



TEST REPORT

Reference No...... : WTD25D12332955W
FCC ID..... : ZMOSC138NA
Applicant..... : Fibocom Wireless Inc.
Address..... : 1101, Tower A, Building 6, Shenzhen International Innovation Valley,
Dashi 1st Rd, Nanshan, Shenzhen, China
Manufacturer..... : Fibocom Wireless Inc.
Address..... : 1101, Tower A, Building 6, Shenzhen International Innovation Valley,
Dashi 1st Rd, Nanshan, Shenzhen, China
Factory..... : Huizhou HYE Technology Co., Ltd.
Address..... : No.237, Sanhe group, Sanhe village, Tonghu Town, Zhongkai hi tech
Zone, Huizhou, China
Product..... : LTE Module
Model(s)..... : SC138-NA
Standards..... : FCC CFR47 Part 96
Date of Receipt sample..... : 2025-12-19
Date of Test..... : 2025-12-19 to 2025-12-24
Date of Issue..... : 2026-03-04
Test Result..... : **Pass**

Remarks:

The results shown in this test report refer only to the sample(s) tested, this test report cannot be reproduced, except in full, without prior written permission of the company. The report would be invalid without specific stamp of test institute and the signatures of compiler and approver.

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3 Revision History

Test Report No.	Date of Receipt Sample	Date of Test	Date of Issue	Purpose	Comment	Approved
WTD25D12332955W	2025-12-19	2025-12-19 to 2025-12-24	2026-03-04	Original	-	Valid

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4 General Information

4.1 General Description of E.U.T.

Product: LTE Module
 Model(s): SC138-NA
 Model Description: N/A

4.2 Details of E.U.T.

Operation Frequency: LTE Band 48:3550MHz-3700MHz
 Type of Modulation: QPSK, 16QAM, 64QAM
 Antenna installation: Integrated Antenna
 Antenna Gain: -1.44dBi

Note:

#: The antenna gain is provided by the applicant, and the applicant should be responsible for its authenticity, WALTEK lab has not verified the authenticity of its information.

Ratings: DC 13.5V

4.3 Channel List

Normal

5MHz		10MHz	
Channel	Frequency (MHz)	Channel	Frequency (MHz)
Low	3552.5	Low	3555
Middle	3625.0	Middle	3625
High	3697.5	High	3695
15MHz		20MHz	
Channel	Frequency (MHz)	Channel	Frequency (MHz)
Low	3557.5	Low	3560
Middle	3625.0	Middle	3625
High	3692.5	High	3690

4.4 Test Mode

All test mode(s) and condition(s) mentioned were considered and evaluated respectively by performing full tests, the worst data were recorded and reported.

Test Mode	Description
Transmitting Mode (QPSK)	Keep the EUT in Transmitting mode (QPSK). (5MHz, 10MHz, 15MHz, 20MHz)
Transmitting Mode (16QAM)	Keep the EUT in Transmitting mode (16QAM). (5MHz, 10MHz, 15MHz, 20MHz)
Transmitting Mode (64QAM)	Keep the EUT in Transmitting mode (64QAM). (5MHz, 10MHz, 15MHz, 20MHz)



4.5 Test Facility

The test facility has a test site registered with the following organizations:

ISED CAB identifier: CN0013. Test Firm Registration No.: 7760A.

Waltek Testing Group Co., Ltd. Has been registered and fully described in a report filed with the Industry Canada. The acceptance letter from the Industry Canada is maintained in our files.

Registration number 7760A, October 15, 2016.

FCC Designation No.: CN1201. Test Firm Registration No.: 523476.

Waltek Testing Group Co., Ltd. EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files. Registration number 523476, September 10, 2019.

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5 Test Summary

Test Items	Available Channel (MHz)	Tested Channel (MHz)	Channel Bandwidth	Modulation
Field Strength of Spurious Radiation	3552.5 to 3697.5	3552.5, 3625, 3697.5	5MHz	QPSK
	3555 to 3695	3555, 3625, 3695	10MHz	QPSK
	3557.5 to 3692.5	3557.5, 3625, 3692.5	15MHz	QPSK
	3560 to 3690	3560, 3625, 3690	20MHz	QPSK
Conducted Output Power and EIRP	3552.5 to 3697.5	3552.5, 3625, 3697.5	5MHz	QPSK, 16QAM, 64QAM
	3555 to 3695	3555, 3625, 3695	10MHz	QPSK, 16QAM, 64QAM
	3557.5 to 3692.5	3557.5, 3625, 3692.5	15MHz	QPSK, 16QAM, 64QAM
	3560 to 3690	3560, 3625, 3690	20MHz	QPSK, 16QAM, 64QAM

NOTE:

1. All supported modulation types were evaluated. The Worst case of QPSK was selected. Therefore, Field Strength of Spurious Radiation were presented under QPSK mode only.

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6 Equipment Used during Test

6.1 Equipments List

3m Semi-anechoic Chamber for Radiation Emissions Test site 1#						
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Calibration Date	Calibration Due Date
1	Spectrum Analyzer	R&S	FSP30	100091	2025-04-19	2026-04-18
2	Broad-band Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-1314	2025-08-09	2026-08-08
3	Broad-band Horn Antenna	SCHWARZBECK	BBHA 9170	335	2025-07-04	2026-07-03
4	Broadband Preamplifier	COMPLIANCE	PAP-1G18	2004	2025-07-04	2026-07-03
5	Coaxial Cable	Top	ZT26-NJ-NJ-8M/FA	-	2025-04-19	2026-04-18
6	Microwave Amplifier	SCHWARZBECK	BBV 9721	100472	2025-07-04	2026-07-03
7	Coaxial Cable	Top	ZT40-2.92J-2.92J-2.0M	17100919	2025-04-19	2026-04-18
3m Semi-anechoic Chamber for Radiation Emissions Test site 2#						
Item	Equipment	Manufacturer	Model No.	Serial No	Last Calibration Date	Calibration Due Date
1	Test Receiver	R&S	ESCI	101296	2025-04-19	2026-04-18
2	Trilog Broadband Antenna	SCHWARZBECK	VULB9160	9160-3325	2025-07-05	2026-07-04
3	Active Loop Antenna	Com-Power	AL-130R	10160007	2025-04-21	2026-04-20
4	Amplifier	ANRITSU	MH648A	M43381	2025-04-19	2026-04-18
5	Cable	HUBER+SUHNER	CBL2	525178	2025-04-19	2026-04-18



6.2 Measurement Uncertainty

Parameter	Uncertainty
Conducted Emission	± 3.64 dB(AC mains 150KHz~30MHz)
Radiated Spurious Emissions	± 5.08 dB (Bilog antenna 30M~1000MHz)
	± 5.47 dB (Horn antenna 1000M~40000MHz)
Radio Frequency	$\pm 1 \times 10^{-7}$ Hz
RF Power	± 0.42 dB
RF Power Density	± 0.7 dB
Conducted Spurious Emissions	± 2.76 dB (9kHz~26500MHz)
Confidence interval: 95%. Confidence factor:k=2	

6.3 Test Equipment Calibration

All the test equipments used are valid and calibrated by CEPREI Certification Body that address is No.110 Dongguan Zhuang RD. Guangzhou, P.R.China.

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7 Field strength of spurious radiation measurement

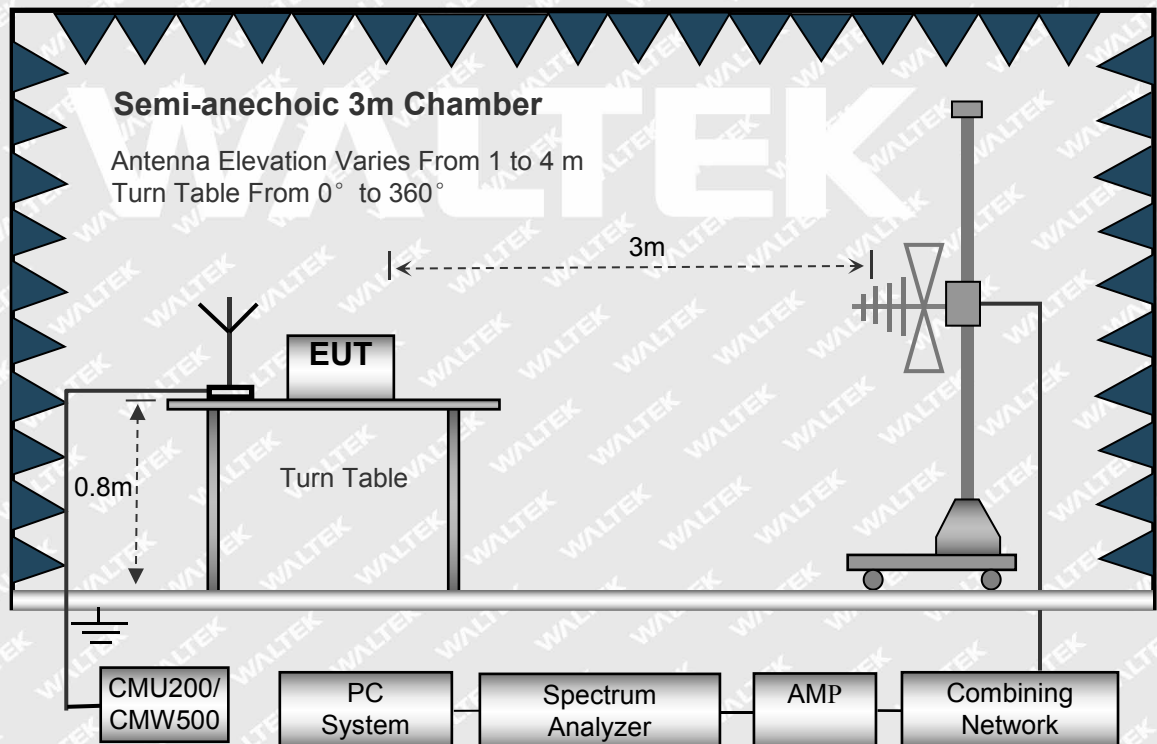
Test Requirement:	FCC part 96.41(e)
Test Method:	ANSI/TIA-603-E:2016, ANSI C63.26:2015
Test Mode:	Transmitting mode
Limit:	-40dBm

7.1 EUT Operation

Operating Environment :	
Temperature:	25.2 °C
Humidity:	52.4 % RH
Atmospheric Pressure:	101.1kPa

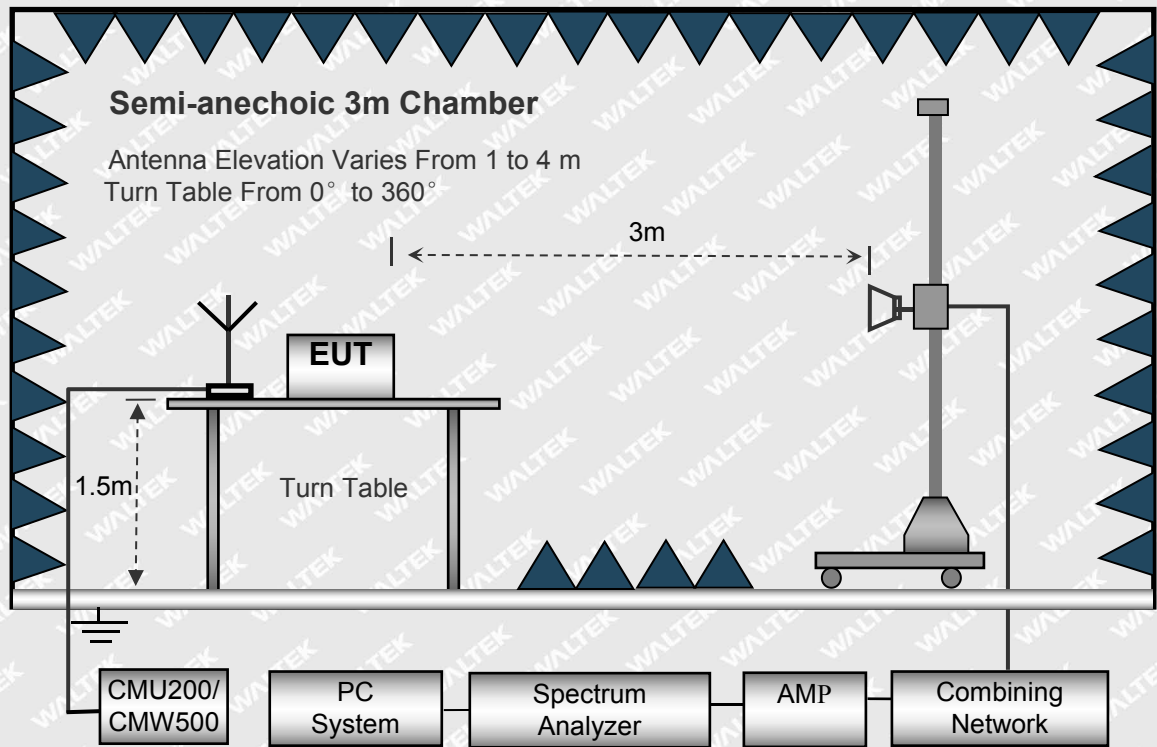
7.2 Test Setup

The radiated emission tests were performed in the 3m Semi- Anechoic Chamber test site. The test setup for emission measurement from 30 MHz to 1 GHz.





The test setup for emission measurement above 1 GHz.



7.3 Spectrum Analyzer Setup

30MHz ~ 1GHz

Sweep Speed..... Auto
Detector..... PK
Resolution Bandwidth..... 1MHz
Video Bandwidth..... 3MHz

Above 1GHz

Sweep Speed..... Auto
Detector..... PK
Resolution Bandwidth..... 1MHz
Video Bandwidth..... 3MHz



7.4 Test Procedure

1. The EUT was placed on an non-conductive turntable using a non-conductive support. The radiated emission at the fundamental frequency was measured at 3 m with a test antenna and EMI spectrum analyzer.
2. During the tests, the antenna height and the EUT azimuth were varied in order to identify the maximum level of emissions from the EUT. This maximization process was repeated with the EUT positioned in each of its three orthogonal orientations.
3. The frequency range up to tenth harmonic was investigated for each of three fundamental frequency (low, middle and high channels). Once spurious emission was identified, the power of the emission was determined using the substitution method.
4. The spurious emissions attenuation was calculated as the difference between radiated power at the fundamental frequency and the spurious emissions frequency.

$$\text{ERP / EIRP} = \text{S.G. output (dBm)} + \text{Antenna Gain(dB/dBi)} - \text{Cable Loss (dB)}$$

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7.5 Test Result

30MHz-18GHz

Remark: During the test, pre-scan the QPSK, 16QAM, 64QAM modulation, and found the QPSK modulation and 20MHz bandwidth is the worst case.

Frequency	Receiver Reading	Turn table Angle	RX Antenna		Substituted			Absolute Level	Result	
			Height	Polar	SG Level	Cable	Antenna Gain		Limit	Margin
(MHz)	(dBμV)	Degree	(m)	(H/V)	(dBm)	(dB)	(dB)	(dBm)	(dBm)	(dB)
Low channel										
385.28	45.90	258	1.6	H	-64.61	2.48	13.87	-53.22	-40.00	-13.22
385.28	42.22	279	1.7	V	-65.37	2.48	13.87	-53.98	-40.00	-13.98
7120.00	33.90	8	2.0	H	-83.15	5.34	29.40	-59.09	-40.00	-19.09
7120.00	32.88	105	1.8	V	-78.27	5.34	29.40	-54.21	-40.00	-14.21
10680.00	12.66	247	2.1	H	-96.75	6.46	32.60	-70.61	-40.00	-30.61
10680.00	20.62	223	1.5	V	-88.15	6.46	32.60	-62.01	-40.00	-22.01
Middle channel										
385.28	46.37	127	2.0	H	-64.14	2.48	13.87	-52.75	-40.00	-12.75
385.28	40.61	344	1.8	V	-66.98	2.48	13.87	-55.59	-40.00	-15.59
7250.00	29.28	28	1.5	H	-83.77	5.34	29.40	-59.71	-40.00	-19.71
7250.00	31.68	175	1.3	V	-79.47	5.34	29.40	-55.41	-40.00	-15.41
10875.00	12.03	263	1.5	H	-97.38	6.46	32.60	-71.24	-40.00	-31.24
10875.00	20.54	263	1.2	V	-88.23	6.46	32.60	-62.09	-40.00	-22.09
High channel										
385.28	46.28	93	1.4	H	-64.23	2.48	13.87	-52.84	-40.00	-12.84
385.28	40.98	219	1.9	V	-66.61	2.48	13.87	-55.22	-40.00	-15.22
7380.00	30.34	126	2.0	H	-82.30	5.34	29.40	-58.24	-40.00	-18.24
7380.00	35.75	334	1.2	V	-74.98	5.34	29.40	-50.92	-40.00	-10.92
11070.00	15.09	10	1.5	H	-94.49	6.46	32.60	-68.35	-40.00	-28.35
11070.00	23.62	256	1.6	V	-85.18	6.46	32.60	-59.04	-40.00	-19.04

Remark:

Test Frequency: 18GHz~40GHz

The measurements were more than 20 dB below the limit and not recorded.



8 Conducted Output Power and EIRP

Test Requirement: FCC part96.41(b)
 Test Method: ANSI C63.26:2015
 Test Mode: Transmitting mode
 Limit:

Device	Maximum EIRP(dBm/10MHz)
End User Device	23
Category A CBSD	30
Category B CBSD	47

8.1 EUT Operation

Operating Environment :
 Temperature: 22.4 °C
 Humidity: 52.2 % RH
 Atmospheric Pressure: 101.3kPa

8.2 Test Procedure

For Maximum EIRP

1. Connect the transmitter to the spectrum analyzer via coaxial cable while ensuring proper impedance matching.
2. Set span to 2 × to 3 × the OBW.
3. Set RBW = 1% to 5% of the OBW.
4. Set VBW ≥ 3 × RBW.
5. Set number of measurement points in sweep ≥ 2 × span / RBW.
6. Sweep time:
 - 1) Set = auto-couple, or
 - 2) Set ≥ $[10 \times (\text{number of points in sweep}) \times (\text{transmission symbol period})]$ for single sweep (automation-compatible) measurement.
7. Detector = power averaging (rms).
8. Set sweep trigger to "free run."
9. Trace average at least 100 traces in power averaging (rms) mode if sweep is set to auto-couple. To accurately determine the average power over the on and off time of the transmitter, it can be necessary to increase the number of traces to be averaged above 100, or if using a manually configured sweep time, increase the sweep time.
10. Compute power by integrating the spectrum across the OBW(10MHz) of the signal using the instrument's band or channel power measurement function with band/channel limits set equal to the OBW(10MHz) band edges.
11. Add 10 log (1/duty cycle) to the measured power level to compute the average power during continuous transmission.
12. EIRP Power:
 The testing follows ANSI C63.26-2015 Section 5.2.5.5
 According to KDB 412172 D01 Power Approach,
 $EIRP = PT + GT - LC$, where
 PT= transmitter output power in dBm
 GT=gain of the transmitting antenna in dBi
 LC = signal attenuation in the connecting cable between the transmitter and antenna in dB



8.3 Test Result

BW (MHz)	Modulation	Channel	RB Allocation		Average Power (dBm)	GT - LC (dB)	EIRP (dBm)	Limit (dBm)	Result
			Size	Offset					
5	QPSK	Low	1	0	23.58	-1.44	22.14	47.00	Pass
				13	23.65	-1.44	22.21		Pass
				24	23.63	-1.44	22.19		Pass
			12	0	22.66	-1.44	21.22		Pass
				6	22.68	-1.44	21.24		Pass
				11	22.65	-1.44	21.21		Pass
		Mid	1	0	22.69	-1.44	21.25		Pass
				0	23.88	-1.44	22.44		Pass
				13	23.90	-1.44	22.46		Pass
				24	23.76	-1.44	22.32		Pass
			12	0	22.91	-1.44	21.47		Pass
				6	22.90	-1.44	21.46		Pass
				11	22.81	-1.44	21.37		Pass
			25	0	22.86	-1.44	21.42		Pass
				0	23.32	-1.44	21.88		Pass
				13	23.37	-1.44	21.93		Pass
				24	23.30	-1.44	21.86		Pass
		High	1	0	22.31	-1.44	20.87		Pass
				6	23.39	-1.44	21.95		Pass
				11	22.36	-1.44	20.92		Pass
			25	0	22.34	-1.44	20.90		Pass
	16QAM	Low	1	0	22.96	-1.44	21.52	47.00	Pass
				13	22.98	-1.44	21.54		Pass
				24	22.98	-1.44	21.54		Pass
			12	0	21.86	-1.44	20.42		Pass
				6	21.85	-1.44	20.41		Pass
				11	21.82	-1.44	20.38		Pass
		Mid	1	0	21.80	-1.44	20.36		Pass
				0	23.16	-1.44	21.72		Pass
				13	23.18	-1.44	21.74		Pass
				24	23.10	-1.44	21.66		Pass
			12	0	22.06	-1.44	20.62		Pass
				6	22.06	-1.44	20.62		Pass
				11	21.95	-1.44	20.51		Pass
			25	0	21.98	-1.44	20.54		Pass
		High	1	0	22.65	-1.44	21.21		Pass
				13	22.75	-1.44	21.31		Pass
				24	22.70	-1.44	21.26		Pass
			12	0	21.51	-1.44	20.07		Pass
				6	21.49	-1.44	20.05		Pass
				11	21.50	-1.44	20.06		Pass
			25	0	21.52	-1.44	20.08		Pass



BW (MHz)	Modulation	Channel	RB Allocation		Average Power (dBm)	GT - LC (dB)	EIRP (dBm)	Limit (dBm)	Result
			Size	Offset					
5	64QAM	Low	1	0	21.81	-1.44	20.37	47.00	Pass
				13	21.85	-1.44	20.41		Pass
				24	21.79	-1.44	20.35		Pass
			12	0	20.89	-1.44	19.45		Pass
				6	20.91	-1.44	19.47		Pass
				11	20.83	-1.44	19.39		Pass
			25	0	20.89	-1.44	19.45		Pass
		Mid	1	0	22.00	-1.44	20.56		Pass
				13	21.98	-1.44	20.54		Pass
				24	21.93	-1.44	20.49		Pass
			12	0	21.12	-1.44	19.68		Pass
				6	21.05	-1.44	19.61		Pass
				11	21.08	-1.44	19.64		Pass
			25	0	21.07	-1.44	19.63		Pass
		High	1	0	21.50	-1.44	20.06		Pass
				13	21.56	-1.44	20.12		Pass
				24	21.50	-1.44	20.06		Pass
			12	0	20.53	-1.44	19.09		Pass
				6	20.62	-1.44	19.18		Pass
				11	20.56	-1.44	19.12		Pass
			25	0	20.61	-1.44	19.17		Pass



BW (MHz)	Modulation	Channel	RB Allocation		Average Power (dBm)	GT - LC (dB)	EIRP (dBm)	Limit (dBm)	Result
			Size	Offset					
10	QPSK	Low	1	0	23.62	-1.44	22.18	47.00	Pass
				25	23.65	-1.44	22.21		Pass
				49	23.66	-1.44	22.22		Pass
			25	0	22.73	-1.44	21.29		Pass
				13	22.69	-1.44	21.25		Pass
				25	22.65	-1.44	21.21		Pass
			50	0	22.70	-1.44	21.26		Pass
		Mid	1	0	23.79	-1.44	22.35		Pass
				25	23.75	-1.44	22.31		Pass
				49	23.75	-1.44	22.31		Pass
			25	0	22.88	-1.44	21.44		Pass
				13	22.90	-1.44	21.46		Pass
				25	22.85	-1.44	21.41		Pass
			50	0	22.87	-1.44	21.43		Pass
		High	1	0	23.32	-1.44	21.88		Pass
				25	23.35	-1.44	21.91		Pass
				49	23.34	-1.44	21.90		Pass
			25	0	22.37	-1.44	20.93		Pass
				13	22.42	-1.44	20.98		Pass
				25	22.38	-1.44	20.94		Pass
	50		0	22.38	-1.44	20.94	Pass		
	16QAM	Low	1	0	22.96	-1.44	21.52	47.00	Pass
				25	22.96	-1.44	21.52		Pass
				49	22.95	-1.44	21.51		Pass
			25	0	21.84	-1.44	20.40		Pass
				13	21.83	-1.44	20.39		Pass
				25	21.84	-1.44	20.40		Pass
			50	0	21.85	-1.44	20.41		Pass
		Mid	1	0	23.19	-1.44	21.75		Pass
				25	23.13	-1.44	21.69		Pass
				49	23.05	-1.44	21.61		Pass
			25	0	22.03	-1.44	20.59		Pass
				13	22.06	-1.44	20.62		Pass
				25	21.99	-1.44	20.55		Pass
			50	0	22.05	-1.44	20.61		Pass
		High	1	0	22.66	-1.44	21.22		Pass
				25	22.70	-1.44	21.26		Pass
				49	22.70	-1.44	21.26		Pass
			25	0	21.45	-1.44	20.01		Pass
				13	21.56	-1.44	20.12		Pass
				25	21.56	-1.44	20.12		Pass
			50	0	21.54	-1.44	20.10		Pass



BW (MHz)	Modulation	Channel	RB Allocation		Average Power (dBm)	GT - LC (dB)	EIRP (dBm)	Limit (dBm)	Result
			Size	Offset					
10	64QAM	Low	1	0	21.76	-1.44	20.32	47.00	Pass
				25	21.75	-1.44	20.31		Pass
				49	21.78	-1.44	20.34		Pass
			25	0	20.90	-1.44	19.46		Pass
				13	20.93	-1.44	19.49		Pass
				25	21.91	-1.44	20.47		Pass
			50	0	20.83	-1.44	19.39		Pass
		Mid	1	0	21.98	-1.44	20.54		Pass
				25	21.92	-1.44	20.48		Pass
				49	21.92	-1.44	20.48		Pass
			25	0	21.09	-1.44	19.65		Pass
				13	21.15	-1.44	19.71		Pass
				25	21.11	-1.44	19.67		Pass
			50	0	21.06	-1.44	19.62		Pass
		High	1	0	21.46	-1.44	20.02		Pass
				25	21.49	-1.44	20.05		Pass
				49	21.53	-1.44	20.09		Pass
			25	0	20.61	-1.44	19.17		Pass
				13	20.62	-1.44	19.18		Pass
				25	20.61	-1.44	19.17		Pass
			50	0	20.54	-1.44	19.10		Pass



BW (MHz)	Modulation	Channel	RB Allocation		Average Power (dBm)	GT - LC (dB)	EIRP (dBm)	Limit (dBm)	Result
			Size	Offset					
15	QPSK	Low	1	0	23.66	-1.44	22.22	47.00	Pass
				38	23.66	-1.44	22.22		Pass
				74	23.84	-1.44	22.40		Pass
			36	0	22.72	-1.44	21.28		Pass
				18	22.84	-1.44	21.40		Pass
				39	22.82	-1.44	21.38		Pass
			75	0	22.83	-1.44	21.39		Pass
		Mid	1	0	23.89	-1.44	22.45		Pass
				38	21.83	-1.44	20.39		Pass
				74	23.71	-1.44	22.27		Pass
			36	0	22.90	-1.44	21.46		Pass
				18	22.93	-1.44	21.49		Pass
				39	22.86	-1.44	21.42		Pass
			75	0	22.87	-1.44	21.43		Pass
		High	1	0	23.23	-1.44	21.79		Pass
				38	21.31	-1.44	19.87		Pass
				74	23.45	-1.44	22.01		Pass
			36	0	22.39	-1.44	20.95		Pass
				18	22.47	-1.44	21.03		Pass
				39	22.44	-1.44	21.00		Pass
			75	0	22.35	-1.44	20.91		Pass
	16QAM	Low	1	0	22.93	-1.44	21.49	47.00	Pass
				38	22.96	-1.44	21.52		Pass
				74	23.10	-1.44	21.66		Pass
			36	0	21.80	-1.44	20.36		Pass
				18	21.93	-1.44	20.49		Pass
				39	21.91	-1.44	20.47		Pass
			75	0	21.94	-1.44	20.50		Pass
		Mid	1	0	23.20	-1.44	21.76		Pass
				38	23.16	-1.44	21.72		Pass
				74	23.17	-1.44	21.73		Pass
			36	0	22.01	-1.44	20.57		Pass
				18	22.04	-1.44	20.60		Pass
				39	21.99	-1.44	20.55		Pass
			75	0	21.99	-1.44	20.55		Pass
		High	1	0	22.59	-1.44	21.15		Pass
				38	22.63	-1.44	21.19		Pass
				74	22.74	-1.44	21.30		Pass
			36	0	22.44	-1.44	21.00		Pass
				18	21.56	-1.44	20.12		Pass
				39	21.52	-1.44	20.08		Pass
			75	0	21.58	-1.44	20.14		Pass



BW (MHz)	Modulation	Channel	RB Allocation		Average Power (dBm)	GT - LC (dB)	EIRP (dBm)	Limit (dBm)	Result
			Size	Offset					
15	64QAM	Low	1	0	21.78	-1.44	20.34	47.00	Pass
				38	21.78	-1.44	20.34		Pass
				74	21.99	-1.44	20.55		Pass
			36	0	20.86	-1.44	19.42		Pass
				18	21.02	-1.44	19.58		Pass
				39	20.95	-1.44	19.51		Pass
			75	0	20.98	-1.44	19.54		Pass
		Mid	1	0	21.97	-1.44	20.53		Pass
				38	21.98	-1.44	20.54		Pass
				74	21.92	-1.44	20.48		Pass
			36	0	21.06	-1.44	19.62		Pass
				18	21.09	-1.44	19.65		Pass
				39	21.02	-1.44	19.58		Pass
			75	0	21.02	-1.44	19.58		Pass
		High	1	0	21.40	-1.44	19.96		Pass
				38	21.46	-1.44	20.02		Pass
				74	21.56	-1.44	20.12		Pass
			36	0	20.51	-1.44	19.07		Pass
				18	20.60	-1.44	19.16		Pass
				39	20.60	-1.44	19.16		Pass
			75	0	20.54	-1.44	19.10		Pass



BW (MHz)	Modulation	Channel	RB Allocation		Average Power (dBm)	GT - LC (dB)	EIRP (dBm)	Limit (dBm)	Result
			Size	Offset					
20	QPSK	Low	1	0	23.69	-1.44	22.25	47.00	Pass
				50	23.68	-1.44	22.24		Pass
				99	23.80	-1.44	22.36		Pass
			50	0	22.74	-1.44	21.30		Pass
				25	22.81	-1.44	21.37		Pass
				50	22.85	-1.44	21.41		Pass
		Mid	1	0	22.87	-1.44	21.43		Pass
				0	23.95	-1.44	22.51		Pass
				50	23.86	-1.44	22.42		Pass
				99	23.80	-1.44	22.36		Pass
			50	0	22.93	-1.44	21.49		Pass
				25	22.89	-1.44	21.45		Pass
				50	22.89	-1.44	21.45		Pass
		High	1	0	22.95	-1.44	21.51		Pass
				0	23.37	-1.44	21.93		Pass
				50	23.43	-1.44	21.99		Pass
			50	99	23.48	-1.44	22.04		Pass
				0	22.38	-1.44	20.94		Pass
				25	22.44	-1.44	21.00		Pass
	16QAM	Low	1	50	22.39	-1.44	20.95		Pass
				0	22.43	-1.44	20.99		Pass
				0	23.00	-1.44	21.56		Pass
			50	0	22.99	-1.44	21.55		Pass
				99	23.12	-1.44	21.68		Pass
				0	21.88	-1.44	20.44		Pass
		Mid	50	25	21.98	-1.44	20.54		Pass
				50	21.96	-1.44	20.52		Pass
				0	21.96	-1.44	20.52		Pass
			100	0	23.26	-1.44	21.82		Pass
				50	23.13	-1.44	21.69		Pass
				99	23.07	-1.44	21.63		Pass
		High	1	0	22.05	-1.44	20.61		Pass
				25	22.06	-1.44	20.62		Pass
				50	22.03	-1.44	20.59		Pass
			50	0	22.07	-1.44	20.63		Pass
				0	22.63	-1.44	21.19		Pass
				50	22.64	-1.44	21.20		Pass
		Low	1	99	22.74	-1.44	21.30		Pass
				0	21.58	-1.44	20.14		Pass
				25	21.57	-1.44	20.13		Pass
			50	50	21.60	-1.44	20.16		Pass
				0	21.53	-1.44	20.09		Pass
				0	21.53	-1.44	20.09		Pass



BW (MHz)	Modulation	Channel	RB Allocation		Average Power (dBm)	GT - LC (dB)	EIRP (dBm)	Limit (dBm)	Result
			Size	Offset					
20	64QAM	Low	1	0	21.80	-1.44	20.36	47.00	Pass
				50	21.83	-1.44	20.39		Pass
				99	21.94	-1.44	20.50		Pass
			50	0	20.90	-1.44	19.46		Pass
				25	20.99	-1.44	19.55		Pass
				50	21.01	-1.44	19.57		Pass
			100	0	20.98	-1.44	19.54		Pass
		Mid	1	0	22.07	-1.44	20.63		Pass
				50	21.99	-1.44	20.55		Pass
				99	21.95	-1.44	20.51		Pass
			50	0	21.15	-1.44	19.71		Pass
				25	21.10	-1.44	19.66		Pass
				50	21.05	-1.44	19.61		Pass
			100	0	21.07	-1.44	19.63		Pass
		High	1	0	21.46	-1.44	20.02		Pass
				50	21.49	-1.44	20.05		Pass
				99	21.60	-1.44	20.16		Pass
			50	0	20.53	-1.44	19.09		Pass
				25	20.59	-1.44	19.15		Pass
				50	20.65	-1.44	19.21		Pass
			100	0	20.58	-1.44	19.14		Pass

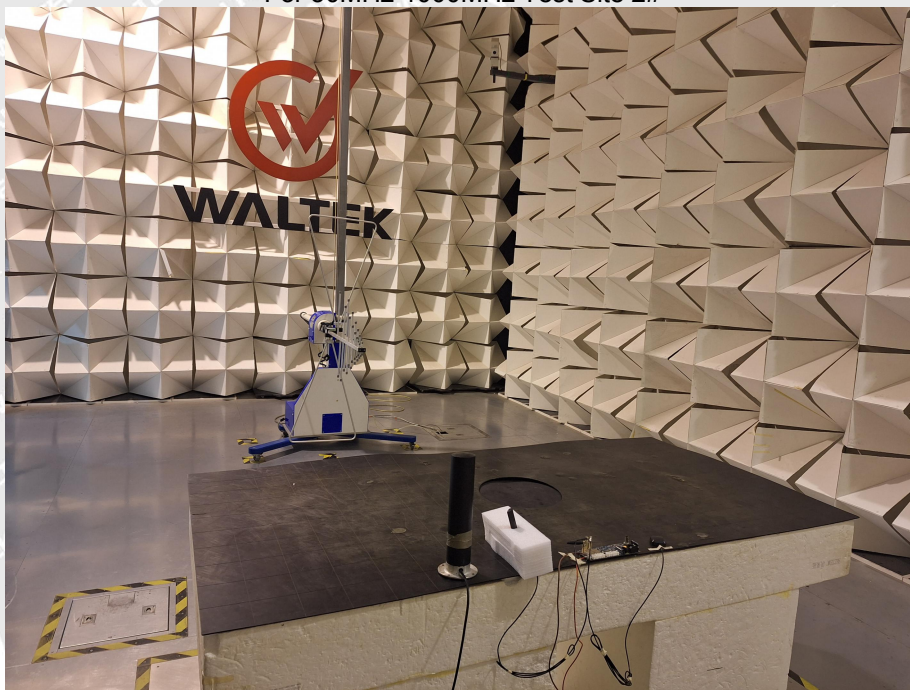
Note: The Conducted Output Power result refer to the report (BTL Inc--Report No.: BTL-FCCP-6-2011C042).



9 Photographs of test setup and EUT.

9.1 Photograph – Radiated Emissions

For 30MHz-1000MHz Test Site 2#



For Above 1GHz Test Site 1#





10 Photographs of EUT

Note: Please refer to appendix: External photo & Internal photo

===== End of Report =====

WALTEK