement – 20dBm
- 7) Mark the highest readings of the emissions outside of 2400MHz~2483.5MHz.
- 8) Repeat above procedures until all default test channel (low and high) was complete.

Measurement procedure for Conducted Spurious Emission

- 1) To connect Antenna Port of EUT to Spectrum.
- 2) The testing follows the Measurement Procedure of FCC KDB 558074 D01 DTS Meas. Guidance.
- 3) Set RBW = 100 kHz & VBW=300 kHz, Detector =Peak, Sweep = Auto
- 4) Allow trace to fully stabilize.
- 5) Use the peak marker function to determine the maximum power level in any 100 kHz band segment within the fundamental EBW.
- 6) Repeat above procedures until all default test channel measured were complete.

5.5.2 Test Setup



5.5.3 Limit

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a) & RSS-Gen §8.10, must also comply with the radiated emission limits specified in §15.209(a) & RSS-Gen §8.9.

5.5.4 Measurement result

Refer to Appendix F

5.6 Radiated Spurious Emissions and Band Edges

5.6.1 Measurement procedure

For Radiated Emissions below 30 MHz

- 1) The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter chamber room. The table was rotated 360 degrees to determine the position of the highest radiation.
- 2) The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- 3) Parallel (OPEN), perpendicular (CLOSE), and ground-parallel (GROUND) orientations of the antenna are set to make the measurement.
- 4) For each suspected emission, the EUT was arranged to its worst case and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- 5) The test-receiver system was set to Quasi-Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.

Note:

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 9 kHz at frequency below 30 MHz.
2. All modes of operation were investigated and the worst-case emissions are reported.

For Radiated Emissions above 30 MHz

- 1) The EUT was placed on the top of a rotating table 0.8 meters (for 30 MHz ~ 1 GHz) / 1.5 meters (for above 1 GHz) above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.
- 2) The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- 3) The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- 4) For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- 5) The test-receiver system was set to quasi-peak detect function and specified bandwidth with maximum hold mode when the test frequency is below 1 GHz.

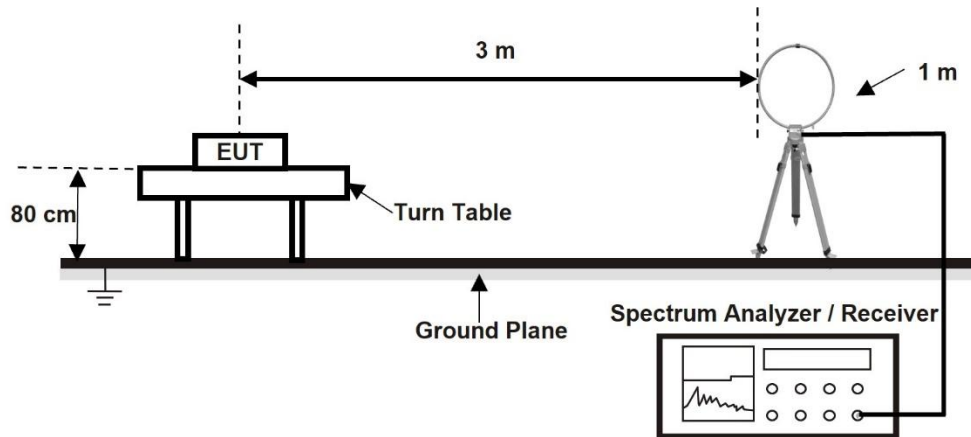
The test-receiver system was set to peak and average detected function and specified bandwidth with maximum hold mode when the test frequency is above 1 GHz. If the peak reading value also meets average limit, measurement with the average detector is unnecessary.

Note:

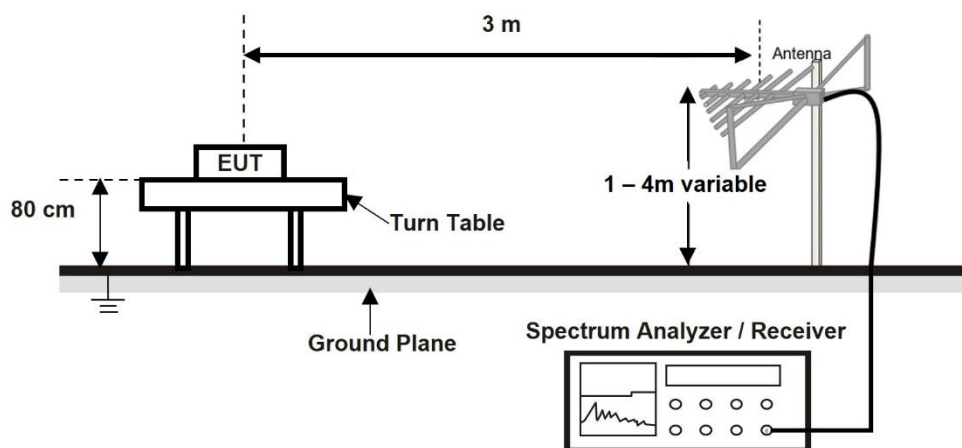
- 1) The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120 kHz for Quasi-peak detection (QP) or Peak detection (PK) at frequency below 1 GHz.
- 2) The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz for Peak detection (PK) at frequency above 1 GHz.
- 3) The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is $\geq 1/T$ (Duty cycle $< 98\%$) or 10 Hz (Duty cycle $\geq 98\%$) for Average detection (AV) at frequency above 1 GHz.
- 4) All modes of operation were investigated and the worst-case emissions are reported.
- 6) The Radiated Emissions testing was performed in the X, Y and Z axis orientation. The worst-case Axis orientation is recorded in this test report.

5.6.2 Test Setup

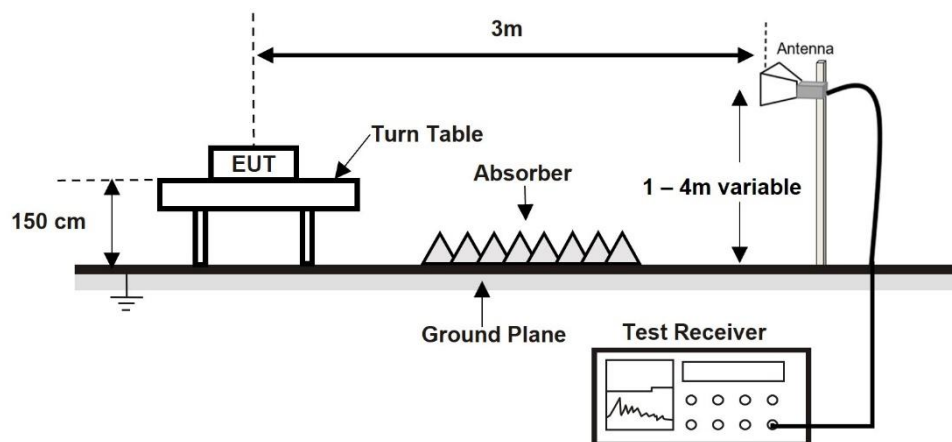
Radiated Emission Test Set-Up, Frequency Below 30MHz.



Radiated Emission Test Set-Up, Frequency From 30MHz to 1000MHz.



Radiated Emission Test Set-Up, Frequency Above 1GHz.



For the actual test configuration, please refer to the attached file (Test Setup Photo).

5.6.3 Limit

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. In addition, radiated emissions which fall in the restricted bands must also comply with the §15.209 and RSS-Gen §8.9 Table 5 and 6 limit as below.

And according to §15.33(a) (1) & RSS-Gen §6.13.2.a for an intentional radiator operates below 10GHz, the frequency range of measurements: to the tenth harmonic of the highest fundamental frequency or to 40GHz, whichever is lower.

Frequency (MHz)	Field strength (microvolts/meter)	Distance (meters)
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

5.6.4 Measurement result

Please refer to Appendix G

Remark:

Factor (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)

Level (dBuV/m) = Reading (dBuV) + Factor (dB/m)

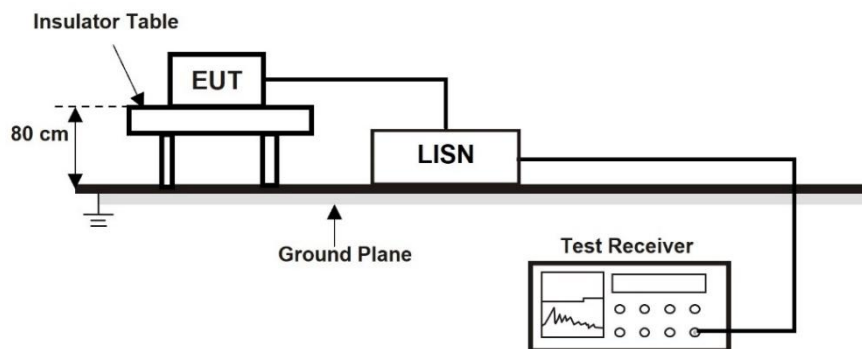
5.7 AC Mains Conducted Emission

5.7.1 Measurement procedure

1. The EUT was placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN). Other support units were connected to the power mains through another LISN. The two LISNs provide 50 ohm/50μH of coupling impedance for the measuring instrument.
2. Both lines of the power mains connected to the EUT were checked for maximum conducted interference.
3. The frequency range from 150 kHz to 30 MHz was searched. Emission levels under (Limit – 20 dB) was not recorded.

Note: The resolution bandwidth and video bandwidth of test receiver is 9 kHz for quasi-peak detection (QP) and average detection (AV) at frequency 0.15 MHz – 30 MHz.

5.7.2 Test Setup



5.7.3 Limit

Frequency range (MHz)	Limits (dBμV)	
	Quasi-peak	Average
0.15 to 0.50	66 to 56	56 to 46
0.50 to 5	56	46
5 to 30	60	50

Notes:

1. The lower limit shall apply at the transition frequencies
2. The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.50 MHz.

5.7.4 Measurement result

Please refer to Appendix H

Note: Refer to next page for measurement data and plots.

Note2: The * reveals the worst-case results that closest to the limit.

6 Measurement Uncertainty

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

The conformity assessment statement in this report is based solely on the test results, measurement uncertainty is excluded.

Radiated Spurious Emission Measurement Uncertainty		
Frequency	Polarization	Measurement uncertainty
9kHz~30MHz	Vertical	± 2.61 dB
30MHz - 1000MHz		± 1.8 dB
1GHz - 18GHz		± 2.11 dB
18GHz - 40GHz		± 2.41 dB
9kHz~30MHz	Horizontal	± 2.61 dB
30MHz - 1000MHz		± 1.82 dB
1GHz - 18GHz		± 2.11 dB
18GHz - 40GHz		± 2.41 dB

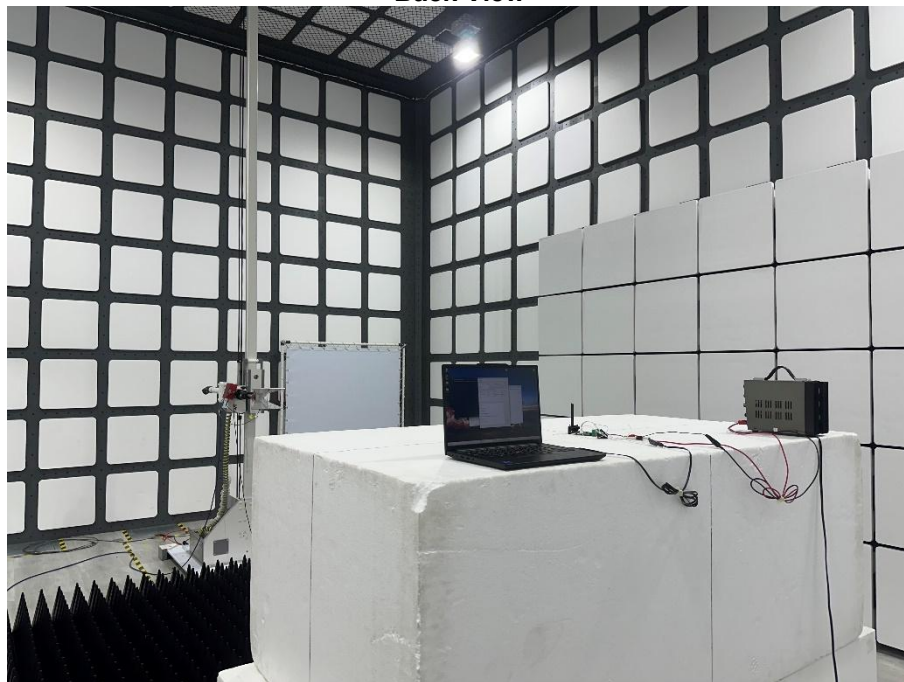
Test Items	Measurement uncertainty
AC Power Line Conducted Emission	± 2.69 dB
Output Power measurement	± 1.31 dB
Emission Bandwidth	± 0.7 Hz
Undesignable radiated emission measurement	± 1.22 dB
Peak Power Density	± 1.31 dB
Temperature	$\pm 0.51^{\circ}\text{C}$
Humidity	± 4.7 %
DC / AC Power Source	± 1.5 %

7 Photographs of the Test Set-Up

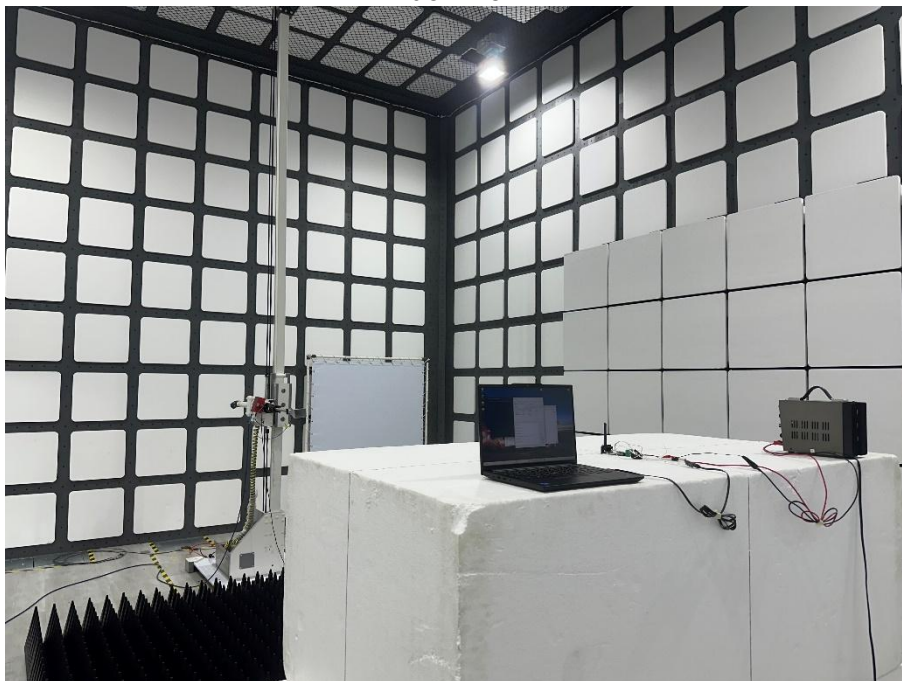
Set-up for Spurious Emissions
Front View



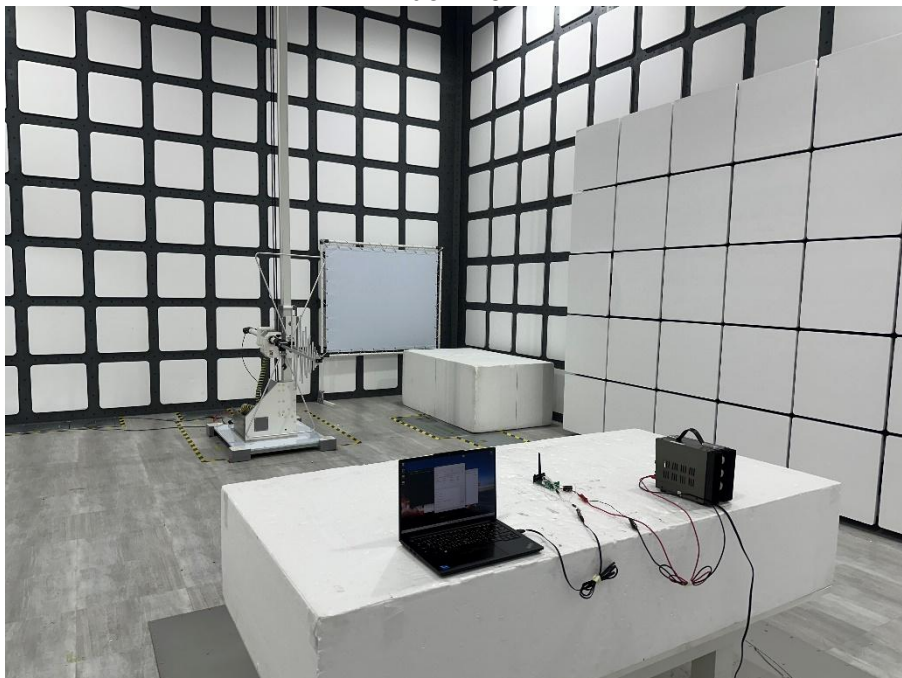
Set-up for Spurious Emissions
Back View



**Set-up for Spurious Emissions
Back View**



**Set-up for Spurious Emissions
Back View**



Set-up for Spurious Emissions
Back View



**Set-up for Conduction Emissions
Front View**



**Set-up for Conduction Emissions
Back View**

