

Test Report

Applicant Luminys Systems Corporation

Address 15245 Alton Pkwy # 100, Irvine CA 92618

Product Name Mobile Solar Trailer

Brand Mark N/A

Model TG-113A

TG-113B, TG-113C, S75L-A/S10L-A, Serial model

S75L-A/S10L-B, S75L-A/S10L-C, ST-701, ST-1101

FCC ID 2BHII-TG113A

Report Number : BLA-EMC-202408-A0101

Date of Receipt 2024.08.02

Date of Test 2024.08.02 to 2024.09.04

Test Standard 47 CFR Part 15, Subpart C 15.247

Test Result Pass

Compiled by:

Lugh Review by: Sweets Approved by: 13/we. V

Issued Date: 2024:09

BlueAsia of Technical Services(Shenzhen) Co.,Ltd

Address: Building C, No. 107, Shihuan Road, Shiyan Sub-District, Baoan District

Shenzhen, Guangdong Province, China





Table of Contents

1	Gen	neral information	4
	1.1	General information	4
	1.2	General description of EUT	4
2	Test	t summary	5
3	Test	t Configuration	6
;	3.1	Test mode	6
;	3.2	Operation Frequency each of channel	
;	3.3	Test channel	
;	3.4	Configuration diagram of EUT	8
;	3.5	Auxiliary equipment	
;	3.6	Test environment	8
4	Lab	oratory information	9
	4.1	Laboratory and accreditations	
•	4.2	Measurement uncertainty	9
5	Test	t equipment	10
6	Tes	t result	12
(6.1	Antenna requirement	12
(6.2	Conducted Average output Power	13
(6.3	Minimum 6dB bandwidth	14
(6.4	Power spectrum density	15
(6.5	Conducted Band Edges Measurement	16
(6.6	Conducted spurious emissions	17
(6.7	Radiated spurious emissions	18
(6.8	Radiated emissions which fall in the restricted bands	29
7	Арр	pendix A	48
Ар	pendi	x B: photographs of test setup	105
Δn	pendi	x C: photographs of EUT	106





Page 3 of 132

Revise Record

Version No.	Date	Description
01	2024.09.04	Original



1 General information

1.1 General information

Applicant	Luminys Systems Corporation	
Address	15245 Alton Pkwy # 100,Irvine CA 92618	
Manufacturer	Cheng Uei Precision Industry Co., Ltd	
Address	18, Chung Shan Road, Tu Cheng Dist., New Taipei City 23680,Taiwan	
Factory	N/A	
Address	N/A	

1.2 General description of EUT

Product name	Mobile Solar Trailer			
Model no.	TG-113A			
Series model	TG-113B, TG-113C, S75L-A/S10L-A, S75L-A/S10L-B, S75L-A/S10L-C,ST-701, ST-1101			
Note	The above models are identical in PCB layout, internal structure and companents .only model no,and color is different.			
Operation Frequency:	2412MHz-2462MHz			
Operation Frequency:	802.11b/g/n(HT20): 2412MHz to 2462MHz 802.11n(HT40): 2422MHz to 2452MHz			
Modulation Type:	802.11b: DSSS (CCK, DQPSK, DBPSK) 802.11g/n: OFDM (64QAM, 16QAM, QPSK, BPSK)			
Channel Spacing:	5MHz			
Number of Channels:	802.11b/g/n(HT20):11 802.11n(HT40):7			
Antenna Type:	External antenna			
Antenna Gain:	2.7dBi (Provided by customer)			
Power supply	Input DC6~35V/0.5A~0.08A			
Test Power	DC12V			
Hardware Version	N/A			
Software Version	N/A			
Note: For a more detailed description, please refer to Specification or User's Manual supplied by				

Note: For a more detailed description, please refer to Specification or User's Manual supplied by the applicant and/or manufacturer.



2 Test summary

No.	Test item	Result	Remark
1	Antenna Requirement	Pass	
2	Conducted Emissions at AC Power Line (150kHz-30MHz)	N/A	
3	Conducted Average Output Power	Pass	
4	Minimum 6dB Bandwidth	Pass	
5	Power Spectrum Density	Pass	
6	Conducted Band Edges Measurement	Pass	
7	Conducted Spurious Emissions	Pass	
8	Radiated Spurious Emissions	Pass	
9	Radiated Emissions which fall in the restricted bands	Pass	



3 Test Configuration

3.1 Test mode

Test Mode Note 1	Description
TX Keep the EUT in continuously transmitting mode with modulation. (Duty cycle>980	
RX Keep the EUT in receiving mode	
TX Low channel Keep the EUT in continuously transmitting mode in low channel	
TX middle channel Keep the EUT in continuously transmitting mode in middle channel	
TX high channel Keep the EUT in continuously transmitting mode in high channel	

Note 1: The EUT was configured to measure its highest possible emission and/or immunity level. The test modes were adapted according to the operation manual for use; the EUT was operated in the engineering mode Note 2 to fix the TX or Rx frequency that was for the purpose of the measurements.



3.2 Operation Frequency each of channel

	Operation Frequency each of channel(802.11b/g/n HT20)						
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
1	2412MHz	5	2432MHz	9	2452MHz		
2	2417MHz	6	2437MHz	10	2457MHz		
3	2422MHz	7	2442MHz	11	2462MHz		
4	2427MHz	8	2447MHz				

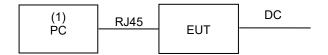
	Operation Frequency each of channel(802.11n HT40)						
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
3	2422MHz	7	2442MHz				
4	2427MHz	8	2447MHz		-		
5	2432MHz	9	2452MHz				
6	2437MHz				-		

3.3 Test channel

For 802.11b/g/n (HT20), the lowest, middle, highest channel numbers of the EUT used and tested in this report are separately 1 (2412MHz), 6 (2437MHz) and 11 (2462MHz); 802.11n HT40, the lowest, middle, highest channel numbers of the EUT used and tested in this report are separately 3 (2422MHz), 6 (2437MHz) and 9 (2452MHz).



3.4 Configuration diagram of EUT



3.5 Auxiliary equipment

Device Type	Manufacturer	Model Name	Serial No.	Remark			
(1)PC	Lenovo	E460C	N/A	From lab (No.BLA-ZC-BS-2022005)			
Note: '" mean no any auxiliary device during testing.							

3.6 Test environment

Environment	Temperature	Voltage	
Normal	25°C	DC 12V	





4 Laboratory information

4.1 Laboratory and accreditations

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

Company name:	BlueAsia of Technical Services(Shenzhen) Co., Ltd.
Address:	Building C, No. 107, Shihuan Road, Shiyan Sub-District, Baoan District, Shenzhen, Guangdong Province, China
CNAS accredited No.:	L9788
A2LA Cert. No.:	5071.01
FCC Designation No.:	CN1252
ISED CAB identifier No.:	CN0028
Telephone:	+86-755-28682673
FAX:	+86-755-28682673

4.2 Measurement uncertainty

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=1.96.

Parameter	Expanded Uncertainty
Radiated Emission(9kHz-30MHz)	±4.34dB
Radiated Emission(30Mz-1000MHz)	±4.24dB
Radiated Emission(1GHz-18GHz)	±4.68dB
AC Power Line Conducted Emission(150kHz-30MHz)	±3.45dB
Occupied Channel Bandwidth	±5 %
RF output power, conducted	±1.5 dB
Power Spectral Density, conducted	±3.0 dB
Unwanted Emissions, conducted	±3.0 dB
Temperature	±3 °C
Supply voltages	±3 %
Time	±5 %



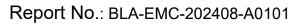
5 Test equipment

RF conducted

Equipment	Name	Model	Manufacture	S/N	Cal. Date	Due. Date
BLA-EMC-003-003	Shield room	5*3*3	SKET	N/A	2023/11/16	2025/11/15
BLA-EMC-016	Signal Generator	N5182A	Agilent	MY524205 67	2024/06/28	2025/06/27
BLA-EMC-038	Spectrum	N9020A	Agilent	MY491000 60	2024/08/08	2025/08/07
BLA-EMC-042	Power sensor	RPR3006W	DARE	14I00889S N042	2024/08/08	2025/08/07
BLA-EMC-044	Radio communication tester	CMW500	R&S	132429	2024/08/08	2025/08/07
BLA-EMC-064	Signal Generator	N5182B	KEYSIGHT	MY581088 92	2024/06/28	2025/06/27
BLA-EMC-079	Spectrum	N9020A	Agilent	MY544201 61	2024/08/08	2025/08/07
BLA-EMC-088	Audio Analyzer	ATS-1	Audio Precision	ATS141094	2024/06/28	2025/06/27

Radiated Spurious 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	2024/08/08	2025/08/07
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





Page 11 of 132

Radiated Spurious 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	2023/11/16	2025/11/15
BLA-EMC-008	Spectrum	FSP40	R&S	100817	2024/08/08	2025/08/07
BLA-EMC-012	Broadband antenna	VULB9168	Schwarzbeck	00836 P:00227	2022/10/12	2025/10/11
BLA-EMC-013	Horn Antenna	BBHA9120D	Schwarzbeck	01892	2024/06/29	2026/06/28
BLA-EMC-014	Amplifier	PA_000318G- 45	SKET	PA201804 3003	2024/08/08	2025/08/07
BLA-EMC-046	Filter bank	2.4G/5G Filter bank	SKET	N/A	2024/06/28	2025/06/27
BLA-EMC-061	Receiver	ESPI7	R&S	101477	2024/06/28	2025/06/27
BLA-EMC-066	Amplifier	LNPA_30M01 G-30	SKET	SK202106 0801	2024/06/28	2025/06/27
BLA-EMC-086	Amplifier	LNPA_18G40 G-50dB	SKET	SK202207 1301	2024/06/28	2025/06/27
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

Test Software Record:

	·			
Software No.	Software Name	Manufacture	Software version	Test site
BLA-EMC-S001	EZ-EMC	EZ	EEMC-3A1+	RE
BLA-EMC-S010	MTS 8310	MW	2.0.0.0	RF
BLA-EMC-S014	Bluetooth and WiFi Test System	Tonscend	2.5.77.0418	RF



6 Test result

6.1 Antenna requirement

Test Standard	47 CFR Part 15, Subpart C 15.247
Test Method	N/A

6.1.1 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 an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit permanently attached antenna or of a so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

EUT antenna:

The antenna is integrated on the main PCB and no consideration of replacement. The best case gain of the antenna is 2.7 dBi.



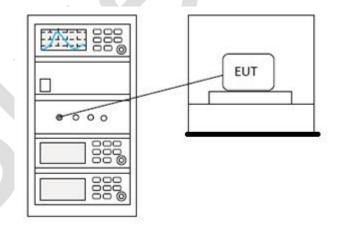
6.2 Conducted Average output Power

Test Standard	47 CFR Part 15, Subpart C 15.247
Test Method	ANSI C63.10 (2013) Section 7.8.5
Test Mode (Pre-Scan)	TX
Test Mode (Final Test)	TX

6.2.1 Limit

Frequency range(MHz)	Output power of the intentional radiator(watt)
	1 for ≥50 hopping channels
902-928	0.25 for 25≤ hopping channels <50
	1 for digital modulation
	1 for ≥75 non-overlapping hopping channels
2400-2483.5	0.125 for all other frequency hopping systems
	1 for digital modulation
5725-5850	1 for frequency hopping systems and digital modulation

6.2.2 Test setup



6.2.3 Test data

Pass: Please refer to appendix A for details



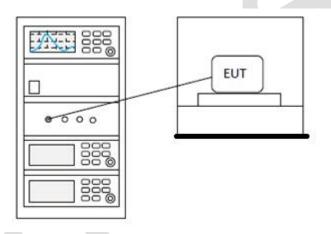
6.3 Minimum 6dB bandwidth

Test Standard	47 CFR Part 15, Subpart C 15.247
Test Method	ANSI C63.10 (2013) Section 11.8.1
Test Mode (Pre-Scan)	TX
Test Mode (Final Test)	TX

6.3.1 Limit

≥500 kHz

6.3.2 Test setup



6.3.3 Test data

Pass: Please refer to appendix A for details



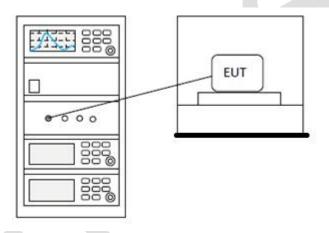
6.4 Power spectrum density

Test Standard	47 CFR Part 15, Subpart C 15.247
Test Method	ANSI C63.10 (2013) Section 11.10.2
Test Mode (Pre-Scan)	TX
Test Mode (Final Test)	TX

6.4.1 Limit

≤8dBm in any 3 kHz band during any time interval of continuous transmission

6.4.2 Test setup



6.4.3 Test data

Pass: Please refer to appendix A for details



6.5 Conducted Band Edges Measurement

Test Standard	47 CFR Part 15, Subpart C 15.247
Test Method	ANSI C63.10 (2013) Section 7.8.8 & Section 11.13.3.2
Test Mode (Pre-Scan)	TX
Test Mode (Final Test)	TX

6.5.1 Limit

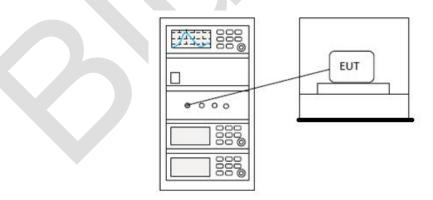
In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the 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.

If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20dB.

Attenuation below the general limits specified in §15.209(a) is not required.

In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)).

6.5.2 Test setup



6.5.3 Test data

Pass: Please refer to appendix A for details

Blue Asia of Technical Services (Shenzhen) Co., Ltd.

Tel: +86-755-23059481



6.6 Conducted spurious emissions

Test Standard	47 CFR Part 15, Subpart C 15.247
Test Method	ANSI C63.10 (2013) Section 7.8.6 & Section 11.11
Test Mode (Pre-Scan)	TX
Test Mode (Final Test)	TX

6.6.1 Limit

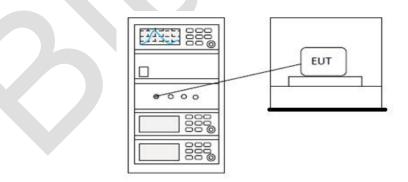
In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the 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.

If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20dB.

Attenuation below the general limits specified in §15.209(a) is not required.

In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)).

6.6.2 Test setup



6.6.3 Test data

Pass: Please refer to appendix A for details

Blue Asia of Technical Services (Shenzhen) Co., Ltd.

Tel: +86-755-23059481



6.7 Radiated spurious emissions

Test Standard	47 CFR Part 15, Subpart C 15.247
Test Method	ANSI C63.10 (2013) Section 6.4,6.5,6.6
Test Mode (Pre-Scan)	TX
Test Mode (Final Test)	TX

6.7.1 Limit

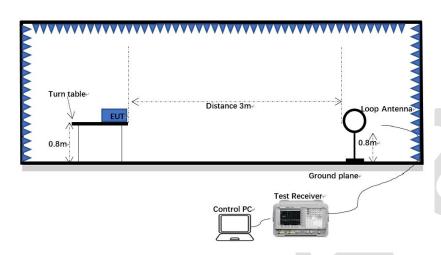
Frequency(MHz)	Field strength(microvolts/meter)	Measurement distance(meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

Remark: The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90kHz, 110-490kHz and above 1000MHz. Radiated emission limits in these three bands are based on measurements employing an average detector, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation.

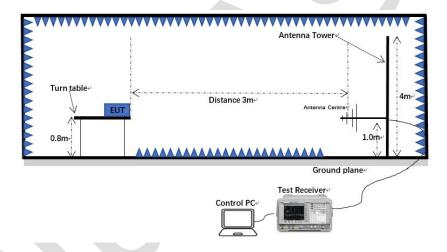


6.7.2 Test setup

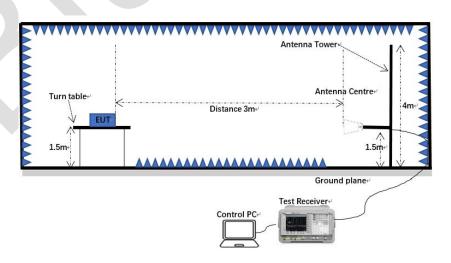
Below 1GHz:



30MHz-1GHz:



Above 1GHz:



Blue Asia of Technical Services (Shenzhen) Co., Ltd.

Tel: +86-755-23059481



6.7.3 Procedure

- a) For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 or 10 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b) For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- c) The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- d) The antenna height 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.
- e) 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 (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- f) The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- g) If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.
- h) Test the EUT in the lowest channel, the middle channel, the highest channel.
- i) The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.
- j) Repeat above procedures until all frequencies measured was complete.

Note 1: Scan from 9 kHz to 25GHz, the disturbance above 12.75GHz and below 30MHz was very low. The points marked on above plots are the highest emissions could be found when testing, so only above points had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported. Fundamental frequency is blocked by filter, and only spurious emission is shown.

Note 2: For frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. For the emissions whose peak level is lower than the average limit, only the peak measurement is shown in the report.

Note 3: The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:

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

Blue Asia of Technical Services (Shenzhen) Co., Ltd.

Temperature:

Humidity:

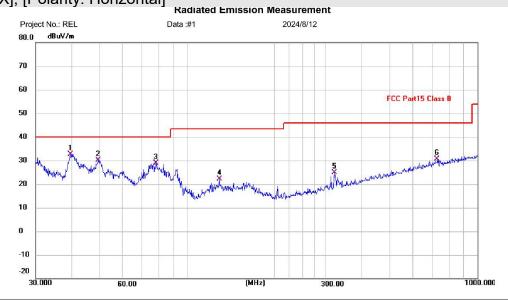
(C)



6.7.4 Test data

Below 1GHz

[Test mode: TX]; [Polarity: Horizontal]



Polarization: Horizontal

Site Limit: FCC Part15 Class B EUT: Mobile Solar Trailer

M/N: TG-113A

Mode: 2.4GWIFI-11b-TX

Note:

. 45	20	9	0		106	100	9		
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1 *	39.5757	13.29	19.30	32.59	40.00	-7.41	QP	Р	
2	49.3594	10.31	19.81	30.12	40.00	-9.88	QP	Р	
3	78.1389	13.23	15.58	28.81	40.00	-11.19	QP	Р	
4	129.0146	2.92	19.23	22.15	43.50	-21.35	QP	Р	
5	321.0608	3.99	20.88	24.87	46.00	-21.13	QP	Р	
6	726.8052	1.50	29.08	30.58	46.00	-15.42	QP	Р	

Power:

Test Result: Pass

Blue Asia of Technical Services (Shenzhen) Co., Ltd.

Tel: +86-755-23059481

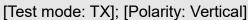
(C)

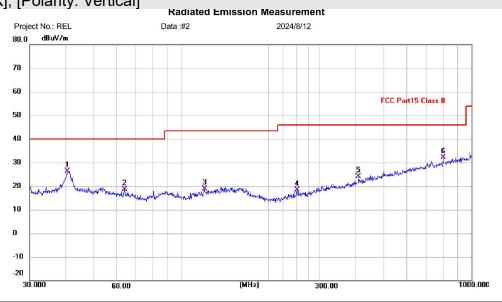
%RH

Temperature:

Humidity:







Polarization: Vertical

Limit: FCC Part15 Class B EUT: Mobile Solar Trailer

M/N: TG-113A

Mode: 2.4GWIFI-11b-TX

Note:

	20.		90	V-	100		9	100	
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1 *	40.5591	6.97	19.51	26.48	40.00	-13.52	QP	Р	
2	63.7588	0.66	17.99	18.65	40.00	-21.35	QP	Р	
3	120.2766	0.46	18.39	18.85	43.50	-24.65	QP	Р	
4	251.1804	0.05	18.38	18.43	46.00	-27.57	QP	Р	
5	408.9460	0.88	23.26	24.14	46.00	-21.86	QP	Р	
6	798.9797	2.19	30.01	32.20	46.00	-13.80	QP	Р	

Power:

Test Result: Pass

Blue Asia of Technical Services (Shenzhen) Co., Ltd.

Tel: +86-755-23059481

Humidity:

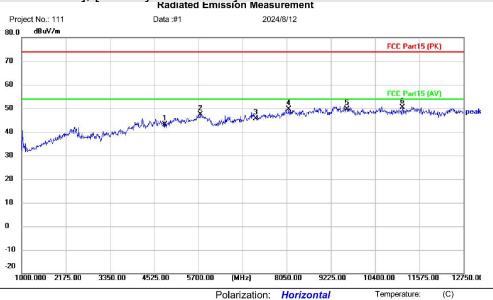
%RH



Above 1GHz:

Remark: During the test, pre-scan the 802.11b/g/n mode, and found the 802.11b mode which it is worse case.

[Test mode: TX low channel]; [Polarity: Horizontal]



Limit: FCC Part15 (PK) EUT: Mobile Solar Trailer

M/N: TG-113A

Mode: 2.4GWIFI-11b-2412

Note:

Site

No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4824.000	37.04	6.00	43.04	74.00	-30.96	peak	
2		5747.000	39.39	7.99	47.38	74.00	-26.62	peak	
3		7236.000	36.08	9.51	45.59	74.00	-28.41	peak	
4		8108.750	38.87	10.85	49.72	74.00	-24.28	peak	
5		9648.000	36.07	13.66	49.73	74.00	-24.27	peak	
6	*	11128.50	37.08	13.23	50.31	74.00	-23.69	peak	

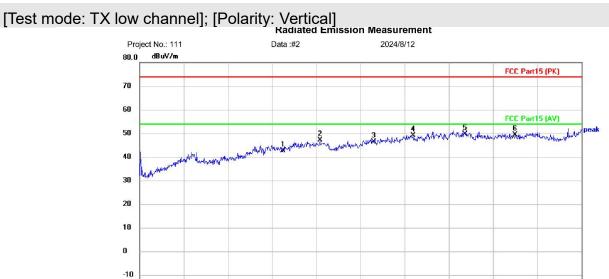
Power:

Test Result: Pass

Blue Asia of Technical Services (Shenzhen) Co., Ltd.

Tel: +86-755-23059481





-20

Limit: FCC Part15 (PK) EUT: Mobile Solar Trailer

1000.000 2175.00

3350.00

4525.00

M/N: TG-113A

Mode: 2.4GWIFI-11b-2412

Note:

00.00	(MHz)	8050.00	9225.00	10400.00	1157	5.00	12750.00
Р	olarization:	Verti	cal	Tempe	rature:	(0	C)
P	ower:			Humidi	ty:	%RH	

No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4824.000	36.56	6.00	42.56	74.00	-31.44	peak	
2		5794.000	38.24	8.83	47.07	74.00	-26.93	peak	
3		7236.000	36.79	9.51	46.30	74.00	-27.70	peak	
4		8273.250	38.61	10.52	49.13	74.00	-24.87	peak	
5	*	9648.000	36.09	13.66	49.75	74.00	-24.25	peak	
6		10987.50	36.18	13.21	49.39	74.00	-24.61	peak	

*:Maximum data Reference Only x:Over limit !:over margin FSP40 Spectrum Analyzer:

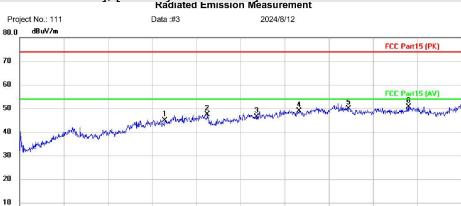
Test Result: Pass

Blue Asia of Technical Services (Shenzhen) Co., Ltd.

Tel: +86-755-23059481



[Test mode: TX middle channel]; [Polarity: Horizontal]



Site Polarization: Horizontal Temperature: (C)
Limit: FCC Part15 (PK) Power: Humidity: %RH

(MHz)

8050.00

9225.00

10400.00 11575.00 12750.00

5700.00

EUT: Mobile Solar Trailer

3350.00

4525.00

M/N: TG-113A

0 -10

Mode: 2.4GWIFI-11b-2437

Note:

No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	38.86	6.06	44.92	74.00	-29.08	peak	
2		5993.750	38.35	8.96	47.31	74.00	-26.69	peak	
3		7311.000	37.35	9.02	46.37	74.00	-27.63	peak	
4		8437.750	37.81	11.11	48.92	74.00	-25.08	peak	
5		9748.000	36.01	13.88	49.89	74.00	-24.11	peak	
6	*	11351.75	37.42	13.27	50.69	74.00	-23.31	peak	

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

Receiver: ESR_1 Spectrum Analyzer: FSP40

Test Result: Pass

Blue Asia of Technical Services (Shenzhen) Co., Ltd.

Tel: +86-755-23059481