

FCC REPORT

(LTE)

Applicant: Baicells Technologies Co., Ltd.

Address of Applicant: 9-10F, 1stBldg., No.81BeiqingRoad, Haidian District, Beijing, China

Equipment Under Test (EUT)

Product Name: LTE Outdoor CPE

Model No.: EG8015G-M19

Trade mark: Baicells

FCC ID: 2AG32EG8015GM19

Applicable standards: FCC CFR Title 47 Part 2
FCC CFR Title 47 Part 27 Subpart M

Date of sample receipt: 02 Feb., 2021

Date of Test: 03 Feb., to 19 Apr., 2021

Date of report issued: 26 Apr., 2021

Test Result: PASS*

*In the configuration tested, the EUT complied with the standards specified above.

Authorized Signature:



Bruce Zhang
Laboratory Manager

This report details the results of the testing carried out on one sample. The results contained in this test report do not relate to other samples of the same product and does not permit the use of the JYT product certification mark. The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report.

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2. Version

Version No.	Date	Description
00	20 Apr., 2021	Original
01	26 Apr., 2021	Update page 10~13

Tested by: Mike Ou **Date:** 26 Apr., 2021
Test Engineer

Reviewed by: Winner Zhang **Date:** 26 Apr., 2021
Project Engineer

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4. Test Summary

Test Items	Section in CFR 47	Result
RF Exposure (SAR)	Part 1.1307 Part 2.1093	Passed (Please refer to SAR Report)
RF Output Power	Part 27.50 (h)(2)	Pass
Peak-to-Average Ratio	Part 27.50(d)(5)	Pass
Modulation Characteristics	Part 2.1047	Pass
99% & -26 dB Occupied Bandwidth	Part 2.1049 Part 27.53(m)	Pass
Out of band emission at antenna terminals	Part 2.1053 Part 27.53(m)	Pass
Field strength of spurious radiation	Part 27.53(m)	Pass
Frequency stability vs. temperature	Part 27.54 Part 2.1055(a)(1)(b)	Pass
Frequency stability vs. voltage	Part 27.54 Part 2.1055(d)(2)	Pass
Remark: 1. Pass: The EUT complies with the essential requirements in the standard. 2. The cable insertion loss used by "RF Output Power" and other conduction measurement items is 0.5dB(Fundamental Frequency below 1GHz)/1.0dB(Fundamental Frequency above 1GHz) (provided by the customer).		
Test Method:	ANSI/TIA-603-E-2016 ANSI C63.26-2015	

5. General Information

5.1 Client Information

Applicant:	Baicells Technologies Co., Ltd.
Address:	9-10F, 1stBldg., No.81BeiqingRoad, Haidian District, Beijing, China
Manufacturer:	Baicells Technologies Co., Ltd.
Address:	9-10F, 1stBldg., No.81BeiqingRoad, Haidian District, Beijing, China

5.2 General Description of E.U.T.

Product Name:	LTE Outdoor CPE
Model No.:	EG8015G-M19
Operation Frequency range:	LTE Band 41: TX: 2496MHz-2690MHz RX: 2496 MHz-2690 MHz
Modulation type:	Uplink: QPSK, 16QAM, 64QAM
	Downlink: QPSK, 16QAM, 64QAM, 256QAM
Antenna type:	Internal Antenna
Antenna gain:	LTE Band 41: 15.0 dBi(declare by Applicant)
AC adapter:	Model: G0720-240-050
	Input: AC100-240V 50/60Hz 0.75A
	Output: DC 24.0V=== 0.5A
Test Sample Condition:	The applicant provided engineering samples for staying in continuously transmitting for testing.

Operation Frequency List:

LTE Band 41 (5MHz)		LTE Band 41 (10MHz)	
Channel	Frequency (MHz)	Channel	Frequency (MHz)
39675	2498.50	39700	2501.00
39676	2498.60	39701	2501.10
....			
40619	2592.90	40619	2592.90
40620	2593.00	40620	2593.00
40621	2593.10	40621	2593.10
...	...	...	...
41564	2687.40	41539	2684.90
41565	2687.50	41540	2685.00
LTE Band 41 (15MHz)		LTE Band 41 (20MHz)	
Channel	Frequency (MHz)	Channel	Frequency (MHz)
39725	2503.50	39750	2506.00
39726	2503.60	39751	2506.10
....			
40619	2592.90	40619	2592.90
40620	2593.00	40620	2593.00
40621	2593.10	40621	2593.10
...	...	...	...
41514	2682.40	41489	2679.10
41515	2682.50	41490	2680.00

Regards to the operating frequency range, the lowest frequency, the middle frequency, and the highest frequency of channel were selected to perform the test, and the selected channels as below:

LTE Band 41 (5MHz)			LTE Band 41 (10MHz)		
Channel		Frequency (MHz)	Channel		Frequency (MHz)
Lowest channel	39675	2498.5	Lowest channel	39700	2501.0
Middle channel	40620	2593.0	Middle channel	40620	2593.0
Highest channel	41565	2687.5	Highest channel	41540	2685.0
LTE Band 41 (15MHz)			LTE Band 41 (20MHz)		
Channel		Frequency (MHz)	Channel		Frequency (MHz)
Lowest channel	39725	2503.5	Lowest channel	39750	2506.0
Middle channel	40620	2593.0	Middle channel	40620	2593.0
Highest channel	41515	2682.5	Highest channel	41490	2680.0

5.3 Test environment and mode

Operating Environment:	
Temperature:	Normal: 15°C ~ 35°C, Extreme: -30°C ~ +50°C
Humidity:	20 % ~ 75 % RH
Atmospheric Pressure:	1008 mbar
Voltage:	Nominal: 120Vac, Extreme: Low 102Vac, High 138Vac
Test mode:	
LTE QPSK mode	Keep the EUT communication with simulated station in QPSK mode
LTE 16-QAM mode	Keep the EUT communication with simulated station in 16-QAM mode
LTE 64-QAM mode	Keep the EUT communication with simulated station in 64-QAM mode
Remark: The EUT has been tested under continuous transmitting mode. Channel Low, Mid and High for each type band with rated data rate were chosen for full testing. The field strength of spurious radiation emission was measured as EUT stand-up position (H mode) and lie down position (E1, E2 mode) for these modes. Just the worst case position (H mode) shown in report.	

5.4 Description of Support Units

Test Equipment	Manufacturer	Model No.	Serial No.
Simulated Station	Anritsu	MT8820C	6201026545

5.5 Measurement Uncertainty

Parameters	Expanded Uncertainty
Radiated Emission (9kHz ~ 30MHz)	±3.12 dB (k=2)
Radiated Emission (30MHz ~ 1000MHz)	±4.32 dB (k=2)
Radiated Emission (1GHz ~ 18GHz)	±5.16 dB (k=2)
Radiated Emission (18GHz ~ 40GHz)	±3.20 dB (k=2)

5.6 Related Submittal(s) / Grant (s)

This is an original grant, no related submittals and grants.
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5.7 Additions to, deviations, or exclusions from the method

No

5.8 Laboratory Facility

The test facility is recognized, certified, or accredited by the following organizations: ● FCC - Designation No.: CN1211 JianYan Testing Group Shenzhen Co., Ltd. has been accredited as a testing laboratory by FCC (Federal Communications Commission). The test firm Registration No. is 727551. ● ISED – CAB identifier.: CN0021 The 3m Semi-anechoic chamber of JianYan Testing Group Shenzhen Co., Ltd. has been Registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 10106A-1. ● A2LA - Registration No.: 4346.01 This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 General requirements for the competence of testing and calibration laboratories. The test scope can be found as below link: https://portal.a2la.org/scopepdf/4346-01.pdf

5.9 Laboratory Location

JianYan Testing Group Shenzhen Co., Ltd.

Address: No.101, Building 8, Innovation Wisdom Port, No.155 Hongtian Road, Huangpu Community, Xinqiao Street, Bao'an District, Shenzhen, Guangdong, People's Republic of China.

Tel: +86-755-23118282, Fax: +86-755-23116366

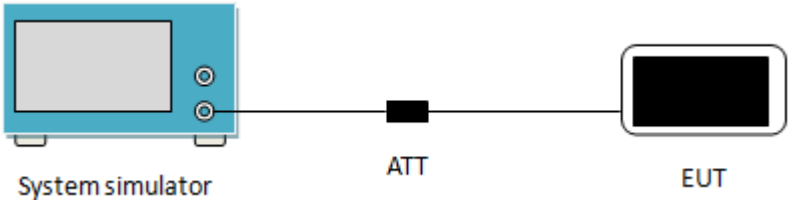
Email: info@ccis-cb.com, Website: <http://www.ccis-cb.com>

5.10 Test Instruments list

Test Equipment	Manufacturer	Model No.	Serial No.	Cal. Date (mm-dd-yy)	Cal. Due date (mm-dd-yy)
3m SAC	ETS	9m*6m*6m	966	01-19-2021	01-18-2024
BiConiLog Antenna	SCHWARZBECK	VULB9163	497	03-03-2020	03-02-2021
				03-03-2021	03-02-2022
Biconical Antenna	SCHWARZBECK	VUBA9117	359	06-18-2020	06-17-2021
Horn Antenna	SCHWARZBECK	BBHA9120D	916	03-03-2020	03-02-2021
				03-03-2021	03-02-2022
Horn Antenna	SCHWARZBECK	BBHA9120D	1805	06-18-2020	06-17-2021
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170582	11-18-2020	11-17-2021
EMI Test Software	AUDIX	E3	Version: 6.110919b		
Pre-amplifier	HP	8447D	2944A09358	03-03-2020	03-02-2021
				03-03-2021	03-02-2022
Pre-amplifier	CD	PAP-1G18	11804	03-03-2020	03-02-2021
				03-03-2021	03-02-2022
Spectrum analyzer	Rohde & Schwarz	FSP30	101454	03-03-2020	03-02-2021
				03-03-2021	03-02-2022
Spectrum analyzer	Rohde & Schwarz	FSP40	100363	11-18-2020	11-17-2021
EMI Test Receiver	Rohde & Schwarz	ESRP7	101070	03-03-2020	03-02-2021
				03-03-2021	03-02-2022
Spectrum Analyzer	Agilent	N9020A	MY50510123	11-18-2020	11-17-2021
Signal Generator	Rohde & Schwarz	SMX	835454/016	03-03-2020	03-02-2021
				03-03-2021	03-02-2022
Signal Generator	R&S	SMR20	1008100050	03-03-2020	03-02-2021
				03-03-2021	03-02-2022
RF Switch Unit	MWRFTTEST	MW200	N/A	N/A	N/A
Test Software	MWRFTTEST	MTS8200	Version: 2.0.0.0		
Cable	ZDECL	Z108-NJ-NJ-81	1608458	03-03-2020	03-02-2021
				03-03-2021	03-02-2022
Cable	MICRO-COAX	MFR64639	K10742-5	03-03-2020	03-02-2021
				03-03-2021	03-02-2022
Cable	SUHNER	SUCOFLEX100	58193/4PE	03-03-2020	03-02-2021
				03-03-2021	03-02-2022
DC Power Supply	XinNuoEr	WYK-10020K	1409050110020	09-25-2020	09-24-2021
Temperature Humidity Chamber	HengPu	HPGDS-500	20140828008	11-01-2020	10-31-2021
Simulated Station	Rohde & Schwarz	CMW500	140493	07-22-2020	07-21-2021

6. Test results

6.1 Conducted Output Power

Test Requirement:	Part 27.50 (h)(2)
Limit:	Mobile and other user stations. Mobile stations are limited to 2.0 watts EIRP. All user stations are limited to 2.0 watts transmitter output power.
Test Setup:	 The diagram illustrates the test setup. On the left is a blue box labeled 'System simulator'. A line connects it to a black box labeled 'ATT' (attenuator). Another line connects the 'ATT' box to a black box labeled 'EUT' (Equipment Under Test).
Test Procedure:	The transmitter output was connected to a calibrated attenuator, the other end of which was connected to the CMW500. Transmitter output power was read off in dBm.
Test Instruments:	Refer to section 5.10 for details
Test mode:	Refer to section 5.3 for details
Test results:	Passed

Measurement Data:

ANT. Port	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)		
					39675	40620	41565
					2498.5MHz	2593.00MHz	2687.50MHz
ANT0	5	QPSK	1	0	22.02	21.79	23.23
			1	12	22.65	21.69	23.03
			1	24	22.23	21.47	22.86
			12	0	22.52	22.07	23.54
			12	6	22.51	22.06	23.53
			12	11	22.44	21.64	23.00
			25	0	21.30	20.52	21.93
ANT1		QPSK	1	0	22.41	21.74	23.46
			1	12	22.64	22.19	23.28
			1	24	22.33	21.84	23.13
			12	0	22.77	22.26	23.82
			12	6	22.75	22.25	23.81
			12	11	22.47	22.06	23.30
			25	0	21.40	20.88	22.21
ANT0	5	64QAM	1	0	21.03	21.00	22.23
			1	12	21.69	20.97	22.09
			1	24	21.33	20.76	21.92
			12	0	21.32	20.95	22.33
			12	6	21.30	20.94	22.33
			12	11	21.30	20.54	21.91
			25	0	20.21	20.04	20.83
ANT1		64QAM	1	0	21.32	21.09	22.65
			1	12	21.61	21.36	22.53
			1	24	21.38	21.00	22.36
			12	0	21.66	21.05	22.62
			12	6	21.65	21.05	22.61
			12	11	21.29	20.96	22.21
			25	0	20.19	20.03	21.18

ANT0&ANT1 Total Power :

ANT. Port	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)		
					39675	40620	41565
					2498.5MHz	2593.00MHz	2687.50MHz
ANT0&ANT1	5	QPSK	1	0	25.23	24.78	26.36
			1	12	25.66	24.96	26.17
			1	24	25.29	24.67	26.01
			12	0	25.66	25.18	26.69
			12	6	25.64	25.17	26.68
			12	11	25.47	24.87	26.16
			25	0	24.36	23.71	25.08
		Antenna Gain(dBi):			15.0		
		Max. EIRP (dBm):			41.69		
		64QAM	1	0	24.19	24.06	25.46
			1	12	24.66	24.18	25.33
			1	24	24.37	23.89	25.16
			12	0	24.50	24.01	25.49
			12	6	24.49	24.01	25.48
			12	11	24.31	23.77	25.07
			25	0	23.21	23.05	24.02
		Antenna Gain(dBi):			15.0		
		Max. EIRP (dBm):			40.49		

Note: All transmit signals are completely uncorrelated with each other, Directional gain = $G_{ANT} = 15\text{dBi}$

ANT. Port	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)		
					39700	40620	41540
					2501.00MHz	2593.00MHz	2685.00MHz
ANT0	10	QPSK	1	0	22.04	21.57	23.35
			1	24	22.39	21.60	23.02
			1	49	22.52	21.53	23.23
			25	0	21.87	21.51	23.37
			25	12	21.85	21.50	23.37
			25	24	22.34	21.47	22.88
			50	0	21.04	20.36	21.95
ANT1		QPSK	1	0	22.29	22.03	23.63
			1	24	22.69	21.60	23.28
			1	49	22.83	22.11	23.52
			25	0	22.17	22.05	23.66
			25	12	22.15	22.04	23.65
			25	24	22.64	21.94	23.18
			50	0	21.37	20.67	22.24
ANT0	10	64QAM	1	0	21.02	20.73	22.16
			1	24	21.01	20.79	21.86
			1	49	21.20	20.70	22.06
			25	0	20.87	20.35	22.15
			25	12	20.86	20.35	22.16
			25	24	21.24	20.35	21.67
			50	0	20.04	20.01	20.80
ANT1		64QAM	1	0	21.06	21.18	22.44
			1	24	21.29	20.81	22.16
			1	49	21.49	21.34	22.34
			25	0	21.14	20.94	22.43
			25	12	21.14	20.94	22.42
			25	24	21.52	20.80	21.96
			50	0	20.25	20.05	21.11

ANT0&ANT1 Total Power :

ANT. Port	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)		
					39700	40620	41540
					2501.00MHz	2593.00MHz	2685.00MHz
ANT0&ANT1	10	QPSK	1	0	25.18	24.82	26.50
			1	24	25.55	24.61	26.16
			1	49	25.69	24.84	26.39
			25	0	25.03	24.80	26.53
			25	12	25.01	24.79	26.52
			25	24	25.50	24.72	26.04
			50	0	24.22	23.53	25.11
		Antenna Gain(dBi):			15.0		
		Max. EIRP (dBm):			41.53		
		64QAM	1	0	24.05	23.97	25.31
			1	24	24.16	23.81	25.02
			1	49	24.36	24.04	25.21
			25	0	24.02	23.67	25.30
			25	12	24.01	23.67	25.30
			25	24	24.39	23.59	24.83
			50	0	23.16	23.04	23.97
		Antenna Gain(dBi):			15.0		
		Max. EIRP (dBm):			40.31		

Note: All transmit signals are completely uncorrelated with each other, Directional gain = $G_{ANT} = 15\text{dBi}$

ANT. Port	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)		
					39725	40620	41515
					2503.50MHz	2593.00MHz	2682.50MHz
ANT0	15	QPSK	1	0	22.11	21.73	23.40
			1	37	22.35	21.34	23.24
			1	74	22.94	21.71	23.01
			36	0	21.63	21.26	22.72
			36	16	21.61	21.27	22.71
			36	35	22.79	21.67	22.73
			75	0	21.23	20.36	21.91
ANT1		QPSK	1	0	22.34	21.96	23.34
			1	37	22.60	21.56	23.22
			1	74	23.19	21.93	23.23
			36	0	21.85	21.50	22.88
			36	16	21.84	21.49	22.88
			36	35	23.04	21.90	23.15
			75	0	21.45	20.58	22.14
ANT0	15	64QAM	1	0	21.03	20.86	22.25
			1	37	21.16	20.58	22.12
			1	74	21.77	20.93	22.09
			36	0	20.52	20.20	21.51
			36	16	20.52	20.20	21.51
			36	35	21.90	20.64	21.54
			75	0	20.13	20.07	20.76
ANT1		64QAM	1	0	21.05	21.08	22.20
			1	37	21.38	20.80	22.12
			1	74	22.00	21.13	22.08
			36	0	20.73	20.43	21.69
			36	16	20.72	20.43	21.68
			36	35	22.12	20.85	21.95
			75	0	20.34	20.06	21.00

ANT0&ANT1 Total Power :

ANT. Port	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)		
					39725	40620	41515
					2503.50MHz	2593.00MHz	2682.50MHz
ANT0&ANT1	15	QPSK	1	0	25.24	24.86	26.38
			1	37	25.49	24.46	26.24
			1	74	26.08	24.83	26.13
			36	0	24.75	24.39	25.81
			36	16	24.74	24.39	25.81
			36	35	25.93	24.80	25.96
			75	0	24.35	23.48	25.04
		Antenna Gain(dBi):			15.0		
		Max. EIRP (dBm):			41.38		
		64QAM	1	0	24.05	23.98	25.24
			1	37	24.28	23.70	25.13
			1	74	24.90	24.04	25.10
			36	0	23.64	23.33	24.61
			36	16	23.63	23.33	24.61
			36	35	25.02	23.76	24.76
			75	0	23.25	23.08	23.89
		Antenna Gain(dBi):			15.0		
		Max. EIRP (dBm):			40.24		

Note: All transmit signals are completely uncorrelated with each other, Directional gain = $G_{ANT} = 15\text{dBi}$

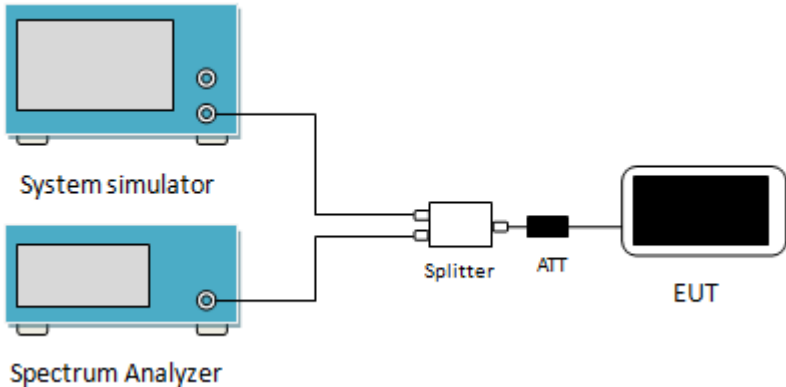
ANT. Port	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)		
					39750	40620	41490
					2506.00MHz	2593.00MHz	2680.00MHz
ANT0	20	QPSK	1	0	22.31	22.12	23.48
			1	49	22.46	21.67	23.11
			1	99	23.05	22.10	23.01
			50	0	22.08	21.87	23.18
			50	24	22.06	21.86	23.17
			50	49	22.85	21.82	22.78
			100	0	21.52	20.54	22.05
ANT1		QPSK	1	0	22.20	22.38	23.69
			1	49	22.12	21.62	23.58
			1	99	22.08	22.09	23.53
			50	0	21.69	21.92	23.60
			50	24	21.68	21.91	23.60
			50	49	21.95	21.91	23.17
			100	0	21.00	20.75	22.31
ANT0	20	64QAM	1	0	20.83	21.20	22.32
			1	49	20.91	20.68	21.92
			1	99	21.64	21.07	21.80
			50	0	21.01	20.86	22.10
			50	24	21.01	20.85	22.10
			50	49	21.79	20.67	21.58
			100	0	20.32	20.05	20.92
ANT1		64QAM	1	0	21.05	21.41	22.54
			1	49	21.15	20.65	22.36
			1	99	21.89	21.07	22.29
			50	0	21.24	20.90	22.51
			50	24	21.23	20.90	22.50
			50	49	22.03	20.75	21.96
			100	0	20.55	20.07	21.21

ANT0&ANT1 Total Power :

ANT. Port	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)		
					39750	40620	41490
					2506.00MHz	2593.00MHz	2680.00MHz
ANT0&ANT1	20	QPSK	1	0	25.27	25.26	26.60
			1	49	25.30	24.66	26.36
			1	99	25.60	25.11	26.29
			50	0	24.90	24.91	26.41
			50	24	24.88	24.90	26.40
			50	49	25.43	24.88	25.99
			100	0	24.28	23.66	25.19
		Antenna Gain(dBi):			15.0		
		Max. EIRP (dBm):			41.60		
		64QAM	1	0	23.95	24.32	25.44
			1	49	24.04	23.68	25.16
			1	99	24.78	24.08	25.06
			50	0	24.14	23.89	25.32
			50	24	24.13	23.89	25.31
			50	49	24.92	23.72	24.78
			100	0	23.45	23.07	24.08
		Antenna Gain(dBi):			15.0		
		Max. EIRP (dBm):			40.44		

Note: All transmit signals are completely uncorrelated with each other, Directional gain = $G_{ANT} = 15\text{dBi}$

6.2 Peak-to-Average Ratio

Test Requirement:	Part 27.50(d)(5)
Limit:	The peak-to-average ratio (PAR) of the transmission may not exceed 13 dB.
Test Setup:	 The diagram shows a test setup for measuring the Peak-to-Average Ratio (PAR). It includes a System simulator, a Spectrum Analyzer, a Splitter, an ATT (Attenuator), and the EUT (Equipment Under Test). The System simulator and Spectrum Analyzer are connected to the Splitter. The Splitter is connected to the ATT, which is then connected to the EUT.
Test Procedure:	1 The RF output of the transceiver was connected to a spectrum analyzer through appropriate attenuation. 2 Set the CCDF option in spectrum analyzer, $RBW \geq OBW$, 3 Set the EUT working in highest power level, measured and recorded the 0.1% as PAPR level. 4 Repeat step 1~3 at other frequency and modulations.
Test Instruments:	Refer to section 5.10 for details
Test mode:	Refer to section 5.3 for details
Test results:	Passed

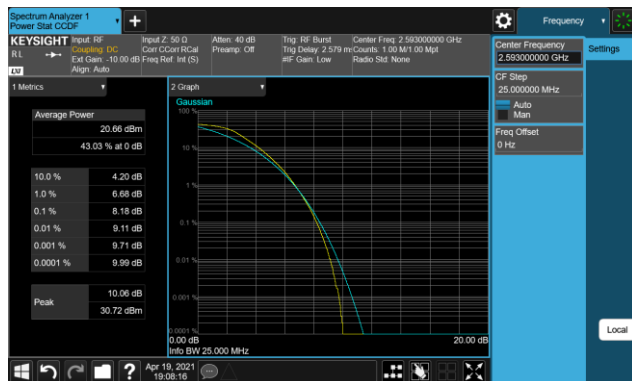
Measurement Data (Worst case):

Bandwidth	Modulation	RB Size	RB Offset	PAPR
LTE Band 41 (Middle Channel)—ANT0				
20MHz	QPSK	100	0	8.18
	64QAM	100	0	8.31
LTE Band 41 (Middle Channel)—ANT1				
20MHz	QPSK	100	0	8.15
	64QAM	100	0	8.40

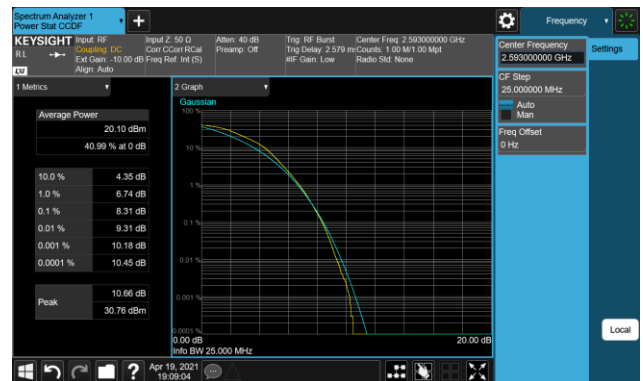
Test plots as below:

LTE Band 41 Middle channel—ANT0

Modulation: QPSK

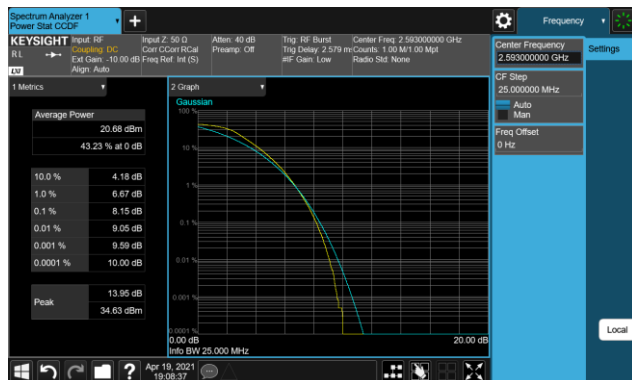


Modulation: 64QAM

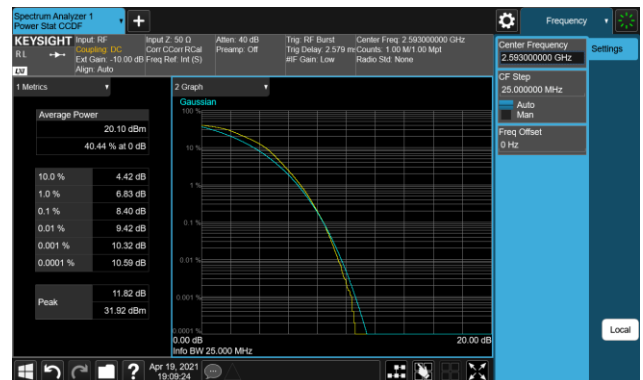


LTE Band 41 Middle channel-ANT1

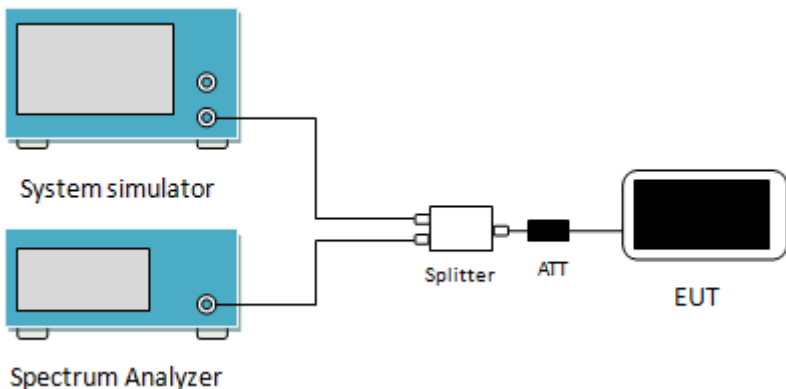
Modulation: QPSK



Modulation: 64QAM



6.3 Occupy Bandwidth

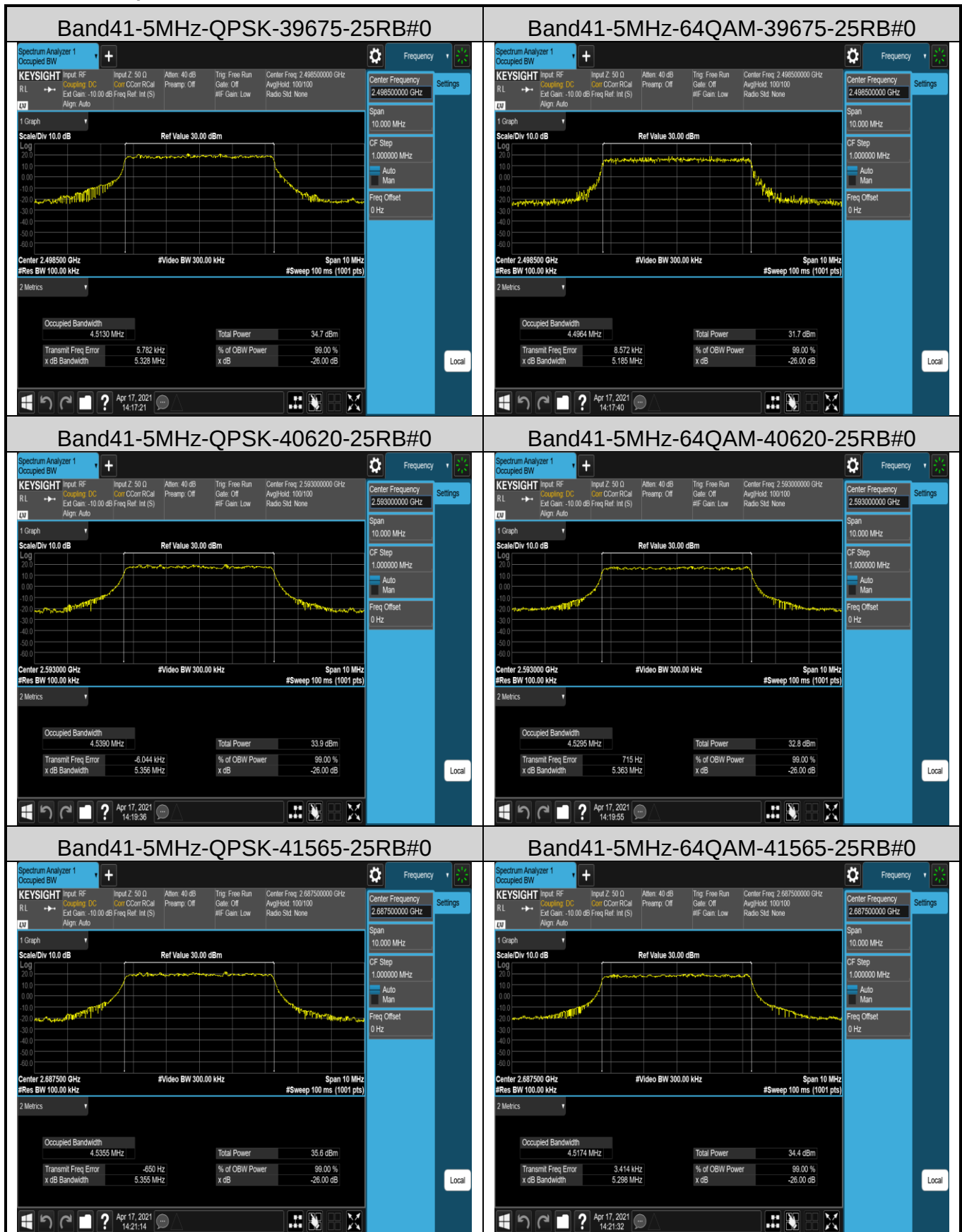
Test Requirement:	Part 27.53(m)
Test Setup:	 The diagram illustrates the test setup for occupying bandwidth. It shows a System simulator and a Spectrum Analyzer connected to a Splitter. The Splitter is connected to an ATT (Attenuator) and then to the EUT (Equipment Under Test).
Test Procedure:	1. The EUT's output RF connector was connected with a short cable to the spectrum analyzer 2. RBW was set to about 1% ~ 5% 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 5.10 for details
Test mode:	Refer to section 5.3 for details
Test results:	Passed

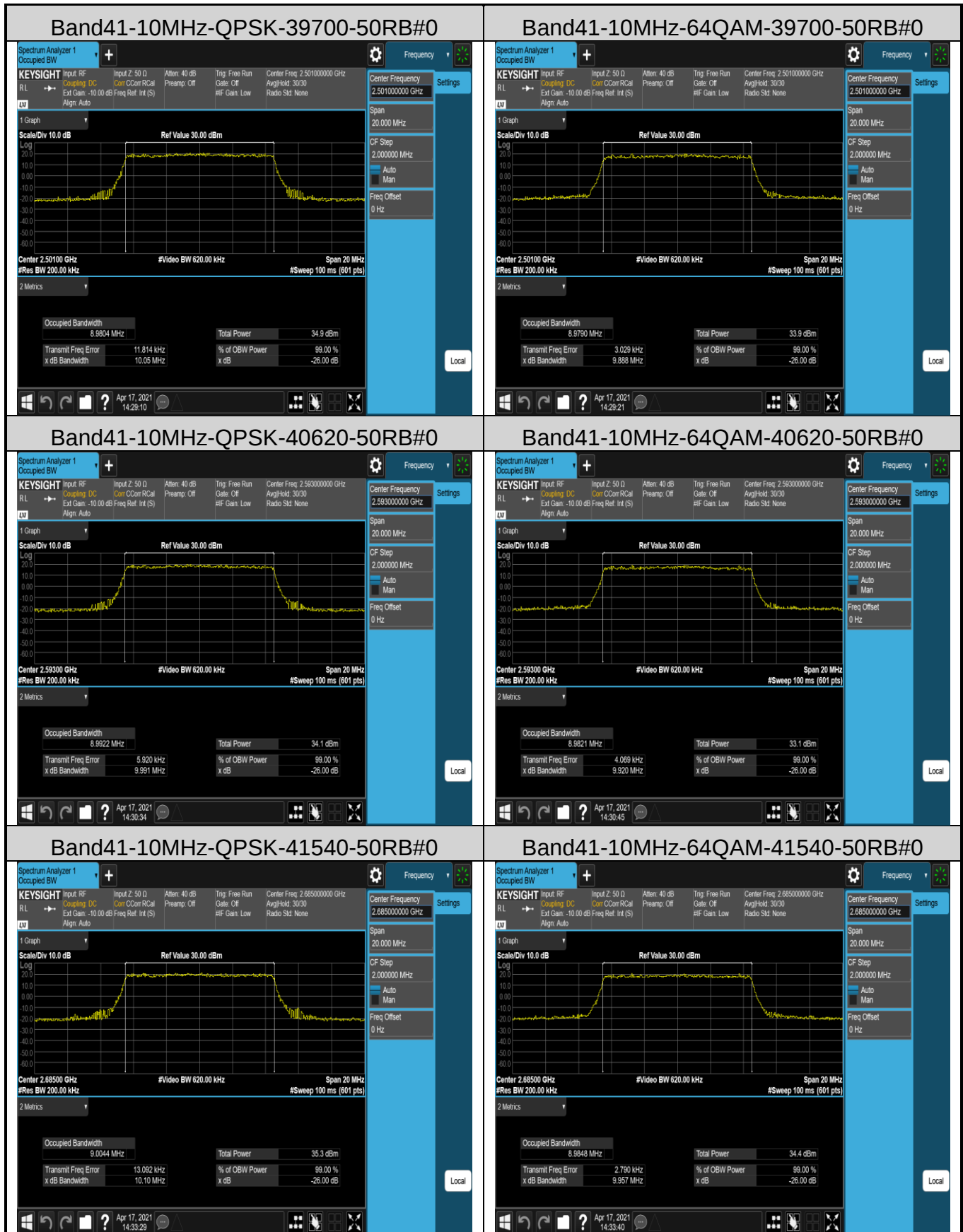
Measurement Data:

ANT0							
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band41	5MHz	QPSK	39675	25RB#0	4.5130	5.328	PASS
Band41	5MHz	QPSK	40620	25RB#0	4.5390	5.356	PASS
Band41	5MHz	QPSK	41565	25RB#0	4.5355	5.355	PASS
Band41	5MHz	64QAM	39675	25RB#0	4.4964	5.185	PASS
Band41	5MHz	64QAM	40620	25RB#0	4.5295	5.363	PASS
Band41	5MHz	64QAM	41565	25RB#0	4.5174	5.298	PASS
Band41	10MHz	QPSK	39700	50RB#0	8.9804	10.05	PASS
Band41	10MHz	QPSK	40620	50RB#0	8.9922	9.991	PASS
Band41	10MHz	QPSK	41540	50RB#0	9.0044	10.10	PASS
Band41	10MHz	64QAM	39700	50RB#0	8.9790	9.888	PASS
Band41	10MHz	64QAM	40620	50RB#0	8.9821	9.920	PASS
Band41	10MHz	64QAM	41540	50RB#0	8.9848	9.957	PASS
Band41	15MHz	QPSK	39725	75RB#0	13.482	14.77	PASS
Band41	15MHz	QPSK	40620	75RB#0	13.462	14.90	PASS
Band41	15MHz	QPSK	41515	75RB#0	13.458	14.78	PASS
Band41	15MHz	64QAM	39725	75RB#0	13.466	14.71	PASS
Band41	15MHz	64QAM	40620	75RB#0	13.473	14.66	PASS
Band41	15MHz	64QAM	41515	75RB#0	13.452	14.73	PASS
Band41	20MHz	QPSK	39750	100RB#0	17.938	19.22	PASS
Band41	20MHz	QPSK	40620	100RB#0	17.928	19.36	PASS
Band41	20MHz	QPSK	41490	100RB#0	17.924	19.12	PASS
Band41	20MHz	64QAM	39750	100RB#0	17.907	19.18	PASS
Band41	20MHz	64QAM	40620	100RB#0	17.931	19.36	PASS
Band41	20MHz	64QAM	41490	100RB#0	17.908	19.31	PASS

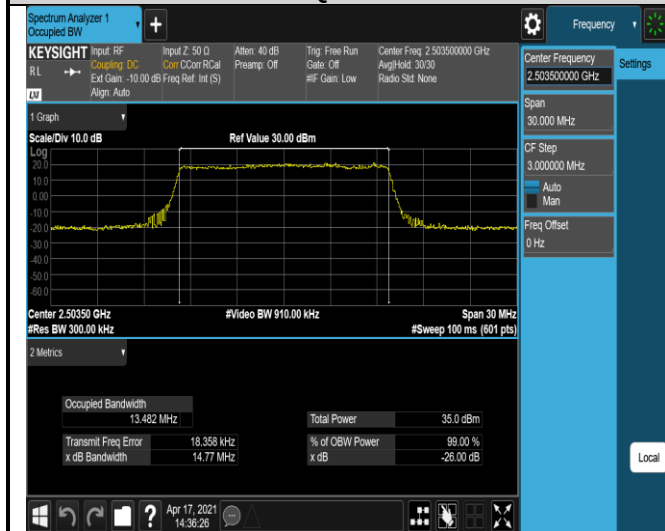
ANT1							
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band41	5MHz	QPSK	39675	25RB#0	4.5385	5.350	PASS
Band41	5MHz	QPSK	40620	25RB#0	4.5364	5.370	PASS
Band41	5MHz	QPSK	41565	25RB#0	4.5380	5.331	PASS
Band41	5MHz	64QAM	39675	25RB#0	4.5256	5.304	PASS
Band41	5MHz	64QAM	40620	25RB#0	4.5206	5.336	PASS
Band41	5MHz	64QAM	41565	25RB#0	4.5131	5.300	PASS
Band41	10MHz	QPSK	39700	50RB#0	8.9822	10.05	PASS
Band41	10MHz	QPSK	40620	50RB#0	9.0024	10.02	PASS
Band41	10MHz	QPSK	41540	50RB#0	8.9890	9.964	PASS
Band41	10MHz	64QAM	39700	50RB#0	8.9930	9.957	PASS
Band41	10MHz	64QAM	40620	50RB#0	8.9844	9.927	PASS
Band41	10MHz	64QAM	41540	50RB#0	8.9622	9.920	PASS
Band41	15MHz	QPSK	39725	75RB#0	13.483	14.75	PASS
Band41	15MHz	QPSK	40620	75RB#0	13.461	14.79	PASS
Band41	15MHz	QPSK	41515	75RB#0	13.486	14.71	PASS
Band41	15MHz	64QAM	39725	75RB#0	13.476	14.73	PASS
Band41	15MHz	64QAM	40620	75RB#0	13.481	14.73	PASS
Band41	15MHz	64QAM	41515	75RB#0	13.463	14.73	PASS
Band41	20MHz	QPSK	39750	100RB#0	17.970	19.25	PASS
Band41	20MHz	QPSK	40620	100RB#0	17.981	19.11	PASS
Band41	20MHz	QPSK	41490	100RB#0	17.954	19.15	PASS
Band41	20MHz	64QAM	39750	100RB#0	17.886	19.30	PASS
Band41	20MHz	64QAM	40620	100RB#0	17.902	19.19	PASS
Band41	20MHz	64QAM	41490	100RB#0	17.900	19.29	PASS

Test plot as follows:
LTE-Band 41 part: ANT0

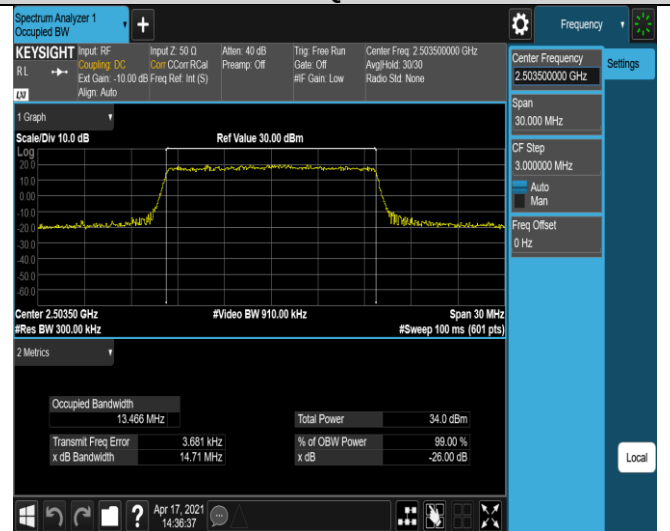




Band41-15MHz-QPSK-39725-75RB#0



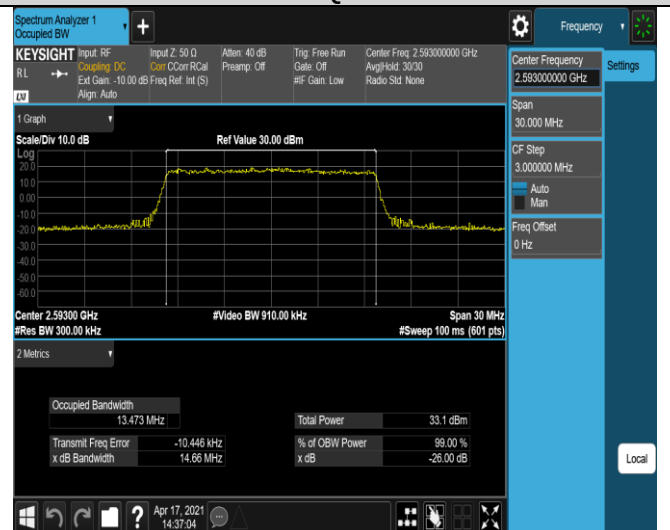
Band41-15MHz-64QAM-39725-75RB#0



Band41-15MHz-QPSK-40620-75RB#0



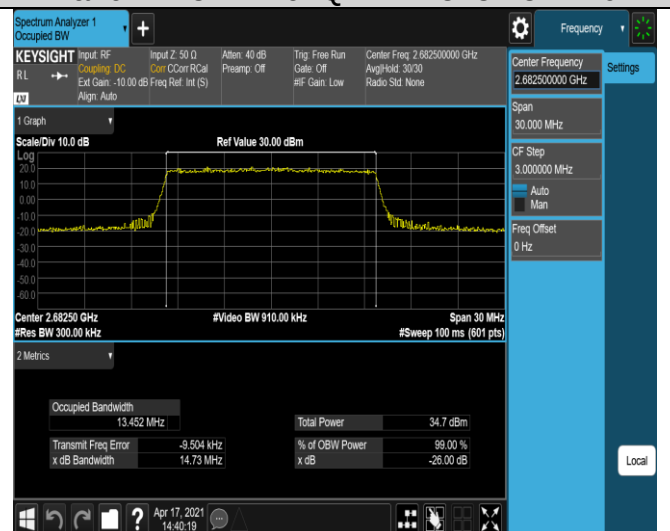
Band41-15MHz-64QAM-40620-75RB#0



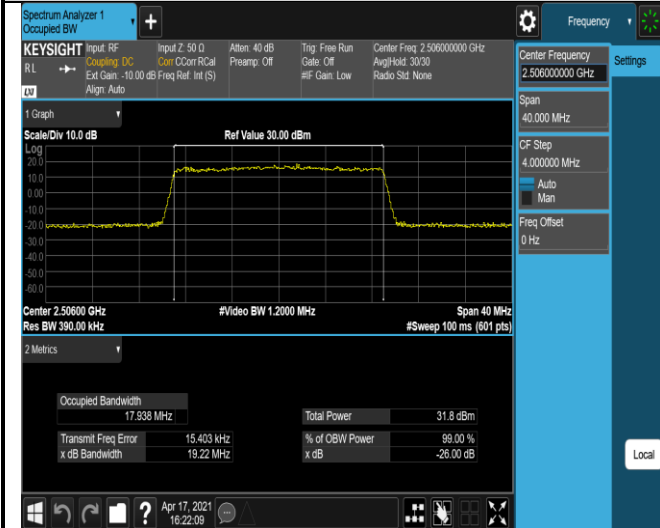
Band41-15MHz-QPSK-41515-75RB#0



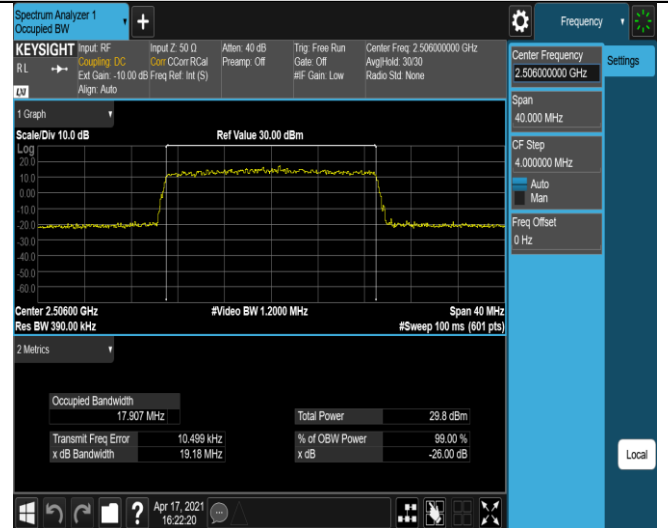
Band41-15MHz-64QAM-41515-75RB#0



Band41-20MHz-QPSK-39750-100RB#0



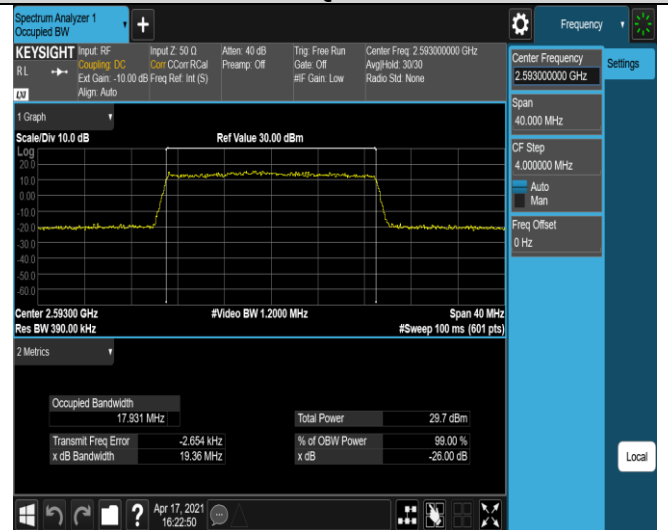
Band41-20MHz-64QAM-39750-100RB#0



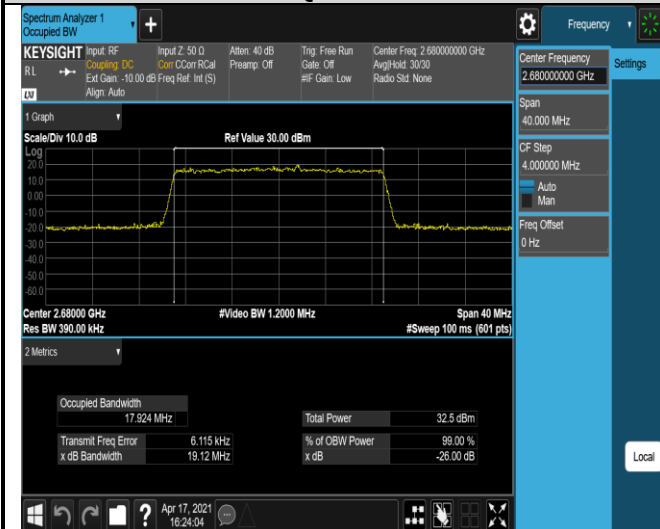
Band41-20MHz-QPSK-40620-100RB#0



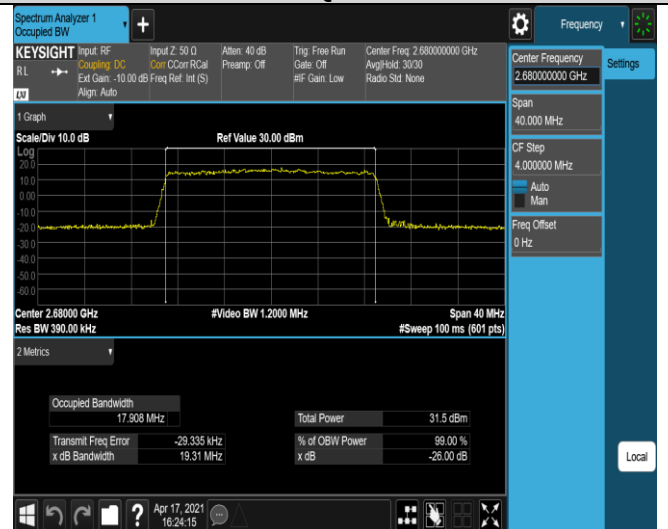
Band41-20MHz-64QAM-40620-100RB#0



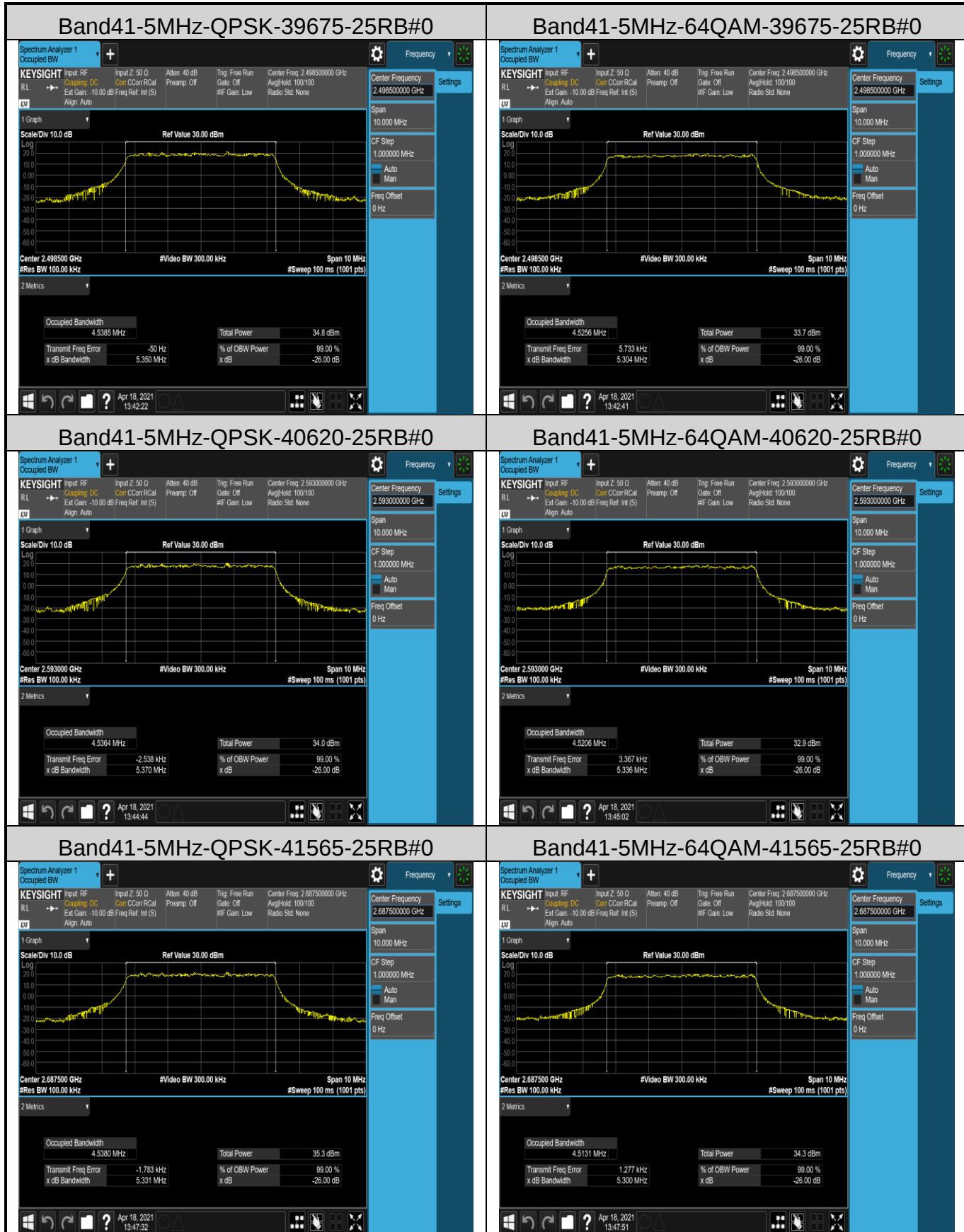
Band41-20MHz-QPSK-41490-100RB#0



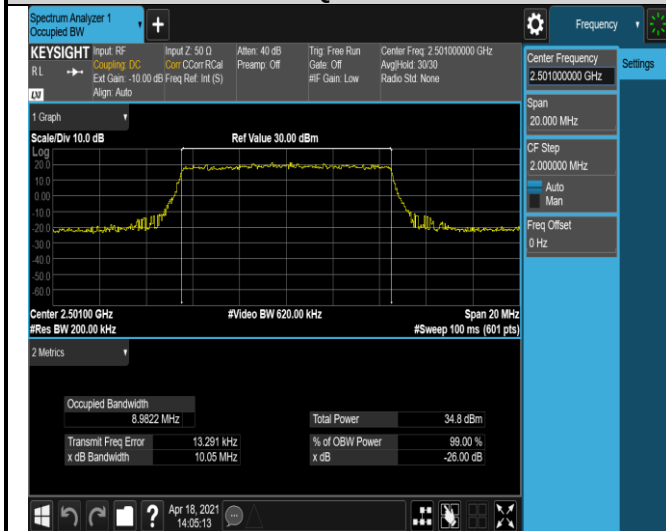
Band41-20MHz-64QAM-41490-100RB#0



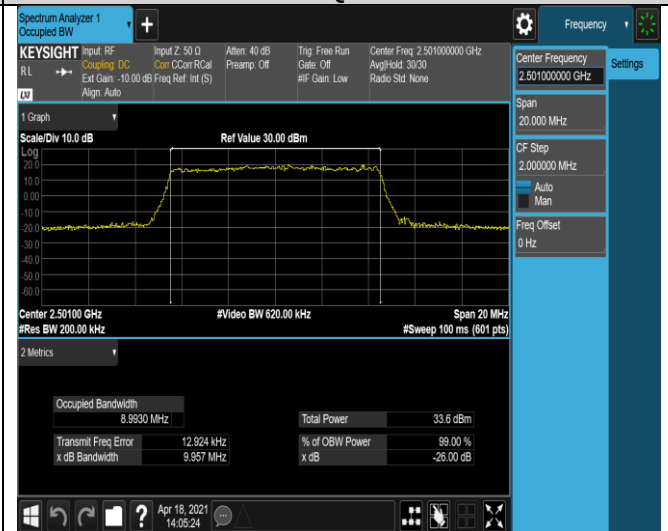
LTE-Band 41 part: ANT1



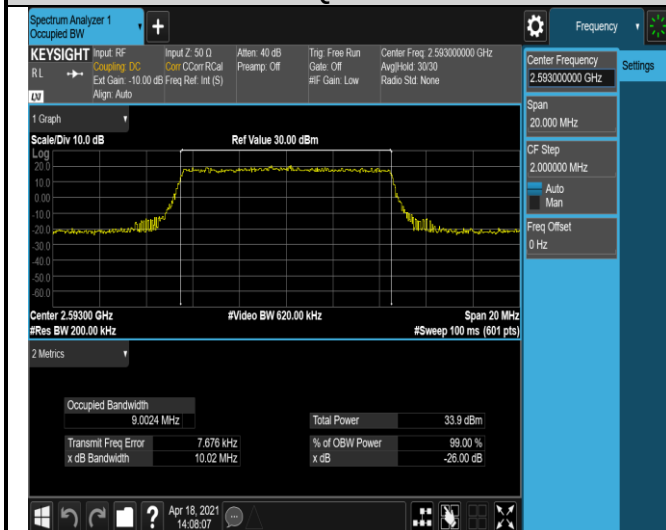
Band41-10MHz-QPSK-39700-50RB#0



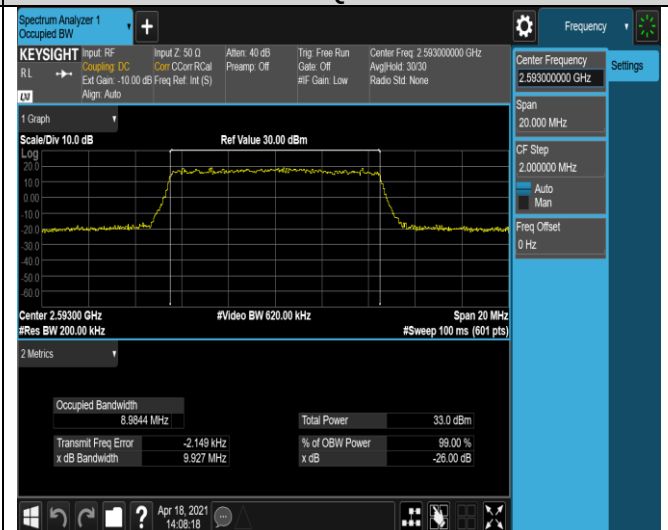
Band41-10MHz-64QAM-39700-50RB#0



Band41-10MHz-QPSK-40620-50RB#0



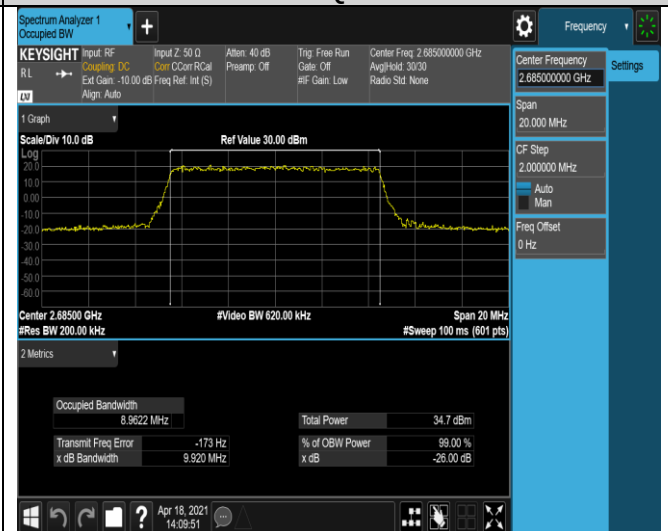
Band41-10MHz-64QAM-40620-50RB#0



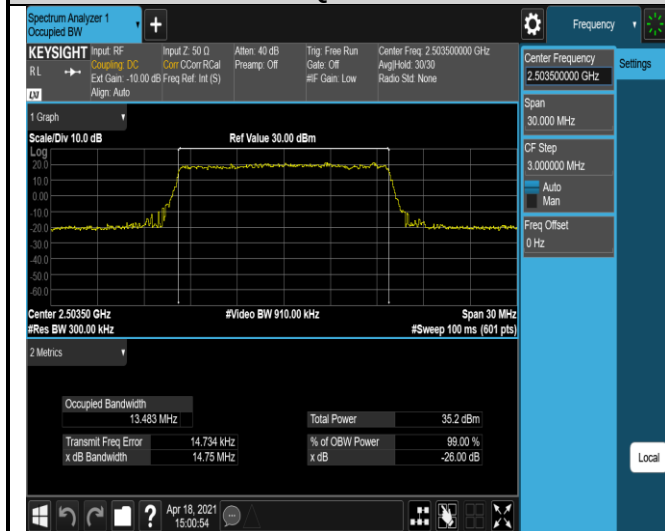
Band41-10MHz-QPSK-41540-50RB#0



Band41-10MHz-64QAM-41540-50RB#0



Band41-15MHz-QPSK-39725-75RB#0



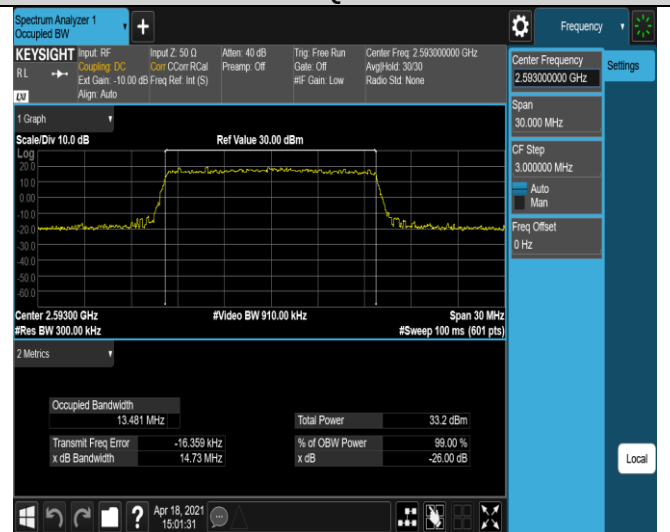
Band41-15MHz-64QAM-39725-75RB#0



Band41-15MHz-QPSK-40620-75RB#0



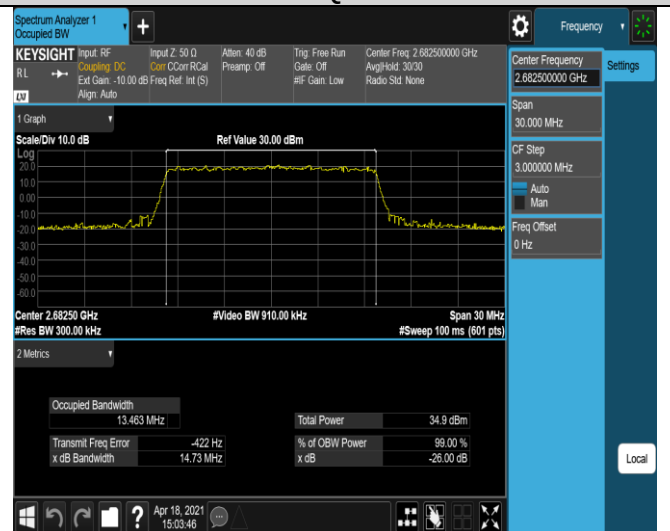
Band41-15MHz-64QAM-40620-75RB#0



Band41-15MHz-QPSK-41515-75RB#0



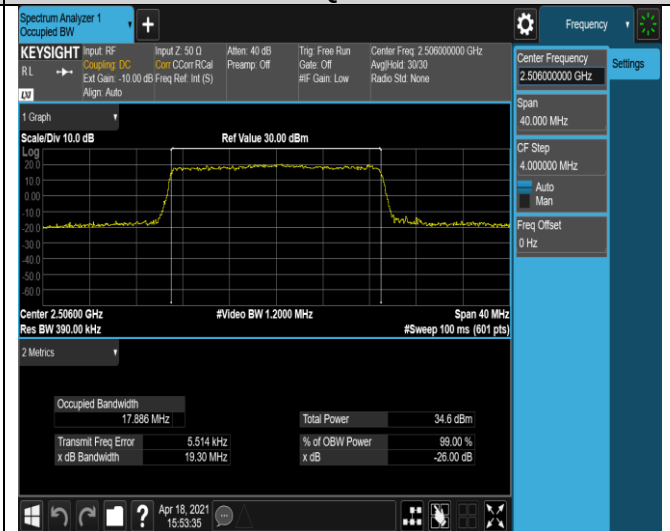
Band41-15MHz-64QAM-41515-75RB#0



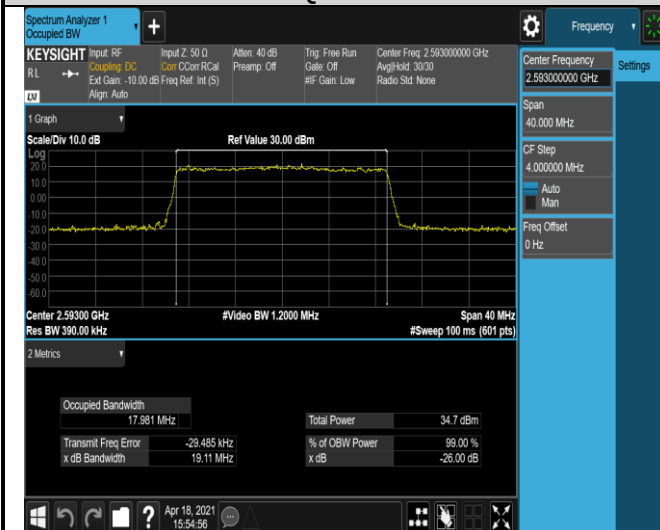
Band41-20MHz-QPSK-39750-100RB#0



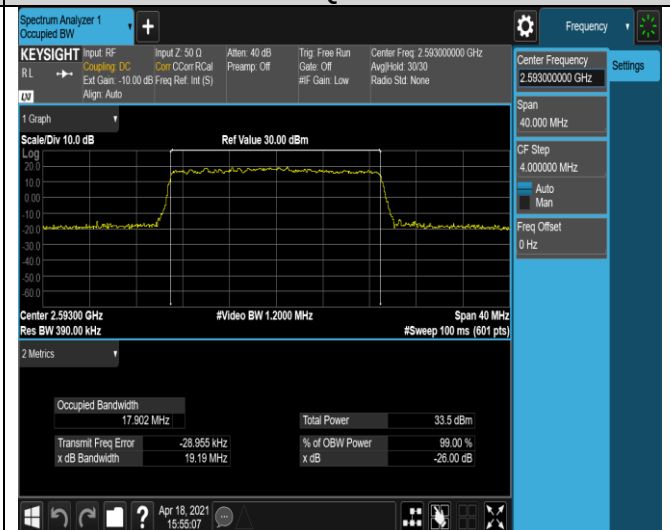
Band41-20MHz-64QAM-39750-100RB#0



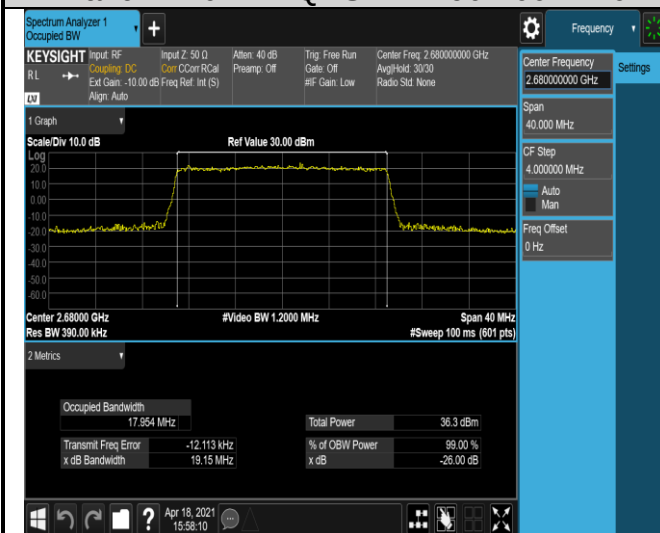
Band41-20MHz-QPSK-40620-100RB#0



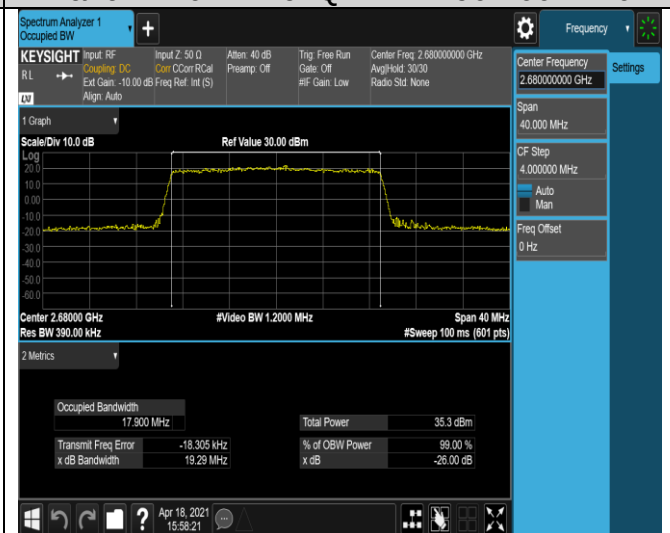
Band41-20MHz-64QAM-40620-100RB#0



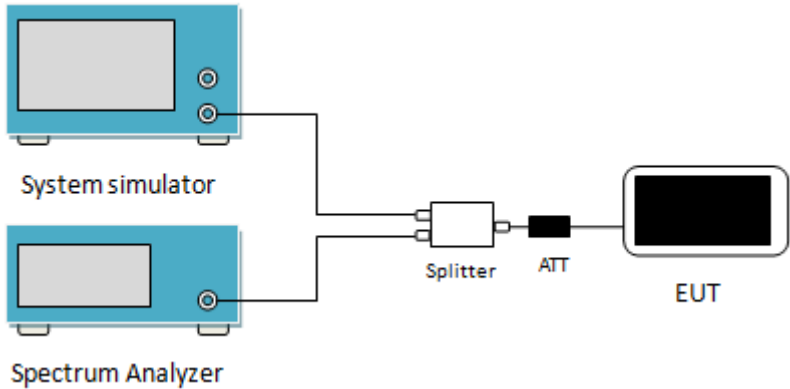
Band41-20MHz-QPSK-41490-100RB#0



Band41-20MHz-64QAM-41490-100RB#0



6.4 Out of band emission at antenna terminals

Test Requirement:	Part 27.53(m)
Limit:	LTE Band 41: For all fixed digital user stations, the attenuation factor shall be not less than $43 + 10 \log (P)$ dB at the channel edge.
Test Setup:	 The diagram illustrates the test setup. On the left, there are two blue rectangular units: the top one is labeled 'System simulator' and the bottom one is labeled 'Spectrum Analyzer'. Both have a single output port. These two ports are connected to a single input port of a white rectangular unit labeled 'Splitter'. The 'Splitter' has two output ports. One output port is connected to a black rectangular unit labeled 'ATT' (Attenuator). The other output port of the 'Splitter' is connected to the input port of a white rectangular unit labeled 'EUT' (Equipment Under Test).
Test Procedure:	1 The RF output of the transceiver was connected to a spectrum analyzer through appropriate attenuation. 2 For the out of band: for Band 41 set the RBW=1 MHz, VBW=3 MHz Start=30MHz, Stop= 10th harmonic. 3 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 5.10 for details
Test mode:	Refer to section 5.3 for details
Test results:	Passed
Remark:	Pre-scan all RB Size and offset, and found the RB Size and offset of worst case, so the report shows only the worst case test data.

Measurement Data:

Conducted spurious emission :ANT0							
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	30~1000MHz	-34.61	PASS
Band41	5MHz	QPSK	39675	1RB#0	1000~27000MHz	-19.53	PASS
Band41	5MHz	QPSK	40620	1RB#0	30~1000MHz	-34.98	PASS
Band41	5MHz	QPSK	40620	1RB#0	1000~27000MHz	-19.55	PASS
Band41	5MHz	QPSK	41565	1RB#0	30~1000MHz	-34.35	PASS
Band41	5MHz	QPSK	41565	1RB#0	1000~27000MHz	-19.49	PASS
Band41	5MHz	64QAM	39675	1RB#0	30~1000MHz	-35.95	PASS
Band41	5MHz	64QAM	39675	1RB#0	1000~27000MHz	-19.45	PASS
Band41	5MHz	64QAM	40620	1RB#0	30~1000MHz	-34.79	PASS
Band41	5MHz	64QAM	40620	1RB#0	1000~27000MHz	-19.36	PASS
Band41	5MHz	64QAM	41565	1RB#0	30~1000MHz	-34.74	PASS
Band41	5MHz	64QAM	41565	1RB#0	1000~27000MHz	-19.95	PASS
Band41	10MHz	QPSK	39700	1RB#0	30~1000MHz	-36.00	PASS
Band41	10MHz	QPSK	39700	1RB#0	1000~27000MHz	-19.73	PASS
Band41	10MHz	QPSK	40620	1RB#0	30~1000MHz	-35.66	PASS
Band41	10MHz	QPSK	40620	1RB#0	1000~27000MHz	-18.98	PASS
Band41	10MHz	QPSK	41540	1RB#0	30~1000MHz	-34.54	PASS
Band41	10MHz	QPSK	41540	1RB#0	1000~27000MHz	-19.98	PASS
Band41	10MHz	64QAM	39700	1RB#0	30~1000MHz	-35.94	PASS
Band41	10MHz	64QAM	39700	1RB#0	1000~27000MHz	-18.29	PASS
Band41	10MHz	64QAM	40620	1RB#0	30~1000MHz	-34.51	PASS
Band41	10MHz	64QAM	40620	1RB#0	1000~27000MHz	-19.79	PASS
Band41	10MHz	64QAM	41540	1RB#0	30~1000MHz	-34.7	PASS
Band41	10MHz	64QAM	41540	1RB#0	1000~27000MHz	-18.23	PASS
Band41	15MHz	QPSK	39725	1RB#0	30~1000MHz	-35.91	PASS
Band41	15MHz	QPSK	39725	1RB#0	1000~27000MHz	-19.60	PASS
Band41	15MHz	QPSK	40620	1RB#0	30~1000MHz	-36.16	PASS
Band41	15MHz	QPSK	40620	1RB#0	1000~27000MHz	-20.00	PASS
Band41	15MHz	QPSK	41515	1RB#0	30~1000MHz	-36.31	PASS
Band41	15MHz	QPSK	41515	1RB#0	1000~27000MHz	-19.39	PASS
Band41	15MHz	64QAM	39725	1RB#0	30~1000MHz	-36.26	PASS
Band41	15MHz	64QAM	39725	1RB#0	1000~27000MHz	-19.52	PASS
Band41	15MHz	64QAM	40620	1RB#0	30~1000MHz	-36.12	PASS
Band41	15MHz	64QAM	40620	1RB#0	1000~27000MHz	-19.43	PASS
Band41	15MHz	64QAM	41515	1RB#0	30~1000MHz	-35.64	PASS
Band41	15MHz	64QAM	41515	1RB#0	1000~27000MHz	-19.78	PASS
Band41	20MHz	QPSK	39750	1RB#0	30~1000MHz	-35.5	PASS
Band41	20MHz	QPSK	39750	1RB#0	1000~27000MHz	-19.47	PASS
Band41	20MHz	QPSK	40620	1RB#0	30~1000MHz	-35.34	PASS
Band41	20MHz	QPSK	40620	1RB#0	1000~27000MHz	-19.81	PASS
Band41	20MHz	QPSK	41490	1RB#0	30~1000MHz	-35.27	PASS
Band41	20MHz	QPSK	41490	1RB#0	1000~27000MHz	-20.19	PASS
Band41	20MHz	64QAM	39750	1RB#0	30~1000MHz	-34.81	PASS

Band41	20MHz	64QAM	39750	1RB#0	1000~27000MHz	-18.98	PASS
Band41	20MHz	64QAM	40620	1RB#0	30~1000MHz	-35.84	PASS
Band41	20MHz	64QAM	40620	1RB#0	1000~27000MHz	-18.97	PASS
Band41	20MHz	64QAM	41490	1RB#0	30~1000MHz	-35.33	PASS
Band41	20MHz	64QAM	41490	1RB#0	1000~27000MHz	-19.74	PASS

Conducted spurious emission :ANT1							
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	30~1000MHz	-36.88	PASS
Band41	5MHz	QPSK	39675	1RB#0	1000~27000MHz	-19.97	PASS
Band41	5MHz	QPSK	40620	1RB#0	30~1000MHz	-37.12	PASS
Band41	5MHz	QPSK	40620	1RB#0	1000~27000MHz	-21.14	PASS
Band41	5MHz	QPSK	41565	1RB#0	30~1000MHz	-37.27	PASS
Band41	5MHz	QPSK	41565	1RB#0	1000~27000MHz	-19.34	PASS
Band41	5MHz	64QAM	39675	1RB#0	30~1000MHz	-36.74	PASS
Band41	5MHz	64QAM	39675	1RB#0	1000~27000MHz	-21.59	PASS
Band41	5MHz	64QAM	40620	1RB#0	30~1000MHz	-37.16	PASS
Band41	5MHz	64QAM	40620	1RB#0	1000~27000MHz	-21.45	PASS
Band41	5MHz	64QAM	41565	1RB#0	30~1000MHz	-36.37	PASS
Band41	5MHz	64QAM	41565	1RB#0	1000~27000MHz	-19.57	PASS
Band41	10MHz	QPSK	39700	1RB#0	30~1000MHz	-36.16	PASS
Band41	10MHz	QPSK	39700	1RB#0	1000~27000MHz	-20.40	PASS
Band41	10MHz	QPSK	40620	1RB#0	30~1000MHz	-36.67	PASS
Band41	10MHz	QPSK	40620	1RB#0	1000~27000MHz	-19.17	PASS
Band41	10MHz	QPSK	41540	1RB#0	30~1000MHz	-36.96	PASS
Band41	10MHz	QPSK	41540	1RB#0	1000~27000MHz	-21.32	PASS
Band41	10MHz	64QAM	39700	1RB#0	30~1000MHz	-36.77	PASS
Band41	10MHz	64QAM	39700	1RB#0	1000~27000MHz	-20.27	PASS
Band41	10MHz	64QAM	40620	1RB#0	30~1000MHz	-36.52	PASS
Band41	10MHz	64QAM	40620	1RB#0	1000~27000MHz	-20.16	PASS
Band41	10MHz	64QAM	41540	1RB#0	30~1000MHz	-36.46	PASS
Band41	10MHz	64QAM	41540	1RB#0	1000~27000MHz	-20.56	PASS
Band41	15MHz	QPSK	39725	1RB#0	30~1000MHz	-36.41	PASS
Band41	15MHz	QPSK	39725	1RB#0	1000~27000MHz	-20.21	PASS
Band41	15MHz	QPSK	40620	1RB#0	30~1000MHz	-36.50	PASS
Band41	15MHz	QPSK	40620	1RB#0	1000~27000MHz	-20.66	PASS
Band41	15MHz	QPSK	41515	1RB#0	30~1000MHz	-36.71	PASS
Band41	15MHz	QPSK	41515	1RB#0	1000~27000MHz	-18.99	PASS
Band41	15MHz	64QAM	39725	1RB#0	30~1000MHz	-37.04	PASS
Band41	15MHz	64QAM	39725	1RB#0	1000~27000MHz	-20.12	PASS
Band41	15MHz	64QAM	40620	1RB#0	30~1000MHz	-36.06	PASS
Band41	15MHz	64QAM	40620	1RB#0	1000~27000MHz	-20.66	PASS
Band41	15MHz	64QAM	41515	1RB#0	30~1000MHz	-35.89	PASS

Band41	15MHz	64QAM	41515	1RB#0	1000~27000MHz	-19.94	PASS
Band41	20MHz	QPSK	39750	1RB#0	30~1000MHz	-35.67	PASS
Band41	20MHz	QPSK	39750	1RB#0	1000~27000MHz	-19.96	PASS
Band41	20MHz	QPSK	40620	1RB#0	30~1000MHz	-36.82	PASS
Band41	20MHz	QPSK	40620	1RB#0	1000~27000MHz	-19.36	PASS
Band41	20MHz	QPSK	41490	1RB#0	30~1000MHz	-36.21	PASS
Band41	20MHz	QPSK	41490	1RB#0	1000~27000MHz	-20.03	PASS
Band41	20MHz	64QAM	39750	1RB#0	30~1000MHz	-37.34	PASS
Band41	20MHz	64QAM	39750	1RB#0	1000~27000MHz	-19.28	PASS
Band41	20MHz	64QAM	40620	1RB#0	30~1000MHz	-37.33	PASS
Band41	20MHz	64QAM	40620	1RB#0	1000~27000MHz	-20.48	PASS
Band41	20MHz	64QAM	41490	1RB#0	30~1000MHz	-36.67	PASS
Band41	20MHz	64QAM	41490	1RB#0	1000~27000MHz	-20.00	PASS

Band Edge :ANT0						
Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	-26.90,-17.53	PASS
Band41	5MHz	QPSK	39675	1RB#24	-37.44,-44.20	PASS
Band41	5MHz	QPSK	39675	25RB#0	-26.31,-26.20	PASS
Band41	5MHz	QPSK	41565	1RB#0	-43.35,-35.75	PASS
Band41	5MHz	QPSK	41565	1RB#24	-17.04,-31.90	PASS
Band41	5MHz	QPSK	41565	25RB#0	-27.07,-26.26	PASS
Band41	5MHz	64QAM	39675	1RB#0	-29.25,-20.16	PASS
Band41	5MHz	64QAM	39675	1RB#24	-37.82,-45.13	PASS
Band41	5MHz	64QAM	39675	25RB#0	-24.64,-27.17	PASS
Band41	5MHz	64QAM	41565	1RB#0	-43.71,-37.18	PASS
Band41	5MHz	64QAM	41565	1RB#24	-17.66,-31.32	PASS
Band41	5MHz	64QAM	41565	25RB#0	-26.72,-22.36	PASS
Band41	10MHz	QPSK	39700	1RB#0	-31.87,-22.07	PASS
Band41	10MHz	QPSK	39700	1RB#49	-37.88,-41.74	PASS
Band41	10MHz	QPSK	39700	50RB#0	-28.66,-32.44	PASS
Band41	10MHz	QPSK	41540	1RB#0	-41.34,-35.11	PASS
Band41	10MHz	QPSK	41540	1RB#49	-22.99,-31.19	PASS
Band41	10MHz	QPSK	41540	50RB#0	-31.74,-26.32	PASS
Band41	10MHz	64QAM	39700	1RB#0	-34.40,-23.57	PASS
Band41	10MHz	64QAM	39700	1RB#49	-37.81,-43.03	PASS
Band41	10MHz	64QAM	39700	50RB#0	-25.12,-32.13	PASS
Band41	10MHz	64QAM	41540	1RB#0	-42.13,-35.79	PASS
Band41	10MHz	64QAM	41540	1RB#49	-22.57,-34.45	PASS
Band41	10MHz	64QAM	41540	50RB#0	-31.42,-24.60	PASS
Band41	15MHz	QPSK	39725	1RB#0	-34.34,-32.44	PASS
Band41	15MHz	QPSK	39725	1RB#74	-37.14,-40.83	PASS
Band41	15MHz	QPSK	39725	75RB#0	-27.96,-35.06	PASS
Band41	15MHz	QPSK	41515	1RB#0	-40.24,-35.64	PASS
Band41	15MHz	QPSK	41515	1RB#74	-30.96,-33.80	PASS
Band41	15MHz	QPSK	41515	75RB#0	-32.18,-26.46	PASS
Band41	15MHz	64QAM	39725	1RB#0	-35.58,-33.13	PASS
Band41	15MHz	64QAM	39725	1RB#74	-37.56,-41.52	PASS
Band41	15MHz	64QAM	39725	75RB#0	-26.26,-31.79	PASS
Band41	15MHz	64QAM	41515	1RB#0	-41.00,-36.06	PASS
Band41	15MHz	64QAM	41515	1RB#74	-30.87,-34.21	PASS
Band41	15MHz	64QAM	41515	75RB#0	-30.83,-25.64	PASS
Band41	20MHz	QPSK	39750	1RB#0	-34.18,-33.75	PASS
Band41	20MHz	QPSK	39750	1RB#99	-36.47,-39.12	PASS
Band41	20MHz	QPSK	39750	100RB#0	-31.31,-33.26	PASS
Band41	20MHz	QPSK	41490	1RB#0	-38.14,-35.28	PASS
Band41	20MHz	QPSK	41490	1RB#99	-31.26,-33.57	PASS
Band41	20MHz	QPSK	41490	100RB#0	-33.39,-28.07	PASS
Band41	20MHz	64QAM	39750	1RB#0	-35.96,-34.37	PASS
Band41	20MHz	64QAM	39750	1RB#99	-37.77,-39.28	PASS
Band41	20MHz	64QAM	39750	100RB#0	-29.35,-30.92	PASS

Band41	20MHz	64QAM	41490	1RB#0	-38.65,-35.14	PASS
Band41	20MHz	64QAM	41490	1RB#99	-33.83,-34.80	PASS
Band41	20MHz	64QAM	41490	100RB#0	-30.79,-29.75	PASS

Band Edge :ANT1						
Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	-30.96,-18.85	PASS
Band41	5MHz	QPSK	39675	1RB#24	-37.72,-44.39	PASS
Band41	5MHz	QPSK	39675	25RB#0	-28.94,-28.98	PASS
Band41	5MHz	QPSK	41565	1RB#0	-42.91,-36.09	PASS
Band41	5MHz	QPSK	41565	1RB#24	-17.15,-29.77	PASS
Band41	5MHz	QPSK	41565	25RB#0	-26.74,-26.23	PASS
Band41	5MHz	64QAM	39675	1RB#0	-33.61,-20.28	PASS
Band41	5MHz	64QAM	39675	1RB#24	-37.45,-45.28	PASS
Band41	5MHz	64QAM	39675	25RB#0	-25.85,-29.33	PASS
Band41	5MHz	64QAM	41565	1RB#0	-44.68,-36.95	PASS
Band41	5MHz	64QAM	41565	1RB#24	-18.95,-31.04	PASS
Band41	5MHz	64QAM	41565	25RB#0	-28.21,-24.39	PASS
Band41	10MHz	QPSK	39700	1RB#0	-33.69,-22.27	PASS
Band41	10MHz	QPSK	39700	1RB#49	-37.12,-42.57	PASS
Band41	10MHz	QPSK	39700	50RB#0	-29.40,-32.97	PASS
Band41	10MHz	QPSK	41540	1RB#0	-41.37,-36.14	PASS
Band41	10MHz	QPSK	41540	1RB#49	-19.72,-31.31	PASS
Band41	10MHz	QPSK	41540	50RB#0	-32.28,-28.57	PASS
Band41	10MHz	64QAM	39700	1RB#0	-35.69,-23.88	PASS
Band41	10MHz	64QAM	39700	1RB#49	-37.36,-43.30	PASS
Band41	10MHz	64QAM	39700	50RB#0	-26.67,-32.07	PASS
Band41	10MHz	64QAM	41540	1RB#0	-41.68,-36.30	PASS
Band41	10MHz	64QAM	41540	1RB#49	-23.39,-32.29	PASS
Band41	10MHz	64QAM	41540	50RB#0	-31.88,-26.06	PASS
Band41	15MHz	QPSK	39725	1RB#0	-35.23,-31.66	PASS
Band41	15MHz	QPSK	39725	1RB#74	-37.29,-41.67	PASS
Band41	15MHz	QPSK	39725	75RB#0	-27.62,-32.51	PASS
Band41	15MHz	QPSK	41515	1RB#0	-40.72,-35.22	PASS
Band41	15MHz	QPSK	41515	1RB#74	-30.53,-33.34	PASS
Band41	15MHz	QPSK	41515	75RB#0	-31.29,-27.60	PASS
Band41	15MHz	64QAM	39725	1RB#0	-36.09,-32.67	PASS
Band41	15MHz	64QAM	39725	1RB#74	-37.83,-41.60	PASS
Band41	15MHz	64QAM	39725	75RB#0	-26.60,-33.45	PASS
Band41	15MHz	64QAM	41515	1RB#0	-40.69,-35.01	PASS
Band41	15MHz	64QAM	41515	1RB#74	-31.02,-33.89	PASS
Band41	15MHz	64QAM	41515	75RB#0	-32.15,-25.44	PASS
Band41	20MHz	QPSK	39750	1RB#0	-34.68,-32.80	PASS
Band41	20MHz	QPSK	39750	1RB#99	-37.22,-39.56	PASS

Band41	20MHz	QPSK	39750	100RB#0	-31.64,-35.22	PASS
Band41	20MHz	QPSK	41490	1RB#0	-38.68,-33.54	PASS
Band41	20MHz	QPSK	41490	1RB#99	-30.87,-33.54	PASS
Band41	20MHz	QPSK	41490	100RB#0	-33.87,-28.95	PASS
Band41	20MHz	64QAM	39750	1RB#0	-35.91,-35.40	PASS
Band41	20MHz	64QAM	39750	1RB#99	-37.10,-40.19	PASS
Band41	20MHz	64QAM	39750	100RB#0	-28.33,-32.71	PASS
Band41	20MHz	64QAM	41490	1RB#0	-38.95,-34.67	PASS
Band41	20MHz	64QAM	41490	1RB#99	-31.49,-35.94	PASS
Band41	20MHz	64QAM	41490	100RB#0	-32.15,-27.33	PASS

Test plots as follows (Conducted spurious emission) (worst case):
LTE Band 41 part: ANTO

