

TEST REPORT

Applicant: Dongguan Yeyingweishi Technology Co., Ltd

Address of Applicant: Room 604, Building 13, No. 1 Jingdong Road, Fenggang Town, Dongguan City, Guangdong Province, P.R. China

Manufacturer/Factory: Dongguan Yeyingweishi Technology Co., Ltd

Address of Manufacturer/Factory: Room 604, Building 13, No. 1 Jingdong Road, Fenggang Town, Dongguan City, Guangdong Province, P.R. China

Equipment Under Test (EUT)

Product Name: Smart Camera

Model No.: YWS-AX25H, AXT5H, AXS5H, AXS3H, AXF5H, AXS5HD, AXS3HD, AXF5HD, G3WL, G62WL, G6W, G94W, AX85T, QG15, QG15-2, QG15-4H, QG15-4HD, QG5-3, QG5-3H, QG5-3S, QG5-3HD, QG5-2, QW5-2, QG5, QW5, W6, P8, P8G

FCC ID: 2BTW3YWS-AX25H

Applicable standards: FCC CFR Title 47 Part 2
FCC CFR Title 47 Part 22
FCC CFR Title 47 Part 27

Date of sample receipt: December 27, 2025

Date of Test: January 09-27, 2026

Date of report issued: April 09, 2026

Test Result: PASS *

* In the configuration tested, the EUT detailed in this report complied with the standards specified above.

Authorized Signature:



Robinson Luo

Laboratory Manager

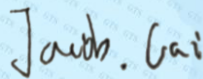
This results shown in this test report refer only to the sample(s) tested, this test report cannot be reproduced, except in full, without prior written permission of the company. The report would be invalid without specific stamp of test institute and the signatures of compiler and approver.



2 Version

Version No.	Date	Description
00	April 09, 2026	Original

Tested By:

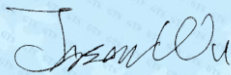


Date:

January 27, 2026

Test Engineer

Prepared By:

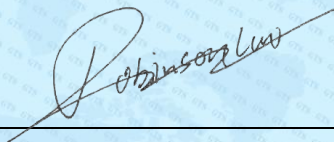


Date:

April 09, 2026

Project Engineer

Check By:



Date:

April 09, 2026

Reviewer

3 Contents

	Page
1 COVER PAGE	1
2 VERSION	2
3 CONTENTS	3
4 TEST SUMMARY	4
5 GENERAL INFORMATION	5
5.1 GENERAL DESCRIPTION OF EUT	5
5.2 DESCRIPTION OF SUPPORT UNITS	7
5.3 RELATED SUBMITTAL(S) / GRANT (S)	7
5.4 TEST METHODOLOGY	7
5.5 DEVIATION FROM STANDARDS	7
5.6 TEST FACILITY	7
5.7 TEST LOCATION	7
6 TEST INSTRUMENTS LIST	8
7 SYSTEM TEST CONFIGURATION	10
7.1 TEST MODE	10
7.2 CONFIGURATION OF TESTED SYSTEM	10
7.3 CONDUCTED OUTPUT POWER & E.R.P. & E.I.R.P.	11
7.4 PEAK-TO-AVERAGE RATIO	24
7.5 OCCUPY BANDWIDTH	25
7.6 MODULATION CHARACTERISTIC	26
7.7 OUT OF BAND EMISSION AT ANTENNA TERMINALS	26
7.8 FIELD STRENGTH OF SPURIOUS RADIATION MEASUREMENT	27
7.9 FREQUENCY STABILITY V.S. TEMPERATURE MEASUREMENT	38
7.10 FREQUENCY STABILITY V.S. VOLTAGE MEASUREMENT	39
8 TEST SETUP PHOTO	40
9 EUT CONSTRUCTIONAL DETAILS	40

4 Test Summary

Test Item	Section in CFR 47	Result
RF Output Power	Part 2.1046 Part 22.913 Part 27.50	Pass
Peak-to-Average Ratio	Part 22.913 Part 27.50	Pass (Note2)
99% & -26 dB Occupied Bandwidth	Part 2.1049 Part 22.913(a)(1) Part 27.53(a)(1)	Pass (Note2)
Spurious Emissions at Antenna Terminal	Part 2.1051 Part 22.917(b) Part 27.53(b)	Pass (Note2)
Field Strength of Spurious Radiation	Part 2.1053 Part 22.917(c) Part 27.53(b)	Pass
Out of band emission, Band Edge	Part 2.1053 Part 22.917(a)(3) Part 27.53(a)(3)	Pass (Note2)
Frequency stability vs. temperature	Part 2.1055	Pass (Note2)
Frequency stability vs. voltage	Part 2.1055	Pass (Note2)

Remarks:

1. Pass: The EUT complies with the essential requirements in the standard.
2. For conducted test data, please refer to the LTE Module certificate (FCC ID: 2BL5O-ZX800-SG, Report No.: RF241031011-01-002)

5 General Information

5.1 General Description of EUT

Product Name:	Smart Camera
Model No.:	YWS-AX25H, AXT5H, AXS5H, AXS3H, AXF5H, AXS5HD, AXS3HD, AXF5HD, G3WL, G62WL, G6W, G94W, AX85T, QG15, QG15-2, QG15-4H, QG15-4HD, QG5-3, QG5-3H, QG5-3S, QG5-3HD, QG5-2, QW5-2, QG5, QW5, W6, P8, P8G
Test Model No.:	YWS-AX25H
Remark: All above models are identical in the same PCB layout, interior structure and electrical circuits. The difference is model name for commercial purpose.	
Tested Sample(s) ID:	GTSL2026010101-1
Sample(s) Status:	Engineer sample
S/N:	N/A
Support Bands:	LTE Band 38/40/41
Channel Bandwidth:	LTE Band 38: 5MHz,10MHz,15MHz, 20MHz LTE Band 40: 5MHz,10MHz LTE Band 41: 5MHz,10MHz,15MHz, 20MHz
TX Frequency:	LTE Band 38: 2570MHz-2620MHz LTE Band 40: 2305MHz-2315MHz; 2350MHz-2360MHz LTE Band 41: 2496MHz-2690MHz
Modulation type:	QPSK, 16QAM
Antenna type:	Glue Stick Antenna
Antenna gain:	LTE Band 38: 2.26 dBi; LTE Band 40: 2.27 dBi; LTE Band 41: 2.35 dBi
Power supply:	5.0Vdc, 1.5A

Disclaimer statement:

1. Antenna gain information provided by the customer, and the laboratory is not responsible for its authenticity.
2. The information in this section is provided by the applicant or manufacturer, GTS is not liable to the accuracy, suitability, reliability or/and integrity of the information.

Test Frequency

Test Mode	Channel Bandwidth	RF Channel (MHz)		
		Lowest channel	Middle channel	Highest channel
LTE Band 38	5M	2572.5	2595	2617.5
	10M	2575	2595	2615
	15M	2577.5	2595	2612.5
	20M	2580	2595	2610

Test Mode	Channel Bandwidth	RF Channel (MHz)		
		Lowest channel	Middle channel	Highest channel
LTE Band 40 2305MHz-2315MHz	5M	2307.5	2310	2312.5
	10M	/	2310	/

Test Mode	Channel Bandwidth	RF Channel (MHz)		
		Lowest channel	Middle channel	Highest channel
LTE Band 40 2350MHz-2360MHz	5M	2352.5	2355	2357.5
	10M	/	2355	/

Test Mode	Channel Bandwidth	RF Channel (MHz)		
		Lowest channel	Middle channel	Highest channel
LTE Band 41	5M	2498.5	2593	2687.5
	10M	2501	2593	2685
	15M	2503.5	2593	2682.5
	20M	2506	2593	2680

5.2 Description of Support Units

Manufacturer	Description	Model	Serial Number
Shenzhen Chubawang New Energy Co., Ltd.	Solar Panels	CBW-D75W	N/A

5.3 Related Submittal(s) / Grant (s)

This submittal(s) (test report) is filing to comply with Section Part 22/27 of the FCC CFR 47 Rules.

5.4 Test Methodology

Both conducted and radiated testing were performed according to the procedures document on ANSI C63.26:2015 and FCC CFR 47.1046, 2.1047, 2.1049, 2.1051, 2.1053, 2.1055 and 2.1057

5.5 Deviation from Standards

None.

5.6 Test Facility

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

- **FCC —Registration No.: 381383**

Designation Number: CN5029

Global United Technology Services Co., Ltd., Shenzhen 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 files.

- **ISED—Registration No.: 9079A**

CAB identifier: CN0091

The 3m Semi-anechoic chamber of Global United Technology Services Co., Ltd. has been registered by Certification and Engineering Bureau of ISED for radio equipment testing.

- **NVLAP (LAB CODE:600179-0)**

Global United Technology Services Co., Ltd., is accredited by the National Voluntary Laboratory Accreditation Program (NVLAP).

5.7 Test Location

All tests were performed at:

Global United Technology Services Co., Ltd.

Address: No. 123-128, Tower A, Jinyuan Business Building, No.2, Laodong Industrial Zone, Xixiang Road, Baoan District, Shenzhen, Guangdong, China 518102

Tel: 0755-27798480

Fax: 0755-27798960

6 Test Instruments list

Radiated Emission:						
Item	Test Equipment	Manufacturer	Model No.	Inventory No.	Cal.Date (mm-dd-yy)	Cal.Due date (mm-dd-yy)
1	3m Semi- Anechoic Chamber	ZhongYu Electron	9.2(L)*6.2(W)* 6.4(H)	GTS250	Apr. 11, 2025	Apr. 10, 2026
2	Control Room	ZhongYu Electron	6.2(L)*2.5(W)* 2.4(H)	GTS251	N/A	N/A
3	EMI Test Receiver	Rohde & Schwarz	ESU26	GTS203	Apr. 12, 2025	Apr. 11, 2026
4	BiConiLog Antenna	SCHWARZBECK MESS-ELEKTRONIK	VULB9168	GTS640	Apr. 12, 2025	Apr. 11, 2026
5	Double -ridged waveguide horn	SCHWARZBECK MESS-ELEKTRONIK	BBHA 9120 D	GTS208	Apr. 11, 2025	Apr. 10, 2026
6	Wideband Radio Communication Tester	Rohde & Schwarz	CMW500	GTS575	Jul. 11, 2025	Jul 10, 2026
7	Loop Antenna	ZHINAN	ZN30900A	GTS534	Nov.22, 2025	Nov.21, 2026
8	Broadband Preamplifier	SCHWARZBECK	BBV9718	GTS535	Apr. 11, 2025	Apr. 10, 2026
9	Amplifier(1GHz-26.5GHz)	HP	8449B	GTS601	Apr. 11, 2025	Apr. 10, 2026
10	Horn Antenna (18GH-40GHz)	Schwarzbeck	BBHA 9170	GTS691	Apr. 11, 2025	Apr. 10, 2026
11	FSV-Signal Analyzer (10Hz-40GHz)	Keysight	FSV-40-N	GTS666	Mar. 11, 2025	Mar. 10, 2026
12	Amplifier	/	LNA-1000-30S	GTS650	Apr. 11, 2025	Apr. 10, 2026
13	CDNE M2+M3-16A	HCT	30MHz-300MHz	GTS692	Nov. 24, 2025	Nov. 23, 2026
14	Wideband Amplifier	/	WDA-01004000-15P35	GTS602	Apr. 11, 2025	Apr. 10, 2026
15	Thermo meter	JINCHUANG	GSP-8A	GTS643	Apr. 15, 2025	Apr. 14, 2026
16	RE cable 1	GTS	N/A	GTS675	Jul. 11, 2025	Jul. 10, 2026
17	RE cable 2	GTS	N/A	GTS676	Jul. 11, 2025	Jul. 10, 2026
18	RE cable 3	GTS	N/A	GTS677	Jul. 11, 2025	Jul. 10, 2026
19	RE cable 4	GTS	N/A	GTS678	Jul. 11, 2025	Jul. 10, 2026
20	RE cable 5	GTS	N/A	GTS679	Jul. 11, 2025	Jul. 10, 2026
21	RE cable 6	GTS	N/A	GTS680	Jul. 11, 2025	Jul. 10, 2026
22	RE cable 7	GTS	N/A	GTS681	Jul. 11, 2025	Jul. 10, 2026
23	RE cable 8	GTS	N/A	GTS682	Jul. 11, 2025	Jul. 10, 2026
24	EMI Test Software	AUDIX	E3-6.100614a	GTS725	N/A	N/A

RF Conducted Test:						
Item	Test Equipment	Manufacturer	Model No.	Serial No.	Cal.Date (mm-dd-yy)	Cal.Due date (mm-dd-yy)
1	MXA Signal Analyzer	Agilent	N9020A	GTS566	Apr. 11, 2025	Apr. 10, 2026
2	EMI Test Receiver	R&S	ESCI 7	GTS552	Apr. 12, 2025	Apr. 11, 2026
3	PSA Series Spectrum Analyzer	Agilent	E4440A	GTS536	Apr. 11, 2025	Apr. 10, 2026
4	MXG vector Signal Generator	Agilent	N5182A	GTS567	Apr. 11, 2025	Apr. 10, 2026
5	ESG Analog Signal Generator	Agilent	E4428C	GTS568	Apr. 11, 2025	Apr. 10, 2026
6	Wideband Power Meter	Keysight	N1924A	GTS673	Apr. 11, 2025	Apr. 10, 2026
7	USB RF Power Sensor	DARE	RPR3006W	GTS569	Apr. 11, 2025	Apr. 10, 2026
8	RF Switch Box	Shongyi	RFSW3003328	GTS571	Apr. 11, 2025	Apr. 10, 2026
9	Programmable Constant Temp & Humi Test Chamber	WEWON	WHTH-150L-40-880	GTS572	Apr. 11, 2025	Apr. 10, 2026
10	Thermo meter	JINCHUANG	GSP-8A	GTS641	Apr. 15, 2025	Apr. 14, 2026
11	EXA Signal Analyzer	Keysight	N9010B	MY60241168	Nov. 01, 2025	Oct. 31, 2026

General used equipment:						
Item	Test Equipment	Manufacturer	Model No.	Inventory No.	Cal.Date (mm-dd-yy)	Cal.Due date (mm-dd-yy)
1	Barometer	KUMAO	SF132	GTS647	Jul. 16, 2025	Jul. 15, 2026

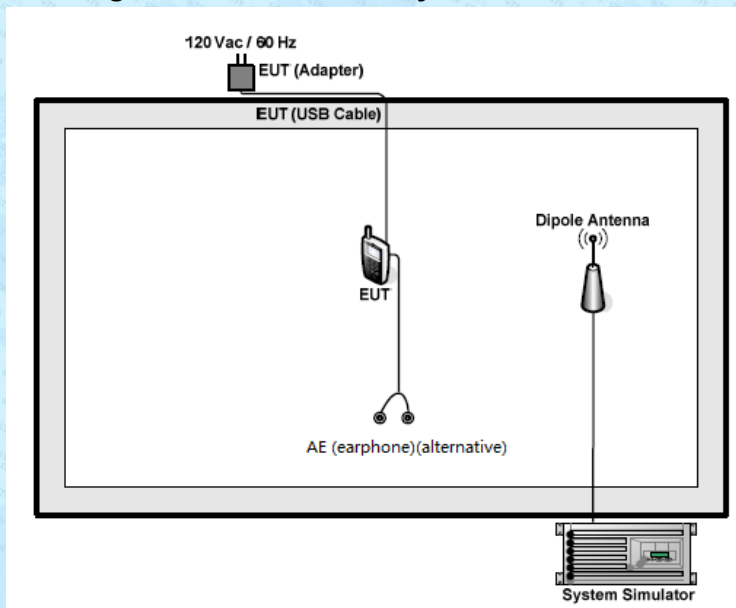
7 System test configuration

7.1 Test mode

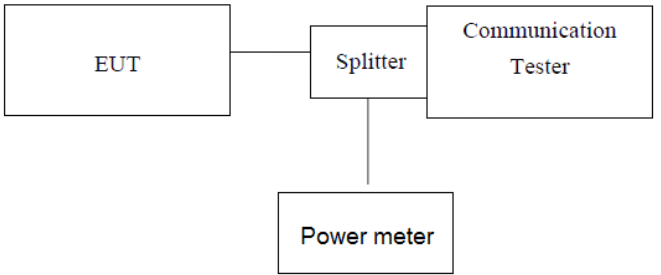
During all testing, EUT is in link mode with base station emulator at maximum power level. The spurious emission measurements were carried out in semi-anechoic chamber with 3-meter test range, and EUT is rotated on three test planes to find out the worst emission.

Test modes		
Band	Radiated	Conducted
LTE Band 38	■ QPSK and 16QAM link	■ QPSK and 16QAM link
LTE Band 40	■ QPSK and 16QAM link	■ QPSK and 16QAM link
LTE Band 41	■ QPSK and 16QAM link	■ QPSK and 16QAM link

7.2 Configuration of Tested System



7.3 Conducted Output Power & E.R.P. & E.I.R.P.

Test Requirement:	FCC Part 2.1046, Part 22.913, Part 27.50
Test Method:	FCC KDB 971168 D01 V03r01 & ANSI C63.26
Limit:	LTE Band 38: EIRP $\leq$ 2 W LTE Band 40: EIRP $\leq$ 250 mW LTE Band 41: EIRP $\leq$ 2 W
Test setup:	 <i>Note: Measurement setup for testing on Antenna connector</i>
Test Instruments:	Refer to section 6.0 for details
Test mode:	Refer to section 7.1 for details
Test results:	Pass

Measurement Data:

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	ERP/ERIP (dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	21.40	23.66	PASS
Band38	5MHz	16QAM	37775	1RB#0	21.57	23.83	PASS
Band38	5MHz	QPSK	37775	1RB#12	21.50	23.76	PASS
Band38	5MHz	16QAM	37775	1RB#12	21.69	23.95	PASS
Band38	5MHz	QPSK	37775	1RB#24	21.36	23.62	PASS
Band38	5MHz	16QAM	37775	1RB#24	21.60	23.86	PASS
Band38	5MHz	QPSK	37775	12RB#0	21.50	23.76	PASS

Band38	5MHz	16QAM	37775	12RB#0	22.52	24.78	PASS
Band38	5MHz	QPSK	37775	12RB#6	21.49	23.75	PASS
Band38	5MHz	16QAM	37775	12RB#6	21.51	23.77	PASS
Band38	5MHz	QPSK	37775	12RB#13	21.51	23.77	PASS
Band38	5MHz	16QAM	37775	12RB#13	21.57	23.83	PASS
Band38	5MHz	QPSK	37775	25RB#0	21.45	23.71	PASS
Band38	5MHz	16QAM	37775	25RB#0	22.41	24.67	PASS
Band38	5MHz	QPSK	38000	1RB#0	21.38	23.64	PASS
Band38	5MHz	16QAM	38000	1RB#0	21.37	23.83	PASS
Band38	5MHz	QPSK	38000	1RB#12	21.30	23.56	PASS
Band38	5MHz	16QAM	38000	1RB#12	22.32	24.58	PASS
Band38	5MHz	QPSK	38000	1RB#24	21.23	23.49	PASS
Band38	5MHz	16QAM	38000	1RB#24	22.26	24.52	PASS
Band38	5MHz	QPSK	38000	12RB#0	21.21	23.47	PASS
Band38	5MHz	16QAM	38000	12RB#0	22.20	24.46	PASS
Band38	5MHz	QPSK	38000	12RB#6	21.21	23.47	PASS
Band38	5MHz	16QAM	38000	12RB#6	21.20	23.46	PASS
Band38	5MHz	QPSK	38000	12RB#13	22.17	24.43	PASS
Band38	5MHz	16QAM	38000	12RB#13	21.27	23.53	PASS
Band38	5MHz	QPSK	38000	25RB#0	22.18	24.44	PASS
Band38	5MHz	16QAM	38000	25RB#0	21.17	23.43	PASS
Band38	5MHz	QPSK	38225	1RB#0	21.09	23.35	PASS
Band38	5MHz	16QAM	38225	1RB#0	21.41	23.67	PASS
Band38	5MHz	QPSK	38225	1RB#12	20.95	23.21	PASS
Band38	5MHz	16QAM	38225	1RB#12	21.39	23.65	PASS
Band38	5MHz	QPSK	38225	1RB#24	21.96	24.22	PASS
Band38	5MHz	16QAM	38225	1RB#24	21.29	23.55	PASS
Band38	5MHz	QPSK	38225	12RB#0	21.99	24.25	PASS
Band38	5MHz	16QAM	38225	12RB#0	22.02	24.28	PASS
Band38	5MHz	QPSK	38225	12RB#0	21.01	23.27	PASS
Band38	5MHz	16QAM	38225	12RB#0	22.05	24.31	PASS
Band38	5MHz	QPSK	38225	12RB#13	21.99	24.25	PASS
Band38	5MHz	16QAM	38225	12RB#13	21.01	23.27	PASS
Band38	5MHz	QPSK	38225	25RB#0	22.00	24.30	PASS
Band38	5MHz	16QAM	38225	25RB#0	21.04	23.30	PASS
Band38	10MHz	QPSK	37800	1RB#0	21.40	23.66	PASS
Band38	10MHz	16QAM	37800	1RB#0	21.62	23.88	PASS
Band38	10MHz	QPSK	37800	1RB#24	21.50	23.76	PASS
Band38	10MHz	16QAM	37800	1RB#24	21.75	24.01	PASS
Band38	10MHz	QPSK	37800	1RB#49	21.41	23.67	PASS
Band38	10MHz	16QAM	37800	1RB#49	21.62	23.88	PASS

Band38	10MHz	QPSK	37800	25RB#0	21.41	23.67	PASS
Band38	10MHz	16QAM	37800	25RB#0	21.44	23.70	PASS
Band38	10MHz	QPSK	37800	25RB#12	21.43	23.69	PASS
Band38	10MHz	16QAM	37800	25RB#12	21.44	23.70	PASS
Band38	10MHz	QPSK	37800	25RB#25	22.43	24.69	PASS
Band38	10MHz	16QAM	37800	25RB#25	21.51	23.77	PASS
Band38	10MHz	QPSK	37800	50RB#0	21.44	23.70	PASS
Band38	10MHz	16QAM	37800	50RB#0	21.40	23.66	PASS
Band38	10MHz	QPSK	38000	1RB#0	21.46	23.72	PASS
Band38	10MHz	16QAM	38000	1RB#0	21.22	23.48	PASS
Band38	10MHz	QPSK	38000	1RB#24	21.25	23.51	PASS
Band38	10MHz	16QAM	38000	1RB#24	22.25	24.51	PASS
Band38	10MHz	QPSK	38000	1RB#49	21.15	23.41	PASS
Band38	10MHz	16QAM	38000	1RB#49	22.11	24.37	PASS
Band38	10MHz	QPSK	38000	25RB#0	22.12	24.38	PASS
Band38	10MHz	16QAM	38000	25RB#0	21.15	23.41	PASS
Band38	10MHz	QPSK	38000	25RB#12	20.20	22.46	PASS
Band38	10MHz	16QAM	38000	25RB#12	21.12	23.38	PASS
Band38	10MHz	QPSK	38000	25RB#25	21.43	23.69	PASS
Band38	10MHz	16QAM	38000	25RB#25	21.51	23.77	PASS
Band38	10MHz	QPSK	38000	50RB#0	20.21	22.47	PASS
Band38	10MHz	16QAM	38000	50RB#0	22.00	24.26	PASS
Band38	10MHz	QPSK	38200	1RB#0	21.34	23.60	PASS
Band38	10MHz	16QAM	38200	1RB#0	21.85	24.11	PASS
Band38	10MHz	QPSK	38200	1RB#24	21.07	23.33	PASS
Band38	10MHz	16QAM	38200	1RB#24	21.76	24.02	PASS
Band38	10MHz	QPSK	38200	1RB#49	21.98	24.24	PASS
Band38	10MHz	16QAM	38200	1RB#49	21.65	23.91	PASS
Band38	10MHz	QPSK	38200	25RB#0	21.89	24.15	PASS
Band38	10MHz	16QAM	38200	25RB#0	21.90	24.16	PASS
Band38	10MHz	QPSK	38200	25RB#12	22.04	24.30	PASS
Band38	10MHz	16QAM	38200	25RB#12	21.90	24.16	PASS
Band38	10MHz	QPSK	38200	25RB#25	21.98	24.24	PASS
Band38	10MHz	16QAM	38200	25RB#25	21.93	24.19	PASS
Band38	10MHz	QPSK	38200	50RB#0	22.06	24.32	PASS
Band38	10MHz	16QAM	38200	50RB#0	22.21	24.47	PASS
Band38	15MHz	QPSK	37825	1RB#0	21.94	24.20	PASS
Band38	15MHz	16QAM	37825	1RB#0	21.48	23.74	PASS
Band38	15MHz	QPSK	37825	1RB#38	21.27	23.53	PASS
Band38	15MHz	16QAM	37825	1RB#38	21.53	23.79	PASS
Band38	15MHz	QPSK	37825	1RB#74	21.06	23.32	PASS
Band38	15MHz	16QAM	37825	1RB#74	22.28	24.54	PASS

Band38	15MHz	QPSK	37825	38RB#0	21.23	23.49	PASS
Band38	15MHz	16QAM	37825	38RB#0	22.21	24.47	PASS
Band38	15MHz	QPSK	37825	38RB#18	21.20	23.46	PASS
Band38	15MHz	16QAM	37825	38RB#18	22.20	24.46	PASS
Band38	15MHz	QPSK	37825	38RB#37	22.19	24.45	PASS
Band38	15MHz	16QAM	37825	38RB#37	21.19	23.45	PASS
Band38	15MHz	QPSK	37825	75RB#0	21.19	23.45	PASS
Band38	15MHz	16QAM	37825	75RB#0	22.10	24.36	PASS
Band38	15MHz	QPSK	38000	1RB#0	21.26	23.52	PASS
Band38	15MHz	16QAM	38000	1RB#0	21.96	24.22	PASS
Band38	15MHz	QPSK	38000	1RB#38	21.11	23.37	PASS
Band38	15MHz	16QAM	38000	1RB#38	21.95	24.21	PASS
Band38	15MHz	QPSK	38000	1RB#74	21.07	23.33	PASS
Band38	15MHz	16QAM	38000	1RB#74	21.87	24.13	PASS
Band38	15MHz	QPSK	38000	38RB#0	21.95	24.21	PASS
Band38	15MHz	16QAM	38000	38RB#0	22.03	24.29	PASS
Band38	15MHz	QPSK	38000	38RB#18	22.02	24.28	PASS
Band38	15MHz	16QAM	38000	38RB#18	21.02	23.28	PASS
Band38	15MHz	QPSK	38000	38RB#37	22.00	24.26	PASS
Band38	15MHz	16QAM	38000	38RB#37	21.99	24.25	PASS
Band38	15MHz	QPSK	38000	75RB#0	21.40	23.66	PASS
Band38	15MHz	16QAM	38000	75RB#0	21.20	23.46	PASS
Band38	15MHz	QPSK	38175	1RB#0	21.30	23.56	PASS
Band38	15MHz	16QAM	38175	1RB#0	21.90	24.16	PASS
Band38	15MHz	QPSK	38175	1RB#38	21.96	24.22	PASS
Band38	15MHz	16QAM	38175	1RB#38	21.80	24.06	PASS
Band38	15MHz	QPSK	38175	1RB#74	22.90	25.16	PASS
Band38	15MHz	16QAM	38175	1RB#74	21.71	23.97	PASS
Band38	15MHz	QPSK	38175	38RB#0	21.88	24.14	PASS
Band38	15MHz	16QAM	38175	38RB#0	22.86	25.12	PASS
Band38	15MHz	QPSK	38175	38RB#18	21.85	24.11	PASS
Band38	15MHz	16QAM	38175	38RB#18	21.85	24.11	PASS
Band38	15MHz	QPSK	38175	38RB#37	21.84	24.10	PASS
Band38	15MHz	16QAM	38175	38RB#37	21.89	24.15	PASS
Band38	15MHz	QPSK	38175	75RB#0	21.87	24.13	PASS
Band38	15MHz	16QAM	38175	75RB#0	22.04	24.30	PASS
Band38	20MHz	QPSK	37850	1RB#0	21.90	24.16	PASS
Band38	20MHz	16QAM	37850	1RB#0	21.58	23.84	PASS
Band38	20MHz	QPSK	37850	1RB#49	21.11	23.37	PASS
Band38	20MHz	16QAM	37850	1RB#49	21.78	24.04	PASS
Band38	20MHz	QPSK	37850	1RB#49	21.81	24.07	PASS
Band38	20MHz	16QAM	37850	1RB#99	21.41	23.67	PASS

Band38	20MHz	QPSK	37850	50RB#0	22.12	24.38	PASS
Band38	20MHz	16QAM	37850	50RB#0	22.50	24.76	PASS
Band38	20MHz	QPSK	37850	50RB#25	21.21	23.47	PASS
Band38	20MHz	16QAM	37850	50RB#25	22.07	24.33	PASS
Band38	20MHz	QPSK	37850	50RB#50	21.15	23.41	PASS
Band38	20MHz	16QAM	37850	50RB#50	22.09	24.35	PASS
Band38	20MHz	QPSK	37850	100RB#0	21.19	23.45	PASS
Band38	20MHz	16QAM	37850	100RB#0	22.10	24.36	PASS
Band38	20MHz	QPSK	38000	1RB#0	22.01	24.27	PASS
Band38	20MHz	16QAM	38000	1RB#0	21.51	23.77	PASS
Band38	20MHz	QPSK	38000	1RB#49	21.90	24.16	PASS
Band38	20MHz	16QAM	38000	1RB#49	21.56	23.82	PASS
Band38	20MHz	QPSK	38000	1RB#49	21.74	24.00	PASS
Band38	20MHz	16QAM	38000	1RB#49	21.35	23.61	PASS
Band38	20MHz	QPSK	38000	50RB#0	21.97	24.23	PASS
Band38	20MHz	16QAM	38000	50RB#0	21.20	23.46	PASS
Band38	20MHz	QPSK	38000	50RB#25	21.09	23.35	PASS
Band38	20MHz	16QAM	38000	50RB#25	22.50	24.76	PASS
Band38	20MHz	QPSK	38000	50RB#50	21.99	24.25	PASS
Band38	20MHz	16QAM	38000	50RB#50	21.10	23.36	PASS
Band38	20MHz	QPSK	38000	100RB#0	22.01	24.27	PASS
Band38	20MHz	16QAM	38000	100RB#0	21.53	23.79	PASS
Band38	20MHz	QPSK	38150	1RB#0	21.90	24.16	PASS
Band38	20MHz	16QAM	38150	1RB#0	21.85	24.11	PASS
Band38	20MHz	QPSK	38150	1RB#49	21.92	24.18	PASS
Band38	20MHz	16QAM	38150	1RB#49	21.05	23.31	PASS
Band38	20MHz	QPSK	38150	1RB#99	21.68	23.94	PASS
Band38	20MHz	16QAM	38150	1RB#99	21.72	23.98	PASS
Band38	20MHz	QPSK	38150	50RB#0	21.82	24.08	PASS
Band38	20MHz	16QAM	38150	50RB#0	21.50	23.76	PASS
Band38	20MHz	QPSK	38150	50RB#25	21.97	24.23	PASS
Band38	20MHz	16QAM	38150	50RB#25	22.60	24.86	PASS
Band38	20MHz	QPSK	38150	50RB#50	21.96	24.22	PASS
Band38	20MHz	16QAM	38150	50RB#50	22.42	24.68	PASS
Band38	20MHz	QPSK	38150	100RB#0	21.95	24.21	PASS
Band38	20MHz	16QAM	38150	100RB#0	21.05	23.31	PASS
Band41	5MHz	QPSK	39675	1RB#0	21.69	24.04	PASS
Band41	5MHz	16QAM	39675	1RB#0	22.02	24.37	PASS
Band41	5MHz	QPSK	39675	1RB#12	22.55	24.90	PASS
Band41	5MHz	16QAM	39675	1RB#12	21.94	24.29	PASS
Band41	5MHz	QPSK	39675	1RB#24	22.64	24.99	PASS
Band41	5MHz	16QAM	39675	1RB#24	21.97	24.32	PASS

Band41	5MHz	QPSK	39675	12RB#0	22.49	24.84	PASS
Band41	5MHz	16QAM	39675	12RB#0	22.49	24.84	PASS
Band41	5MHz	QPSK	39675	12RB#6	21.49	23.84	PASS
Band41	5MHz	16QAM	39675	12RB#6	22.48	24.83	PASS
Band41	5MHz	QPSK	39675	12RB#13	21.48	23.83	PASS
Band41	5MHz	16QAM	39675	12RB#13	22.51	24.86	PASS
Band41	5MHz	QPSK	39675	25RB#0	22.57	24.92	PASS
Band41	5MHz	16QAM	39675	25RB#0	22.54	24.89	PASS
Band41	5MHz	QPSK	40620	1RB#0	22.18	24.53	PASS
Band41	5MHz	16QAM	40620	1RB#0	22.29	24.64	PASS
Band41	5MHz	QPSK	40620	1RB#12	22.09	24.44	PASS
Band41	5MHz	16QAM	40620	1RB#12	21.28	23.63	PASS
Band41	5MHz	QPSK	40620	1RB#24	22.17	24.52	PASS
Band41	5MHz	16QAM	40620	1RB#24	21.30	23.65	PASS
Band41	5MHz	QPSK	40620	12RB#0	21.12	23.47	PASS
Band41	5MHz	16QAM	40620	12RB#0	21.15	23.50	PASS
Band41	5MHz	QPSK	40620	12RB#6	21.12	23.47	PASS
Band41	5MHz	16QAM	40620	12RB#6	22.15	24.50	PASS
Band41	5MHz	QPSK	40620	12RB#13	21.13	23.48	PASS
Band41	5MHz	16QAM	40620	12RB#13	22.17	24.52	PASS
Band41	5MHz	QPSK	40620	25RB#0	21.14	23.49	PASS
Band41	5MHz	16QAM	40620	25RB#0	22.11	24.46	PASS
Band41	5MHz	QPSK	41565	1RB#0	21.91	24.26	PASS
Band41	5MHz	16QAM	41565	1RB#0	22.87	25.22	PASS
Band41	5MHz	QPSK	41565	1RB#12	21.68	24.03	PASS
Band41	5MHz	16QAM	41565	1RB#12	22.66	25.01	PASS
Band41	5MHz	QPSK	41565	1RB#24	21.76	24.11	PASS
Band41	5MHz	16QAM	41565	1RB#24	22.82	25.17	PASS
Band41	5MHz	QPSK	41565	12RB#0	22.66	25.01	PASS
Band41	5MHz	16QAM	41565	12RB#0	21.59	23.94	PASS
Band41	5MHz	QPSK	41565	12RB#6	22.68	25.03	PASS
Band41	5MHz	16QAM	41565	12RB#6	21.59	23.94	PASS
Band41	5MHz	QPSK	41565	12RB#13	22.59	24.94	PASS
Band41	5MHz	16QAM	41565	12RB#13	21.45	23.80	PASS
Band41	5MHz	QPSK	41565	25RB#0	22.62	24.97	PASS
Band41	5MHz	16QAM	41565	25RB#0	21.48	23.63	PASS
Band41	10MHz	QPSK	39700	1RB#0	21.52	23.87	PASS
Band41	10MHz	16QAM	39700	1RB#0	21.54	23.89	PASS
Band41	10MHz	QPSK	39700	1RB#24	21.31	23.66	PASS
Band41	10MHz	16QAM	39700	1RB#24	22.45	24.80	PASS
Band41	10MHz	QPSK	39700	1RB#49	22.36	24.71	PASS
Band41	10MHz	16QAM	39700	1RB#49	22.48	24.83	PASS

Band41	10MHz	QPSK	39700	25RB#0	22.20	24.55	PASS
Band41	10MHz	16QAM	39700	25RB#0	22.23	24.58	PASS
Band41	10MHz	QPSK	39700	25RB#12	21.12	23.47	PASS
Band41	10MHz	16QAM	39700	25RB#12	22.19	24.54	PASS
Band41	10MHz	QPSK	39700	25RB#25	21.07	23.42	PASS
Band41	10MHz	16QAM	39700	25RB#25	22.11	24.46	PASS
Band41	10MHz	QPSK	39700	50RB#0	21.13	23.48	PASS
Band41	10MHz	16QAM	39700	50RB#0	21.30	23.65	PASS
Band41	10MHz	QPSK	40620	1RB#0	21.22	23.57	PASS
Band41	10MHz	16QAM	40620	1RB#0	22.68	25.03	PASS
Band41	10MHz	QPSK	40620	1RB#24	21.87	24.22	PASS
Band41	10MHz	16QAM	40620	1RB#24	22.60	24.95	PASS
Band41	10MHz	QPSK	40620	1RB#49	21.11	23.46	PASS
Band41	10MHz	16QAM	40620	1RB#49	22.64	24.99	PASS
Band41	10MHz	QPSK	40620	25RB#0	22.74	25.09	PASS
Band41	10MHz	16QAM	40620	25RB#0	21.80	24.15	PASS
Band41	10MHz	QPSK	40620	25RB#12	22.83	25.18	PASS
Band41	10MHz	16QAM	40620	25RB#12	21.78	24.13	PASS
Band41	10MHz	QPSK	40620	25RB#25	22.91	25.26	PASS
Band41	10MHz	16QAM	40620	25RB#25	21.78	24.13	PASS
Band41	10MHz	QPSK	40620	50RB#0	22.91	25.26	PASS
Band41	10MHz	16QAM	40620	50RB#0	21.53	23.88	PASS
Band41	10MHz	QPSK	41540	1RB#0	21.86	24.21	PASS
Band41	10MHz	16QAM	41540	1RB#0	22.48	24.83	PASS
Band41	10MHz	QPSK	41540	1RB#24	21.59	23.94	PASS
Band41	10MHz	16QAM	41540	1RB#24	22.29	24.64	PASS
Band41	10MHz	QPSK	41540	1RB#49	21.65	24.00	PASS
Band41	10MHz	16QAM	41540	1RB#49	22.29	24.64	PASS
Band41	10MHz	QPSK	41540	25RB#0	22.50	24.85	PASS
Band41	10MHz	16QAM	41540	25RB#0	21.41	23.76	PASS
Band41	10MHz	QPSK	41540	25RB#12	22.60	24.95	PASS
Band41	10MHz	16QAM	41540	25RB#12	21.39	23.74	PASS
Band41	10MHz	QPSK	41540	25RB#25	22.53	24.68	PASS
Band41	10MHz	16QAM	41540	25RB#25	21.33	23.68	PASS
Band41	10MHz	QPSK	41540	50RB#0	22.60	24.95	PASS
Band41	10MHz	16QAM	41540	50RB#0	21.42	23.77	PASS
Band41	15MHz	QPSK	39725	1RB#0	21.85	24.20	PASS
Band41	15MHz	16QAM	39725	1RB#0	22.01	24.36	PASS
Band41	15MHz	QPSK	39725	1RB#8	21.76	24.11	PASS
Band41	15MHz	16QAM	39725	1RB#8	22.92	25.27	PASS
Band41	15MHz	QPSK	39725	1RB#74	21.79	24.14	PASS
Band41	15MHz	16QAM	39725	1RB#74	22.87	25.22	PASS

Band41	15MHz	QPSK	39725	38RB#18	22.61	24.96	PASS
Band41	15MHz	16QAM	39725	38RB#18	22.59	24.94	PASS
Band41	15MHz	QPSK	39725	38RB#18	22.59	24.94	PASS
Band41	15MHz	16QAM	39725	38RB#18	21.62	23.97	PASS
Band41	15MHz	QPSK	39725	38RB#37	22.61	24.96	PASS
Band41	15MHz	16QAM	39725	38RB#37	21.60	23.95	PASS
Band41	15MHz	QPSK	39725	75RB#0	22.61	24.96	PASS
Band41	15MHz	16QAM	39725	75RB#0	21.43	23.78	PASS
Band41	15MHz	QPSK	40620	1RB#0	21.73	24.08	PASS
Band41	15MHz	16QAM	40620	1RB#0	22.36	24.71	PASS
Band41	15MHz	QPSK	40620	1RB#38	21.45	23.80	PASS
Band41	15MHz	16QAM	40620	1RB#38	22.30	24.65	PASS
Band41	15MHz	QPSK	40620	1RB#74	22.63	24.98	PASS
Band41	15MHz	16QAM	40620	1RB#74	22.33	24.68	PASS
Band41	15MHz	QPSK	40620	38RB#0	22.41	24.76	PASS
Band41	15MHz	16QAM	40620	38RB#0	22.40	24.75	PASS
Band41	15MHz	QPSK	40620	38RB#18	22.38	24.73	PASS
Band41	15MHz	16QAM	40620	38RB#18	22.38	24.73	PASS
Band41	15MHz	QPSK	40620	38RB#37	21.37	23.72	PASS
Band41	15MHz	16QAM	40620	38RB#37	22.36	24.71	PASS
Band41	15MHz	QPSK	40620	75RB#0	22.36	24.71	PASS
Band41	15MHz	16QAM	40620	75RB#0	21.53	23.88	PASS
Band41	15MHz	QPSK	41515	1RB#0	21.41	23.76	PASS
Band41	15MHz	16QAM	41515	1RB#0	22.47	24.82	PASS
Band41	15MHz	QPSK	41515	1RB#8	21.23	23.58	PASS
Band41	15MHz	16QAM	41515	1RB#8	22.34	24.69	PASS
Band41	15MHz	QPSK	41515	1RB#74	21.14	23.49	PASS
Band41	15MHz	16QAM	41515	1RB#74	22.34	24.69	PASS
Band41	15MHz	QPSK	41515	38RB#0	22.13	24.48	PASS
Band41	15MHz	16QAM	41515	38RB#0	22.11	24.46	PASS
Band41	15MHz	QPSK	41515	38RB#18	22.15	24.50	PASS
Band41	15MHz	16QAM	41515	38RB#18	22.13	24.48	PASS
Band41	15MHz	QPSK	41515	38RB#37	22.13	24.48	PASS
Band41	15MHz	16QAM	41515	38RB#37	22.12	24.47	PASS
Band41	15MHz	QPSK	41515	75RB#0	22.11	24.46	PASS
Band41	15MHz	16QAM	41515	75RB#0	21.95	24.30	PASS
Band41	20MHz	QPSK	39750	1RB#0	21.83	24.18	PASS
Band41	20MHz	16QAM	39750	1RB#0	22.36	24.71	PASS
Band41	20MHz	QPSK	39750	1RB#49	21.69	24.04	PASS
Band41	20MHz	16QAM	39750	1RB#49	22.31	24.68	PASS
Band41	20MHz	QPSK	39750	1RB#99	22.70	25.05	PASS
Band41	20MHz	16QAM	39750	1RB#99	22.22	24.57	PASS

Band41	20MHz	QPSK	39750	50RB#0	22.72	25.07	PASS
Band41	20MHz	16QAM	39750	50RB#0	22.00	24.35	PASS
Band41	20MHz	QPSK	39750	50RB#25	22.80	25.15	PASS
Band41	20MHz	16QAM	39750	50RB#25	22.04	24.39	PASS
Band41	20MHz	QPSK	39750	50RB#50	22.72	25.07	PASS
Band41	20MHz	16QAM	39750	50RB#50	21.79	24.14	PASS
Band41	20MHz	QPSK	39750	100RB#0	22.75	25.10	PASS
Band41	20MHz	16QAM	39750	100RB#0	21.85	24.20	PASS
Band41	20MHz	QPSK	40620	1RB#0	21.46	23.81	PASS
Band41	20MHz	16QAM	40620	1RB#0	21.93	24.28	PASS
Band41	20MHz	QPSK	40620	1RB#49	21.36	23.71	PASS
Band41	20MHz	16QAM	40620	1RB#49	22.02	24.37	PASS
Band41	20MHz	QPSK	40620	1RB#49	22.29	24.64	PASS
Band41	20MHz	16QAM	40620	1RB#49	21.92	24.27	PASS
Band41	20MHz	QPSK	40620	50RB#0	22.36	24.71	PASS
Band41	20MHz	16QAM	40620	50RB#0	22.30	24.65	PASS
Band41	20MHz	QPSK	40620	50RB#25	22.51	24.86	PASS
Band41	20MHz	16QAM	40620	50RB#25	22.42	24.77	PASS
Band41	20MHz	QPSK	40620	50RB#50	22.41	24.76	PASS
Band41	20MHz	16QAM	40620	50RB#50	21.89	24.24	PASS
Band41	20MHz	QPSK	40620	100RB#0	22.48	24.83	PASS
Band41	20MHz	16QAM	40620	100RB#0	21.76	24.11	PASS
Band41	20MHz	QPSK	41490	1RB#0	22.51	24.86	PASS
Band41	20MHz	16QAM	41490	1RB#0	22.42	24.77	PASS
Band41	20MHz	QPSK	41490	1RB#49	21.27	23.62	PASS
Band41	20MHz	16QAM	41490	1RB#49	22.25	24.60	PASS
Band41	20MHz	QPSK	41490	1RB#99	21.16	23.51	PASS
Band41	20MHz	16QAM	41490	1RB#99	22.19	24.54	PASS
Band41	20MHz	QPSK	41490	50RB#25	22.14	24.49	PASS
Band41	20MHz	16QAM	41490	50RB#25	21.85	24.20	PASS
Band41	20MHz	QPSK	41490	50RB#25	22.34	24.69	PASS
Band41	20MHz	16QAM	41490	50RB#25	21.47	23.82	PASS
Band41	20MHz	QPSK	41490	50RB#50	22.34	24.69	PASS
Band41	20MHz	16QAM	41490	50RB#50	21.68	24.03	PASS
Band41	20MHz	QPSK	41490	100RB#0	22.31	24.66	PASS
Band41	20MHz	16QAM	41490	100RB#0	21.57	23.92	PASS
40(2305-2315)	5MHz	QPSK	38725	1RB#0	21.15	23.42	PASS
40(2305-2315)	5MHz	16QAM	38725	1RB#0	21.50	23.77	PASS
40(2305-2315)	5MHz	QPSK	38725	1RB#12	22.07	24.34	PASS
40(2305-2315)	5MHz	16QAM	38725	1RB#12	21.51	23.78	PASS
40(2305-2315)	5MHz	QPSK	38725	1RB#24	21.07	23.34	PASS
40(2305-2315)	5MHz	16QAM	38725	1RB#24	21.49	23.76	PASS

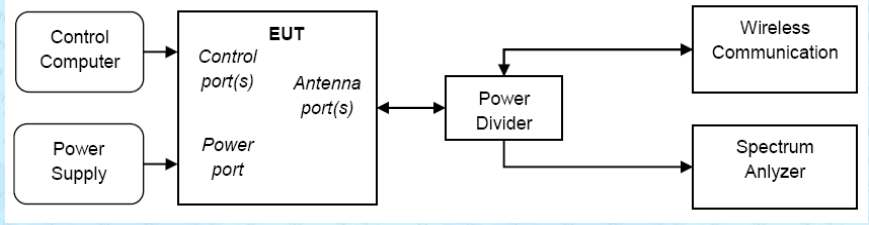
40(2305-2315)	5MHz	QPSK	38725	12RB#0	21.06	23.33	PASS
40(2305-2315)	5MHz	16QAM	38725	12RB#0	21.90	24.17	PASS
40(2305-2315)	5MHz	QPSK	38725	12RB#6	22.04	24.31	PASS
40(2305-2315)	5MHz	16QAM	38725	12RB#6	21.88	24.15	PASS
40(2305-2315)	5MHz	QPSK	38725	12RB#13	21.02	23.29	PASS
40(2305-2315)	5MHz	16QAM	38725	12RB#13	21.91	24.18	PASS
40(2305-2315)	5MHz	QPSK	38725	25RB#0	21.14	23.41	PASS
40(2305-2315)	5MHz	16QAM	38725	25RB#0	21.97	24.24	PASS
40(2305-2315)	5MHz	QPSK	38775	1RB#0	22.08	24.35	PASS
40(2305-2315)	5MHz	16QAM	38775	1RB#0	21.27	23.54	PASS
40(2305-2315)	5MHz	QPSK	38775	1RB#12	22.02	24.29	PASS
40(2305-2315)	5MHz	16QAM	38775	1RB#12	21.20	23.47	PASS
40(2305-2315)	5MHz	QPSK	38775	1RB#24	21.07	23.34	PASS
40(2305-2315)	5MHz	16QAM	38775	1RB#24	21.16	23.43	PASS
40(2305-2315)	5MHz	QPSK	38775	12RB#0	21.99	24.26	PASS
40(2305-2315)	5MHz	16QAM	38775	12RB#0	22.91	25.18	PASS
40(2305-2315)	5MHz	QPSK	38775	12RB#6	21.99	24.26	PASS
40(2305-2315)	5MHz	16QAM	38775	12RB#13	21.91	24.18	PASS
40(2305-2315)	5MHz	QPSK	38775	12RB#13	21.97	24.24	PASS
40(2305-2315)	5MHz	16QAM	38775	12RB#13	21.94	24.21	PASS
40(2305-2315)	5MHz	QPSK	38775	25RB#0	22.01	24.28	PASS
40(2305-2315)	5MHz	16QAM	38775	25RB#0	21.87	24.14	PASS
40(2305-2315)	5MHz	QPSK	38825	1RB#0	21.20	23.47	PASS
40(2305-2315)	5MHz	16QAM	38825	1RB#0	21.10	23.37	PASS
40(2305-2315)	5MHz	QPSK	38825	1RB#12	22.13	24.40	PASS
40(2305-2315)	5MHz	16QAM	38825	1RB#12	21.10	23.37	PASS
40(2305-2315)	5MHz	QPSK	38825	1RB#24	21.10	23.37	PASS
40(2305-2315)	5MHz	16QAM	38825	1RB#24	22.19	24.46	PASS
40(2305-2315)	5MHz	QPSK	38825	12RB#0	21.99	24.26	PASS
40(2305-2315)	5MHz	16QAM	38825	12RB#0	21.82	24.09	PASS
40(2305-2315)	5MHz	QPSK	38825	12RB#6	22.00	24.27	PASS
40(2305-2315)	5MHz	16QAM	38825	12RB#6	21.81	24.08	PASS
40(2305-2315)	5MHz	QPSK	38825	12RB#13	21.01	23.28	PASS
40(2305-2315)	5MHz	16QAM	38825	12RB#13	21.84	24.11	PASS
40(2305-2315)	5MHz	QPSK	38825	25RB#0	22.04	24.31	PASS
40(2305-2315)	5MHz	16QAM	38825	25RB#0	21.84	24.11	PASS
40(2305-2315)	10MHz	QPSK	38750	1RB#0	22.17	24.44	PASS
40(2305-2315)	10MHz	16QAM	38750	1RB#0	21.49	23.76	PASS
40(2305-2315)	10MHz	QPSK	38750	1RB#24	21.09	23.36	PASS
40(2305-2315)	10MHz	16QAM	38750	1RB#24	22.30	24.57	PASS
40(2305-2315)	10MHz	QPSK	38750	1RB#49	21.16	23.43	PASS
40(2305-2315)	10MHz	16QAM	38750	1RB#49	21.39	23.66	PASS

40(2305-2315)	10MHz	QPSK	38750	25RB#0	21.02	23.29	PASS
40(2305-2315)	10MHz	16QAM	38750	25RB#0	21.90	24.17	PASS
40(2305-2315)	10MHz	QPSK	38750	25RB#12	22.02	24.29	PASS
40(2305-2315)	10MHz	16QAM	38750	25RB#12	21.89	24.16	PASS
40(2305-2315)	10MHz	QPSK	38750	25RB#25	21.99	24.26	PASS
40(2305-2315)	10MHz	16QAM	38750	25RB#25	21.91	24.18	PASS
40(2305-2315)	10MHz	QPSK	38750	50RB#0	21.94	24.21	PASS
40(2305-2315)	10MHz	16QAM	38750	50RB#0	21.58	23.85	PASS
40(2305-2315)	10MHz	QPSK	38775	1RB#0	22.40	24.67	PASS
40(2305-2315)	10MHz	16QAM	38775	1RB#0	21.89	24.16	PASS
40(2305-2315)	10MHz	QPSK	38775	1RB#24	22.12	24.39	PASS
40(2305-2315)	10MHz	16QAM	38775	1RB#24	21.89	24.16	PASS
40(2305-2315)	10MHz	QPSK	38775	1RB#49	21.22	23.49	PASS
40(2305-2315)	10MHz	16QAM	38775	1RB#49	21.93	24.20	PASS
40(2305-2315)	10MHz	QPSK	38775	25RB#0	22.20	24.47	PASS
40(2305-2315)	10MHz	16QAM	38775	25RB#0	21.85	24.12	PASS
40(2305-2315)	10MHz	QPSK	38775	25RB#12	21.98	24.25	PASS
40(2305-2315)	10MHz	16QAM	38775	25RB#12	22.83	25.10	PASS
40(2305-2315)	10MHz	QPSK	38775	25RB#25	22.01	24.28	PASS
40(2305-2315)	10MHz	16QAM	38775	25RB#25	21.86	24.13	PASS
40(2305-2315)	10MHz	QPSK	38775	50RB#0	22.02	24.29	PASS
40(2305-2315)	10MHz	16QAM	38775	50RB#0	22.42	24.69	PASS
40(2305-2315)	10MHz	QPSK	38800	1RB#0	22.31	24.58	PASS
40(2305-2315)	10MHz	16QAM	38800	1RB#0	21.16	23.43	PASS
40(2305-2315)	10MHz	QPSK	38800	1RB#24	22.12	24.39	PASS
40(2305-2315)	10MHz	16QAM	38800	1RB#24	22.05	24.32	PASS
40(2305-2315)	10MHz	QPSK	38800	1RB#49	21.13	23.40	PASS
40(2305-2315)	10MHz	16QAM	38800	1RB#49	21.07	23.34	PASS
40(2305-2315)	10MHz	QPSK	38800	25RB#0	21.98	24.25	PASS
40(2305-2315)	10MHz	16QAM	38800	25RB#0	21.90	24.17	PASS
40(2305-2315)	10MHz	QPSK	38800	25RB#12	21.08	23.35	PASS
40(2305-2315)	10MHz	16QAM	38800	25RB#12	21.87	24.14	PASS
40(2305-2315)	10MHz	QPSK	38800	25RB#25	21.05	23.32	PASS
40(2305-2315)	10MHz	16QAM	38800	25RB#25	21.78	24.05	PASS
40(2305-2315)	10MHz	QPSK	38800	50RB#0	22.02	24.29	PASS
40(2305-2315)	10MHz	16QAM	38800	50RB#0	22.23	24.50	PASS
40(2350-2360)	5MHz	QPSK	39125	1RB#0	21.87	24.14	PASS
40(2350-2360)	5MHz	16QAM	39125	1RB#0	21.94	24.21	PASS
40(2350-2360)	5MHz	QPSK	39125	12RB#0	21.83	24.10	PASS
40(2350-2360)	5MHz	16QAM	39125	12RB#0	21.64	23.91	PASS
40(2350-2360)	5MHz	QPSK	39125	12RB#6	21.71	23.98	PASS
40(2350-2360)	5MHz	16QAM	39125	12RB#6	22.65	24.92	PASS

40(2350-2360)	5MHz	QPSK	39125	12RB#13	21.77	24.04	PASS
40(2350-2360)	5MHz	16QAM	39125	12RB#13	21.69	23 固自由	PASS
40(2350-2360)	5MHz	QPSK	39125	25RB#0	21.73	24.00	PASS
40(2350-2360)	5MHz	16QAM	39125	25RB#0	21.61	23.88	PASS
40(2350-2360)	5MHz	QPSK	39175	1RB#0	21.87	24.14	PASS
40(2350-2360)	5MHz	16QAM	39175	1RB#0	21.91	24.18	PASS
40(2350-2360)	5MHz	QPSK	39175	1RB#12	21.88	24.15	PASS
40(2350-2360)	5MHz	16QAM	39175	1RB#12	21.90	24.17	PASS
40(2350-2360)	5MHz	QPSK	39175	1RB#24	21.88	24.15	PASS
40(2350-2360)	5MHz	16QAM	39175	1RB#24	21.93	24.20	PASS
40(2350-2360)	5MHz	QPSK	39175	12RB#0	21.76	24.03	PASS
40(2350-2360)	5MHz	16QAM	39175	12RB#0	21.55	23.82	PASS
40(2350-2360)	5MHz	QPSK	39175	12RB#6	21.76	24.03	PASS
40(2350-2360)	5MHz	16QAM	39175	12RB#6	21.56	23.83	PASS
40(2350-2360)	5MHz	QPSK	39175	12RB#13	21.81	24.08	PASS
40(2350-2360)	5MHz	16QAM	39175	12RB#13	21.60	23.87	PASS
40(2350-2360)	5MHz	QPSK	39175	25RB#0	21.78	24.05	PASS
40(2350-2360)	5MHz	16QAM	39175	25RB#0	21.57	23.84	PASS
40(2350-2360)	5MHz	QPSK	39225	1RB#0	21.91	24.18	PASS
40(2350-2360)	5MHz	16QAM	39225	1RB#0	21.23	23.50	PASS
40(2350-2360)	5MHz	QPSK	39225	1RB#12	21.90	24.17	PASS
40(2350-2360)	5MHz	16QAM	39225	1RB#12	21.28	23.55	PASS
40(2350-2360)	5MHz	QPSK	39225	1RB#24	21.86	24.13	PASS
40(2350-2360)	5MHz	16QAM	39225	1RB#24	22.27	24.54	PASS
40(2350-2360)	5MHz	QPSK	39225	12RB#0	21.82	24.09	PASS
40(2350-2360)	5MHz	16QAM	39225	12RB#0	21.63	23.90	PASS
40(2350-2360)	5MHz	QPSK	39225	12RB#6	21.82	24.09	PASS
40(2350-2360)	5MHz	16QAM	39225	12RB#6	21.63	23.90	PASS
40(2350-2360)	5MHz	QPSK	39225	12RB#13	21.87	24.14	PASS
40(2350-2360)	5MHz	16QAM	39225	12RB#13	21.67	23.94	PASS
40(2350-2360)	5MHz	QPSK	39225	25RB#0	21.85	24.12	PASS
40(2350-2360)	5MHz	16QAM	39225	25RB#0	21.69	23.96	PASS
40(2350-2360)	10MHz	QPSK	39150	1RB#0	21.88	24.15	PASS
40(2350-2360)	10MHz	16QAM	39150	1RB#0	21.11	23.38	PASS
40(2350-2360)	10MHz	QPSK	39150	1RB#24	21.89	24.16	PASS
40(2350-2360)	10MHz	16QAM	39150	1RB#24	22.06	24.33	PASS
40(2350-2360)	10MHz	QPSK	39150	1RB#49	21.81	24.06	PASS
40(2350-2360)	10MHz	16QAM	39150	1RB#49	21.14	23.41	PASS
40(2350-2360)	10MHz	QPSK	39150	25RB#0	21.68	23.95	PASS
40(2350-2360)	10MHz	16QAM	39150	25RB#0	21.61	23.88	PASS
40(2350-2360)	10MHz	QPSK	39150	25RB#12	21.76	24.03	PASS
40(2350-2360)	10MHz	16QAM	39150	25RB#12	21.60	23.87	PASS

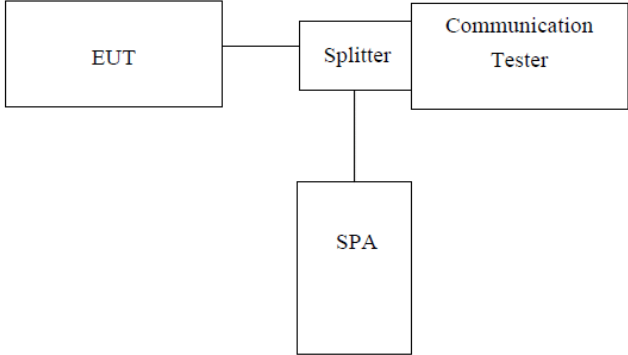
40(2350-2360)	10MHz	QPSK	39150	25RB#25	21.80	24.07	PASS
40(2350-2360)	10MHz	16QAM	39150	25RB#25	21.61	23.88	PASS
40(2350-2360)	10MHz	QPSK	39150	50RB#0	21.78	24.05	PASS
40(2350-2360)	10MHz	16QAM	39150	50RB#0	21.73	24.00	PASS
40(2350-2360)	10MHz	QPSK	39175	1RB#0	21.65	23.92	PASS
40(2350-2360)	10MHz	16QAM	39175	1RB#0	21.58	23.85	PASS
40(2350-2360)	10MHz	QPSK	39175	1RB#24	21.95	24.22	PASS
40(2350-2360)	10MHz	16QAM	39175	1RB#24	21.62	23.89	PASS
40(2350-2360)	10MHz	QPSK	39175	1RB#49	22.00	24.27	PASS
40(2350-2360)	10MHz	16QAM	39175	1RB#49	21.58	23.85	PASS
40(2350-2360)	10MHz	QPSK	39175	25RB#0	21.77	24.04	PASS
40(2350-2360)	10MHz	16QAM	39175	25RB#0	21.58	23.85	PASS
40(2350-2360)	10MHz	QPSK	39175	25RB#12	21.82	24.09	PASS
40(2350-2360)	10MHz	16QAM	39175	25RB#12	21.54	23.81	PASS
40(2350-2360)	10MHz	QPSK	39175	25RB#25	21.88	24.15	PASS
40(2350-2360)	10MHz	16QAM	39175	25RB#25	21.67	23.94	PASS
40(2350-2360)	10MHz	QPSK	39175	50RB#0	21.81	24.06	PASS
40(2350-2360)	10MHz	16QAM	39175	50RB#0	21.59	23.86	PASS
40(2350-2360)	10MHz	QPSK	39200	1RB#0	22.13	24.40	PASS
40(2350-2360)	10MHz	16QAM	39200	1RB#0	21.90	24.17	PASS
40(2350-2360)	10MHz	QPSK	39200	1RB#24	21.98	24.25	PASS
40(2350-2360)	10MHz	16QAM	39200	1RB#0	21.93	24.20	PASS
40(2350-2360)	10MHz	QPSK	39200	1RB#49	22.02	24.29	PASS
40(2350-2360)	10MHz	16QAM	39200	1RB#49	21.98	24.25	PASS
40(2350-2360)	10MHz	QPSK	39200	25RB#0	21.75	24.02	PASS
40(2350-2360)	10MHz	16QAM	39200	25RB#0	21.63	23.90	PASS
40(2350-2360)	10MHz	QPSK	39200	25RB#12	21.85	24.12	PASS
40(2350-2360)	10MHz	16QAM	39200	25RB#12	21.65	23.92	PASS
40(2350-2360)	10MHz	QPSK	39200	25RB#25	21.91	24.18	PASS
40(2350-2360)	10MHz	16QAM	39200	25RB#25	21.71	23.98	PASS
40(2350-2360)	10MHz	QPSK	39200	50RB#0	21.78	24.05	PASS
40(2350-2360)	10MHz	16QAM	39200	50RB#0	21.67	23.94	PASS

7.4 Peak-to-Average Ratio

Test Requirement:	FCC Part 2.1046, Part 22.913, Part 27.50
Test Method:	FCC KDB 971168 D01 V03r01 & ANSI C63.26
Limit:	13db
Test setup:	 <pre> graph LR CC[Control Computer] --> EUT[EUT] PS[Power Supply] --> EUT subgraph EUT direction TB CP[Control port(s)] AP[Antenna port(s)] PP[Power port] end AP <--> PD[Power Divider] PD --> WC[Wireless Communication] PD --> SA[Spectrum Analyzer] </pre>
Test Instruments:	Refer to section 6.0 for details
Test mode:	Refer to section 7.1 for details
Test results:	Pass

Measurement data: please refer to the LTE Module certificate (FCC ID: 2BL5O-ZX800-SG, Report No.: RF241031011-01-002)

7.5 Occupy Bandwidth

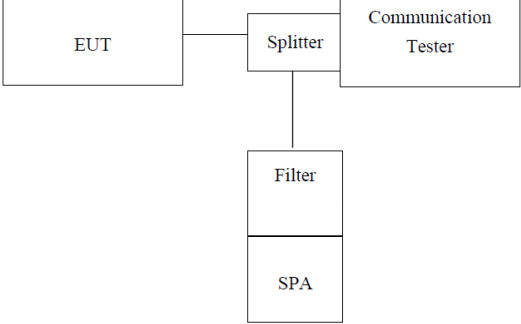
Test Requirement:	FCC Part 2.1049, Part 22.917(a), FCC Part 27.53(a)
Test Method:	FCC KDB 971168 D01 V03r01
Test setup:	 <i>Note: Measurement setup for testing on Antenna connector</i>
Test Procedure:	1. The EUT's output RF connector was connected with a short cable to the spectrum analyzer 2. RBW was set to about 1% of emission BW, VBW= 3 times RBW. 3. -26dBc display line was placed on the screen (or 99% bandwidth), the occupied bandwidth is the delta frequency between the two points where the display line intersects the signal trace.
Test Instruments:	Refer to section 6.0 for details
Test mode:	Refer to section 7.1 for details
Test results:	Pass

Measurement Data: please refer to the LTE Module certificate (FCC ID: 2BL50-ZX800-SG, Report No.: RF241031011-01-002)

7.6 MODULATION CHARACTERISTIC

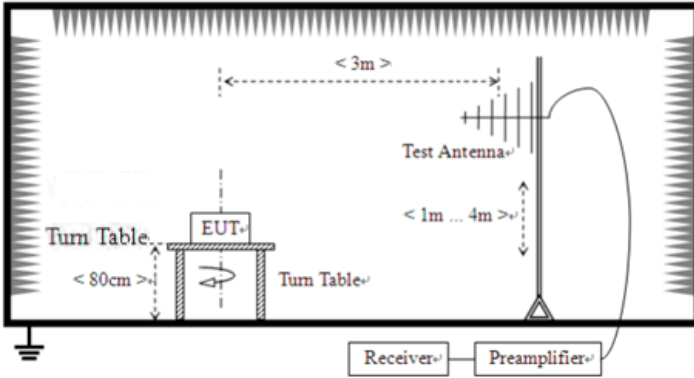
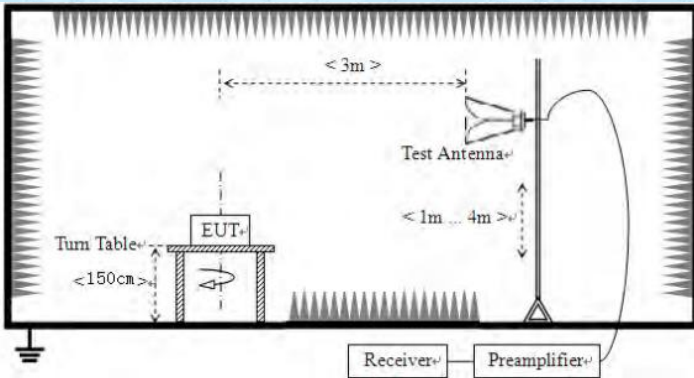
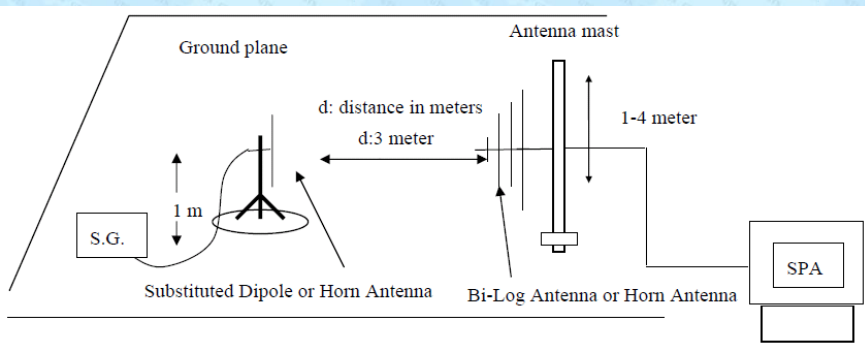
According to FCC § 2.1047(d), Part 27 there is no specific requirement for digital modulation, therefore modulation characteristic is not presented.

7.7 Out of band emission at antenna terminals

Test Requirement:	FCC Part 2.1051, Part 22.917(b), Part 27.53(b)
Test Method:	FCC Part 2.1051 & FCC KDB 971168 D01 V03r01
Test setup:	 <i>Note: Measurement setup for testing on Antenna connector</i>
Test Procedure:	1 The RF output of the transceiver was connected to a spectrum analyzer through appropriate attenuation. 2 The resolution bandwidth of the spectrum analyzer was set at 1MHz, sufficient scans were taken to show the out of band Emissions if any up to 10th harmonic. 3 For the out of band: Set the RBW, VBW = 1MHz, Start=30MHz, Stop= 10th harmonic. 4 Band Edge Requirements: In the 1 MHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of at least 1 percent of the emission bandwidth of the fundamental emission of the transmitter may be employed to measure the out of band Emissions.
Test Instruments:	Refer to section 6.0 for details
Test mode:	Refer to section 7.1 for details
Test results:	Pass

Measurement Data: please refer to the LTE Module certificate (FCC ID: 2BL50-ZX800-SG, Report No.: RF241031011-01-002)

7.8 Field strength of spurious radiation measurement

Test Requirement:	FCC Part 2.1053, Part 22.917(c), Part 27.53(b)
Test Method:	FCC Part 2.1053 and ANSI C63.26:2015
Test setup:	Below 1GHz  Above 1GHz  Substituted method: 
Test Instruments:	Refer to section 6.0 for details
Test mode:	Refer to section 7.1 for details
Test results:	Pass

Measurement Data:
All condition were test, only report worst case.

LTE Band 38 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5115.21	-34.41	12.66	15.86	-37.61	-25.00	-12.61	H
7672.61	-34.91	11.46	19.28	-42.73	-25.00	-17.73	H
10230.13	-32.23	12.79	23.19	-42.63	-25.00	-17.63	H
4996.82	-35.28	12.66	15.86	-38.48	-25.00	-13.48	V
7495.55	-34.26	11.46	19.28	-42.08	-25.00	-17.08	V
9994.22	-32.73	12.79	23.19	-43.13	-25.00	-18.13	V
LTE Band 38 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5209.86	-33.91	12.72	15.86	-37.05	-25.00	-12.05	H
7815.02	-34.79	11.46	19.28	-42.61	-25.00	-17.61	H
10420.27	-32.50	12.09	23.19	-43.60	-25.00	-18.60	H
5209.86	-35.43	12.72	15.86	-38.57	-25.00	-13.57	V
7815.02	-34.10	11.46	19.28	-41.92	-25.00	-16.92	V
10420.27	-32.34	12.09	23.19	-43.44	-25.00	-18.44	V
LTE Band 38 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5305.01	-33.78	12.76	15.86	-36.88	-25.00	-11.88	H
7957.38	-34.92	11.45	19.28	-42.75	-25.00	-17.75	H
10610.20	-32.48	12.28	23.19	-43.39	-25.00	-18.39	H
5305.01	-36.00	12.76	15.86	-39.10	-25.00	-14.10	V
7957.38	-34.46	11.45	19.28	-42.29	-25.00	-17.29	V
10610.20	-32.60	12.28	23.19	-43.51	-25.00	-18.51	V

LTE Band 38 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5119.73	-34.77	12.66	15.86	-37.97	-25.00	-12.97	H
7680.06	-34.37	11.46	19.28	-42.19	-25.00	-17.19	H
10239.99	-33.60	12.79	23.19	-44.00	-25.00	-19.00	H
5119.73	-35.20	12.66	15.86	-38.40	-25.00	-13.40	V
7680.06	-34.41	11.46	19.28	-42.23	-25.00	-17.23	V
10239.99	-31.79	12.79	23.19	-42.19	-25.00	-17.19	V
LTE Band 38 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5210.18	-34.47	12.72	15.86	-37.61	-25.00	-12.61	H
7815.16	-34.70	11.46	19.28	-42.52	-25.00	-17.52	H
10420.17	-32.78	12.09	23.19	-43.88	-25.00	-18.88	H
5210.18	-35.70	12.72	15.86	-38.84	-25.00	-13.84	V
7815.16	-33.90	11.46	19.28	-41.72	-25.00	-16.72	V
10420.17	-32.88	12.09	23.19	-43.98	-25.00	-18.98	V
LTE Band 38 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5299.97	-34.44	12.76	15.86	-37.54	-25.00	-12.54	H
7950.12	-34.17	11.45	19.28	-42.00	-25.00	-17.00	H
10599.87	-32.27	12.28	23.19	-43.18	-25.00	-18.18	H
5299.97	-34.92	12.76	15.86	-38.02	-25.00	-13.02	V
7950.12	-34.27	11.45	19.28	-42.10	-25.00	-17.10	V
10599.87	-32.89	12.28	23.19	-43.80	-25.00	-18.80	V

LTE Band 38 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5125.08	-33.81	12.66	15.86	-37.01	-25.00	-12.01	H
7687.80	-34.89	11.46	19.28	-42.71	-25.00	-17.71	H
10250.37	-32.23	12.79	23.19	-42.63	-25.00	-17.63	H
5125.08	-35.31	12.66	15.86	-38.51	-25.00	-13.51	V
7687.80	-34.76	11.46	19.28	-42.58	-25.00	-17.58	V
10250.37	-31.83	12.79	23.19	-42.23	-25.00	-17.23	V
LTE Band 38 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5210.17	-34.93	12.72	15.86	-38.07	-25.00	-13.07	H
7814.92	-34.57	11.46	19.28	-42.39	-25.00	-17.39	H
10419.93	-33.35	12.09	23.19	-44.45	-25.00	-19.45	H
5210.17	-34.78	12.72	15.86	-37.92	-25.00	-12.92	V
7814.92	-35.00	11.46	19.28	-42.82	-25.00	-17.82	V
10419.93	-32.47	12.09	23.19	-43.57	-25.00	-18.57	V
LTE Band 38 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5297.97	-33.89	12.76	15.86	-36.99	-25.00	-11.99	H
7942.47	-34.79	11.45	19.28	-42.62	-25.00	-17.62	H
10589.87	-32.33	12.28	23.19	-43.24	-25.00	-18.24	H
5297.97	-35.38	12.76	15.86	-38.48	-25.00	-13.48	V
7942.47	-34.33	11.45	19.28	-42.16	-25.00	-17.16	V
10589.87	-32.51	12.28	23.19	-43.42	-25.00	-18.42	V

LTE Band 38 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5129.94	-33.78	12.66	15.86	-36.98	-25.00	-11.98	H
7695.13	-35.03	11.46	19.28	-42.85	-25.00	-17.85	H
10260.05	-32.36	12.79	23.19	-42.76	-25.00	-17.76	H
5129.94	-35.41	12.66	15.86	-38.61	-25.00	-13.61	V
7695.13	-34.52	11.46	19.28	-42.34	-25.00	-17.34	V
10260.05	-33.00	12.79	23.19	-43.40	-25.00	-18.40	V
LTE Band 38 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5209.86	-33.57	12.72	15.86	-36.71	-25.00	-11.71	H
7815.19	-34.32	11.46	19.28	-42.14	-25.00	-17.14	H
10420.34	-33.14	12.09	23.19	-44.24	-25.00	-19.24	H
5209.86	-35.99	12.72	15.86	-39.13	-25.00	-14.13	V
7815.19	-34.15	11.46	19.28	-41.97	-25.00	-16.97	V
10420.34	-33.09	12.09	23.19	-44.19	-25.00	-19.19	V
LTE Band 38 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5289.78	-34.51	12.76	15.86	-37.61	-25.00	-12.61	H
7935.15	-34.98	11.45	19.28	-42.81	-25.00	-17.81	H
10579.95	-32.50	12.28	23.19	-43.41	-25.00	-18.41	H
5289.78	-34.62	12.76	15.86	-37.72	-25.00	-12.72	V
7935.15	-34.97	11.45	19.28	-42.80	-25.00	-17.80	V
10579.95	-32.41	12.28	23.19	-43.32	-25.00	-18.32	V

2305 – 2315 MHz

LTE Band 40 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
4614.98	-45.00	12.91	12.95	-45.04	-40.00	-5.04	H
6922.47	-42.03	13.18	17.02	-45.87	-40.00	-5.87	H
9229.87	-35.72	12.45	21.78	-45.05	-40.00	-5.05	H
4614.98	-45.91	12.91	12.95	-45.95	-40.00	-5.95	V
6922.47	-41.87	13.18	17.02	-45.71	-40.00	-5.71	V
9229.87	-36.24	12.45	21.78	-45.57	-40.00	-5.57	V
LTE Band 40 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
4619.75	-45.04	12.91	12.95	-45.08	-40.00	-5.08	H
6929.85	-41.16	13.18	17.02	-45.00	-40.00	-5.00	H
9240.11	-35.96	12.45	21.78	-45.29	-40.00	-5.29	H
4619.75	-44.56	12.91	12.95	-44.60	-40.00	-4.60	V
6929.85	-41.21	13.18	17.02	-45.05	-40.00	-5.05	V
9240.11	-36.49	12.45	21.78	-45.82	-40.00	-5.82	V
LTE Band 40 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
4624.88	-44.89	12.91	12.95	-44.93	-40.00	-4.93	H
6937.29	-41.31	13.18	17.02	-45.15	-40.00	-5.15	H
9250.14	-36.10	12.45	21.78	-45.43	-40.00	-5.43	H
4624.88	-45.53	12.91	12.95	-45.57	-40.00	-5.57	V
6937.29	-41.26	13.18	17.02	-45.10	-40.00	-5.10	V
9250.14	-36.29	12.45	21.78	-45.62	-40.00	-5.62	V
LTE Band 40 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
4619.96	-45.56	12.91	12.95	-45.60	-40.00	-5.60	H
6930.21	-41.12	13.18	17.02	-44.96	-40.00	-4.96	H
9239.96	-35.21	12.45	21.78	-44.54	-40.00	-4.54	H
4619.96	-45.16	12.91	12.95	-45.20	-40.00	-5.20	V
6930.21	-40.79	13.18	17.02	-44.63	-40.00	-4.63	V
9239.96	-36.00	12.45	21.78	-45.33	-40.00	-5.33	V

2350 – 2360 MHz

LTE Band 40 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
4705.02	-44.86	12.91	12.95	-44.90	-40.00	-4.90	H
7056.91	-42.49	13.18	17.02	-46.33	-40.00	-6.33	H
9409.89	-35.84	12.45	21.78	-45.17	-40.00	-5.17	H
4705.02	-44.90	12.91	12.95	-44.94	-40.00	-4.94	V
7056.91	-41.08	13.18	17.02	-44.92	-40.00	-4.92	V
9409.89	-35.55	12.45	21.78	-44.88	-40.00	-4.88	V
LTE Band 40 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
4709.81	-45.42	12.91	12.95	-45.46	-40.00	-5.46	H
7065.08	-41.00	13.18	17.02	-44.84	-40.00	-4.84	H
9420.13	-36.04	12.45	21.78	-45.37	-40.00	-5.37	H
4709.81	-44.54	12.91	12.95	-44.58	-40.00	-4.58	V
7065.08	-42.12	13.18	17.02	-45.96	-40.00	-5.96	V
9420.13	-35.42	12.45	21.78	-44.75	-40.00	-4.75	V
LTE Band 40 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
4715.23	-44.61	12.91	12.95	-44.65	-40.00	-4.65	H
7072.20	-42.48	13.18	17.02	-46.32	-40.00	-6.32	H
9429.83	-35.83	12.45	21.78	-45.16	-40.00	-5.16	H
4715.23	-45.85	12.91	12.95	-45.89	-40.00	-5.89	V
7072.20	-41.00	13.18	17.02	-44.84	-40.00	-4.84	V
9429.83	-35.32	12.45	21.78	-44.65	-40.00	-4.65	V
LTE Band 40 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
4710.13	-45.30	12.91	12.95	-45.34	-40.00	-5.34	H
7065.22	-42.39	13.18	17.02	-46.23	-40.00	-6.23	H
9420.21	-35.23	12.45	21.78	-44.56	-40.00	-4.56	H
4710.13	-44.80	12.91	12.95	-44.84	-40.00	-4.84	V
7065.22	-41.26	13.18	17.02	-45.10	-40.00	-5.10	V
9420.21	-36.80	12.45	21.78	-46.13	-40.00	-6.13	V

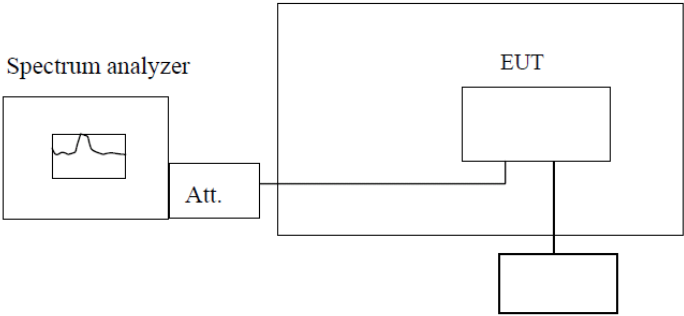
LTE Band 41 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
4997.00	-33.88	12.66	15.86	-37.08	-25.00	-12.08	H
7495.53	-34.00	11.46	19.28	-41.82	-25.00	-16.82	H
9993.89	-32.39	12.79	23.19	-42.79	-25.00	-17.79	H
4997.00	-34.54	12.66	15.86	-37.74	-25.00	-12.74	V
7495.53	-34.29	11.46	19.28	-42.11	-25.00	-17.11	V
9993.89	-32.80	12.79	23.19	-43.20	-25.00	-18.20	V
LTE Band 41 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5186.00	-34.25	12.72	15.86	-37.39	-25.00	-12.39	H
7778.99	-34.35	11.46	19.28	-42.17	-25.00	-17.17	H
10371.98	-33.64	12.09	23.19	-44.74	-25.00	-19.74	H
5186.00	-35.51	12.72	15.86	-38.65	-25.00	-13.65	V
7778.99	-34.82	11.46	19.28	-42.64	-25.00	-17.64	V
10371.98	-31.76	12.09	23.19	-42.86	-25.00	-17.86	V
LTE Band 41 / 5MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5374.85	-34.01	12.76	15.86	-37.11	-25.00	-12.11	H
8062.47	-34.42	11.45	19.28	-42.25	-25.00	-17.25	H
10750.02	-32.83	12.28	23.19	-43.74	-25.00	-18.74	H
5374.85	-35.10	12.76	15.86	-38.20	-25.00	-13.20	V
8062.47	-33.79	11.45	19.28	-41.62	-25.00	-16.62	V
10750.02	-32.68	12.28	23.19	-43.59	-25.00	-18.59	V

LTE Band 41 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5001.83	-34.89	12.66	15.86	-38.09	-25.00	-13.09	H
7502.96	-34.70	11.46	19.28	-42.52	-25.00	-17.52	H
10004.22	-33.30	12.79	23.19	-43.70	-25.00	-18.70	H
5001.83	-34.88	12.66	15.86	-38.08	-25.00	-13.08	V
7502.96	-35.06	11.46	19.28	-42.88	-25.00	-17.88	V
10004.22	-32.92	12.79	23.19	-43.32	-25.00	-18.32	V
LTE Band 41 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5185.93	-34.74	12.72	15.86	-37.88	-25.00	-12.88	H
7779.20	-34.64	11.46	19.28	-42.46	-25.00	-17.46	H
10372.23	-32.56	12.09	23.19	-43.66	-25.00	-18.66	H
5185.93	-34.66	12.72	15.86	-37.80	-25.00	-12.80	V
7779.20	-34.64	11.46	19.28	-42.46	-25.00	-17.46	V
10372.23	-31.90	12.09	23.19	-43.00	-25.00	-18.00	V
LTE Band 41 / 10MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5370.09	-33.99	12.76	15.86	-37.09	-25.00	-12.09	H
8055.25	-35.09	11.45	19.28	-42.92	-25.00	-17.92	H
10740.23	-32.20	12.28	23.19	-43.11	-25.00	-18.11	H
5370.09	-36.01	12.76	15.86	-39.11	-25.00	-14.11	V
8055.25	-34.58	11.45	19.28	-42.41	-25.00	-17.41	V
10740.23	-33.11	12.28	23.19	-44.02	-25.00	-19.02	V

LTE Band 41 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
5006.85	-34.90	12.66	15.86	-38.10	-25.00	-13.10	H
7510.73	-34.96	11.46	19.28	-42.78	-25.00	-17.78	H
10014.37	-32.96	12.79	23.19	-43.36	-25.00	-18.36	H
5006.85	-34.67	12.66	15.86	-37.87	-25.00	-12.87	V
7510.73	-34.70	11.46	19.28	-42.52	-25.00	-17.52	V
10014.37	-32.12	12.79	23.19	-42.52	-25.00	-17.52	V
LTE Band 41 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
5186.04	-34.38	12.72	15.86	-37.52	-25.00	-12.52	H
7779.22	-35.36	11.46	19.28	-43.18	-25.00	-18.18	H
10371.85	-32.96	12.09	23.19	-44.06	-25.00	-19.06	H
5186.04	-34.84	12.72	15.86	-37.98	-25.00	-12.98	V
7779.22	-34.44	11.46	19.28	-42.26	-25.00	-17.26	V
10371.85	-31.80	12.09	23.19	-42.90	-25.00	-17.90	V
LTE Band 41 / 15MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea	Limit	Margin	Polarity
				(dBm)	(dBm)	(dBm)	
5365.11	-33.83	12.76	15.86	-36.93	-25.00	-11.93	H
8047.52	-34.16	11.45	19.28	-41.99	-25.00	-16.99	H
10729.81	-33.47	12.28	23.19	-44.38	-25.00	-19.38	H
5365.11	-35.87	12.76	15.86	-38.97	-25.00	-13.97	V
8047.52	-34.26	11.45	19.28	-42.09	-25.00	-17.09	V
10729.81	-32.10	12.28	23.19	-43.01	-25.00	-18.01	V

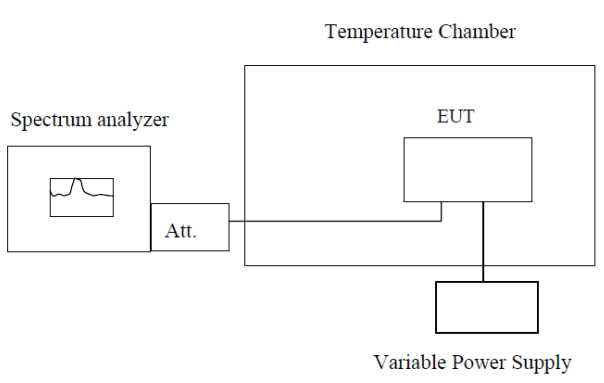
LTE Band 41 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Lowest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5012.32	-34.25	12.66	15.86	-37.45	-25.00	-12.45	H
7518.09	-34.66	11.46	19.28	-42.48	-25.00	-17.48	H
10023.87	-33.61	12.79	23.19	-44.01	-25.00	-19.01	H
5012.32	-35.56	12.66	15.86	-38.76	-25.00	-13.76	V
7518.09	-34.83	11.46	19.28	-42.65	-25.00	-17.65	V
10023.87	-32.14	12.79	23.19	-42.54	-25.00	-17.54	V
LTE Band 41 /20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Middle							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5185.90	-33.90	12.72	15.86	-37.04	-25.00	-12.04	H
7779.29	-35.13	11.46	19.28	-42.95	-25.00	-17.95	H
10372.16	-33.26	12.09	23.19	-44.36	-25.00	-19.36	H
5185.90	-35.73	12.72	15.86	-38.87	-25.00	-13.87	V
7779.29	-34.64	11.46	19.28	-42.46	-25.00	-17.46	V
10372.16	-32.36	12.09	23.19	-43.46	-25.00	-18.46	V
LTE Band 41 / 20MHz / QPSK / RB Size 1 Offset 0/ The Worst Test Results for Highest							
Frequency(MHz)	S G.Lev (dBm)	Ant(dBi)	Loss	PMea (dBm)	Limit (dBm)	Margin (dBm)	Polarity
5359.80	-34.36	12.76	15.86	-37.46	-25.00	-12.46	H
8040.03	-35.03	11.45	19.28	-42.86	-25.00	-17.86	H
10719.81	-32.40	12.28	23.19	-43.31	-25.00	-18.31	H
5359.80	-35.36	12.76	15.86	-38.46	-25.00	-13.46	V
8040.03	-34.06	11.45	19.28	-41.89	-25.00	-16.89	V
10719.81	-32.49	12.28	23.19	-43.40	-25.00	-18.40	V

7.9 Frequency stability V.S. Temperature measurement

Test Requirement:	FCC Part2.1055
Test Method:	FCC Part2.1055
Limit:	2.5ppm
Test setup:	Temperature Chamber  Variable Power Supply Note : Measurement setup for testing on Antenna connector
Test procedure:	1. The equipment under test was connected to an external DC power supply and input rated voltage. 2. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. 3. The EUT was placed inside the temperature chamber. 4. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and measure EUT 25°C operating frequency as reference frequency. 5. Turn EUT off and set the chamber temperature to –20°C. After the temperature stabilized for approximately 30 minutes recorded the frequency. 6. Repeat step measure with 10°C increased per stage until the highest temperature of +50°C reached.
Test Instruments:	Refer to section 6.0 for details
Test mode:	Refer to section 7.1 for details
Test results:	Pass

Measurement Data: please refer to the LTE Module certificate (FCC ID: 2BL50-ZX800-SG, Report No.: RF241031011-01-002)

7.10 Frequency stability V.S. Voltage measurement

Test Requirement:	FCC Part2.1055
Test Method:	FCC Part2.1055
Limit:	2.5ppm
Test setup:	 Note : Measurement setup for testing on Antenna connector
Test procedure:	1. Set chamber temperature to 25°C. Use a variable DC power source to power the EUT and set the voltage to rated voltage. 2. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and recorded the frequency. 3. Reduce the input voltage to specified extreme voltage variation (+/- 15%) and endpoint, record the maximum frequency change.
Test Instruments:	Refer to section 6.0 for details
Test mode:	Refer to section 7.1 for details
Test results:	Pass

Measurement Data: please refer to the LTE Module certificate (FCC ID: 2BL50-ZX800-SG, Report No.: RF241031011-01-002)

8 Test setup photo

Reference to the **appendix I** for details.

9 EUT Construcational Details

Reference to the **appendix II** and **appendix III** for details.

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