

47 CFR PART 15 SUBPART C TEST REPORT

for

Magsafe Power Bank

Model No.: POWERFORCE26PC01

FCC ID: 2BXC126PC01

of

Applicant: **POWER FORCE TECH. CO., LTD.**

Address: 7th Floor, No. 1058, Zhongzheng Road, Tongan Village,
Taoyuan District, Taoyuan City Taiwan

Tested and Prepared

by

Worldwide Testing Services (Taiwan) Co., Ltd.

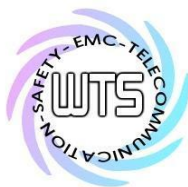
FCC Registration No.: TW1072, TW1140, TW1146, TW1477, TW0037

Industry Canada filed test laboratory Reg. No.: 20037, 31634



Report No.: W6M22606-25210-C-1

6F, NO. 58, LANE 188, RUEY-KUANG RD., NEIHU TAIPEI 114, TAIWAN, R.O.C.
TEL: 886-2-66068877 FAX: 886-2-66068879 E-mail: wts@wts-lab.com

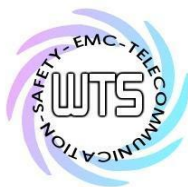


Registration number: W6M22606-25210-C-1
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1 General Information

1.1 Notes

The purpose of conformity testing is to increase the probability of adherence to the essential requirements or conformity specifications, as appropriate.

The complexity of the technical specifications, however, means that full and thorough testing is impractical for both technical and economic reasons.

Furthermore, there is no guarantee that a test sample which has passed all the relevant tests conforms to a specification.

Neither is there any guarantee that such a test sample will interwork with other genuinely open systems.

The existence of the tests nevertheless provides the confidence that the test sample possesses the qualities as maintained and that its performance generally conforms to representative cases of communications equipment.

Laboratory disclaimer-

1. The test results of this test report relate exclusively to the item tested as specified in 1.5.
2. The test report may only be reproduced or published in full.
3. Reproduction or publication of extracts from the report requires the prior written approval of the Worldwide Testing Services(Taiwan) Co., Ltd.

Tester:

August 04, 2026

Sora Kuo

Date

WTS-Lab.

Name

Signature

Technical responsibility for area of testing:

August 04, 2026

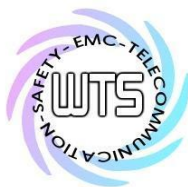
Kevin Wang

Date

WTS

Name

Signature



Worldwide Testing Services(Taiwan) Co., Ltd.

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1.2 Testing laboratory

1.2.1 Location

Worldwide Testing Services (Taiwan) Co., Ltd.
6F, No. 58, Ln.188, Ruey-Kuang Rd., Neihu,
Taipei City 114, Taiwan (R.O.C.)
Tel: 886-2-6606-8877

3 meter semi-anechoic chamber
No. 99, Sec. 1, Balian Rd., Xizhi Dist.,
New Taipei City 221032, Taiwan (R.O.C.)

10m OATS
No.5-1, Lishui, Shuang Sing Village, Wanli Dist.,
New Taipei City 207, Taiwan (R.O.C.)

1.2.2 Details of accreditation status

Accredited testing laboratory

FCC filed test laboratory Reg. No.: TW1072, TW1140, TW1146, TW1477, TW0037

Industry Canada filed test laboratory Reg. No.: 20037, 31634

Test location, where different from Worldwide Testing Services (Taiwan) Co., Ltd. :

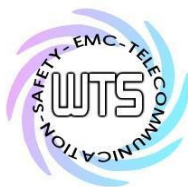
Name:	./.
Accredited number:	./.
Street:	./.
Town:	./.
Country:	./.

1.3 Details of approval holder

Name:	POWER FORCE TECH. CO., LTD.
Street:	7th Floor, No. 1058, Zhongzheng Road, Tongan Village, Taoyuan District,
Town:	Taoyuan City
Country:	Taiwan

1.4 Application details

Date of receipt of test item:	July 03, 2026
Date of test:	from July 06, 2026 to July 31, 2026



Registration number: W6M22606-25210-C-1

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1.5 General information of Test item

Type of test item:	Magsafe Power Bank
Model number:	POWERFORCE26PC01
Multi-listing model number:	./.
Brand name:	./.
Transmitting frequency:	127.5 kHz/128.7 kHz/132.8 kHz/357 kHz
Operation modes:	ASK
Antenna type:	Loop Antenna
Power supply:	USB 5Vd.c. Battery 3.85Vd.c., 5000mAh, 19.25Wh
Sample no.:	#01

Manufacturer: (if different from Approval Holder)

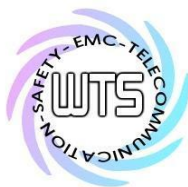
Name:	./.
Street:	./.
Town:	./.
Country:	./.

1.6 Test standards

Technical standard :

47 CFR PART 15 SUBPART C § 15.207/15.209 (2024-10)

ANSI C63.10-2020+Cor.1-2023+C63.10a-2024



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2 Technical test

2.1 Summary of test results

No deviations from the technical specification(s) were ascertained in the course of the tests performed. ☒

or

The deviations were ascertained in the course of the tests performed. ☐

2.2 Test environment

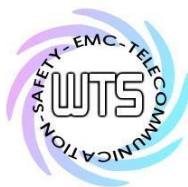
Relative humidity content: 20 ... 75 %

Air pressure: 86 ... 103 kPa

Extreme conditions parameters: test voltage : -- extreme
min : -- V
max : -- V

Test item Name	Measurement Uncertainty
Estimation Result of Uncertainty of Conducted Emission (Power Line Conducted Emission)	Expanded Uncertainty : AMN : 0.90 dB Voltage probe : 1.18 dB Include Pulse Limiter : 1.44 dB
Estimation Result of Uncertainty of Radiated Emission(3M-966A) (Peak Output Power, Spurious Emissions radiated – Transmitter operating, Radiated Emissions from Receiver Section of Receiver Part)	Expanded Uncertainty : 0.009-30 MHz : 1.85 dB 30-1000 MHz : 4.21 dB 1-18 GHz : 3.19 dB 18-40 GHz : 1.90 dB
Estimation Result of Uncertainty of Bandwidth Measurement (Occupied Bandwidth)	Expanded Uncertainty : 0.37 kHz

The decision rule is: Measurement uncertainty is not included in the calculation of test results.



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2.3 Test Equipment List

Peak output power (966A)

Code No.	Test equipment	Mode No.	Serial No.	Brand	Cal. Date	Next Cal. Date
ETSTW-RE 153	Signal Analyzer	FSV40	101929	R&S	2025/9/10	2026/9/9
ETSTW-RE 154	EMI Test Receiver	ESR3	102829	R&S	2026/4/20	2027/4/19
ETSTW-RE 176	Loop Antenna	FMZB 1513-60	39	SCHWARZBECK	2025/8/16	2026/8/15
ETSTW-Cable 090	N type Cable (15m)	EMCCFD400-NM-NM-15000	230732	EMCI	2025/8/1	2026/7/31

Spurious emission (966A)

Code No.	Test equipment	Mode No.	Serial No.	Brand	Cal. Date	Next Cal. Date
ETSTW-RE 153	Signal Analyzer	FSV40	101929	R&S	2025/9/10	2026/9/9
ETSTW-RE 154	EMI Test Receiver	ESR3	102829	R&S	2026/4/20	2027/4/19
ETSTW-RE 160	Amplifier Module	CHC 3	None	WTS	2026/7/13	2027/7/12
ETSTW-RE 176	Loop Antenna	FMZB 1513-60	39	SCHWARZBECK	2025/8/16	2026/8/15
ETSTW-RE 177	TRILOG Broadband Antenna	VULB 9168&EMCI-N-6-06	01380&AT-06007	SCHWARZBECK&EMC	2026/4/17	2027/4/16
ETSTW-Cable 077	SMA type cable (10m)	EMC104-SM-SM-10000	230511	EMCI	2026/7/13	2027/7/12
ETSTW-Cable 084	SMA type cable (1m)	SF104-11SMA-1000	816477/4	HONOVA	2026/7/13	2027/7/12
ETSTW-Cable 089	SMA type cable (2m)	SF104-11SMA-2000	SN 811889/4	HUBER+SUHNER	2026/7/13	2027/7/12
ETSTW-Cable 090	N type Cable (15m)	EMCCFD400-NM-NM-15000	230732	EMCI	2025/8/1	2026/7/31

AC conducted emission

Code No.	Test equipment	Mode No.	Serial No.	Brand	Cal. Date	Next Cal. Date
ETSTW-CE 001	EMI TEST RECEIVER	ESHS10	842121/013	R&S	2026/6/30	2027/6/29
ETSTW-CE 003	AC POWER SOURCE	APS-9102	D161137	GW	Function Test	
ETSTW-CE 016	TWO-LINE V-NETWORK	ENV216	100050	R&S	2025/10/23	2026/10/22
ETSTW-RE 045	ESA-E SERIES SPECTRUM ANALYZER	E4404B	MY45111242	Agilent	Pre-test Use	
ETSTW-Cable 093	BNC Cable (3m)	EMCCFD-300 -BM-BM-3000	240109	EMCI	2025/10/27	2026/10/26



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2.4 General Test Procedure

POWER LINE CONDUCTED INTERFERENCE: The procedure used was ANSI C63.10-2020+Cor.1-2023+C63.10a-2024 6.2 using a LISN (if necessary). Both lines were observed. The bandwidth of the spectrum analyzer was 10 kHz with an appropriate sweep speed.

RADIATION INTERFERENCE: The test procedure used was according to ANSI C63.10-2020+Cor.1-2023+C63.10a-2024 6.3 employing a spectrum analyzer. For investigated frequency is equal to or below 1GHz, the RBW and VBW of the spectrum analyzer was 100 kHz and 100kHz respectively with an appropriate sweep speed. For investigated frequency is above 1GHz, both of RBW and VBW of the spectrum analyzer were 1 MHz with an appropriate sweep speed. The analyzer was calibrated in dB above a microvolt at the output of the antenna.

FORMULA OF CONVERSION FACTORS: The Field Strength at 3m was established by adding the meter reading of the spectrum analyzer (which is set to read in units of dBμV) to the antenna correction factor supplied by the antenna manufacturer. The antenna correction factors are stated in terms of dB.

Example:

Freq (MHz) METER READING + ACF + CABLE LOSS (to the receiver) = FS

20 dBμV + 10.36 dB + 6 dB = 36.36 dBμV/m @3m

ANSI C63.10-2020+Cor.1-2023+C63.10a-2024 6.2.2 MEASUREMENT PROCEDURES: The EUT was placed on a table 80 cm height and with dimensions of 1m by 1.5m (non metallic table). The EUT was placed in the centre of the table. The table used for radiated measurements is capable of continuous rotation. The spectrum was scanned from 30 MHz to 10th harmonic of the fundamental.

Peak readings were taken in three (3) orthogonal planes and the highest readings.

When an emission was found, the table was rotated to produce the maximum signal strength. At this point, the antenna was raised and lowered from 1m to 4m. The antenna was placed in both the horizontal and vertical planes.

ANSI C63.10-2020+Cor.1-2023+C63.10a-2024 B.2.7: Any measurements that utilize special test software shall be indicated and referenced in the test report. During testing, test software 'EZ EMC' was used for setting up different operation modes.



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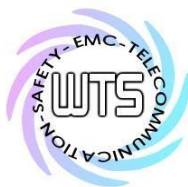
Registration number: W6M22606-25210-C-1

FCC ID: 2BXCI26PC01

3 Test results (enclosure)

Test case	Para. Number	Required	Test passed	Test failed
Peak Output Power	15.209	☒	☒	☐
Spurious Emissions radiated – Transmitter operating	15.209	☒	☒	☐
Spurious Emissions radiated – Receiver operating	15.109	☐	☐	☐
Occupied bandwidth	2.1049	☒	☒	☐
Antenna Requirement	FCC 15.203	☒	☒	☐
Power Line Conducted Emission	FCC 15.207	☒	☒	☐

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Registration number: W6M22606-25210-C-1

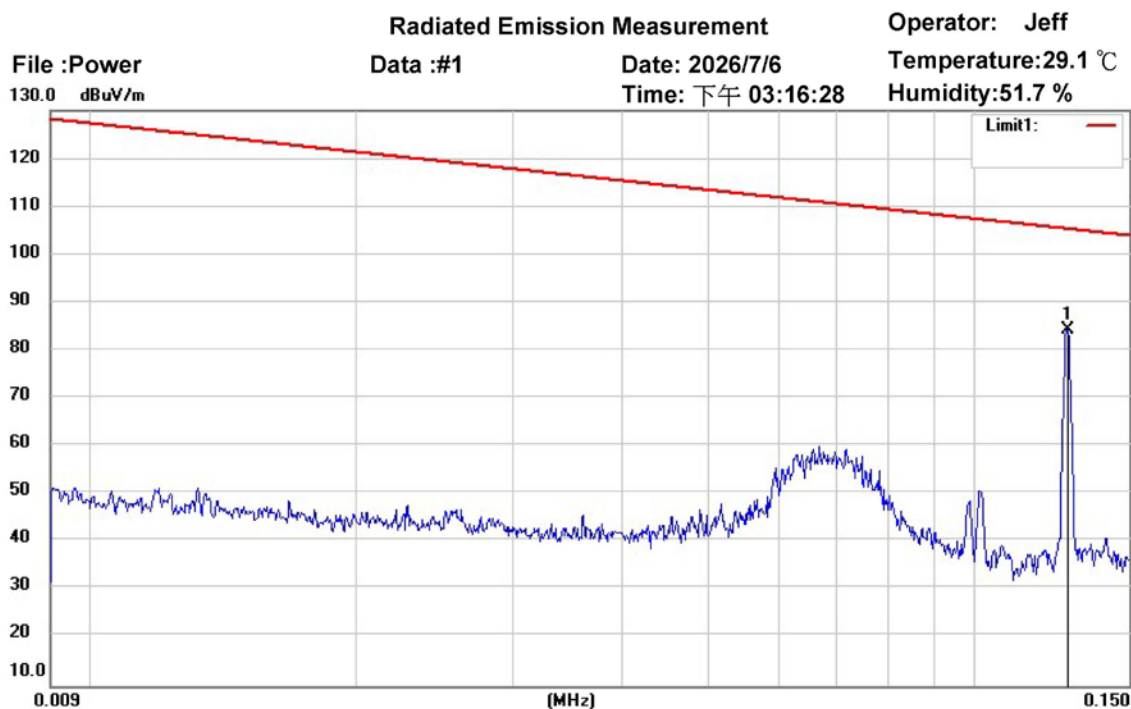
FCC ID: 2BXCI26PC01

3.1 Peak Output Power

FCC Rules: 15.209

The power was measured with modulation (declared by the applicant).

7.5W



Site : 966A Chamber

Condition : FCC_15.209 RE (9k-30M) (3M)

EUT : W6M22606-25210

M/N:

Test Mode : TX 127.5kHz

Note :

Polarization: 0

Power : 120 Va.c.

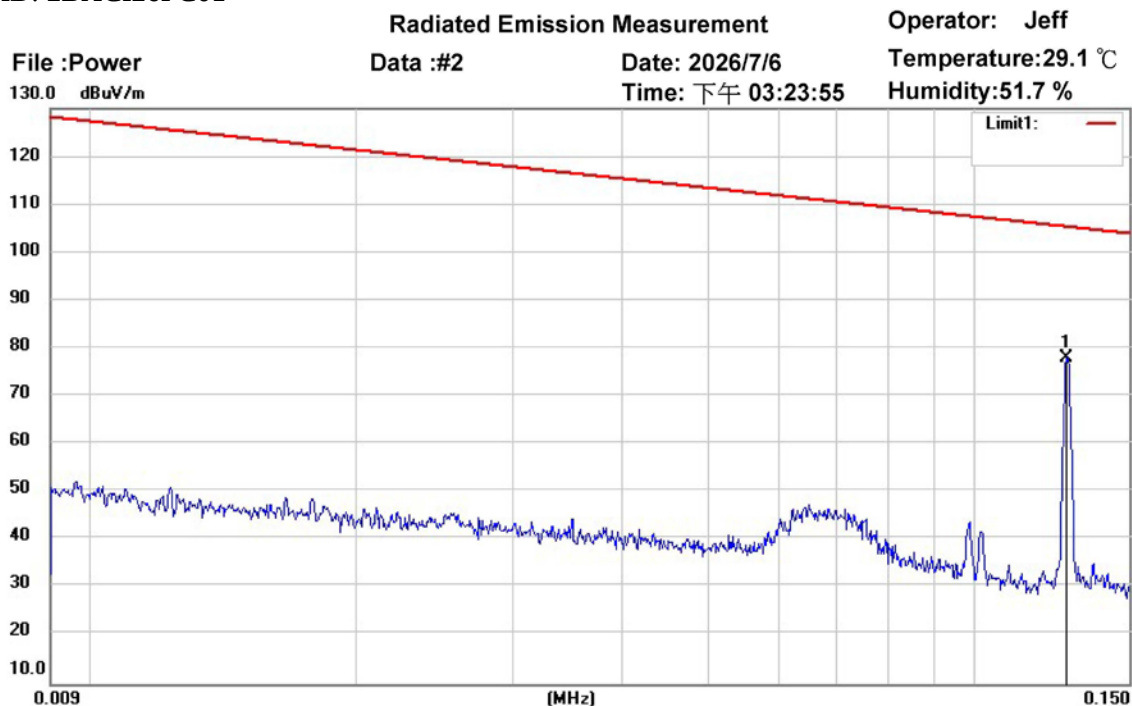
Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	0.1276	65.18	peak	18.97	84.15	105.42	100	358	-21.27	



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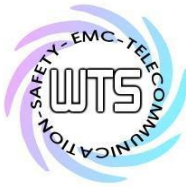
Registration number: W6M22606-25210-C-1
FCC ID: 2BXCI26PC01



Site : 966A Chamber
Condition : FCC_15.209 RE (9k-30M) (3M)
EUT : W6M22606-25210
M/N:
Test Mode : TX 127.5kHz
Note :

Polarization: 90
Power : 120 Va.c.
Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	0.1274	58.93	peak	18.97	77.90	105.43	100	360	-27.53	

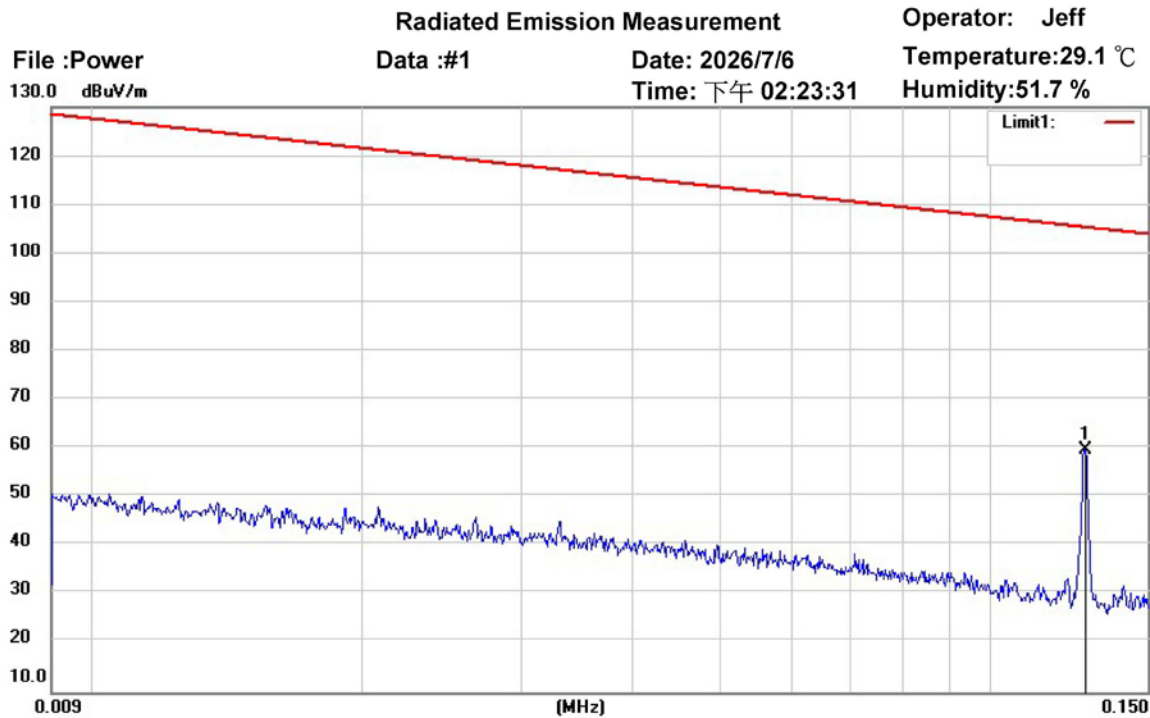


Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22606-25210-C-1

FCC ID: 2BXC126PC01

5W



Site : 966A Chamber

Condition : FCC_15.209 RE (9k-30M) (3M)

EUT : W6M22606-25210

M/N:

Test Mode : TX 128.7kHz

Note :

Polarization: 0

Power : 3.85 Vd.c.

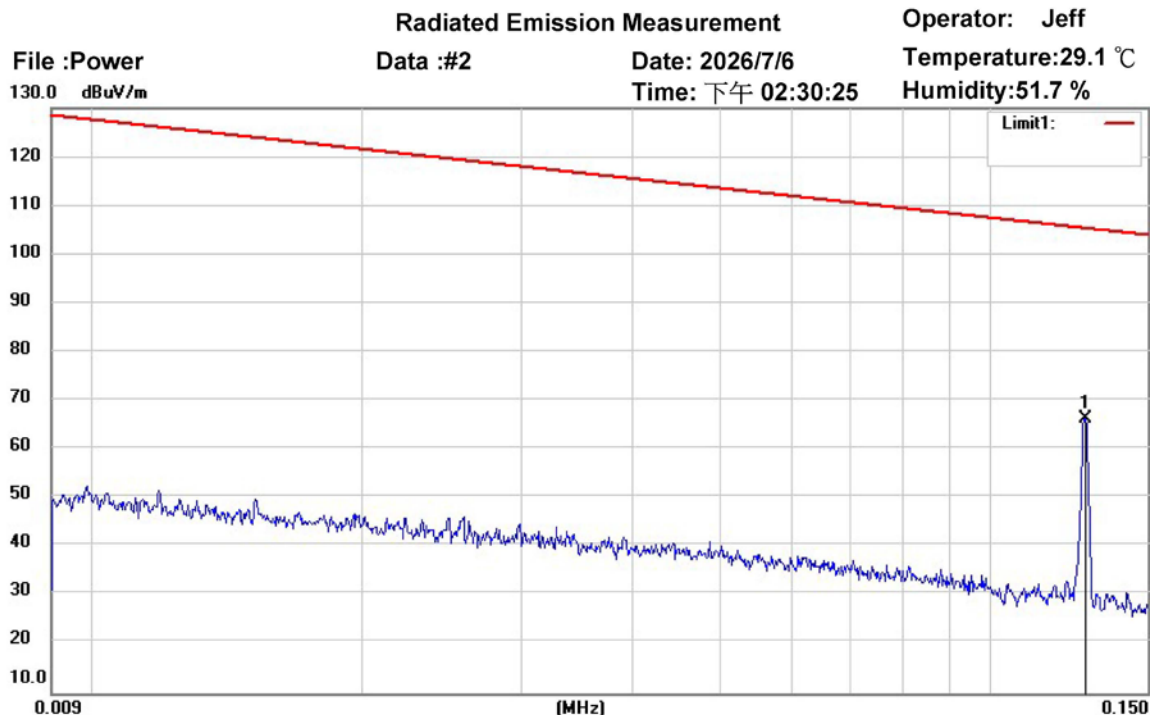
Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	0.1276	40.54	peak	18.97	59.51	105.48	100	296	-45.97	



Worldwide Testing Services(Taiwan) Co., Ltd.

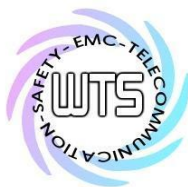
Registration number: W6M22606-25210-C-1
FCC ID: 2BXCI26PC01



Site : 966A Chamber
Condition : FCC_15.209 RE (9k-30M) (3M)
EUT : W6M22606-25210
M/N:
Test Mode : TX 128.7kHz
Note :

Polarization: 90
Power : 3.85 Vd.c.
Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	0.1276	47.21	peak	18.97	66.18	105.48	100	268	-39.30	

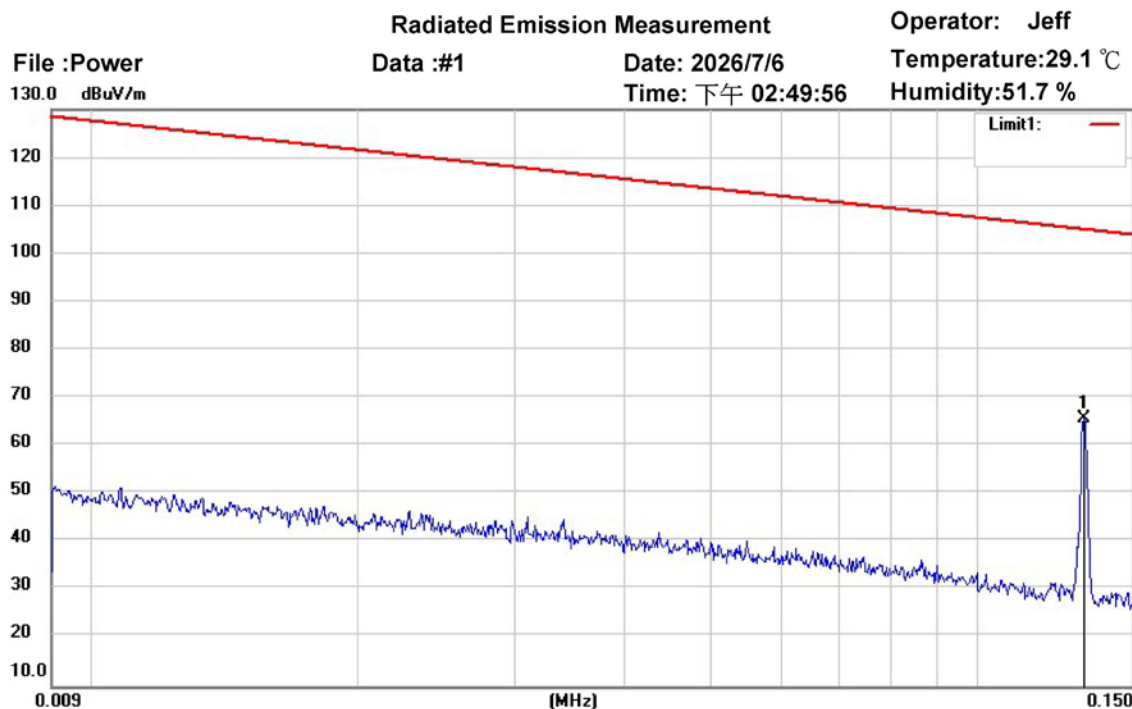


Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22606-25210-C-1

FCC ID: 2BXCI26PC01

15W



Site : 966A Chamber

Condition : FCC_15.209 RE (9k-30M) (3M)

EUT : W6M22606-25210

M/N:

Test Mode : TX 132.8kHz

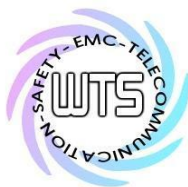
Note :

Polarization: 0

Power : 3.85 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	0.1320	46.54	peak	18.98	65.52	105.19	100	270	-39.67	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22606-25210-C-1
FCC ID: 2BXC126PC01

Radiated Emission Measurement

Operator: Jeff

File :Power

Data :#2

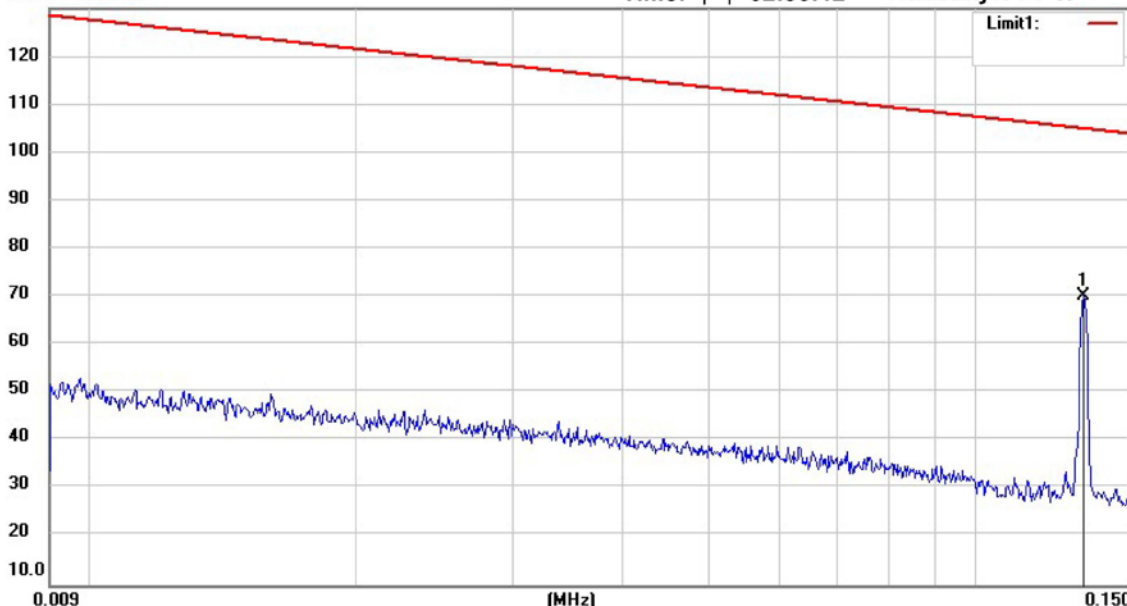
Date: 2026/7/6

Temperature:29.1 °C

130.0 dBuV/m

Time: 下午 02:56:12

Humidity:51.7 %



Site : 966A Chamber

Condition : FCC_15.209 RE (9k-30M) (3M)

EUT : W6M22606-25210

M/N:

Test Mode : TX 132.8kHz

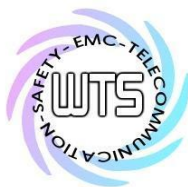
Note :

Polarization: 90

Power : 3.85 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	0.1327	51.13	peak	18.98	70.11	105.14	100	245	-35.03	

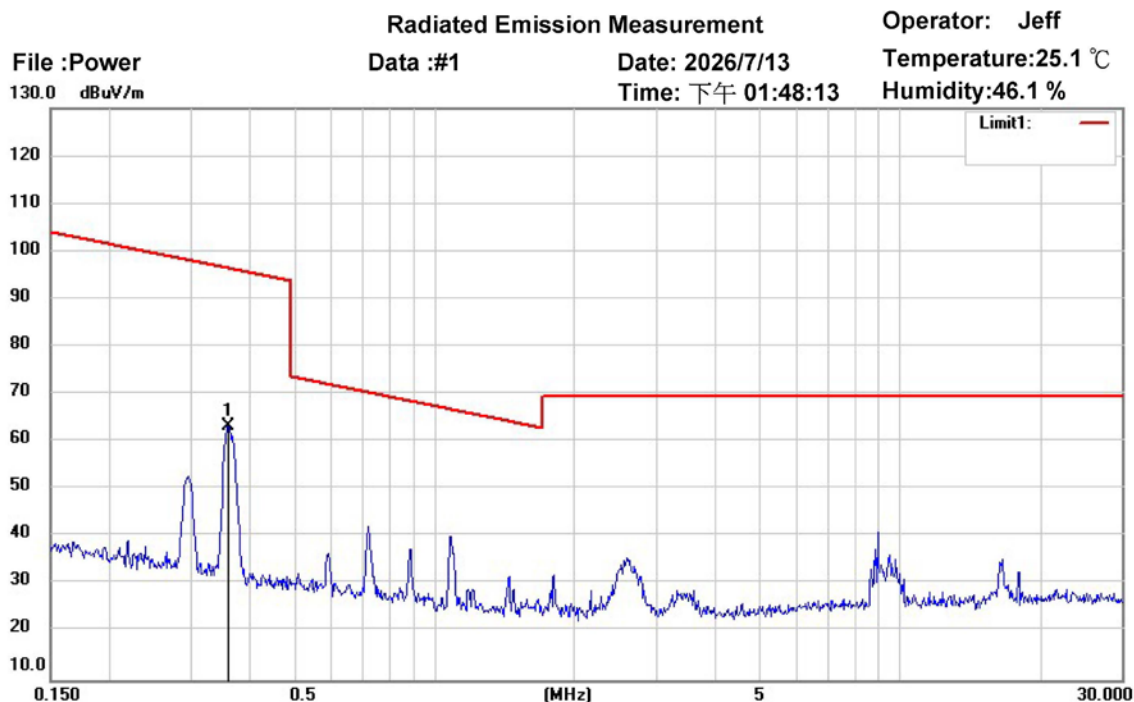


Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22606-25210-C-1

FCC ID: 2BXCI26PC01

25W



Site : 966A Chamber

Condition : FCC_15.209 RE (9k-30M) (3M)

EUT : W6M22606-25210

M/N:

Test Mode : TX 357kHz

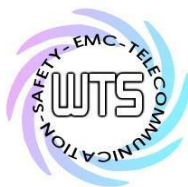
Note :

Polarization: 0

Power : 3.85 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	0.3613	43.96	peak	19.41	63.37	96.45	100	310	-33.08	



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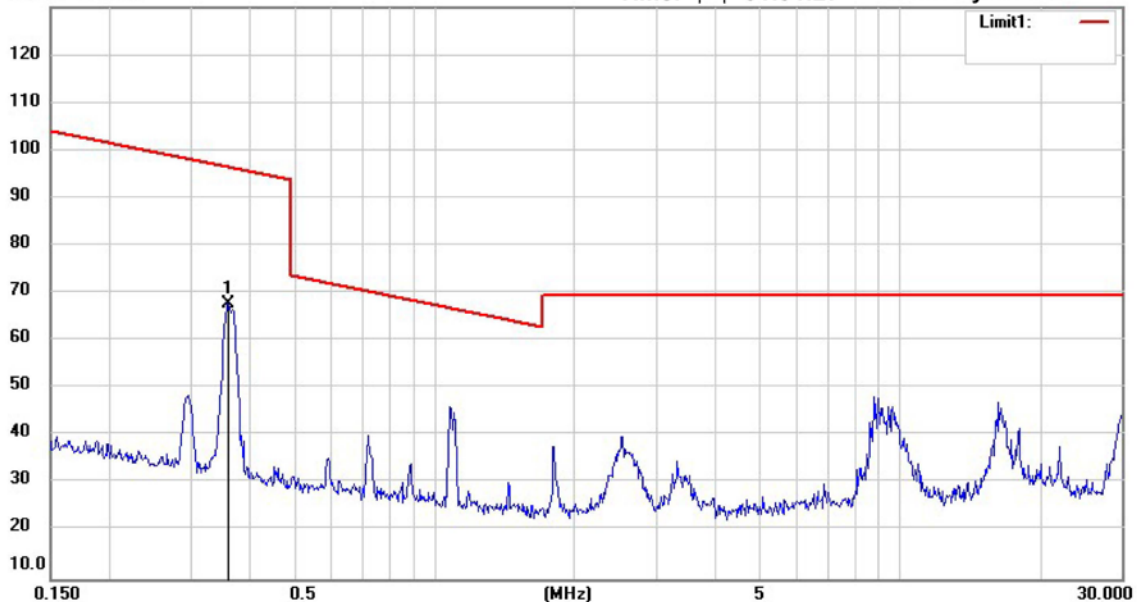
Radiated Emission Measurement

Operator: Jeff
Temperature: 25.1 °C
Humidity: 46.1 %

File :Power
130.0 dBuV/m

Data :#2

Date: 2026/7/13
Time: 下午 01:51:27



Site : 966A Chamber
Condition : FCC_15.209 RE (9k-30M) (3M)
EUT : W6M22606-25210
M/N:
Test Mode : TX 357kHz
Note :

Polarization: 90
Power : 3.85 Vd.c.
Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	0.3613	48.28	peak	19.41	67.69	96.45	100	280	-28.76	

Limits: 15.209

Frequency of Emission (MHz)	Field Strength of Fundamental Limit uV/m	Measurement distance
0.009 – 0.490	$2400 / f$ (KHz)	300
0.49 – 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

The test was performed in the anechoic chamber at 3 meter test distance, i.e. the distance between measuring antenna and EUT boundary. The results were extrapolated by using the square of an inverse linear distance factor DF:



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DF (distance factor) = $40 \log (D_1/D_2) = 80 \text{ dB}$, where

D_1 is the 300 meter specified measurement distance,

D_2 is the 3 meter test measurement distance.

For 127.5 kHz frequency the calculated limit is:

$$\text{Limit}_{3\text{m}} = \text{Limit}_{300\text{m}} + \text{DF} = 25.42 \text{ dBuV/m} + 80 \text{ dB} = 105.42 \text{ dBuV/m}$$

$$\text{Limit}_{3\text{m}} = \text{Limit}_{300\text{m}} + \text{DF} = 25.43 \text{ dBuV/m} + 80 \text{ dB} = 105.43 \text{ dBuV/m}$$

For 128.7 kHz frequency the calculated limit is:

$$\text{Limit}_{3\text{m}} = \text{Limit}_{300\text{m}} + \text{DF} = 25.48 \text{ dBuV/m} + 80 \text{ dB} = 105.48 \text{ dBuV/m}$$

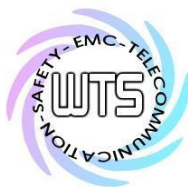
For 132.8 kHz frequency the calculated limit is:

$$\text{Limit}_{3\text{m}} = \text{Limit}_{300\text{m}} + \text{DF} = 25.19 \text{ dBuV/m} + 80 \text{ dB} = 105.19 \text{ dBuV/m}$$

$$\text{Limit}_{3\text{m}} = \text{Limit}_{300\text{m}} + \text{DF} = 25.14 \text{ dBuV/m} + 80 \text{ dB} = 105.14 \text{ dBuV/m}$$

For 357 kHz frequency the calculated limit is:

$$\text{Limit}_{3\text{m}} = \text{Limit}_{300\text{m}} + \text{DF} = 16.45 \text{ dBuV/m} + 80 \text{ dB} = 96.45 \text{ dBuV/m}$$



Registration number: W6M22606-25210-C-1

FCC ID: 2BXCI26PC01

3.2 Spurious Emissions radiated – Transmitter operating

FCC Rules: 15.209

The field strength of any emission appearing outside of the specific band shall not exceed the general radiated emission limits in 15.209.

Note

1. **Correction Factor = Antenna factor + Cable loss - Preamplifier**
2. **The formula of measured value as: Test Result = Reading + Correction Factor**
3. **Detector function in the form : PK = Peak, QP = Quasi Peak, AV = Average**
4. **All not in the table noted test results are more than 20 dB below the relevant limits.**
5. **See attached diagrams in the Appendix.**

All other not noted test plots do not contain significant test results in relation to the limits.

TEST RESULT (Transmitter): The unit DOES meet the FCC requirements.

Limits: 15.209

Frequency of Emission (MHz)	Field Strength of Fundamental Limit uV/m	Measurement distance
0.009 – 0.490	2400 / f (KHz)	300
0.49 – 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

* In the emission table above, the tighter limit applies at the band edges.

The test was performed in the anechoic chamber at 3 meter test distance, i.e. the distance between measuring antenna and EUT boundary. The results were extrapolated by using the square of an inverse linear distance factor DF:

$$DF = 40 \log (D_1/D_2) = 80 \text{ dB, where}$$

For D_1 is the 300 meter specified measurement distance.

D_2 is the 3 meter test measurement distance.

The DF = 80 dB was applied for limit calculation at 3 meter test distance measurements.

For D_1 is the 30 meter specified measurement distance.

D_2 is the 3 meter test measurement distance.

The DF = 40 dB was applied for limit calculation at 3 meter test distance measurements.



Worldwide Testing Services(Taiwan) Co., Ltd.

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If the frequency between 9 – 490 kHz,

Limit = $20\log(2400/f(\text{kHz})) + 80$

If the frequency between 490 – 1705 kHz,

Limit = $20\log(2400/f(\text{kHz})) + 40$

If the frequency between 1705 – 30000 kHz,

Limit = $20\log 30 + 40$

For 127.5 kHz frequency the calculated limit is:

Limit_{3m} = Limit_{300m} + DF = 25.42 dBuV/m + 80 dB = 105.42 dBuV/m

Limit_{3m} = Limit_{300m} + DF = 25.43 dBuV/m + 80 dB = 105.43 dBuV/m

For 128.7 kHz frequency the calculated limit is:

Limit_{3m} = Limit_{300m} + DF = 25.48 dBuV/m + 80 dB = 105.48 dBuV/m

For 132.8 kHz frequency the calculated limit is:

Limit_{3m} = Limit_{300m} + DF = 25.19 dBuV/m + 80 dB = 105.19 dBuV/m

Limit_{3m} = Limit_{300m} + DF = 25.14 dBuV/m + 80 dB = 105.14 dBuV/m

For 357 kHz frequency the calculated limit is:

Limit_{3m} = Limit_{300m} + DF = 16.45 dBuV/m + 80 dB = 96.45 dBuV/m



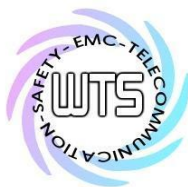
Registration number: W6M22606-25210-C-1
FCC ID: 2BXC126PC01

3.3 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 Sections 15.211, 15.213, 15.217, 15.219, or 15.221. 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 Section 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.

Explanation: This antenna is Loop antenna which passes antenna requirement.

The equipment meets the requirements	yes ☒	no ☐
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Registration number: W6M22606-25210-C-1

FCC ID: 2BXC126PC01

3.4 Radiated Emissions from Receiver Section of Receiver Part

For the frequency from 9 kHz to 30 MHz:

FCC Rule: 15.209

The field strength of any emission appearing outside of the specific band shall not exceed the general radiated emission limits in 15.209.

Frequency of Emission (MHz)	Field Strength of Fundamental Limit uV/m	Measurement distance
0.009 – 0.490	2400 / f (KHz)	300
0.49 – 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

* In the emission table above, the tighter limit applies at the band edges.

Note: The above field strength limits are specified at a distance of 3 meters.

The test was performed in the anechoic chamber at 3 meter test distance, i.e. the distance between measuring antenna and EUT boundary. The results were extrapolated by using the square of an inverse linear distance factor DF:

$$DF = 40 \log (D_1/D_2) = 80 \text{ dB, where}$$

For D_1 is the 300 meter specified measurement distance.

D_2 is the 3 meter test measurement distance.

The DF = 80 dB was applied for limit calculation at 3 meter test distance measurements.

For D_1 is the 30 meter specified measurement distance.

D_2 is the 3 meter test measurement distance.

The DF = 40 dB was applied for limit calculation at 3 meter test distance measurements.

If the frequency between 9 – 490 kHz, limit = $20\log(2400/f(\text{kHz})) + 80$

If the frequency between 490 – 1705 kHz, limit = $20\log(2400/f(\text{kHz})) + 40$

If the frequency between 1705 – 30000 kHz, limit = $20\log 30 + 40$

For 128.7 kHz frequency the calculated limit is:

$$\text{Limit}_{3m} = \text{Limit}_{300m} + DF = 25.48 \text{ dBuV/m} + 80 \text{ dB} = 105.48 \text{ dBuV/m}$$

For 127.5 kHz frequency the calculated limit is:

$$\text{Limit}_{3m} = \text{Limit}_{300m} + DF = 25.42 \text{ dBuV/m} + 80 \text{ dB} = 105.42 \text{ dBuV/m}$$

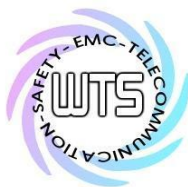
For 132.8 kHz frequency the calculated limit is:

$$\text{Limit}_{3m} = \text{Limit}_{300m} + DF = 25.19 \text{ dBuV/m} + 80 \text{ dB} = 105.19 \text{ dBuV/m}$$

For 357 kHz frequency the calculated limit is:

$$\text{Limit}_{3m} = \text{Limit}_{300m} + DF = 16.45 \text{ dBuV/m} + 80 \text{ dB} = 96.45 \text{ dBuV/m}$$

Explanation: See attached diagrams in appendix



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For the frequency from 30 MHz to 1000 MHz.:

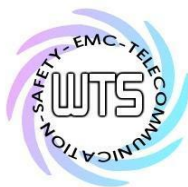
FCC Rule: 15.109

Except for Class A digital devices, the field strength of radiated emissions from unintentional radiators at a distance of 3 meters shall not exceed the following values:

Frequency of Emission (MHz)	Field Strength (microvolts/meter)	Field Strength (dBmicrovolts/meter)
30 – 88	100	40.0
88 – 216	150	43.5
216 – 960	200	46.0
Above 960	500	54.0

Note

- 1. Correction Factor = Antenna factor + Cable loss - Preamplifier**
- 2. The formula of measured value as: Test Result = Reading + Correction Factor**
- 3. Detector function in the form : PK = Peak, QP = Quasi Peak, AV = Average**
- 4. All not in the table noted test results are more than 20 dB below the relevant limits.**
- 5. See attached diagrams in appendix**



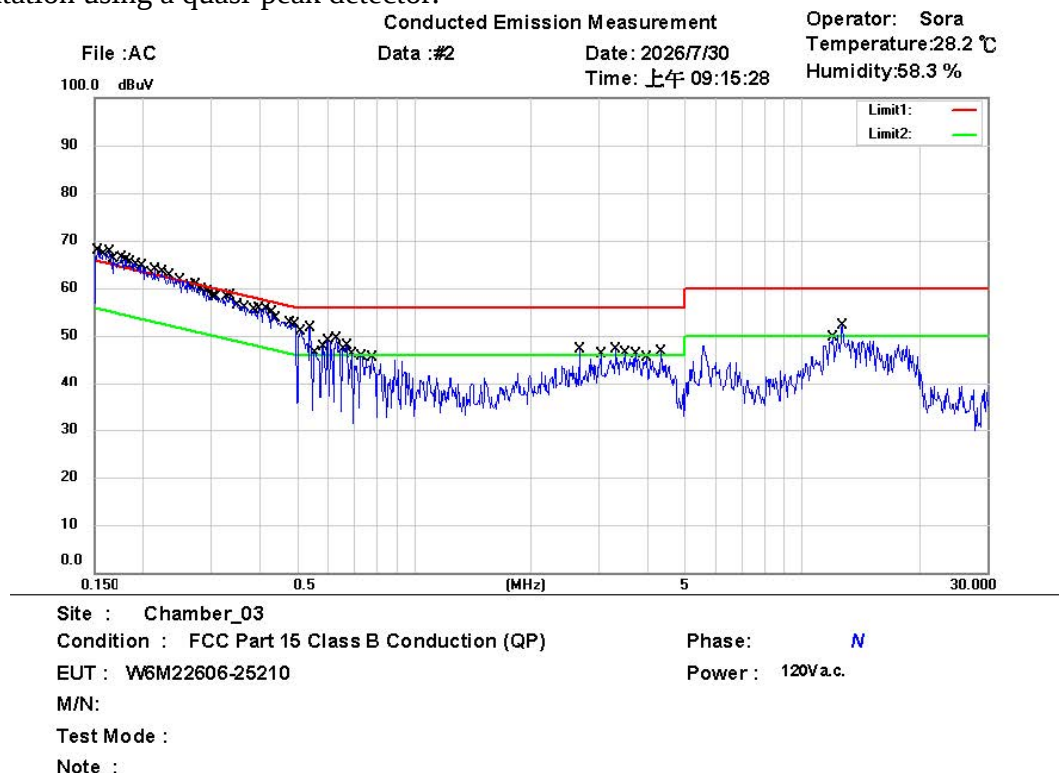
Registration number: W6M22606-25210-C-1

FCC ID: 2BXC126PC01

3.5 Power Line Conducted Emission

For an intentional radiator which is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the table bellows with this provision shall be based on the measurement of the radio frequency voltage between each power line and ground at the power terminals.

This measurement was transact first with instrumentation using an average and peak detector and a 10 kHz bandwidth. If the peak detector achieves a calculated level, the measurement is repeated by an instrumentation using a quasi-peak detector.



Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Comment
*	0.1522	46.79	QP	9.98	56.77	65.88	-9.11	
	0.1522	24.78	AVG	9.98	34.76	55.88	-21.12	
	0.1582	46.16	QP	9.99	56.15	65.56	-9.41	
	0.1645	46.06	QP	10.00	56.06	65.23	-9.17	
	0.1645	23.17	AVG	10.00	33.17	55.23	-22.06	
	0.1684	45.92	QP	10.00	55.92	65.04	-9.12	
	0.1684	22.75	AVG	10.00	32.75	55.04	-22.29	
	0.1750	45.48	QP	10.01	55.49	64.72	-9.23	
	0.1750	22.22	AVG	10.01	32.23	54.72	-22.49	
	0.1826	45.00	QP	10.02	55.02	64.37	-9.35	
	0.1826	21.80	AVG	10.02	31.82	54.37	-22.55	
	0.1860	44.90	QP	10.02	54.92	64.21	-9.29	
	0.1860	21.99	AVG	10.02	32.01	54.21	-22.20	
	0.1943	44.23	QP	10.03	54.26	63.85	-9.59	
	0.1943	23.86	AVG	10.03	33.89	53.85	-19.96	
	0.1987	43.95	QP	10.04	53.99	63.66	-9.67	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22606-25210-C-1

FCC ID: 2BXC126PC01

Site : Chamber_03

Condition : FCC Part 15 Class B Conduction (QP)

Phase: **N**

EUT : W6M22606-25210

Power : 120Va.c.

M/N:

Test Mode :

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Comment
	0.1987	20.69	AVG	10.04	30.73	53.66	-22.93	
	0.2080	43.39	QP	10.04	53.43	63.28	-9.85	
	0.2080	19.17	AVG	10.04	29.21	53.28	-24.07	
	0.2160	42.91	QP	10.04	52.95	62.97	-10.02	
	0.2160	18.22	AVG	10.04	28.26	52.97	-24.71	
	0.2267	42.41	QP	10.04	52.45	62.57	-10.12	
	0.2267	19.65	AVG	10.04	29.69	52.57	-22.88	
	0.2347	41.99	QP	10.04	52.03	62.28	-10.25	
	0.2347	19.00	AVG	10.04	29.04	52.28	-23.24	
	0.2501	41.22	QP	10.04	51.26	61.75	-10.49	
	0.2501	18.46	AVG	10.04	28.50	51.75	-23.25	
	0.2662	40.37	QP	10.04	50.41	61.24	-10.83	
	0.2662	14.93	AVG	10.04	24.97	51.24	-26.27	
	0.2760	39.79	QP	10.04	49.83	60.94	-11.11	
	0.2760	13.26	AVG	10.04	23.30	50.94	-27.64	
	0.2855	39.45	QP	10.04	49.49	60.65	-11.16	
	0.2855	13.34	AVG	10.04	23.38	50.65	-27.27	
	0.2965	38.77	QP	10.04	48.81	60.34	-11.53	
	0.2965	14.10	AVG	10.04	24.14	50.34	-26.20	
	0.3040	38.49	QP	10.03	48.52	60.13	-11.61	
	0.3040	15.78	AVG	10.03	25.81	50.13	-24.32	
	0.3110	38.23	QP	10.03	48.26	59.94	-11.68	
	0.3110	17.37	AVG	10.03	27.40	49.94	-22.54	
	0.3287	37.71	QP	10.03	47.74	59.48	-11.74	
	0.3287	17.77	AVG	10.03	27.80	49.48	-21.68	
	0.3395	37.13	QP	10.03	47.16	59.22	-12.06	
	0.3395	14.94	AVG	10.03	24.97	49.22	-24.25	
	0.3551	36.35	QP	10.03	46.38	58.84	-12.46	
	0.3551	11.93	AVG	10.03	21.96	48.84	-26.88	
	0.3677	35.83	QP	10.03	45.86	58.55	-12.69	
	0.3677	13.51	AVG	10.03	23.54	48.55	-25.01	
	0.3857	35.19	QP	10.03	45.22	58.16	-12.94	
	0.3857	17.73	AVG	10.03	27.76	48.16	-20.40	
	0.4004	34.77	QP	10.03	44.80	57.85	-13.05	
	0.4004	16.93	AVG	10.03	26.96	47.85	-20.89	
	0.4181	34.33	QP	10.03	44.36	57.49	-13.13	
	0.4181	13.16	AVG	10.03	23.19	47.49	-24.30	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22606-25210-C-1

FCC ID: 2BXC126PC01

Site : Chamber_03

Condition : FCC Part 15 Class B Conduction (QP)

Phase: **N**

EUT : W6M22606-25210

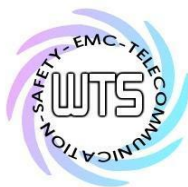
Power : 120Va.c.

M/N:

Test Mode :

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Comment
	0.4277	33.74	QP	10.03	43.77	57.30	-13.53	
	0.4277	12.48	AVG	10.03	22.51	47.30	-24.79	
	0.4442	33.13	QP	10.03	43.16	56.98	-13.82	
	0.4442	12.66	AVG	10.03	22.69	46.98	-24.29	
	0.4722	32.27	QP	10.03	42.30	56.48	-14.18	
	0.4722	12.17	AVG	10.03	22.20	46.48	-24.28	
	0.4940	31.62	QP	10.03	41.65	56.10	-14.45	
	0.4940	13.34	AVG	10.03	23.37	46.10	-22.73	
	0.5135	31.23	QP	10.03	41.26	56.00	-14.74	
	0.5135	18.04	AVG	10.03	28.07	46.00	-17.93	
	0.5382	30.21	QP	10.03	40.24	56.00	-15.76	
	0.5382	14.54	AVG	10.03	24.57	46.00	-21.43	
	0.5540	30.04	QP	10.04	40.08	56.00	-15.92	
	0.5540	13.19	AVG	10.04	23.23	46.00	-22.77	
	0.5877	28.99	QP	10.04	39.03	56.00	-16.97	
	0.5877	11.34	AVG	10.04	21.38	46.00	-24.62	
	0.5990	28.78	QP	10.04	38.82	56.00	-17.18	
	0.5990	11.63	AVG	10.04	21.67	46.00	-24.33	
	0.6305	28.05	QP	10.04	38.09	56.00	-17.91	
	0.6305	12.65	AVG	10.04	22.69	46.00	-23.31	
	0.6552	27.55	QP	10.04	37.59	56.00	-18.41	
	0.6552	12.12	AVG	10.04	22.16	46.00	-23.84	
	0.6687	27.16	QP	10.04	37.20	56.00	-18.80	
	0.6687	10.05	AVG	10.04	20.09	46.00	-25.91	
	0.6912	26.45	QP	10.04	36.49	56.00	-19.51	
	0.6912	8.02	AVG	10.04	18.06	46.00	-27.94	
	0.7295	25.87	QP	10.04	35.91	56.00	-20.09	
	0.7295	9.39	AVG	10.04	19.43	46.00	-26.57	
	0.7790	24.72	QP	10.04	34.76	56.00	-21.24	
	0.7790	10.25	AVG	10.04	20.29	46.00	-25.71	
	2.6758	30.22	QP	10.14	40.36	56.00	-15.64	
	2.6758	24.04	AVG	10.14	34.18	46.00	-11.82	
	3.0380	25.19	QP	10.15	35.34	56.00	-20.66	
	3.0380	17.66	AVG	10.15	27.81	46.00	-18.19	
	3.3215	25.70	QP	10.17	35.87	56.00	-20.13	
	3.3215	17.89	AVG	10.17	28.06	46.00	-17.94	
	3.4970	25.61	QP	10.18	35.79	56.00	-20.21	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22606-25210-C-1

FCC ID: 2BXCI26PC01

Site : Chamber_03

Condition : FCC Part 15 Class B Conduction (QP)

Phase: **N**

EUT : W6M22606-25210

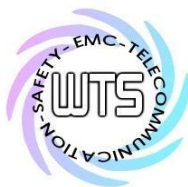
Power : 120Va.c.

M/N:

Test Mode :

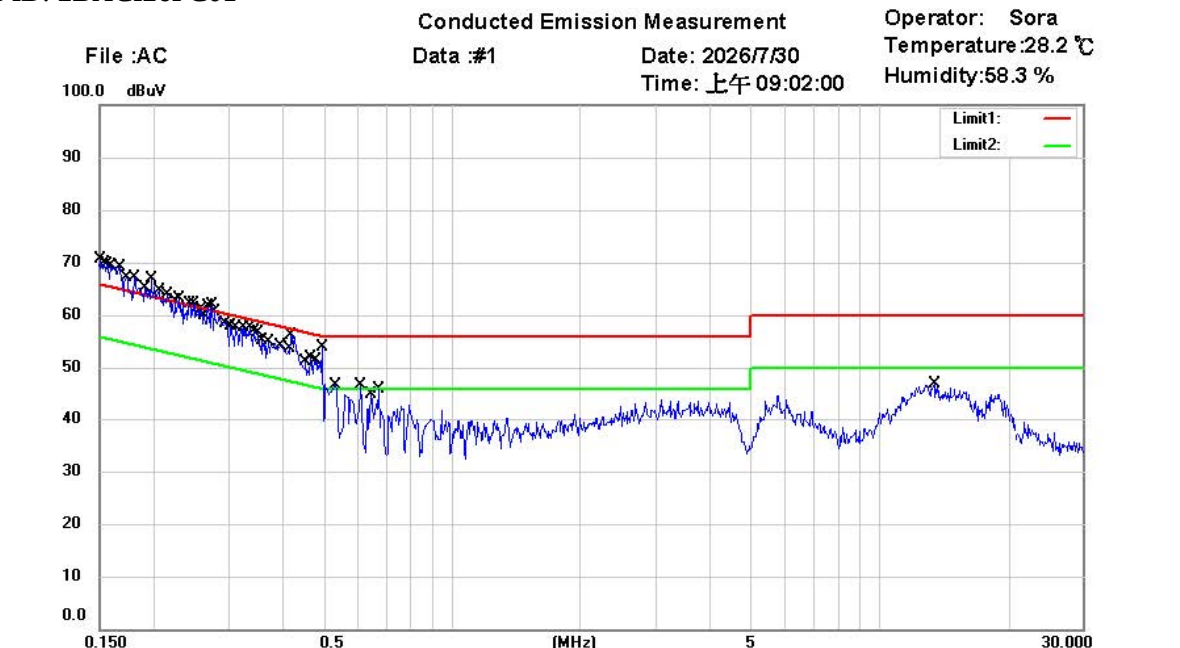
Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Comment
	3.4970	18.11	AVG	10.18	28.29	46.00	-17.71	
	3.7378	25.87	QP	10.19	36.06	56.00	-19.94	
	3.7378	18.11	AVG	10.19	28.30	46.00	-17.70	
	3.9763	25.31	QP	10.21	35.52	56.00	-20.48	
	3.9763	17.77	AVG	10.21	27.98	46.00	-18.02	
	4.3363	26.36	QP	10.23	36.59	56.00	-19.41	
	4.3363	18.87	AVG	10.23	29.10	46.00	-16.90	
	11.9875	31.53	QP	10.76	42.29	60.00	-17.71	
	11.9875	24.18	AVG	10.76	34.94	50.00	-15.06	
	12.6625	32.59	QP	10.81	43.40	60.00	-16.60	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22606-25210-C-1
FCC ID: 2BXCI26PC01



Site : Chamber_03

Condition : FCC Part 15 Class B Conduction (QP)

EUT : W6M22606-25210

M/N:

Test Mode :

Note :

Phase: L1

Power : 120V.a.c.

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Comment
±	0.1500	51.55	QP	10.00	61.55	66.00	-4.45	
	0.1500	33.00	AVG	10.00	43.00	56.00	-13.00	
	0.1540	50.63	QP	10.00	60.63	65.78	-5.15	
	0.1540	31.96	AVG	10.00	41.96	55.78	-13.82	
	0.1567	50.11	QP	10.01	60.12	65.64	-5.52	
	0.1567	31.09	AVG	10.01	41.10	55.64	-14.54	
	0.1587	49.23	QP	10.01	59.24	65.53	-6.29	
	0.1587	30.54	AVG	10.01	40.55	55.53	-14.98	
	0.1660	47.30	QP	10.02	57.32	65.16	-7.84	
	0.1660	29.25	AVG	10.02	39.27	55.16	-15.89	
	0.1724	46.42	QP	10.03	56.45	64.84	-8.39	
	0.1724	28.45	AVG	10.03	38.48	54.84	-16.36	
	0.1794	45.84	QP	10.04	55.88	64.51	-8.63	
	0.1794	28.08	AVG	10.04	38.12	54.51	-16.39	
	0.1806	45.80	QP	10.04	55.84	64.46	-8.62	
	0.1806	27.85	AVG	10.04	37.89	54.46	-16.57	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22606-25210-C-1

FCC ID: 2BXC126PC01

Site : Chamber_03

Condition : FCC Part 15 Class B Conduction (QP)

Phase: **L1**

EUT : W6M22606-25210

Power : 120Va.c.

M/N:

Test Mode :

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Comment
	0.1911	45.16	QP	10.05	55.21	63.99	-8.78	
	0.1911	29.09	AVG	10.05	39.14	53.99	-14.85	
	0.1974	44.41	QP	10.06	54.47	63.72	-9.25	
	0.1974	26.88	AVG	10.06	36.94	53.72	-16.78	
	0.2051	43.41	QP	10.06	53.47	63.40	-9.93	
	0.2051	25.00	AVG	10.06	35.06	53.40	-18.34	
	0.2151	41.95	QP	10.06	52.01	63.01	-11.00	
	0.2151	23.56	AVG	10.06	33.62	53.01	-19.39	
	0.2223	41.25	QP	10.06	51.31	62.73	-11.42	
	0.2223	22.75	AVG	10.06	32.81	52.73	-19.92	
	0.2296	41.01	QP	10.06	51.07	62.46	-11.39	
	0.2296	23.86	AVG	10.06	33.92	52.46	-18.54	
	0.2414	40.36	QP	10.06	50.42	62.05	-11.63	
	0.2414	22.35	AVG	10.06	32.41	52.05	-19.64	
	0.2471	40.39	QP	10.06	50.45	61.85	-11.40	
	0.2471	22.40	AVG	10.06	32.46	51.85	-19.39	
	0.2573	40.27	QP	10.06	50.33	61.52	-11.19	
	0.2573	23.95	AVG	10.06	34.01	51.52	-17.51	
	0.2617	39.85	QP	10.06	49.91	61.38	-11.47	
	0.2617	20.91	AVG	10.06	30.97	51.38	-20.41	
	0.2683	39.11	QP	10.06	49.17	61.17	-12.00	
	0.2683	18.59	AVG	10.06	28.65	51.17	-22.52	
	0.2740	38.24	QP	10.06	48.30	61.00	-12.70	
	0.2740	16.57	AVG	10.06	26.63	51.00	-24.37	
	0.2774	38.04	QP	10.06	48.10	60.89	-12.79	
	0.2774	15.95	AVG	10.06	26.01	50.89	-24.88	
	0.2915	37.14	QP	10.06	47.20	60.48	-13.28	
	0.2915	15.45	AVG	10.06	25.51	50.48	-24.97	
	0.3021	36.59	QP	10.05	46.64	60.18	-13.54	
	0.3021	17.27	AVG	10.05	27.32	50.18	-22.86	
	0.3113	36.36	QP	10.05	46.41	59.94	-13.53	
	0.3113	19.82	AVG	10.05	29.87	49.94	-20.07	
	0.3240	36.12	QP	10.05	46.17	59.60	-13.43	
	0.3240	20.71	AVG	10.05	30.76	49.60	-18.84	
	0.3358	36.24	QP	10.05	46.29	59.31	-13.02	
	0.3358	17.87	AVG	10.05	27.92	49.31	-21.39	
	0.3428	35.09	QP	10.05	45.14	59.14	-14.00	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22606-25210-C-1

FCC ID: 2BXC126PC01

Site : Chamber_03

Condition : FCC Part 15 Class B Conduction (QP)

Phase: **L1**

EUT : W6M22606-25210

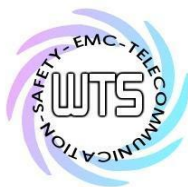
Power : 120Va.c.

M/N:

Test Mode :

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Comment
	0.3428	15.28	AVG	10.05	25.33	49.14	-23.81	
	0.3512	34.85	QP	10.05	44.90	58.93	-14.03	
	0.3512	12.69	AVG	10.05	22.74	48.93	-26.19	
	0.3591	34.11	QP	10.05	44.16	58.75	-14.59	
	0.3591	13.67	AVG	10.05	23.72	48.75	-25.03	
	0.3696	34.63	QP	10.05	44.68	58.51	-13.83	
	0.3696	15.28	AVG	10.05	25.33	48.51	-23.18	
	0.3933	34.13	QP	10.05	44.18	57.99	-13.81	
	0.3933	18.91	AVG	10.05	28.96	47.99	-19.03	
	0.4093	33.78	QP	10.05	43.83	57.66	-13.83	
	0.4093	17.09	AVG	10.05	27.14	47.66	-20.52	
	0.4193	33.04	QP	10.05	43.09	57.46	-14.37	
	0.4193	14.00	AVG	10.05	24.05	47.46	-23.41	
	0.4526	30.90	QP	10.05	40.95	56.83	-15.88	
	0.4526	13.71	AVG	10.05	23.76	46.83	-23.07	
	0.4641	30.51	QP	10.05	40.56	56.62	-16.06	
	0.4641	13.41	AVG	10.05	23.46	46.62	-23.16	
	0.4834	30.56	QP	10.05	40.61	56.28	-15.67	
	0.4834	12.67	AVG	10.05	22.72	46.28	-23.56	
	0.4956	29.47	QP	10.05	39.52	56.07	-16.55	
	0.4956	13.65	AVG	10.05	23.70	46.07	-22.37	
	0.5315	28.86	QP	10.05	38.91	56.00	-17.09	
	0.5315	15.46	AVG	10.05	25.51	46.00	-20.49	
	0.6102	26.56	QP	10.06	36.62	56.00	-19.38	
	0.6102	12.38	AVG	10.06	22.44	46.00	-23.56	
	0.6440	25.97	QP	10.06	36.03	56.00	-19.97	
	0.6440	13.40	AVG	10.06	23.46	46.00	-22.54	
	0.6710	25.64	QP	10.06	35.70	56.00	-20.30	
	0.6710	10.75	AVG	10.06	20.81	46.00	-25.19	
	13.3625	30.22	QP	10.87	41.09	60.00	-18.91	
	13.3625	23.89	AVG	10.87	34.76	50.00	-15.24	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22606-25210-C-1

FCC ID: 2BXCI26PC01

Note

- 1. The formula of measured value as: Test Result = Reading + Correction Factor**
- 2. The Correction Factor = Cable Loss + LISN Insertion Loss + Pulse Limit Loss**
- 3. Detector function in the form : PK = Peak, QP = Quasi Peak, AV = Average**
- 4. All not in the table noted test results are more than 20 dB below the relevant limits.**
- 5. Up Line: QP Limit Line, Down Line: Ave Limit Line.**

Limits:

Frequency of Emission (MHz)	Conducted Limit (dBuV)	
	Quasi Peak	Average
0.15-0.5 0.5-5 5-30	66 to 56	56 to 46
	56	46
	60	50