

Test Report

Applicant : Shenzhen WeikeYang Technology Co., Ltd
1309 South China City Global Logistics Center,
Address : No.1 South China Avenue, Hehua Community,
Pinghu Street, Longgang District, Shenzhen
Product Name : TU185-9880H
Brand Mark : N/A
Model : TU07-9885H
Series model : TU07
FCC ID : 2BUMA-TU07
Report Number : BLA-EMC-202512-A3901
Date of Receipt : Dec. 5, 2025
Date of Test : Dec. 5, 2025 to Jan. 6, 2026
Test Standard : 47 CFR Part 15, Subpart B
Test Result : Pass

Compiled by: *Hugh*Review by: *Xavier*Approved by: *Blue Zheng*

Issued Date: Jan. 6, 2026



BlueAsia Technical Services(Shenzhen) Co.,Ltd.

Address: No.41, South of Beihuan Road, Shangwu Community, Shiyan Subdistrict, Bao'an District, Shenzhen, Guangdong, China



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Revise Record

Version No.	Date	Description
01	Jan. 6, 2026	Original

1 General information

1.1 General information

Applicant	Shenzhen WeikeYang Technology Co., Ltd
Address	1309 South China City Global Logistics Center, No.1 South China Avenue, Hehua Community, Pinghu Street, Longgang District, Shenzhen
Manufacturer	Shenzhen Jchuangsheng Technology Co., Ltd
Address	4th Floor, No. 48 Xinhe Road, Shangmugu Community, Pinghu Street, Longgang District, Shenzhen
Factory	N/A
Address	N/A

1.2 General description of EUT

Product name	TU185-9880H
Model no.	TU07-9885H
Series model	TU07
Differences of Series model	The differences between models are trademarks, customers, housing color and pre-installed apps in the software.
Power supply or adapter information	AC adapter: Model: QL072-1903420D1 INPUT: AC 100~240V~50/60Hz 1.7A OUTPUT: 19.0V = 3.42A, 64.98W Battery: DC11.55V
Hardware version	TU07 VERB
Software version	TU07_B1.6_20241007A.bin ITEECNM_TU07_18.5_V2.8.bin
Engineer sample no.	BLA-EMC-202512-A39
<i>Note: for a more detailed description, please refer to Specification or User's Manual supplied by the applicant and/or manufacturer.</i>	

2 Test summary

No.	Test item	FCC Part Section(s)	Test Method(Clause)	Class	Result
1	Radiated Emissions(30MHz-1GHz)	§15.109	ANSI C63.4:2014 Clause 8.3	Class B	Pass
2	Radiated Emissions (above 1GHz)	§15.109	ANSI C63.4:2014 Clause 8.3	Class B	Pass
3	AC Conducted Emissions at Mains Terminals (150kHz-30MHz)	§15.107	ANSI C63.4:2014 Clause 7.3	Class B	Pass

3 Test Configuration

3.1 Test mode

TEST MODE	TEST MODE DESCRIPTION
TM1	Keep the EUT in BT link + WIFI link + USB + RJ45 + TF card + HDMI + AUX + AC adapter

Remark: only the data of the worst mode would be recorded in this report.

3.2 Auxiliary equipment

Device Type	Manufacturer	Model Name	Serial No.	Remark
Mobile	iPhone	iPhone x	N/A	From lab (No.BLA-ZC-BS-2022065)
U Disk	Kingston	N/A	N/A	From lab
TV	Xiaomi	N/A	N/A	From lab (No.BLA-ZC-BS-2022026)
earphones	N/A	N/A	N/A	From lab
Router	N/A	N/A	N/A	From lab
TF card	N/A	N/A	N/A	From lab

Note:“--” mean no any auxiliary device during testing.

3.3 Test environment

Ambient Temperature:	15 °C to 35 °C
Relative Humidity:	25 % to 75 %
Atmospheric pressure:	86 kPa to 106 kPa

4 Laboratory information

4.1 Laboratory and accreditations

The test facility is recognized, certified, or accredited by the following organizations:

Company name:	BlueAsia Technical Services(Shenzhen) Co., Ltd.
Address:	No.41, South of Beihuan Road, Shangwu Community, Shiyan Subdistrict, Bao'an District, Shenzhen, Guangdong, China
A2LA Cert. No.:	5071.01
FCC Registration Number:	923526
FCC Designation No.:	CN1252
ISED CAB identifier No.:	CN0028
IC Registration Number:	24243
CNAS accredited No.:	L9788
Telephone:	+86-755-28682673
FAX:	+86-755-28682673

4.2 Measurement uncertainty

Parameter	Expanded Uncertainty (Confidence of 95%)
Radiated Emission(9kHz-30MHz)	$\pm 4.34\text{dB}$
Radiated Emission(30Mz-1000MHz)	$\pm 4.24\text{dB}$
Radiated Emission(1GHz-18GHz)	$\pm 4.68\text{dB}$
AC Power Line Conducted Emission(150kHz-30MHz)	$\pm 3.45\text{dB}$

5 Test equipment

Radiated Emissions (Below 1GHz)

Equipment	Name	Model	Manufacture	S/N	Cal. Date	Due. Date
BLA-EMC-002-01	Anechoic chamber	9*6*6 chamber	SKET	N/A	2024/3/27	2027/3/26
BLA-EMC-002-02	Control room	966 control room	SKET	N/A	2024/3/27	2027/3/26
BLA-EMC-009	EMI receiver	ESR7	R&S	101199	2025/08/05	2026/08/04
BLA-EMC-043	Loop antenna	FMZB1519B	Schwarzbeck	00102	2024/06/29	2026/06/28
BLA-EMC-065	Broadband antenna	VULB9168	Schwarzbeck	01065P	2024/06/29	2026/06/27
BLA-XC-01	Coaxial Cable	N/A	BlueAsia	V01	N/A	N/A
BLA-XC-02	Coaxial Cable	N/A	BlueAsia	V02	N/A	N/A

Radiated Emissions (Above 1GHz)

Equipment	Name	Model	Manufacture	S/N	Cal. Date	Due. Date
BLA-EMC-001-01	Anechoic chamber	9*6*6 chamber	SKET	N/A	2023/11/16	2026/11/15
BLA-EMC-001-02	Control Room	966 control room	SKET	N/A	2025/11/16	2027/11/15
BLA-EMC-008	Spectrum	FSP40	R&S	100817	2025/08/05	2026/08/04
BLA-EMC-013	Horn Antenna	BBHA9120D	Schwarzbeck	01892	2024/06/29	2026/06/28
BLA-EMC-014	Amplifier	PA_000318G-45	SKET	PA2018043003	2025/08/05	2026/08/04
BLA-EMC-046	Filter bank	2.4G/5G Filter bank	SKET	N/A	2025/06/09	2026/06/08
BLA-EMC-061	Receiver	ESPI7	R&S	101477	2025/06/09	2026/06/08
BLA-EMC-066	Amplifier	LNPA_30M01G-30	SKET	SK2021060801	2025/06/09	2026/06/08
BLA-EMC-086	Amplifier	LNPA_18G40G-50dB	SKET	SK2022071301	2025/06/09	2026/06/08
BLA-EMC-087	Horn Antenna	BBHA 9170	Schwarzbeck	1106	2024/06/29	2026/06/28
BLA-XC-03	Coaxial Cable	N/A	BlueAsia	V03	N/A	N/A
BLA-XC-04	Coaxial Cable	N/A	BlueAsia	V04	N/A	N/A

Conducted Emissions at Mains Terminals (150 kHz-30MHz)

Equipment	Name	Model	Manufacture	S/N	Cal. Date	Due. Date
BLA-EMC-003-001	Shield room	8*3*3	SKET	N/A	2025/11/16	2027/11/15
BLA-EMC-009	EMI receiver	ESR7	R&S	101199	2025/08/05	2026/08/04
BLA-EMC-011	LISN	ENV216	R&S	101372	2025/08/05	2026/08/04
BLA-EMC-033	Impedance transformer	DC-2GHz	DFXP	N/A	2025/06/09	2026/06/08
BLA-EMC-041	LISN	AT166-2	ATTEN	AKK1806000003	2025/08/05	2026/08/04
BLA-EMC-045	Impedance stable network	ISNT8-cat 6	TESEQ	53580	2025/08/05	2026/08/04
BLA-EMC-095	Single-channel vehicle artificial power network	NNBM 8124	Schwarzbeck	01045	2025/06/09	2026/06/08
BLA-EMC-096	Single-channel vehicle artificial power network	NNBM 8124	Schwarzbeck	01075	2025/06/09	2026/06/08
BLA-XC-05	Coaxial Cable	N/A	BlueAsia	V05	N/A	N/A

Test Software Record

Software No.	Software Name	Manufacture	Software version	Test site
BLA-EMC-S001	EZ-EMC	EZ	EEMC-3A1+	RE
BLA-EMC-S002	EZ-EMC	EZ	EEMC-3A1+	RE
BLA-EMC-S003	EZ-EMC	EZ	EEMC-3A1+	CE

6 Test result

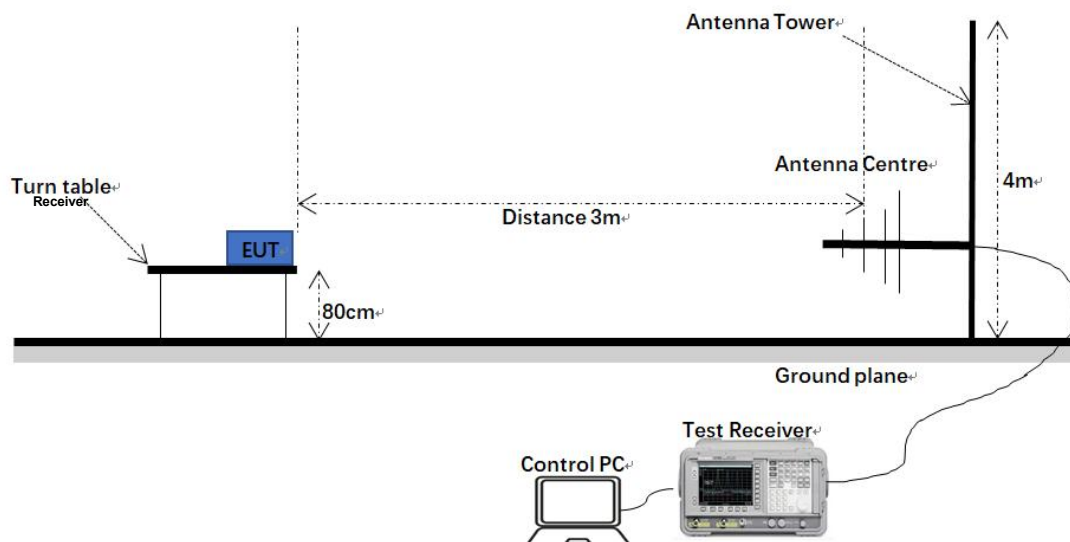
6.1 Radiated Emissions (30MHz-1GHz)

Test Standard	47 CFR Part 15, Subpart B
Test Method	ANSI C63.4:2014 Clause 8.3
Test Mode (Pre-Scan)	TM1
Test Mode (Final Test)	TM1

6.1.1 Limits

Frequency Range	Limit(Class A) (3m) (dB μ V/m)	Limit(Class B)(3m) (dB μ V/m)	Detector
30MHz -88MHz	49.5	40.0	Quasi-Peak
88MHz-216MHz	53.9	43.5	Quasi-Peak
216MHz-960MHz	56.9	46.0	Quasi-Peak
960MHz-1000MHz	60.0	54.0	Quasi-Peak

6.1.2 Test setup



Description of test setup connection:

- EUT was put on turn table in a 966 chamber room;
- The center distance of the receiving antenna is 3 meters from the EUT;
- The signal received by the receiving antenna is transmitted to the receiver through the coaxial line;
- Test receiver connected to control PC.

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6.1.3 Procedure

An initial pre-scan was performed in the chamber using the spectrum analyzer in peak detection mode. Quasi-peak measurements were conducted based on the peak sweep graph. The EUT was measured by BiConiLog antenna with 2 orthogonal polarities.

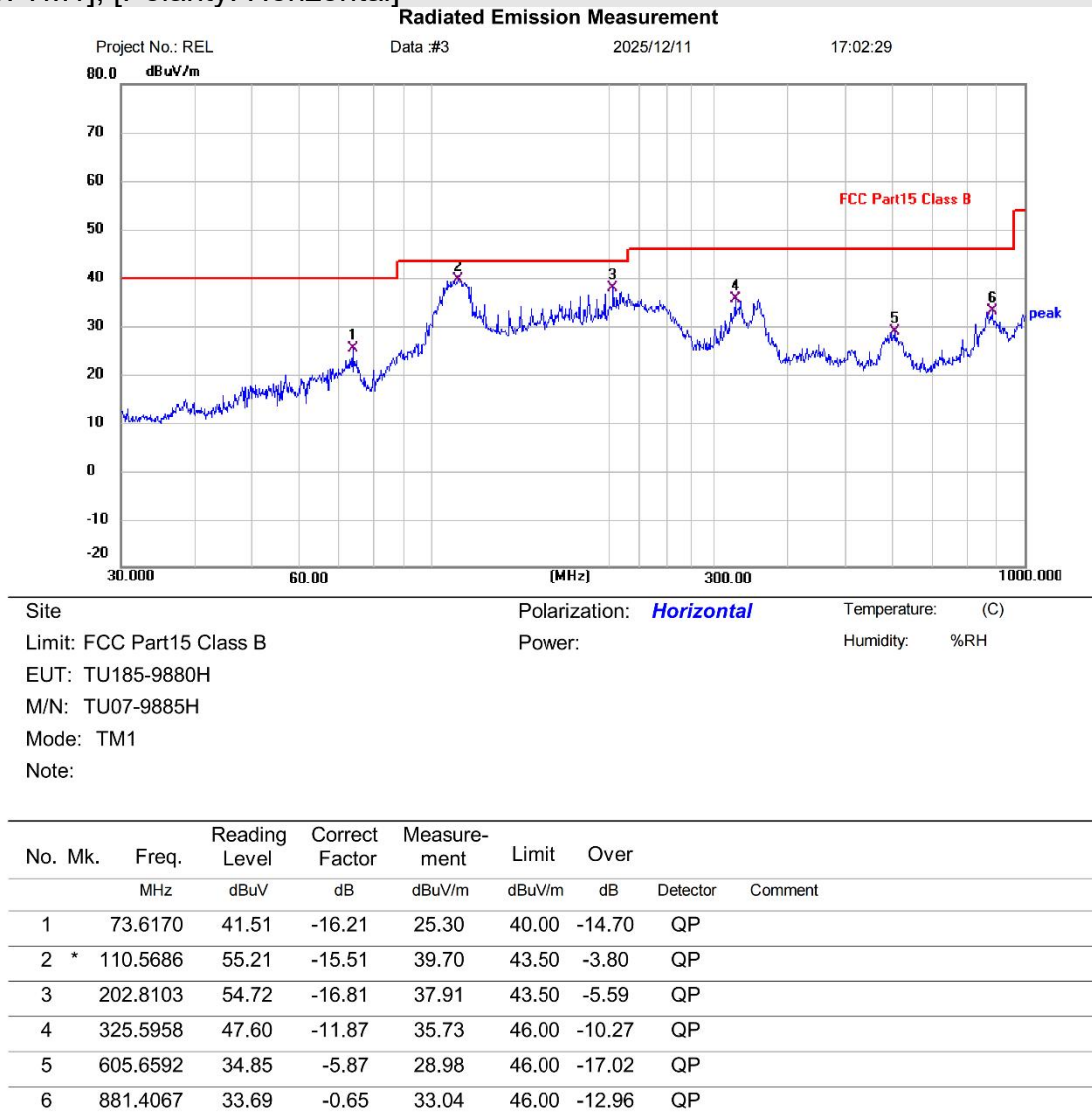
Remark:

1. Final Level = Receiver Read level + Correct factor
2. Correct factor = Antenna Factor + Cable Loss – Preamplifier Factor
3. The emission levels of other frequencies are very lower than the limit and not show in test report.

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6.1.4 Test data

[TestMode: TM1]; [Polarity: Horizontal]



*:Maximum data x:Over limit !:over margin

⟨Reference Only

Receiver: ESPI_1

Spectrum Analyzer: ESR

Test Result: Pass

[TestMode: TM1]; [Polarity: Vertical]

Radiated Emission Measurement



Site Polarization: **Vertical** Temperature: (C)
Limit: FCC Part15 Class B Power: Humidity: %RH
EUT: TU185-9880H
M/N: TU07-9885H
Mode: TM1
Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		36.7661	39.43	-13.47	25.96	40.00	-14.04	QP	
2	*	112.5242	55.08	-15.07	40.01	43.50	-3.49	QP	
3		202.8103	54.75	-16.81	37.94	43.50	-5.56	QP	
4		332.5187	47.33	-11.52	35.81	46.00	-10.19	QP	
5		601.4265	36.76	-5.99	30.77	46.00	-15.23	QP	
6		866.0878	31.90	-1.24	30.66	46.00	-15.34	QP	

*:Maximum data x:Over limit !:over margin

(Reference Only)

Receiver: ESPI_1

Spectrum Analyzer: ESR

Test Result: Pass

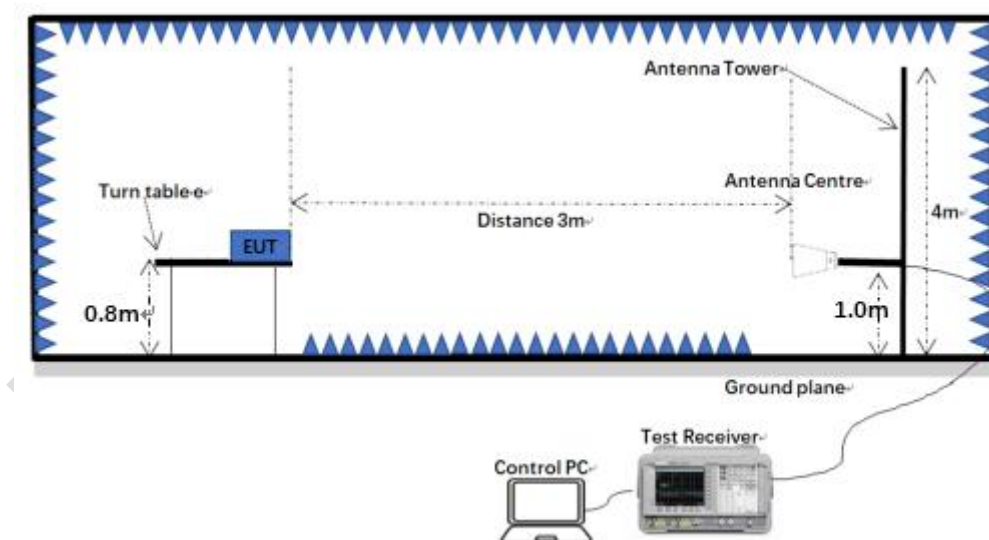
6.2 Radiated Emissions (above 1GHz)

Test Standard	47 CFR Part 15, Subpart B
Test Method	ANSI C63.4:2014 Clause 8.3
Test Mode (Pre-Scan)	TM1
Test Mode (Final Test)	TM1

6.2.1 Limits

Frequency Range	Limit(Class A) (3m) (dBμV/m)	Limit(Class B) (3m) (dBμV/m)	Detector
Above 1GHz	80(dB μ V/m)	74(dB μ V/m)	Peak
	60(dB μ V/m)	54(dB μ V/m)	Average

6.2.2 Test setup



Description of test setup connection:

- EUT was put on turn table in a 966 chamber room;
- The center distance of the receiving antenna is 3 meters from the EUT;
- The signal received by the receiving antenna is transmitted to the receiver through the coaxial line;
- Test receiver connected to control PC.

6.2.3 Procedure

An initial pre-scan was performed in the chamber using the spectrum analyser in peak detection mode. Average measurements were conducted based on the peak sweep graph. The EUT was measured by Horn antenna with 2 orthogonal polarities.

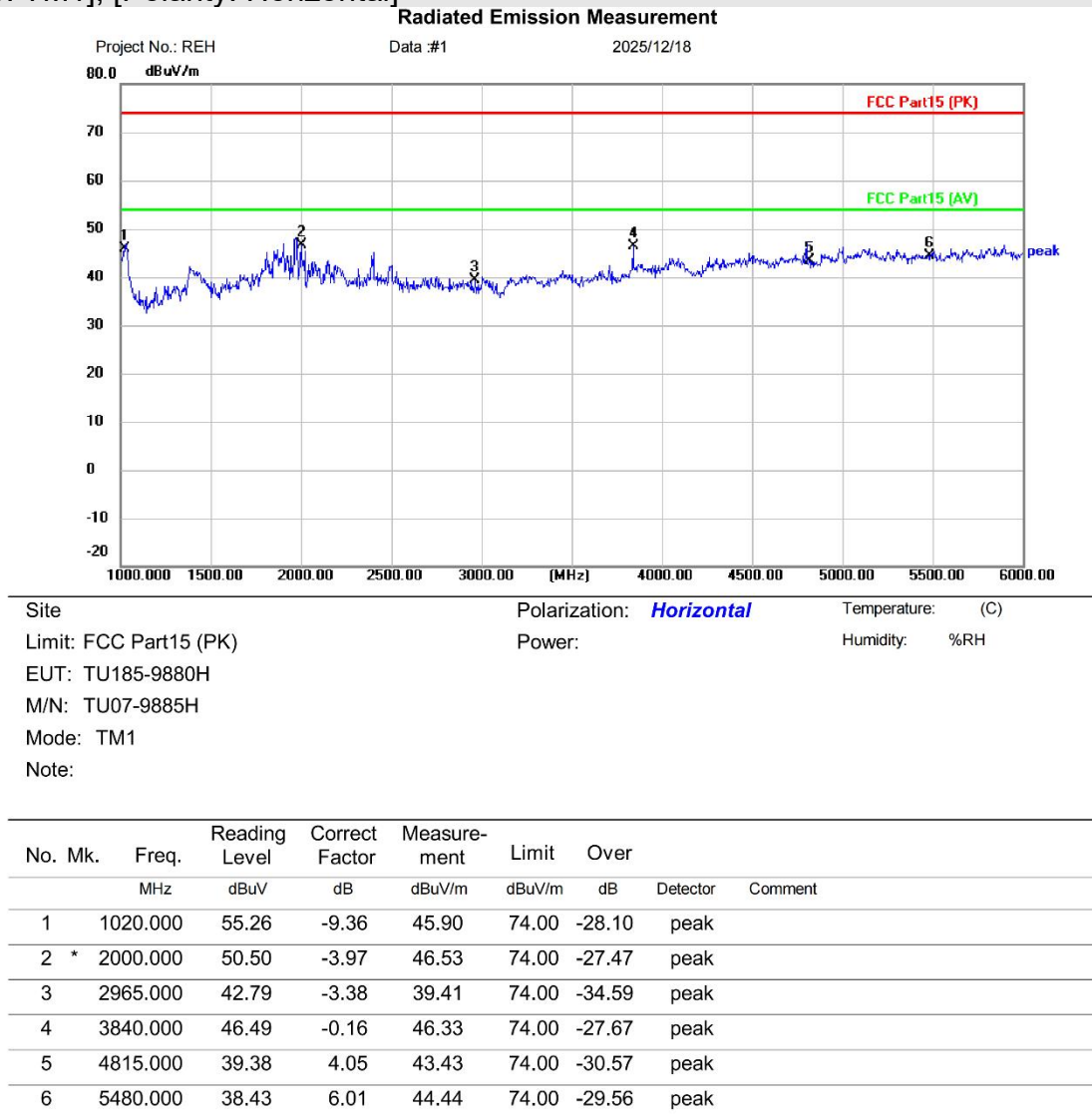
Remark:

1. Final Level = Receiver Read level + Correct factor
2. Correct factor = Antenna Factor + Cable Loss – Preamplifier Factor
3. The emission levels of other frequencies are very lower than the limit and not show in test report.

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6.2.4 Test data

[TestMode: TM1]; [Polarity: Horizontal]



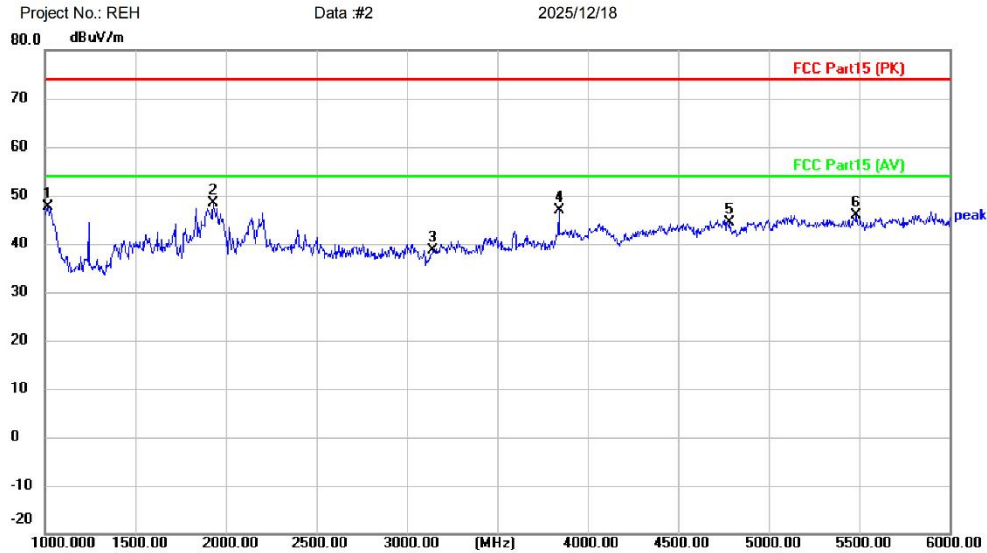
*:Maximum data x:Over limit !:over margin <Reference Only

Receiver: ESR_1 Spectrum Analyzer: FSP40

Test Result: Pass

[TestMode: TM1]; [Polarity: Vertical]

Radiated Emission Measurement



Site Polarization: **Vertical** Temperature: (C)
Limit: FCC Part15 (PK) Power: Humidity: %RH
EUT: TU185-9880H
M/N: TU07-9885H
Mode: TM1
Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		1015.000	57.65	-9.99	47.66	74.00	-26.34	peak	
2	*	1930.000	52.41	-3.93	48.48	74.00	-25.52	peak	
3		3145.000	41.36	-2.81	38.55	74.00	-35.45	peak	
4		3840.000	47.11	-0.16	46.95	74.00	-27.05	peak	
5		4785.000	40.26	4.06	44.32	74.00	-29.68	peak	
6		5485.000	39.91	6.03	45.94	74.00	-28.06	peak	

*:Maximum data x:Over limit !:over margin

(Reference Only)

Receiver: ESR_1

Spectrum Analyzer: FSP40

Test Result: Pass

6.3 Conducted Emissions at Mains Terminals (150 kHz-30MHz)

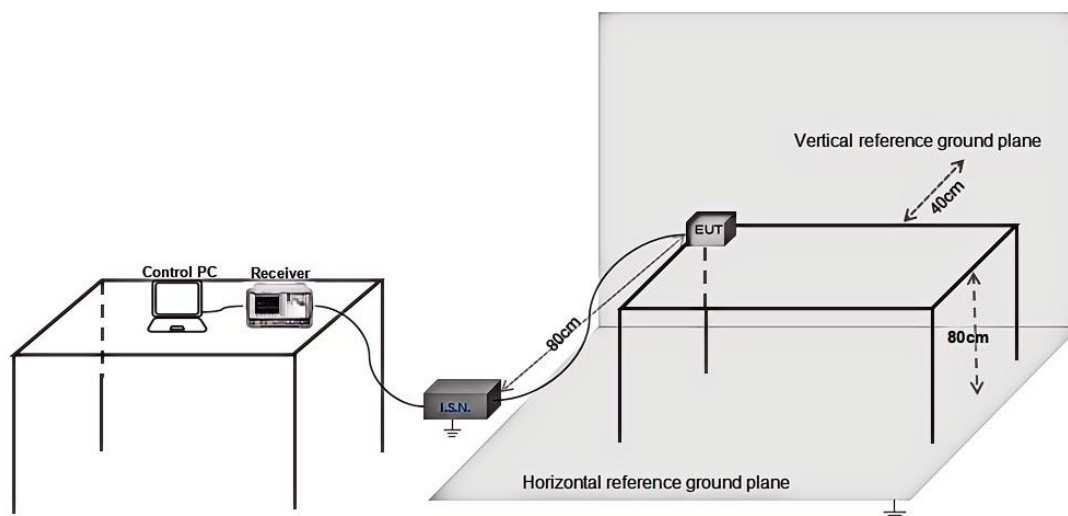
Test Standard	47 CFR Part 15, Subpart B
Test Method	ANSI C63.4:2014 Clause 7.3
Test Mode (Pre-Scan)	TM1
Test Mode (Final Test)	TM1

6.3.1 Limits

Frequency Range	Limit(Class B) dB(μ V)	Detector
0.15M-0.5MHz	66 ~ 56	Quasi-Peak,
	56 ~ 46	Average
0.5M-5MHz	56	Quasi-Peak,
	46	Average
5M-30MHz	60	Quasi-Peak,
	50	Average

Frequency Range	Limit(Class A) dB(μ V)	Detector
0.15M-0.5MHz	79	Quasi-Peak,
	66	Average
0.5M-30MHz	73	Quasi-Peak,
	60	Average

6.3.2 Test setup



Description of test setup connection:

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Email: marketing@cblueasia.com www.cblueasia.com

Version:v1.2

- e) Connect the control PC to the receiver through a USB to GPIB cable;
- f) The receiver is connected to the LISN through a coaxial line;
- g) Connect the power port of LISN to the EUT.

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6.3.3 Procedure

An initial pre-scan was performed with peak detector, Quasi-Peak or Average measurement were performed at the frequencies with maximized peak emission were detected.

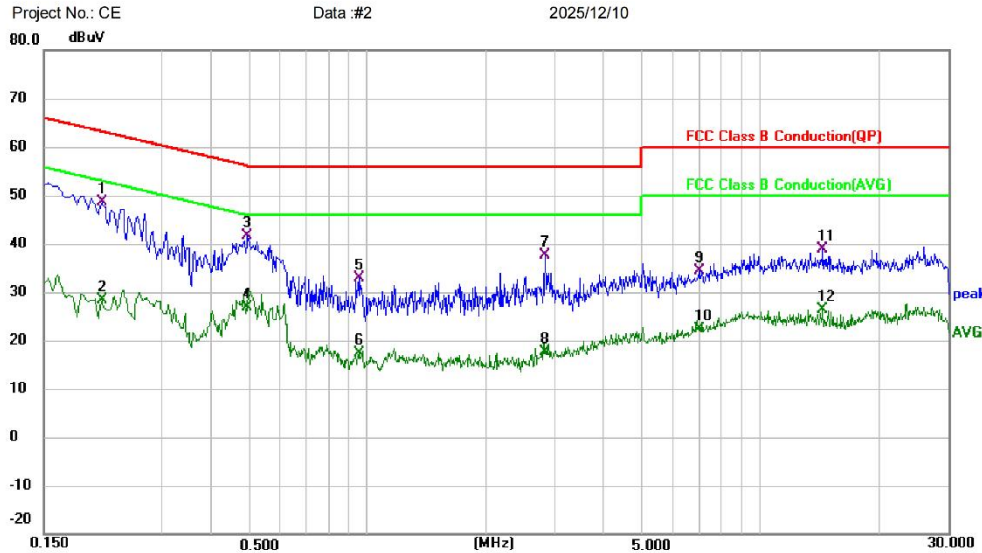
Remark:

1. An initial pre-scan was performed on the line and neutral lines with peak detector.
2. Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission.
3. Final Level = Receiver Read level + LISN Factor + Cable Loss.

6.3.4 Test Data

[TestMode: TM1]; [Line: Line];[Voltage:AC120V/60Hz]

Conducted Emission Measurement



Site: Phase: **L1** Temperature: (C)
Limit: FCC Class B Conduction(QP) Power: Humidity: %RH
EUT: TU185-9880H Distance: RBW: 9 KHz
M/N: TU07-9885H VBW: 30 KHz Sweep Time: 10 ms
Mode: TM1
Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree
1		0.2100	38.29	10.29	48.58	63.21	-14.63	QP		
2		0.2100	18.06	10.29	28.35	53.21	-24.86	AVG		
3	*	0.4939	31.65	9.91	41.56	56.10	-14.54	QP		
4		0.4939	16.99	9.91	26.90	46.10	-19.20	AVG		
5		0.9500	22.84	9.93	32.77	56.00	-23.23	QP		
6		0.9500	7.40	9.93	17.33	46.00	-28.67	AVG		
7		2.8300	27.63	9.97	37.60	56.00	-18.40	QP		
8		2.8300	7.75	9.97	17.72	46.00	-28.28	AVG		
9		6.9700	24.37	9.96	34.33	60.00	-25.67	QP		
10		6.9700	12.41	9.96	22.37	50.00	-27.63	AVG		
11		14.4139	28.97	9.95	38.92	60.00	-21.08	QP		
12		14.4139	16.37	9.95	26.32	50.00	-23.68	AVG		

*:Maximum data x:Over limit !:over margin

<Reference Only

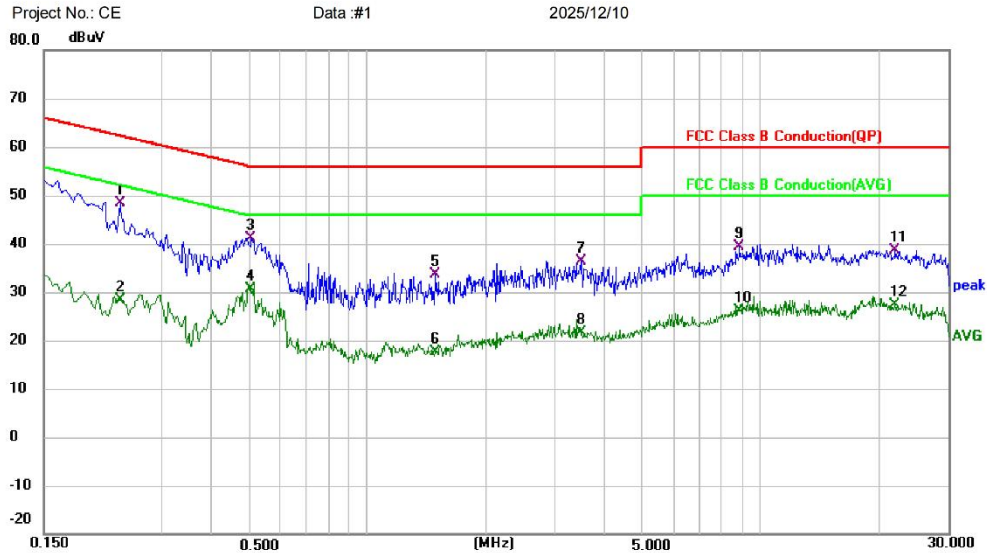
Receiver: ESPI_1

Spectrum Analyzer: ESPI

Test Result: Pass

[TestMode: TM1]; [Line: Neutral] ;[Voltage:AC120V/60Hz]

Conducted Emission Measurement



Site: Limit: FCC Class B Conduction(QP)
EUT: TU185-9880H
M/N: TU07-9885H
Mode: TM1
Note:

Phase: **N**
Power:
Distance: RBW: 9 KHz
VBW: 30 KHz

Temperature: (C)
Humidity: %RH
Sweep Time: 10 ms

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Antenna Height cm	Table Degree degree	Comment
1	*	0.2340	37.90	10.36	48.26	62.31	-14.05	QP		
2		0.2340	18.08	10.36	28.44	52.31	-23.87	AVG		
3		0.5060	31.27	9.91	41.18	56.00	-14.82	QP		
4		0.5060	20.61	9.91	30.52	46.00	-15.48	AVG		
5		1.4900	23.68	9.97	33.65	56.00	-22.35	QP		
6		1.4900	7.58	9.97	17.55	46.00	-28.45	AVG		
7		3.4980	26.44	9.90	36.34	56.00	-19.66	QP		
8		3.4980	11.71	9.90	21.61	46.00	-24.39	AVG		
9		8.8379	29.49	9.93	39.42	60.00	-20.58	QP		
10		8.8379	16.21	9.93	26.14	50.00	-23.86	AVG		
11		22.0380	28.70	10.04	38.74	60.00	-21.26	QP		
12		22.0380	17.33	10.04	27.37	50.00	-22.63	AVG		

*:Maximum data x:Over limit !:over margin

(Reference Only)

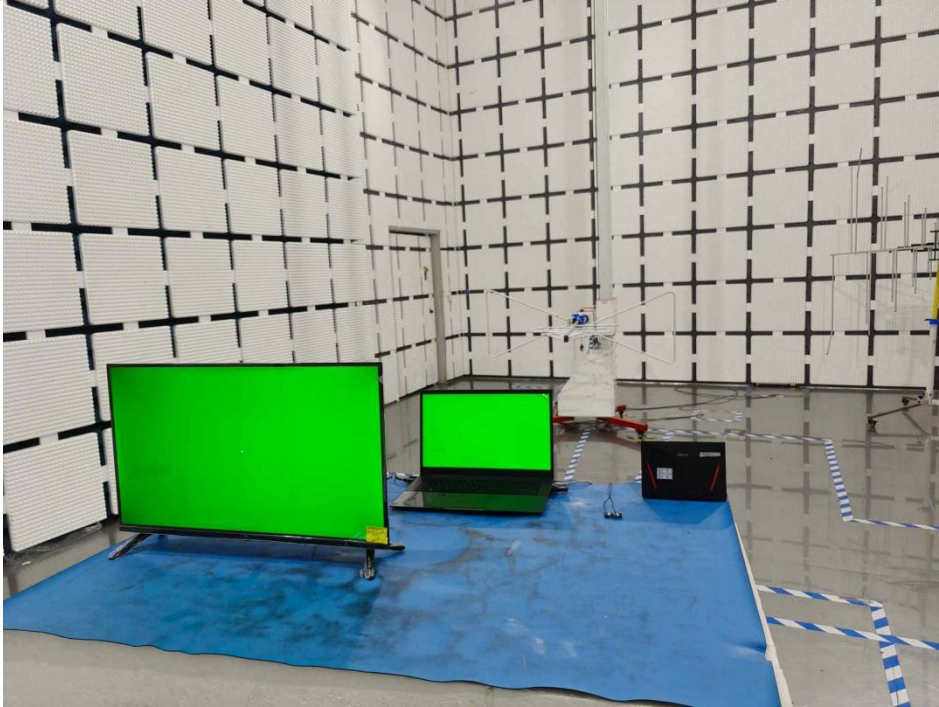
Receiver: ESPI_1

Spectrum Analyzer: ESPI

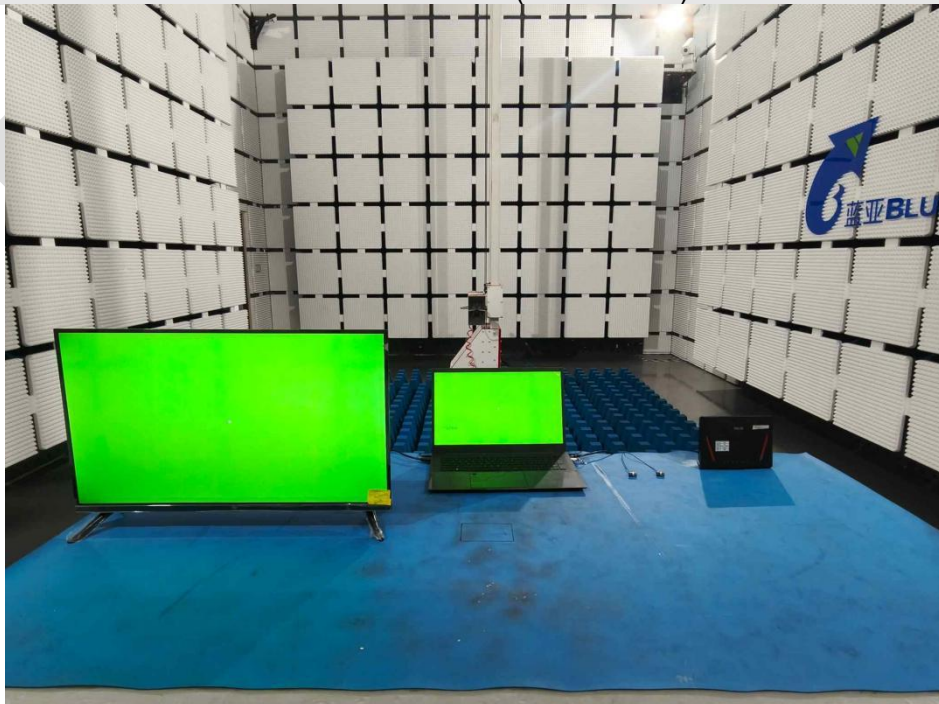
Test Result: Pass

Appendix A: photographs of test setup

Radiated Emissions (30MHz-1GHz)



Radiated Emissions (above 1GHz)



Conducted Emissions at Mains Terminals (150 kHz-30MHz)



Appendix B: photographs of EUT

