

FCC REPORT

(LTE)

Applicant: TECNO MOBILE LIMITED

Address of Applicant: FLAT 39 8/F BLOCK D WAH LOK INDUSTRIAL CENTRE 31-35 SHAN MEI STREET FOTAN NT

Equipment Under Test (EUT)

Product Name: Mobile Phone

Model No.: AC8

Trade mark: TECNO

FCC ID: 2ADYY-AC8

Applicable standards: FCC CFR Title 47 Part 2
FCC CFR Title 47 Part 22 Subpart H
FCC CFR Title 47 Part 24 Subpart E
FCC CFR Title 47 Part 27 Subpart L
FCC CFR Title 47 Part 27 Subpart M

Date of sample receipt: 16 Mar., 2021

Date of Test: 17 Mar., to 02 Apr., 2021

Date of report issued: 02 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.

This report may only be reproduced and distributed in full. If the product in this report is used in any configuration other than that detailed in the report, the manufacturer must ensure the new system complies with all relevant standards.

This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful, and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

2. Version

Version No.	Date	Description
00	02 Apr., 2021	Original

Tested by: Mike Ou **Date:** 02 Apr., 2021
Test Engineer

Reviewed by: Winner Zhang **Date:** 02 Apr., 2021
Project Engineer

3. Contents

	Page
1. COVER PAGE	1
2. VERSION.....	2
3. CONTENTS.....	3
4. TEST SUMMARY	4
5. GENERAL INFORMATION	5
5.1 CLIENT INFORMATION.....	5
5.2 GENERAL DESCRIPTION OF E.U.T.....	5
5.3 TEST ENVIRONMENT AND MODE	12
5.4 DESCRIPTION OF SUPPORT UNITS.....	12
5.5 MEASUREMENT UNCERTAINTY.....	12
5.6 RELATED SUBMITTAL(S) / GRANT (S)	12
5.7 ADDITIONS TO, DEVIATIONS, OR EXCLUSIONS FROM THE METHOD	12
5.8 LABORATORY FACILITY	12
5.9 LABORATORY LOCATION	12
5.10 TEST INSTRUMENTS LIST	13
6. TEST RESULTS.....	14
6.1 CONDUCTED OUTPUT POWER, ERP AND EIRP	14
6.2 PEAK-TO-AVERAGE RATIO	29
6.3 OCCUPY BANDWIDTH	35
6.4 OUT OF BAND EMISSION AT ANTENNA TERMINALS	96
6.5 FIELD STRENGTH OF SPURIOUS RADIATION MEASUREMENT.....	201
6.6 FREQUENCY STABILITY V.S. TEMPERATURE MEASUREMENT.....	215
6.7 FREQUENCY STABILITY V.S. VOLTAGE MEASUREMENT	222
7 TEST SETUP PHOTO.....	226
8 EUT CONSTRUCTIONAL DETAILS	227

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 2.1046 Part 22.913 (a)(5) Part 24.232 (c) Part 27.50 (d)(4) Part 27.50 (h)(2)	Pass
Peak-to-Average Ratio	Part 24.232 (d) Part 27.50(d)(5)	Pass
Modulation Characteristics	Part 2.1047	Pass
99% & -26 dB Occupied Bandwidth	Part 2.1049 Part 22.917(b) Part 24.238(b) Part 27.53(h) Part 27.53(m)	Pass
Out of band emission at antenna terminals	Part 2.1053 Part 22.917(a) Part 24.238 (a) Part 27.53 (h) Part 27.53(m)	Pass
Field strength of spurious radiation	Part 22.917(a) Part 24.238 (a) Part 27.53 (h) Part 27.53(m)	Pass
Frequency stability vs. temperature	Part 22.355 Part 24.235 Part 27.54 Part 2.1055(a)(1)(b)	Pass
Frequency stability vs. voltage	Part 22.355 Part 24.235 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:	TECNO MOBILE LIMITED
Address:	FLAT 39 8/F BLOCK D WAH LOK INDUSTRIAL CENTRE 31-35 SHAN MEI STREET FOTAN NT
Manufacturer:	TECNO MOBILE LIMITED
Address:	FLAT 39 8/F BLOCK D WAH LOK INDUSTRIAL CENTRE 31-35 SHAN MEI STREET FOTAN NT
Factory:	SHENZHEN TECNO TECHNOLOGY CO., LTD.
Address:	101, Building 24, Waijing Industrial Park, Fumin Community, Fucheng Street, Longhua District, Shenzhen City, P.R.China

5.2 General Description of E.U.T.

Product Name:	Mobile Phone		
Model No.:	AC8		
Operation Frequency range:	LTE Band 2: TX: 1850MHz-1910MHz RX: 1930MHz-1990MHz LTE Band 4: TX: 1710MHz-1755MHz RX: 2110MHz-2155MHz LTE Band 5: TX: 824MHz-849MHz RX: 869MHz-894MHz LTE Band 7: TX: 2500MHz-2570MHz RX: 2620MHz-2690MHz LTE Band 38: TX: 2570MHz-2620MHz RX: 2570MHz-2620MHz LTE Band 41: TX: 2535MHz-2655MHz RX: 2535MHz-2655MHz		
Modulation type:	☒ QPSK	☒ 16QAM	☒ 64QAM
Antenna type:	Internal Antenna		
Antenna gain:	LTE Band 2: -2.60 dBi(declare by Applicant) LTE Band 4: -1.90 dBi(declare by Applicant) LTE Band 5: -4.0 dBi(declare by Applicant) LTE Band 7: 0.6 dBi(declare by Applicant) LTE Band 38: 0.6 dBi(declare by Applicant) LTE Band 41: 0.6 dBi(declare by Applicant)		
Power supply:	Rechargeable Li-ion Polymer Battery DC3.87V-4600mAh		
AC adapter:	Model: U330TSA Input: AC100-240V, 50/60Hz, 1.5A Output: DC 5.0V,3.0A or 10.0V,3.3A		
Test Sample Condition:	The applicant provided engineering samples for staying in continuously transmitting for testing.		

Operation Frequency List:

LTE Band 2 (1.4MHz)		LTE Band 2 (3MHz)	
Channel	Frequency (MHz)	Channel	Frequency (MHz)
18607	1850.70	18615	1851.50
18608	1850.80	18616	1851.60
....			
18899	1879.90	18899	1879.90
18900	1880.00	18900	1880.00
18901	1880.10	18901	1880.10
...	...	...	...
19193	1909.20	19185	1908.40
19194	1909.30	19186	1908.50
LTE Band 2 (5MHz)		LTE Band 2 (10MHz)	
Channel	Frequency (MHz)	Channel	Frequency (MHz)
18625	1852.50	18650	1855.00
18626	1852.60	18651	1855.10
....			
18899	1879.90	18899	1879.90
18900	1880.00	18900	1880.00
18901	1880.10	18901	1880.10
...	...	...	...
19175	1907.40	19150	1904.90
19176	1907.50	19151	1905.00
LTE Band 2 (15MHz)		LTE Band 2 (20MHz)	
Channel	Frequency (MHz)	Channel	Frequency (MHz)
18675	1857.50	18700	1860.00
18676	1857.60	18701	1860.10
....			
18899	1879.90	18899	1879.90
18900	1880.00	18900	1880.00
18901	1880.10	18901	1880.10
...	...	...	...
19125	1902.40	19100	1899.90
19126	1902.50	19101	1900.00

LTE Band 4 (1.4MHz)		LTE Band 4 (3MHz)	
Channel	Frequency (MHz)	Channel	Frequency (MHz)
19957	1710.70	19965	1711.50
19958	1710.80	19966	1711.60
....			
20174	1732.40	20174	1732.40
20175	1732.50	20175	1732.50
20176	1732.60	20176	1732.60
...	...	...	...
20392	1754.20	20384	1753.40
20393	1754.30	20385	1753.50
LTE Band 4 (5MHz)		LTE Band 4 (10MHz)	
Channel	Frequency (MHz)	Channel	Frequency (MHz)
19975	1712.50	20000	1715.00
19976	1712.60	20001	1715.10
....			
20174	1732.40	20174	1732.40
20175	1732.50	20175	1732.50
20176	1732.60	20176	1732.60
...	...	...	...
20374	1752.40	20349	1749.90
20375	1752.50	20350	1750.00
LTE Band 4 (15MHz)		LTE Band 4 (20MHz)	
Channel	Frequency (MHz)	Channel	Frequency (MHz)
20025	1717.50	20050	1720.00
20026	1717.60	20051	1720.10
....			
20174	1732.40	20174	1732.40
20175	1732.50	20175	1732.50
20176	1732.60	20176	1732.60
...	...	...	...
20324	1747.40	20299	1744.90
20325	1747.50	20300	1745.00

LTE Band 5 (1.4MHz)		LTE Band 5 (3MHz)	
Channel	Frequency (MHz)	Channel	Frequency (MHz)
20407	824.70	20415	825.50
20408	824.80	20416	825.60
....			
20524	836.40	20524	836.40
20525	836.50	20525	836.50
20526	836.60	20526	836.60
...	...	...	...
20642	848.20	20634	847.40
20643	848.30	20635	847.50
LTE Band 5 (5MHz)		LTE Band 5 (10MHz)	
Channel	Frequency (MHz)	Channel	Frequency (MHz)
20425	826.50	20450	829.00
20426	826.60	20451	829.10
....			
20524	836.40	20524	836.40
20525	836.50	20525	836.50
20526	836.60	20526	836.60
...	...	...	...
20624	846.40	20599	839.90
20625	846.50	20600	844.00

LTE Band 7 (5MHz)		LTE Band 7 (10MHz)	
Channel	Frequency (MHz)	Channel	Frequency (MHz)
20775	2502.50	20800	2505.00
20776	2502.60	20801	2502.10
....			
21099	2534.90	21099	2534.90
21100	2535.00	21100	2535.00
21101	2535.20	21101	2535.20
...	...	...	...
21424	2567.40	21399	2564.90
21425	2567.50	21400	2565.00
LTE Band 7 (15MHz)		LTE Band 7 (20MHz)	
Channel	Frequency (MHz)	Channel	Frequency (MHz)
20825	2507.50	20850	2510.00
20826	2507.60	20851	2510.10
....			
21099	2534.90	21099	2534.90
21100	2535.00	21100	2535.00
21101	2535.20	21101	2535.20
...	...	...	...
21374	2562.40	21349	2559.90
21375	2562.50	21350	2560.00

LTE Band 38 (5MHz)		LTE Band 38 (10MHz)	
Channel	Frequency (MHz)	Channel	Frequency (MHz)
Channel	Frequency (MHz)	37800	2575.00
37775	2572.50	37801	2575.10
37776	2572.60		
....		37999	2594.90
37999	2594.90	38000	2595.00
38000	2595.00	38001	2595.10
38001	2595.10	...	...
...	...	38199	2614.90
38224	2617.50	38200	2615.00
LTE Band 38 (15MHz)		LTE Band 38 (20MHz)	
Channel	Frequency (MHz)	Channel	Frequency (MHz)
37825	2577.50	37850	2580.00
37826	2577.60	37851	2580.10
....			
37999	2594.90	37999	2594.90
38000	2595.00	38000	2595.00
38001	2595.10	38001	2595.10
...	...	...	...
38174	2612.40	38149	2609.90
38175	2612.50	38150	2610.00

LTE Band 41 (5MHz)		LTE Band 41 (10MHz)	
Channel	Frequency (MHz)	Channel	Frequency (MHz)
40065	2537.50	40090	2540.00
40066	2537.60	40091	2540.10
....			
40639	2594.90	40639	2594.90
40640	2595.00	40640	2595.00
40641	2595.10	40641	2595.10
...	...	...	...
41214	2652.40	41189	2649.90
41215	2652.50	41190	2650.00
LTE Band 41 (15MHz)		LTE Band 41 (20MHz)	
Channel	Frequency (MHz)	Channel	Frequency (MHz)
40115	2542.50	40140	2545.00
40116	2542.60	40141	2545.10
....			
40639	2594.90	40639	2594.90
40640	2595.00	40640	2595.00
40641	2595.10	40641	2595.10
...	...	...	...
41164	2647.40	41139	2644.90
41165	2647.50	41140	2645.00

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 2 (1.4MHz)			LTE Band 2 (3MHz)		
Channel		Frequency (MHz)	Channel		Frequency (MHz)
Lowest channel	18607	1850.70	Lowest channel	18615	1851.50
Middle channel	18900	1880.00	Middle channel	18900	1880.00
Highest channel	19193	1909.30	Highest channel	19185	1908.50
LTE Band 2 (5MHz)			LTE Band 2 (10MHz)		
Channel		Frequency (MHz)	Channel		Frequency (MHz)
Lowest channel	18625	1852.50	Lowest channel	18650	1855.00
Middle channel	18900	1880.00	Middle channel	18900	1880.00
Highest channel	19175	1907.50	Highest channel	19150	1905.00
LTE Band 2 (15MHz)			LTE Band 2 (20MHz)		
Channel		Frequency (MHz)	Channel		Frequency (MHz)
Lowest channel	18675	1857.50	Lowest channel	18700	1860.00
Middle channel	18900	1880.00	Middle channel	18900	1880.00
Highest channel	19125	1902.50	Highest channel	19100	1900.00

LTE Band 4 (1.4MHz)			LTE Band 4 (3MHz)		
Channel:		Frequency (MHz)	Channel		Frequency (MHz)
Lowest channel	19957	1710.70	Lowest channel	19965	1711.50
Middle channel	20175	1732.50	Middle channel	20175	1732.50
Highest channel	20393	1754.30	Highest channel	20385	1753.50
LTE Band 4 (5MHz)			LTE Band 4 (10MHz)		
Channel		Frequency (MHz)	Channel		Frequency (MHz)
Lowest channel	19975	1712.50	Lowest channel	20000	1715.00
Middle channel	20175	1732.50	Middle channel	20175	1732.50
Highest channel	20375	1752.50	Highest channel	20350	1750.00
LTE Band 4 (15MHz)			LTE Band 4 (20MHz)		
Channel		Frequency (MHz)	Channel		Frequency (MHz)
Lowest channel	20025	1717.50	Lowest channel	20050	1720.00
Middle channel	20175	1732.50	Middle channel	20175	1732.50
Highest channel	20325	1747.50	Highest channel	20300	1745.00

LTE Band 5 (1.4MHz)			LTE Band 5 (3MHz)		
Channel:		Frequency (MHz)	Channel		Frequency (MHz)
Lowest channel	20407	824.70	Lowest channel	20415	825.50
Middle channel	20525	836.50	Middle channel	20525	836.50
Highest channel	20643	848.30	Highest channel	20635	847.50
LTE Band 5 (5MHz)			LTE Band 5 (10MHz)		
Channel		Frequency (MHz)	Channel		Frequency (MHz)
Lowest channel	20425	826.50	Lowest channel	20450	829.00
Middle channel	20525	836.50	Middle channel	20525	836.50
Highest channel	20625	846.50	Highest channel	20600	844.00

LTE Band 7 (5MHz)			LTE Band 7 (10MHz)		
Channel		Frequency (MHz)	Channel		Frequency (MHz)
Lowest channel	20775	2502.50	Lowest channel	20800	2505.00
Middle channel	21100	2535.00	Middle channel	21100	2535.00
Highest channel	21425	2567.50	Highest channel	21400	2565.00
LTE Band 7 (15MHz)			LTE Band 7 (20MHz)		
Channel		Frequency (MHz)	Channel		Frequency (MHz)
Lowest channel	20825	2507.50	Lowest channel	20850	2510.00
Middle channel	21100	2535.00	Middle channel	21100	2535.00
Highest channel	21375	2562.50	Highest channel	21350	2560.00

LTE Band 38 (5MHz)			LTE Band 38 (10MHz)		
Channel		Frequency (MHz)	Channel		Frequency (MHz)
Lowest channel	37775	2572.50	Lowest channel	37800	2575.00
Middle channel	38000	2595.00	Middle channel	38000	2595.00
Highest channel	38225	2617.50	Highest channel	38200	2615.00
LTE Band 38 (15MHz)			LTE Band 38 (20MHz)		
Channel		Frequency (MHz)	Channel		Frequency (MHz)
Lowest channel	37825	2577.50	Lowest channel	37850	2580.00
Middle channel	38000	2595.00	Middle channel	38000	2595.00
Highest channel	38175	2612.50	Highest channel	38150	2610.00

LTE Band 41 (5MHz)			LTE Band 41 (10MHz)		
Channel		Frequency (MHz)	Channel		Frequency (MHz)
Lowest channel	40065	2537.50	Lowest channel	40090	2540.00
Middle channel	40640	2595.00	Middle channel	40640	2595.00
Highest channel	41215	2652.50	Highest channel	41190	2650.00
LTE Band 41 (15MHz)			LTE Band 41 (20MHz)		
Channel		Frequency (MHz)	Channel		Frequency (MHz)
Lowest channel	40115	2542.50	Lowest channel	40140	2545.00
Middle channel	40640	2595.00	Middle channel	40640	2595.00
Highest channel	41165	2647.50	Highest channel	41140	2645.00

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: 3.87Vdc, Extreme: Low 3.29Vdc, High 4.45Vdc
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
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.
--

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

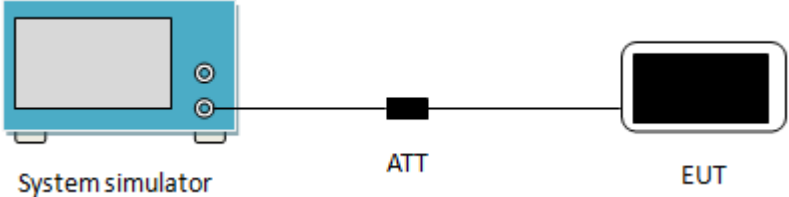
JianYan Testing Group Shenzhen Co., Ltd. Address: No.101, Building 8, Innovation Wisdom Port, No.155 Hongtian Road, Huangpu Community, Xinqiao Street, Bao'an District, Shenzhen, Guangdong, People's Republic of China. Tel: +86-755-23118282, Fax: +86-755-23116366 Email: info@ccis-cb.com, Website: http://www.ccis-cb.com
--

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	03-03-2021	03-02-2022
Biconical Antenna	SCHWARZBECK	VUBA9117	359	06-18-2020	06-17-2021
Horn Antenna	SCHWARZBECK	BBHA9120D	916	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	03-03-2021	03-02-2022
Pre-amplifier	CD	PAP-1G18	11804	03-03-2021	03-02-2022
Spectrum analyzer	Rohde & Schwarz	FSP30	101454	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	03-03-2021	03-02-2022
Spectrum Analyzer	Keysight	N9010B	MY60240202	11-27-2020	11-26-2021
Signal Generator	Rohde & Schwarz	SMX	835454/016	03-03-2021	03-02-2022
Signal Generator	R&S	SMR20	1008100050	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	03-03-2021	03-02-2022
Cable	MICRO-COAX	MFR64639	K10742-5	03-03-2021	03-02-2022
Cable	SUHNER	SUCOFLEX100	58193/4PE	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, ERP and EIRP

Test Requirement:	Part 22.913(a)(5), Part 24.232(c), Part 27.50(d)(4), Part 27.50 (h)(2)
Limit:	LTE Band 2: 2W, LTE Band 4: 1W, LTE Band 5: 7W, LTE Band 7: 2W, LTE Band 38: 2W, LTE Band 41: 2W
Test Setup:	 The diagram shows a blue rectangular box labeled 'System simulator' on the left. A horizontal line connects it to a small black rectangle labeled 'ATT' in the center. Another horizontal line connects the 'ATT' to a black rounded rectangle labeled 'EUT' on the right.
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:

LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)		
					18607	18900	19193
					1850.7MHz	1880.0MHz	1909.3MHz
2	1.4	QPSK	1	0	23.49	23.47	23.61
			1	2	23.52	23.52	23.62
			1	5	23.45	23.46	23.53
			3	0	22.60	22.56	22.64
			3	1	22.59	22.58	22.63
			3	2	22.57	22.55	22.63
			6	0	22.44	22.43	22.57
		Antenna Gain (dBi):			-2.6		
		Max. EIRP (dBm):			21.02		
		EIRP Limit (dBm):			33.00		
		16QAM	1	0	22.35	22.39	22.48
			1	2	22.43	22.45	22.52
			1	5	22.37	22.34	22.40
			3	0	21.45	21.36	21.39
			3	1	21.39	21.43	21.47
			3	2	21.43	21.45	21.48
			6	0	21.34	21.13	21.28
Antenna Gain (dBi):			-2.6				
Max. EIRP (dBm):			19.92				
EIRP Limit (dBm):			33.00				
LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)		
					18615	18900	19185
					1851.5MHz	1880.0MHz	1908.5MHz
2	3	QPSK	1	0	23.37	23.56	23.42
			1	7	23.47	23.46	23.44
			1	14	23.41	23.38	23.39
			8	0	22.56	22.40	22.40
			8	4	22.52	22.44	22.46
			8	7	22.60	22.36	22.59
			15	0	22.46	22.25	22.32
		Antenna Gain (dBi):			-2.6		
		Max. EIRP (dBm):			20.96		
		EIRP Limit (dBm):			33.00		
		16QAM	1	0	22.31	22.46	22.56
			1	7	22.46	22.38	22.46
			1	14	22.33	22.40	22.56
			8	0	21.48	21.46	21.44
			8	4	21.47	21.41	21.44
			8	7	21.50	21.40	21.42
			15	0	21.35	21.26	21.30
Antenna Gain (dBi):			-2.6				
Max. EIRP (dBm):			19.96				
EIRP Limit (dBm):			33.00				
Note: EIRP (dBm) = Average power (dBm) + Antenna Gain (dBi).							

LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)			
					18625	18900	19175	
					1852.5MHz	1880.0MHz	1907.5MHz	
2	5	QPSK	1	0	23.54	23.45	23.46	
			1	12	23.41	23.40	23.56	
			1	24	23.56	23.45	23.51	
			12	0	22.45	22.47	22.51	
			12	6	22.50	22.41	22.63	
			12	11	22.54	22.39	22.58	
			25	0	22.39	22.31	22.41	
		Antenna Gain (dBi):				-2.6		
		Max. EIRP (dBm):				20.96		
		EIRP Limit (dBm):				33.00		
		16QAM	1	0	22.47	22.51	22.53	
			1	12	22.39	22.60	22.54	
			1	24	22.54	22.54	22.49	
			12	0	21.57	21.53	21.61	
			12	6	21.42	21.55	21.59	
			12	11	21.54	21.41	21.54	
			25	0	21.37	21.34	21.47	
		Antenna Gain (dBi):				-2.6		
		Max. EIRP (dBm):				20.00		
		EIRP Limit (dBm):				33.00		
LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)			
					18650	18900	19150	
					1855.0MHz	1880.0MHz	1905.0MHz	
2	10	QPSK	1	0	23.53	23.50	23.47	
			1	24	23.44	23.51	23.56	
			1	49	23.56	23.43	23.67	
			25	0	22.57	22.43	22.66	
			25	12	22.63	22.36	22.53	
			25	24	22.50	22.44	22.57	
			50	0	22.43	22.32	22.41	
		Antenna Gain (dBi):				-2.6		
		Max. EIRP (dBm):				21.07		
		EIRP Limit (dBm):				33.00		
		16QAM	1	0	22.61	22.56	22.51	
			1	24	22.52	22.52	22.70	
			1	49	22.64	22.49	22.58	
			25	0	21.43	21.61	21.68	
			25	12	21.56	21.54	21.58	
			25	24	21.55	21.56	21.65	
			50	0	21.38	21.49	21.46	
		Antenna Gain (dBi):				-2.6		
		Max. EIRP (dBm):				20.10		
		EIRP Limit (dBm):				33.00		
Note: EIRP (dBm) = Average power (dBm) + Antenna Gain (dBi).								

LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)			
					18675	18900	19125	
					1857.5MHz	1880.0MHz	1902.5MHz	
2	15	QPSK	1	0	23.43	23.48	23.49	
			1	37	23.51	23.56	23.44	
			1	74	23.45	23.62	23.59	
			36	0	22.58	22.50	22.40	
			36	16	22.42	22.45	22.42	
			36	35	22.51	22.56	22.49	
			75	0	22.36	22.34	22.40	
		Antenna Gain (dBi):				-2.6		
		Max. EIRP (dBm):				21.02		
		EIRP Limit (dBm):				33.00		
		16QAM	1	0	22.39	22.52	22.42	
			1	37	22.56	22.55	22.55	
			1	74	22.50	22.49	22.46	
			36	0	21.53	21.50	21.61	
			36	16	21.48	21.47	21.39	
			36	35	21.52	21.46	21.55	
			75	0	21.38	21.39	21.36	
Antenna Gain (dBi):				-2.6				
Max. EIRP (dBm):				19.96				
EIRP Limit (dBm):				33.00				
LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)			
					18700	18900	19100	
					1860.0MHz	1880.0MHz	1900.0MHz	
2	20	QPSK	1	0	23.49	23.55	23.43	
			1	49	23.54	23.69	23.45	
			1	99	23.42	23.41	23.53	
			50	0	22.55	22.42	22.51	
			50	24	22.52	22.59	22.33	
			50	49	22.41	22.43	22.48	
			100	0	22.35	22.33	22.21	
		Antenna Gain (dBi):				-2.6		
		Max. EIRP (dBm):				21.09		
		EIRP Limit (dBm):				33.00		
		16QAM	1	0	22.39	22.46	22.51	
			1	49	22.46	22.57	22.42	
			1	99	22.49	22.50	22.48	
			50	0	21.46	21.51	21.58	
			50	24	21.52	21.53	21.43	
			50	49	21.45	21.42	21.45	
			100	0	21.38	21.29	21.26	
Antenna Gain (dBi):				-2.6				
Max. EIRP (dBm):				19.97				
EIRP Limit (dBm):				33.00				
Note: EIRP (dBm) = Average power (dBm) + Antenna Gain (dBi).								

LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)			
					19957	20175	20393	
					1710.7MHz	1732.5MHz	1754.3MHz	
4	1.4	QPSK	1	0	23.48	23.46	23.57	
			1	2	23.53	23.52	23.62	
			1	5	23.51	23.46	23.55	
			3	0	22.63	22.61	22.61	
			3	1	22.65	22.60	22.59	
			3	2	22.62	22.57	22.60	
			6	0	22.48	22.41	22.53	
		Antenna Gain (dBi):				-1.9		
		Max. EIRP (dBm):				21.72		
		EIRP Limit (dBm):				30.00		
		16QAM	1	0	22.36	22.34	22.34	
			1	2	22.44	22.44	22.41	
			1	5	22.32	22.33	22.34	
			3	0	21.34	21.34	21.43	
			3	1	21.40	21.35	21.41	
			3	2	21.39	21.35	21.42	
			6	0	21.36	21.28	21.31	
		Antenna Gain (dBi):				-1.9		
		Max. EIRP (dBm):				20.54		
		EIRP Limit (dBm):				30.00		
LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)			
					19965	20175	20385	
					1711.5MHz	1732.5MHz	1753.5MHz	
4	3	QPSK	1	0	23.38	23.35	23.44	
			1	7	23.46	23.46	23.55	
			1	14	23.35	23.34	23.44	
			8	0	22.52	22.48	22.58	
			8	4	22.53	22.57	22.54	
			8	7	22.60	22.59	22.58	
			15	0	22.49	22.48	22.55	
		Antenna Gain (dBi):				-1.9		
		Max. EIRP (dBm):				21.65		
		EIRP Limit (dBm):				30.00		
		16QAM	1	0	22.32	22.29	22.28	
			1	7	22.44	22.43	22.29	
			1	14	22.34	22.34	22.19	
			8	0	21.60	21.53	21.59	
			8	4	21.58	21.54	21.57	
			8	7	21.56	21.58	21.51	
			15	0	21.51	21.55	21.48	
		Antenna Gain (dBi):				-1.9		
		Max. EIRP (dBm):				20.54		
		EIRP Limit (dBm):				30.00		
Note: EIRP (dBm) = Average power (dBm) + Antenna Gain (dBi).								

LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)			
					19975	20175	20375	
					1712.5MHz	1732.5MHz	1752.5MHz	
4	5	QPSK	1	0	23.69	23.74	23.65	
			1	12	23.78	23.82	23.72	
			1	24	23.70	23.73	23.65	
			12	0	22.61	22.58	22.69	
			12	6	22.60	22.61	22.67	
			12	11	22.62	22.59	22.70	
			25	0	22.49	22.53	22.62	
		Antenna Gain (dBi):				-1.9		
		Max. EIRP (dBm):				21.92		
		EIRP Limit (dBm):				30.00		
		16QAM	1	0	22.55	22.58	22.72	
			1	12	22.68	22.68	22.76	
			1	24	22.60	22.57	22.68	
			12	0	21.61	21.56	21.65	
			12	6	21.57	21.57	21.71	
			12	11	21.57	21.56	21.66	
			25	0	21.49	21.67	21.55	
Antenna Gain (dBi):				-1.9				
Max. EIRP (dBm):				20.86				
EIRP Limit (dBm):				30.00				
LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)			
					20000	20175	20350	
					1715.0MHz	1732.5MHz	1750.0MHz	
4	10	QPSK	1	0	23.66	23.58	23.72	
			1	24	23.68	23.69	23.77	
			1	49	23.66	23.63	23.74	
			25	0	22.64	22.52	22.69	
			25	12	22.64	22.57	22.75	
			25	24	22.68	22.53	22.72	
			50	0	22.52	22.44	22.58	
		Antenna Gain (dBi):				-1.9		
		Max. EIRP (dBm):				21.87		
		EIRP Limit (dBm):				30.00		
		16QAM	1	0	22.62	22.66	22.43	
			1	24	22.75	22.72	22.57	
			1	49	22.67	22.63	22.50	
			25	0	21.65	21.54	21.66	
			25	12	21.63	21.56	21.71	
			25	24	21.63	21.54	21.68	
			50	0	21.51	21.41	21.62	
Antenna Gain (dBi):				-1.9				
Max. EIRP (dBm):				20.85				
EIRP Limit (dBm):				30.00				
Note: EIRP (dBm) = Average power (dBm) + Antenna Gain (dBi).								

LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)			
					20025	20175	20325	
					1717.5MHz	1732.5MHz	1747.5MHz	
4	15	QPSK	1	0	23.65	23.68	23.56	
			1	37	23.70	23.69	23.70	
			1	74	23.70	23.69	23.63	
			36	0	22.63	22.68	22.62	
			36	16	22.75	22.77	22.83	
			36	35	22.75	22.73	22.79	
			75	0	22.72	22.64	22.73	
		Antenna Gain (dBi):				-1.9		
		Max. EIRP (dBm):				21.80		
		EIRP Limit (dBm):				30.00		
		16QAM	1	0	22.63	22.71	22.64	
			1	37	22.74	22.70	22.78	
			1	74	22.71	22.68	22.73	
			36	0	21.64	21.66	21.65	
			36	16	21.73	21.73	21.80	
			36	35	21.74	21.72	21.79	
			75	0	21.57	21.62	21.59	
		Antenna Gain (dBi):				-1.9		
		Max. EIRP (dBm):				20.88		
EIRP Limit (dBm):				30.00				
LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)			
					20050	20175	20300	
					1720.0MHz	1732.5MHz	1745.0MHz	
4	20	QPSK	1	0	23.63	23.68	23.61	
			1	49	23.77	23.77	23.82	
			1	99	23.72	23.76	23.74	
			50	0	22.65	22.57	22.76	
			50	24	22.69	22.57	22.76	
			50	49	22.70	22.59	22.79	
			100	0	22.59	22.51	22.68	
		Antenna Gain (dBi):				-1.9		
		Max. EIRP (dBm):				21.92		
		EIRP Limit (dBm):				30.00		
		16QAM	1	0	22.46	22.62	22.67	
			1	49	22.68	22.69	22.89	
			1	99	22.54	22.59	22.80	
			50	0	21.68	21.52	21.73	
			50	24	21.68	21.54	21.80	
			50	49	21.66	21.54	21.75	
			100	0	21.58	21.48	21.66	
		Antenna Gain (dBi):				-1.9		
		Max. EIRP (dBm):				20.99		
EIRP Limit (dBm):				30.00				
Note: EIRP (dBm) = Average power (dBm) + Antenna Gain (dBi).								

LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)			
					20407	20525	20643	
					824.7MHz	836.5MHz	848.3MHz	
5	1.4	QPSK	1	0	23.42	23.44	23.52	
			1	2	23.44	23.44	23.51	
			1	5	23.42	23.40	23.49	
			3	0	22.57	22.51	22.59	
			3	1	22.53	22.55	22.59	
			3	2	22.51	22.51	22.54	
			6	0	22.43	22.48	22.45	
		Antenna Gain(dBi):				-4.0		
		Max. ERP (dBm):				17.37		
		ERP Limit (dBm):				38.45		
		16QAM	1	0	22.32	22.29	22.40	
			1	2	22.38	22.34	22.41	
			1	5	22.36	22.27	22.32	
			3	0	21.30	21.32	21.36	
			3	1	21.36	21.32	21.38	
			3	2	21.30	21.26	21.35	
			6	0	21.27	21.25	21.29	
		Antenna Gain(dBi):				-4.0		
		Max. ERP (dBm):				16.26		
		ERP Limit (dBm):				38.45		
LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)			
					20415	20525	20635	
					825.5MHz	836.5MHz	847.50MHz	
5	3	QPSK	1	0	23.35	23.32	23.40	
			1	7	23.40	23.41	23.52	
			1	14	23.30	23.32	23.43	
			8	0	22.47	22.46	22.54	
			8	4	22.51	22.49	22.57	
			8	7	22.54	22.54	22.59	
			15	0	22.44	22.42	22.50	
		Antenna Gain(dBi):				-4.0		
		Max. ERP (dBm):				17.37		
		ERP Limit (dBm):				38.45		
		16QAM	1	0	22.58	22.52	22.51	
			1	7	22.65	22.52	22.52	
			1	14	22.47	22.49	22.56	
			8	0	21.48	21.52	21.56	
			8	4	21.47	21.53	21.54	
			8	7	21.55	21.49	21.54	
			15	0	21.46	21.53	21.47	
		Antenna Gain(dBi):				-4.0		
		Max. ERP (dBm):				16.50		
		ERP Limit (dBm):				38.45		
Note: EIRP (dBm) = Average power (dBm) + Antenna Gain (dBi). ERP (dBm) = EIRP (dBm) - 2.15 (dB).								

LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)			
					20425	20525	20625	
					826.5MHz	836.5MHz	846.5MHz	
5	5	QPSK	1	0	23.67	23.60	23.70	
			1	12	23.73	23.67	23.80	
			1	24	23.60	23.65	23.73	
			12	0	22.47	22.62	22.61	
			12	6	22.51	22.57	22.68	
			12	11	22.55	22.60	22.68	
			25	0	22.41	22.52	22.59	
		Antenna Gain(dBi):				-4.0		
		Max. ERP (dBm):				17.65		
		ERP Limit (dBm):				38.45		
		16QAM	1	0	22.57	22.58	22.50	
			1	12	22.63	22.68	22.64	
			1	24	22.59	22.64	22.58	
			12	0	21.44	21.57	21.66	
			12	6	21.46	21.56	21.64	
			12	11	21.47	21.57	21.63	
			25	0	21.40	21.51	21.55	
		Antenna Gain(dBi):				-4.0		
		Max. ERP (dBm):				16.53		
ERP Limit (dBm):				38.45				
LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)			
					20450	20525	20600	
					829.0MHz	836.5MHz	844.0MHz	
5	10	QPSK	1	0	23.61	23.60	23.55	
			1	24	23.61	23.72	23.68	
			1	49	23.58	23.67	23.70	
			25	0	22.45	22.58	22.64	
			25	12	22.49	22.57	22.60	
			25	24	22.44	22.54	22.62	
			50	0	22.39	22.50	22.53	
		Antenna Gain(dBi):				-4.0		
		Max. ERP (dBm):				17.57		
		ERP Limit (dBm):				38.45		
		16QAM	1	0	22.59	22.44	22.48	
			1	24	22.60	22.49	22.45	
			1	49	22.57	22.47	22.41	
			25	0	21.44	21.57	21.64	
			25	12	21.45	21.56	21.67	
			25	24	21.42	21.57	21.65	
			50	0	21.40	21.48	21.63	
		Antenna Gain(dBi):				-4.0		
		Max. ERP (dBm):				16.45		
ERP Limit (dBm):				38.45				
Note: EIRP (dBm) = Average power (dBm) + Antenna Gain (dBi). ERP (dBm) = EIRP (dBm) - 2.15 (dB).								

LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)		
					20775	21100	21425
					2502.5MHz	2535.0MHz	2567.5MHz
7	5	QPSK	1	0	22.78	22.86	22.66
			1	12	22.86	22.93	22.75
			1	24	22.81	22.83	22.69
			12	0	21.70	21.81	21.67
			12	6	21.72	21.84	21.66
			12	11	21.72	21.84	21.67
			25	0	21.67	21.72	21.56
		Antenna Gain (dBi):			0.6		
		Max. EIRP (dBm):			23.53		
		EIRP Limit (dBm):			33.00		
		16QAM	1	0	21.66	21.79	21.72
			1	12	21.75	21.82	21.80
			1	24	21.71	21.72	21.70
			12	0	20.71	20.81	20.71
			12	6	20.69	20.82	20.64
			12	11	20.68	20.84	20.67
			25	0	20.58	20.76	20.60
Antenna Gain (dBi):			0.6				
Max. EIRP (dBm):			22.42				
EIRP Limit (dBm):			33.00				
LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)		
					20800	21100	21400
					2505.0MHz	2535.0MHz	2565.0MHz
7	10	QPSK	1	0	22.72	22.78	22.74
			1	24	22.83	22.87	22.81
			1	49	22.74	22.79	22.70
			25	0	21.78	21.86	21.60
			25	12	21.77	21.86	21.69
			25	24	21.75	21.87	21.70
			50	0	21.63	21.76	21.54
		Antenna Gain (dBi):			0.6		
		Max. EIRP (dBm):			23.47		
		EIRP Limit (dBm):			33.00		
		16QAM	1	0	21.77	21.88	21.48
			1	24	21.81	21.86	21.59
			1	49	21.74	21.76	21.51
			25	0	20.75	20.85	20.74
			25	12	20.75	20.84	20.73
			25	24	20.72	20.84	20.74
			50	0	20.61	20.71	20.62
Antenna Gain (dBi):			0.6				
Max. EIRP (dBm):			22.48				
EIRP Limit (dBm):			33.00				
Note: EIRP (dBm) = Average power (dBm) + Antenna Gain (dBi).							

LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)			
					20825	21100	21375	
					2507.5MHz	2535.0MHz	2562.5MHz	
7	15	QPSK	1	0	22.73	22.83	22.68	
			1	37	22.79	22.88	22.70	
			1	74	22.79	22.79	22.64	
			36	0	21.71	21.86	21.75	
			36	16	21.77	21.85	21.67	
			36	35	21.78	21.87	21.76	
			75	0	21.66	21.76	21.61	
		Antenna Gain (dBi):				0.6		
		Max. EIRP (dBm):				23.48		
		EIRP Limit (dBm):				33.00		
		16QAM	1	0	21.68	21.83	21.74	
			1	37	21.80	21.86	21.84	
			1	74	21.76	21.77	21.70	
			36	0	20.71	20.82	20.69	
			36	16	20.79	20.89	20.83	
			36	35	20.78	20.85	20.80	
			75	0	20.68	20.78	20.64	
Antenna Gain (dBi):				0.6				
Max. EIRP (dBm):				22.46				
EIRP Limit (dBm):				33.00				
LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)			
					20850	21100	21350	
					2510.0MHz	2535.0MHz	2560.0MHz	
7	20	QPSK	1	0	22.71	22.82	22.68	
			1	49	22.86	22.98	22.85	
			1	99	22.82	22.88	22.73	
			50	0	21.67	21.79	21.67	
			50	24	21.69	21.77	21.77	
			50	49	21.69	21.82	21.65	
			100	0	21.58	21.61	21.60	
		Antenna Gain (dBi):				0.6		
		Max. EIRP (dBm):				23.58		
		EIRP Limit (dBm):				33.00		
		16QAM	1	0	21.81	21.75	21.79	
			1	49	21.93	21.80	21.90	
			1	99	21.91	21.70	21.81	
			50	0	20.74	20.77	20.58	
			50	24	20.64	20.79	20.55	
			50	49	20.72	20.82	20.61	
			100	0	20.56	20.76	20.44	
Antenna Gain (dBi):				0.6				
Max. EIRP (dBm):				22.53				
EIRP Limit (dBm):				33.00				
Note: EIRP (dBm) = Average power (dBm) + Antenna Gain (dBi).								

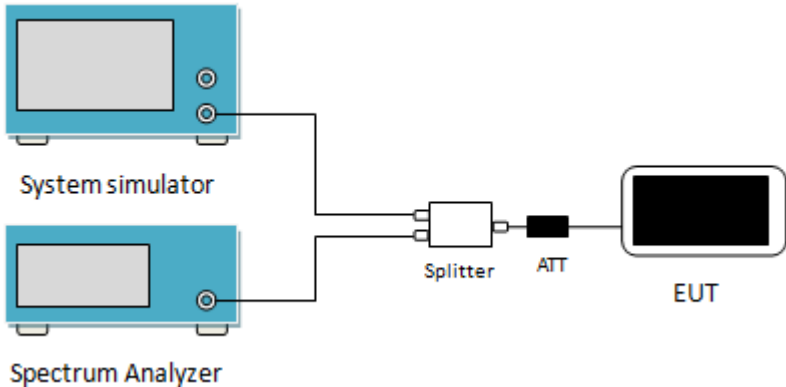
LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)			
					37775	38000	38225	
					2572.50MHz	2595.00MHz	2617.50MHz	
38	5	QPSK	1	0	23.07	23.03	23.27	
			1	12	23.19	23.13	23.36	
			1	24	23.09	23.02	23.29	
			12	0	22.07	22.03	22.34	
			12	6	22.07	22.04	22.32	
			12	11	22.06	22.05	22.35	
			25	0	21.95	22.01	22.31	
		Antenna Gain (dBi):				0.6		
		Max. EIRP (dBm):				23.96		
		EIRP Limit (dBm):				33.00		
		16QAM	1	0	22.05	22.09	22.17	
			1	12	22.11	22.17	22.27	
			1	24	22.01	22.09	22.22	
			12	0	21.05	21.04	21.33	
			12	6	21.04	21.06	21.31	
			12	11	21.03	21.06	21.33	
			25	0	21.01	21.03	21.14	
Antenna Gain (dBi):				0.6				
Max. EIRP (dBm):				22.87				
EIRP Limit (dBm):				33.00				
LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)			
					378000	38000	38200	
					2575.00MHz	2595.00MHz	2615.00MHz	
38	10	QPSK	1	0	23.07	22.99	23.27	
			1	24	23.24	23.11	23.35	
			1	49	23.15	23.04	23.33	
			25	0	22.05	22.06	22.31	
			25	12	22.07	22.08	22.30	
			25	24	22.12	22.12	22.31	
			50	0	22.02	21.98	22.24	
		Antenna Gain (dBi):				0.6		
		Max. EIRP (dBm):				23.95		
		EIRP Limit (dBm):				33.00		
		16QAM	1	0	21.92	22.00	22.06	
			1	24	22.02	22.16	22.18	
			1	49	21.87	22.13	22.15	
			25	0	21.11	21.02	21.33	
			25	12	21.15	21.03	21.34	
			25	24	21.10	21.04	21.33	
			50	0	21.01	20.93	21.14	
Antenna Gain (dBi):				0.6				
Max. EIRP (dBm):				22.78				
EIRP Limit (dBm):				33.00				
Note: EIRP (dBm) = Average power (dBm) + Antenna Gain (dBi).								

LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)			
					37825	38000	38175	
					2577.50MHz	2595.00MHz	2612.50MHz	
38	15	QPSK	1	0	23.07	23.01	23.15	
			1	37	23.13	23.07	23.30	
			1	74	23.07	23.01	23.29	
			36	0	22.12	22.13	21.95	
			36	16	22.17	22.21	22.08	
			36	35	22.19	22.22	22.10	
			75	0	22.07	22.10	21.94	
		Antenna Gain (dBi):				0.6		
		Max. EIRP (dBm):				23.90		
		EIRP Limit (dBm):				33.00		
		16QAM	1	0	22.09	22.10	21.95	
			1	37	22.18	22.19	22.10	
			1	74	22.12	22.21	22.10	
			36	0	21.09	21.11	20.96	
			36	16	21.15	21.18	21.13	
			36	35	21.14	21.21	21.11	
			75	0	21.01	21.12	21.01	
Antenna Gain (dBi):				0.6				
Max. EIRP (dBm):				22.81				
EIRP Limit (dBm):				33.00				
LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)			
					37850	38000	38150	
					2580.00MHz	2595.00MHz	2610.00MHz	
38	20	QPSK	1	0	23.06	23.05	23.03	
			1	49	23.18	23.23	23.30	
			1	99	23.12	23.14	23.28	
			50	0	22.07	22.15	22.22	
			50	24	22.05	22.09	22.24	
			50	49	22.06	22.07	22.20	
			100	0	22.02	22.07	22.13	
		Antenna Gain (dBi):				0.6		
		Max. EIRP (dBm):				23.90		
		EIRP Limit (dBm):				33.00		
		16QAM	1	0	22.16	21.96	22.20	
			1	49	22.31	22.06	22.44	
			1	99	22.24	22.08	22.45	
			50	0	21.05	21.08	21.23	
			50	24	21.08	21.08	21.25	
			50	49	21.07	21.09	21.30	
			100	0	20.96	21.02	21.15	
Antenna Gain (dBi):				0.6				
Max. EIRP (dBm):				23.05				
EIRP Limit (dBm):				33.00				
Note: EIRP (dBm) = Average power (dBm) + Antenna Gain (dBi).								

LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)			
					40065	40640	41215	
					2537.50MHz	2595.00MHz	2652.50MHz	
41	5	QPSK	1	0	23.36	23.06	23.18	
			1	12	23.43	23.19	23.34	
			1	24	23.32	23.07	23.18	
			12	0	22.39	22.06	22.25	
			12	6	22.37	22.12	22.29	
			12	11	22.38	22.12	22.31	
			25	0	22.32	22.21	22.26	
		Antenna Gain (dBi):				0.6		
		Max. EIRP (dBm):				24.03		
		EIRP Limit (dBm):				33.00		
		16QAM	1	0	22.36	22.03	22.19	
			1	12	22.41	22.09	22.24	
			1	24	22.33	22.03	22.21	
			12	0	21.34	21.09	21.24	
			12	6	21.35	21.07	21.25	
			12	11	21.35	21.06	21.24	
			25	0	21.27	21.17	21.12	
Antenna Gain (dBi):				0.6				
Max. EIRP (dBm):				23.01				
EIRP Limit (dBm):				33.00				
LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)			
					40090	40640	41190	
					2540.00MHz	2595.00MHz	2650.00MHz	
41	10	QPSK	1	0	23.26	22.99	23.22	
			1	24	23.32	23.15	23.28	
			1	49	23.24	23.08	23.27	
			25	0	22.26	22.06	22.29	
			25	12	22.27	22.08	22.30	
			25	24	22.28	22.09	22.32	
			50	0	22.22	22.02	22.19	
		Antenna Gain (dBi):				0.6		
		Max. EIRP (dBm):				23.92		
		EIRP Limit (dBm):				33.00		
		16QAM	1	0	22.33	22.10	22.09	
			1	24	22.29	22.16	22.09	
			1	49	22.26	22.07	21.98	
			25	0	21.28	21.03	21.31	
			25	12	21.23	21.04	21.31	
			25	24	21.27	21.06	21.29	
			50	0	21.34	21.00	21.22	
Antenna Gain (dBi):				0.6				
Max. EIRP (dBm):				22.93				
EIRP Limit (dBm):				33.00				
Note: EIRP (dBm) = Average power (dBm) + Antenna Gain (dBi).								

LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)			
					40115	40640	41165	
					2542.50MHz	2595.00MHz	2647.50MHz	
41	15	QPSK	1	0	23.33	23.04	23.23	
			1	37	23.31	23.10	23.28	
			1	74	23.24	23.01	23.21	
			36	0	22.30	22.15	22.07	
			36	16	22.30	22.22	22.05	
			36	35	22.31	22.25	22.07	
			75	0	22.35	22.10	22.32	
		Antenna Gain (dBi):				0.6		
		Max. EIRP (dBm):				23.93		
		EIRP Limit (dBm):				33.00		
		16QAM	1	0	22.28	22.17	22.02	
			1	37	22.29	22.29	22.08	
			1	74	22.23	22.21	21.93	
			36	0	21.29	21.15	21.14	
			36	16	21.30	21.24	21.15	
			36	35	21.33	21.25	21.17	
			75	0	21.22	21.10	21.05	
		Antenna Gain (dBi):				0.6		
		Max. EIRP (dBm):				22.89		
		EIRP Limit (dBm):				33.00		
LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)			
					40140	40640	41140	
					2545.00MHz	2595.00MHz	2645.00MHz	
41	20	QPSK	1	0	23.37	23.08	23.15	
			1	49	23.39	23.20	23.29	
			1	99	23.27	23.14	23.19	
			50	0	22.21	22.09	22.36	
			50	24	22.23	22.11	22.38	
			50	49	22.23	22.08	22.35	
			100	0	22.18	22.06	22.24	
		Antenna Gain (dBi):				0.6		
		Max. EIRP (dBm):				23.99		
		EIRP Limit (dBm):				33.00		
		16QAM	1	0	22.17	22.15	22.00	
			1	49	22.28	22.32	22.17	
			1	99	22.09	22.32	22.06	
			50	0	21.19	21.08	21.35	
			50	24	21.20	21.11	21.38	
			50	49	21.17	21.14	21.45	
			100	0	21.15	21.11	21.33	
		Antenna Gain (dBi):				0.6		
		Max. EIRP (dBm):				22.92		
		EIRP Limit (dBm):				33.00		
Note: EIRP (dBm) = Average power (dBm) + Antenna Gain (dBi).								

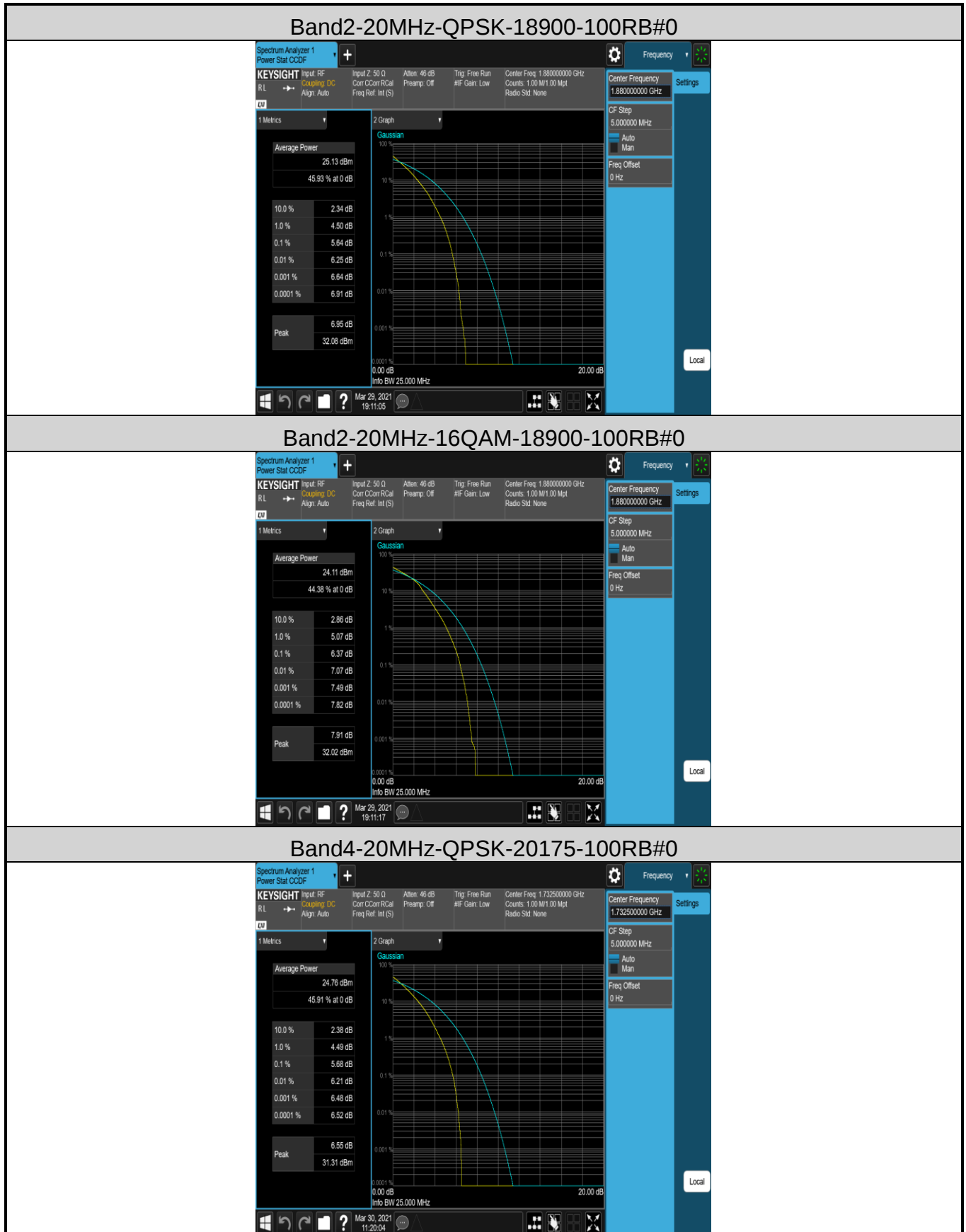
6.2 Peak-to-Average Ratio

Test Requirement:	Part 24.232 (d), Part 27.50(d)(5)
Limit:	The peak-to-average ratio (PAR) of the transmission may not exceed 13 dB.
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 is connected to a black 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 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):

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band2	20MHz	QPSK	18900	100RB#0	5.64	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	6.37	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.68	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	6.38	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.43	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.16	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	5.50	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	6.33	13	PASS
Band38	20MHz	QPSK	38000	100RB#0	5.64	13	PASS
Band38	20MHz	16QAM	38000	100RB#0	6.33	13	PASS
Band41	20MHz	QPSK	40640	100RB#0	5.67	13	PASS
Band41	20MHz	16QAM	40640	100RB#0	6.38	13	PASS

Test plots as below:



Band4-20MHz-16QAM-20175-100RB#0



Band5-10MHz-QPSK-20525-50RB#0



Band5-10MHz-16QAM-20525-50RB#0



Band7-20MHz-QPSK-21100-100RB#0



Band7-20MHz-16QAM-21100-100RB#0



Band38-20MHz-QPSK-38000-100RB#0



Band38-20MHz-16QAM-38000-100RB#0



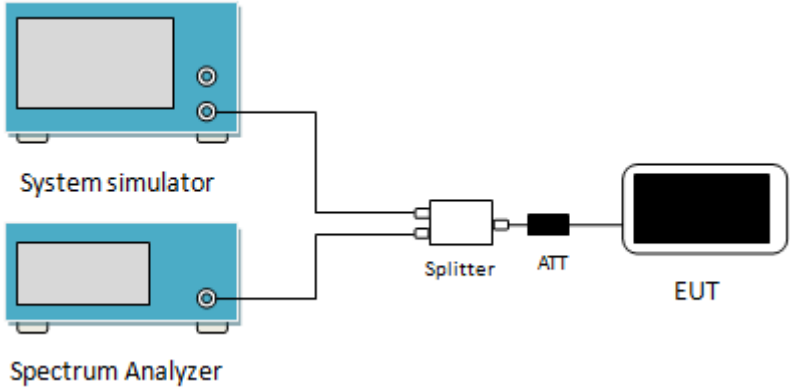
Band41-20MHz-QPSK-40640-100RB#0



Band41-20MHz-16QAM-40640-100RB#0



6.3 Occupy Bandwidth

Test Requirement:	Part 22.917(b), Part 24.238(b), Part 27.53(h),Part 27.53(m)
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 on their right side. These two ports are connected to a single input port of a white rectangular unit labeled 'Splitter'. The 'Splitter' has two output ports on its right side. One output port is connected to a black rectangular unit labeled 'ATT' (Attenuator). The other output port is connected to a white rectangular unit with a black screen, labeled '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:

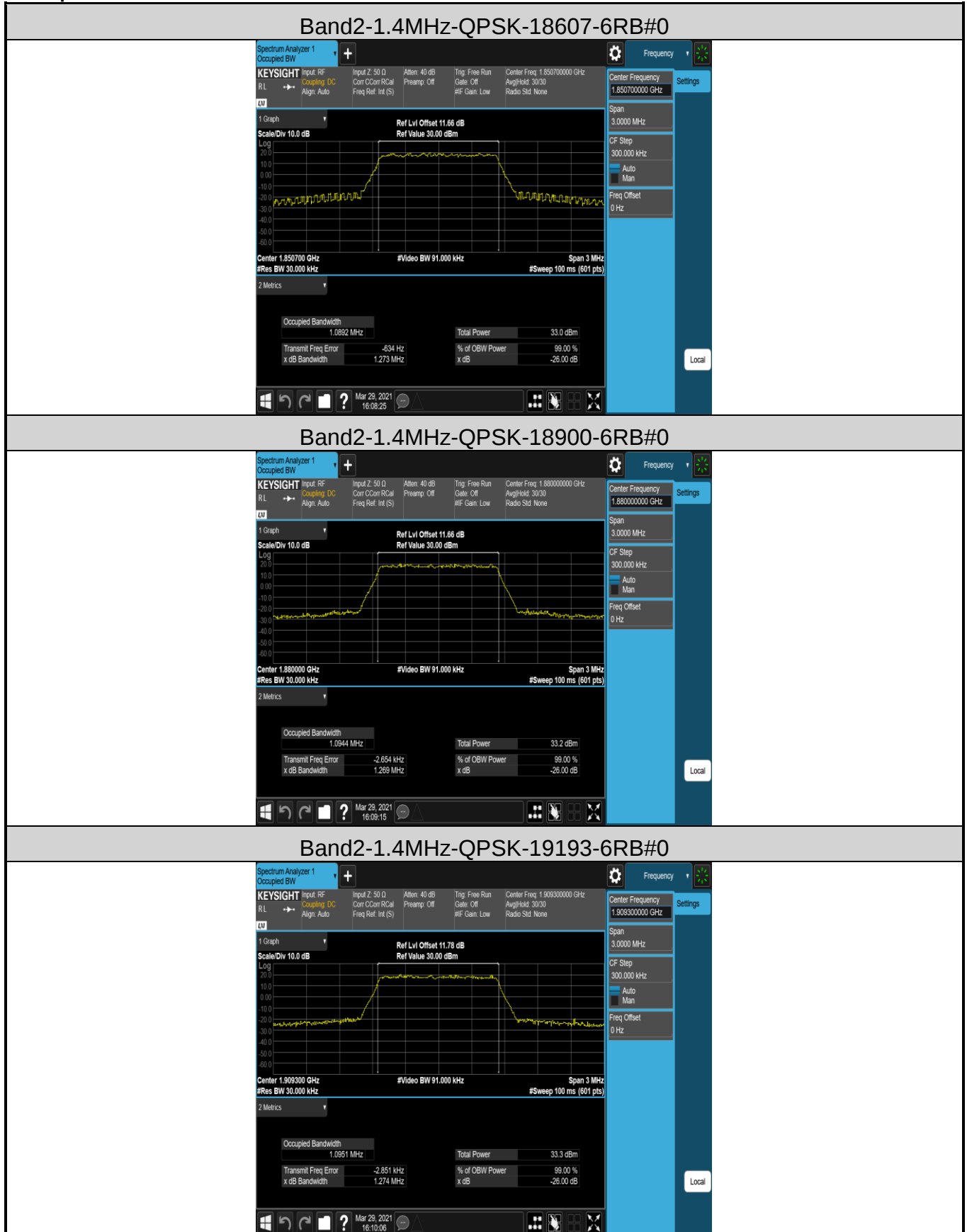
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1.0892	1.273	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.0944	1.269	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.0951	1.274	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.1002	1.289	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.0957	1.276	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.0938	1.279	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.6846	2.951	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.6916	2.960	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.6826	2.936	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.6855	2.951	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.6800	2.970	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.6811	2.963	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.5013	4.924	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.4925	4.903	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.5036	4.917	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.4986	4.897	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.4996	5.032	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.5108	4.913	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.9835	9.751	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.9754	9.773	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.9665	9.696	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.9839	9.786	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.9811	9.734	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.9465	9.672	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.479	14.66	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.451	14.73	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.402	14.52	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.476	14.60	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.475	14.61	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.459	14.59	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.940	19.36	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.961	19.53	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.907	19.61	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.968	19.38	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.928	19.33	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.904	19.45	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	1.0959	1.274	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0940	1.270	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0957	1.274	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0996	1.286	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0988	1.296	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0936	1.279	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6929	2.944	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6863	2.944	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.6863	2.939	PASS

Band4	3MHz	16QAM	19965	15RB#0	2.6834	2.952	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6805	2.981	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6838	2.989	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5018	4.916	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5005	4.924	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.4910	4.908	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.4994	4.894	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.4955	4.895	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5022	4.929	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9725	9.760	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9716	9.720	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9806	9.779	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9813	9.707	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9665	9.707	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.9783	9.754	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.491	14.64	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.465	14.64	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.474	14.65	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.484	14.58	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.450	14.61	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.461	14.61	PASS
Band4	20MHz	QPSK	20050	100RB#0	18.003	19.35	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.917	19.35	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.933	19.40	PASS
Band4	20MHz	16QAM	20050	100RB#0	18.029	19.37	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.980	19.36	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.914	19.34	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	1.0947	1.280	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0939	1.264	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0941	1.274	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.0996	1.294	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0987	1.284	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0964	1.279	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.6887	2.945	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6857	2.957	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.6912	2.945	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.6821	2.940	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6825	2.939	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6834	2.953	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5006	4.918	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5010	4.922	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.4920	4.904	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.4926	4.898	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.4957	4.897	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5013	4.933	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9797	10.20	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9611	9.774	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9735	9.781	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9641	9.711	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9726	9.712	PASS

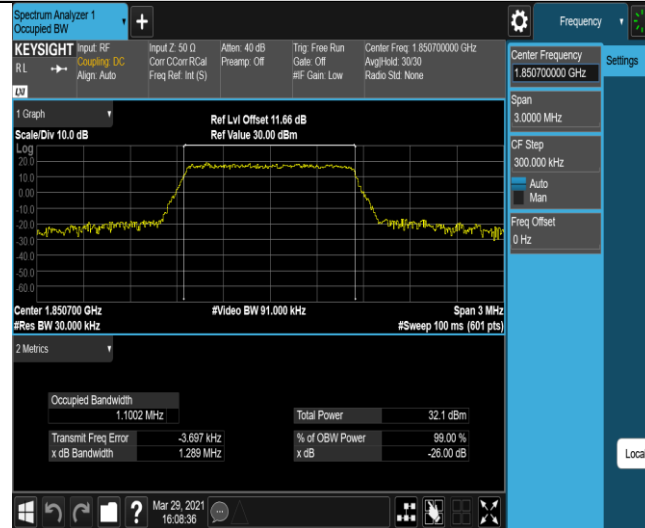
Band5	10MHz	16QAM	20600	50RB#0	8.9801	9.744	PASS
Band7	5MHz	QPSK	20775	25RB#0	4.4935	4.899	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.5017	4.923	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.4949	4.901	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.5029	4.925	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.4988	4.906	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.5044	4.931	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.9805	9.762	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.9941	9.786	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.9947	9.745	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.9695	9.736	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.9773	9.705	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.9857	9.720	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.463	14.63	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.478	14.66	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.480	14.61	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.483	14.54	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.454	14.57	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.478	14.58	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.932	19.34	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.941	19.28	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.964	19.43	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.953	19.36	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.937	19.37	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.931	19.34	PASS
Band38	5MHz	QPSK	37775	25RB#0	4.4971	4.936	PASS
Band38	5MHz	QPSK	38000	25RB#0	4.4951	5.061	PASS
Band38	5MHz	QPSK	38225	25RB#0	4.5042	4.967	PASS
Band38	5MHz	16QAM	37775	25RB#0	4.5008	4.972	PASS
Band38	5MHz	16QAM	38000	25RB#0	4.4872	4.901	PASS
Band38	5MHz	16QAM	38225	25RB#0	4.4919	4.951	PASS
Band38	10MHz	QPSK	37800	50RB#0	8.9717	9.728	PASS
Band38	10MHz	QPSK	38000	50RB#0	8.9711	9.782	PASS
Band38	10MHz	QPSK	38200	50RB#0	8.9856	9.714	PASS
Band38	10MHz	16QAM	37800	50RB#0	8.9734	9.811	PASS
Band38	10MHz	16QAM	38000	50RB#0	8.9959	9.738	PASS
Band38	10MHz	16QAM	38200	50RB#0	8.9785	10.35	PASS
Band38	15MHz	QPSK	37825	75RB#0	13.465	15.02	PASS
Band38	15MHz	QPSK	38000	75RB#0	13.404	15.21	PASS
Band38	15MHz	QPSK	38175	75RB#0	13.445	14.78	PASS
Band38	15MHz	16QAM	37825	75RB#0	13.459	14.72	PASS
Band38	15MHz	16QAM	38000	75RB#0	13.513	15.13	PASS
Band38	15MHz	16QAM	38175	75RB#0	13.466	14.78	PASS
Band38	20MHz	QPSK	37850	100RB#0	17.925	19.43	PASS
Band38	20MHz	QPSK	38000	100RB#0	17.973	19.40	PASS
Band38	20MHz	QPSK	38150	100RB#0	17.908	19.44	PASS
Band38	20MHz	16QAM	37850	100RB#0	17.916	19.23	PASS
Band38	20MHz	16QAM	38000	100RB#0	17.900	19.47	PASS
Band38	20MHz	16QAM	38150	100RB#0	17.904	19.26	PASS
Band41	5MHz	QPSK	40065	25RB#0	4.4966	4.923	PASS

Band41	5MHz	QPSK	40640	25RB#0	4.4950	4.923	PASS
Band41	5MHz	QPSK	41215	25RB#0	4.4958	4.917	PASS
Band41	5MHz	16QAM	40065	25RB#0	4.5002	4.965	PASS
Band41	5MHz	16QAM	40640	25RB#0	4.5062	4.968	PASS
Band41	5MHz	16QAM	41215	25RB#0	4.4968	5.000	PASS
Band41	10MHz	QPSK	40090	50RB#0	8.9795	9.745	PASS
Band41	10MHz	QPSK	40640	50RB#0	8.9725	9.702	PASS
Band41	10MHz	QPSK	41190	50RB#0	8.9787	9.759	PASS
Band41	10MHz	16QAM	40090	50RB#0	8.9762	9.704	PASS
Band41	10MHz	16QAM	40640	50RB#0	8.9903	10.37	PASS
Band41	10MHz	16QAM	41190	50RB#0	8.9633	9.715	PASS
Band41	15MHz	QPSK	40115	75RB#0	13.458	14.59	PASS
Band41	15MHz	QPSK	40640	75RB#0	13.478	14.59	PASS
Band41	15MHz	QPSK	41165	75RB#0	13.493	14.93	PASS
Band41	15MHz	16QAM	40115	75RB#0	13.475	14.77	PASS
Band41	15MHz	16QAM	40640	75RB#0	13.464	14.98	PASS
Band41	15MHz	16QAM	41165	75RB#0	13.452	14.94	PASS
Band41	20MHz	QPSK	40140	100RB#0	17.948	19.24	PASS
Band41	20MHz	QPSK	40640	100RB#0	17.969	19.40	PASS
Band41	20MHz	QPSK	41140	100RB#0	17.942	19.43	PASS
Band41	20MHz	16QAM	40140	100RB#0	17.880	19.32	PASS
Band41	20MHz	16QAM	40640	100RB#0	17.917	19.35	PASS
Band41	20MHz	16QAM	41140	100RB#0	17.917	19.34	PASS

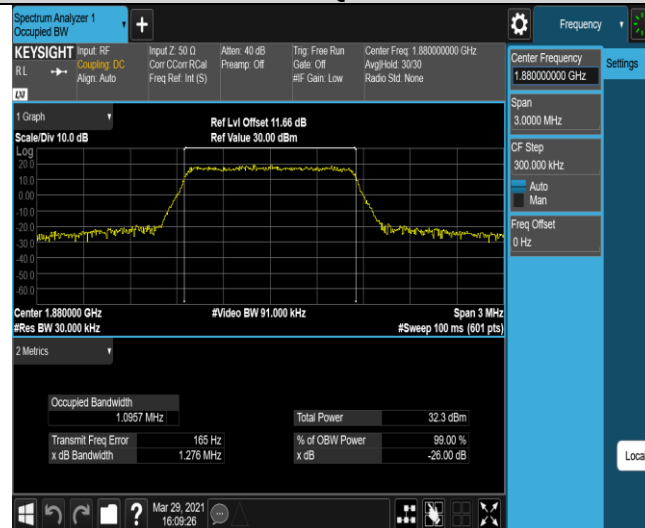
Test plot as follows:



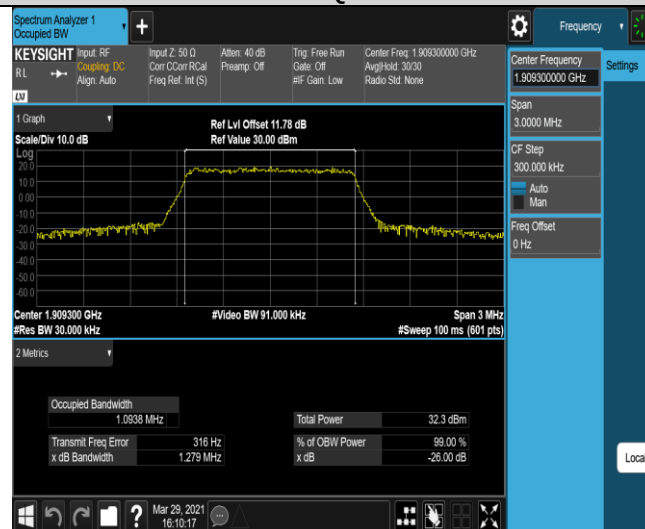
Band2-1.4MHz-16QAM-18607-6RB#0



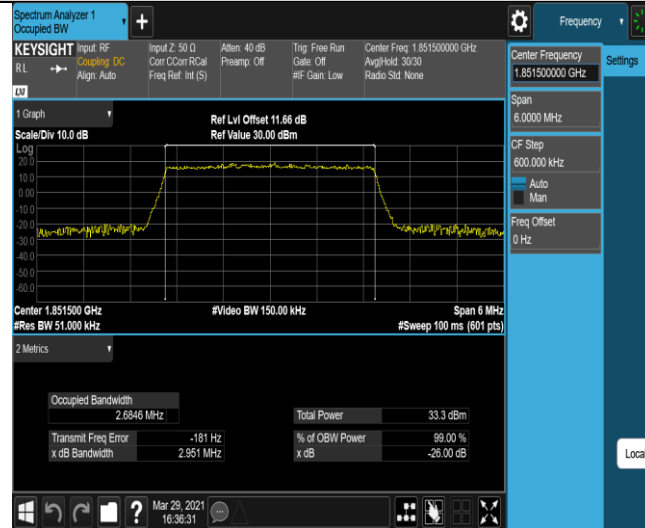
Band2-1.4MHz-16QAM-18900-6RB#0



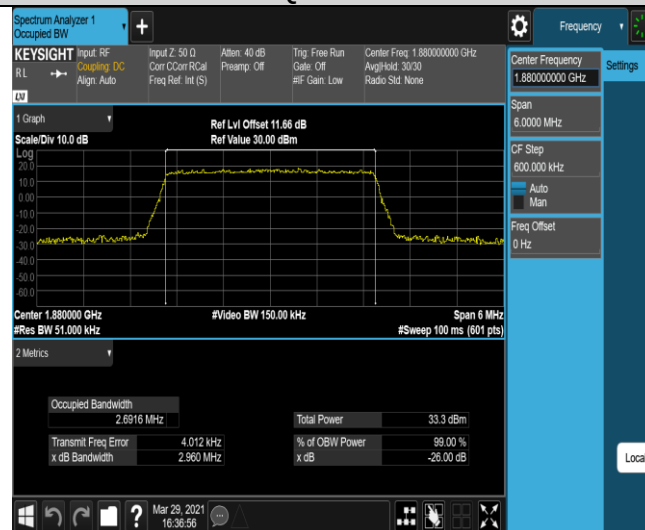
Band2-1.4MHz-16QAM-19193-6RB#0



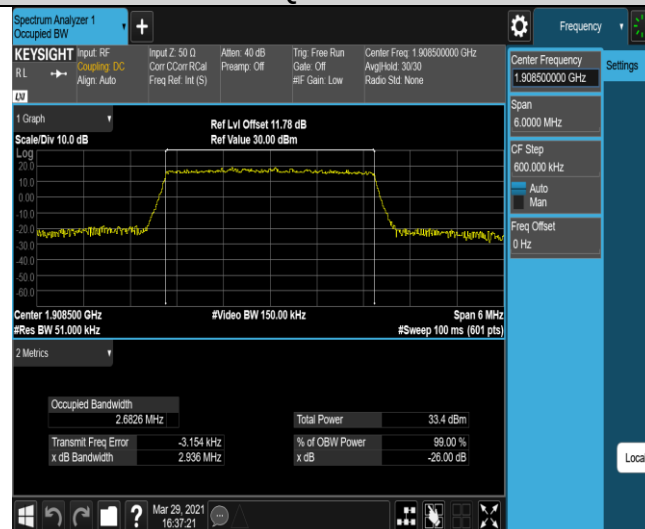
Band2-3MHz-QPSK-18615-15RB#0



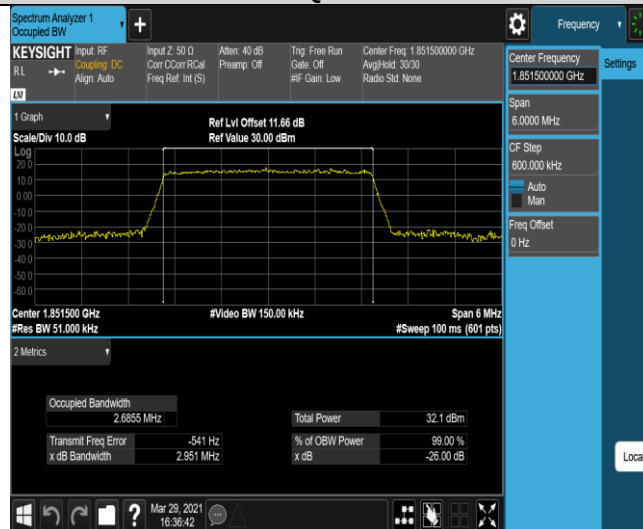
Band2-3MHz-QPSK-18900-15RB#0



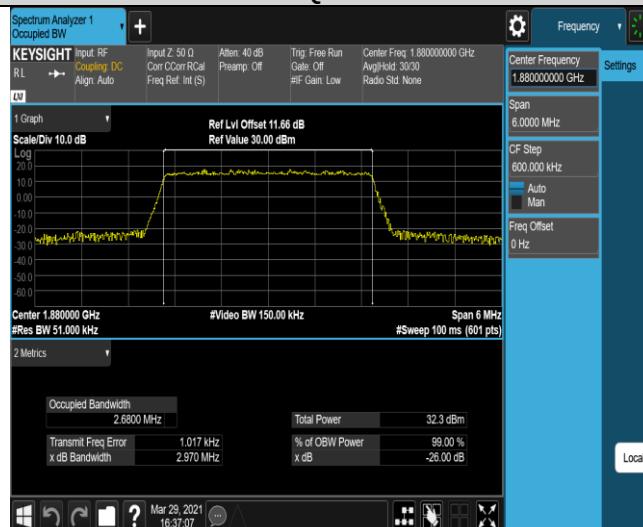
Band2-3MHz-QPSK-19185-15RB#0



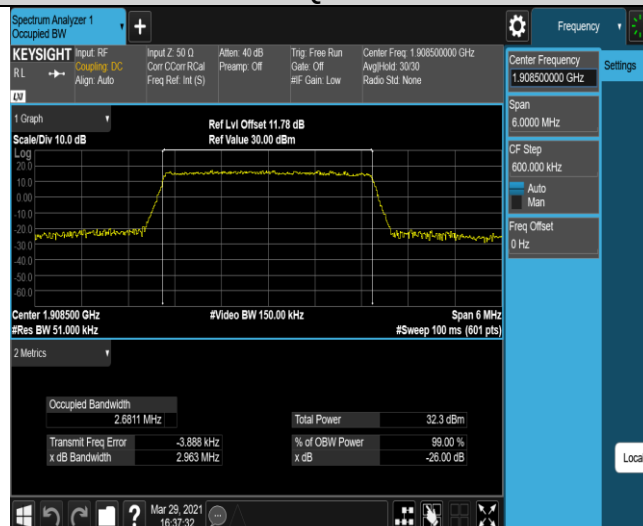
Band2-3MHz-16QAM-18615-15RB#0



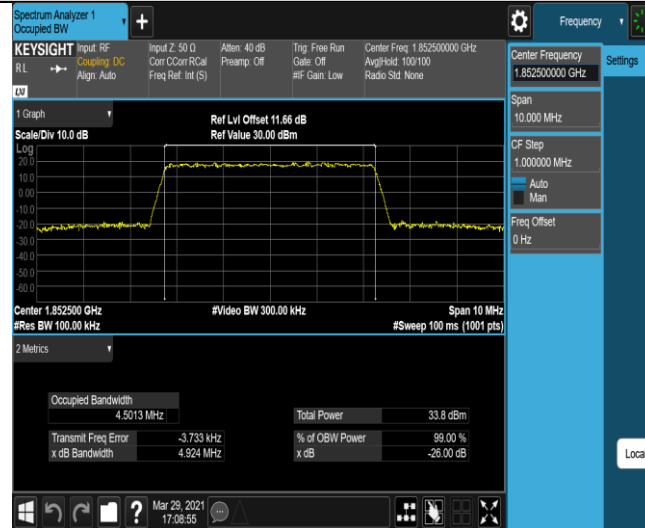
Band2-3MHz-16QAM-18900-15RB#0



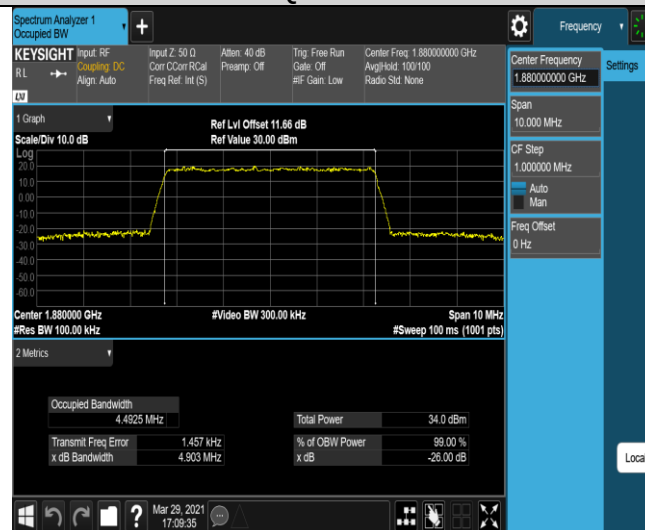
Band2-3MHz-16QAM-19185-15RB#0



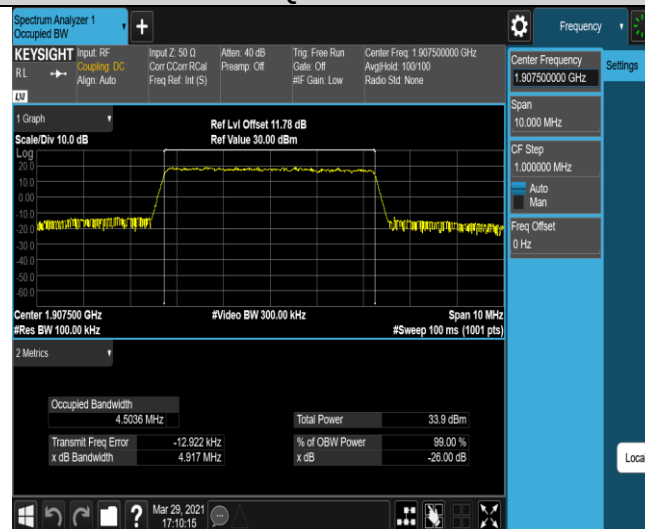
Band2-5MHz-QPSK-18625-25RB#0



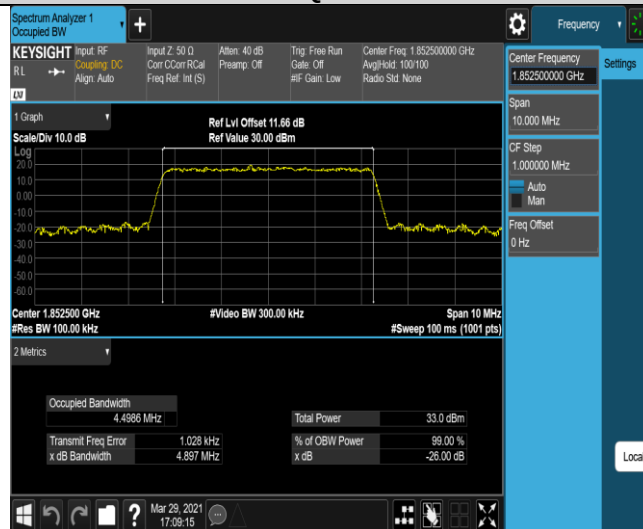
Band2-5MHz-QPSK-18900-25RB#0



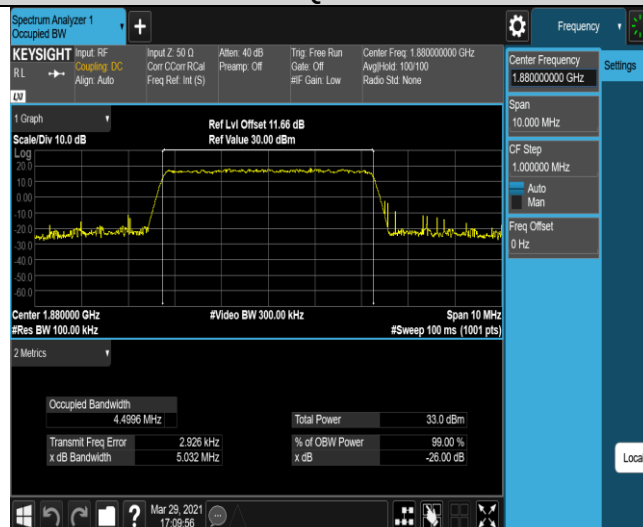
Band2-5MHz-QPSK-19175-25RB#0



Band2-5MHz-16QAM-18625-25RB#0



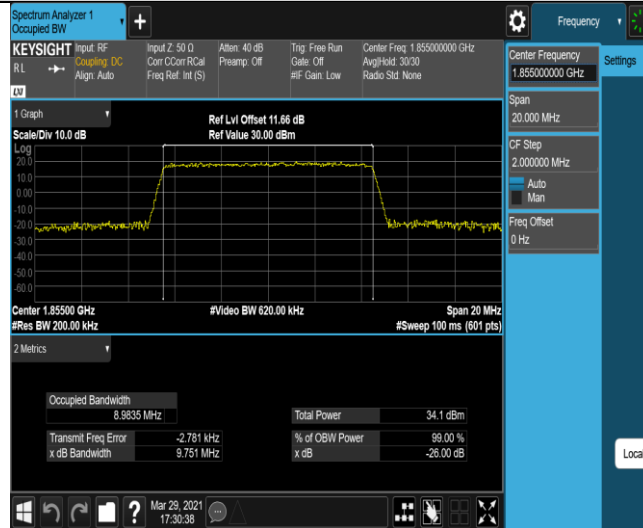
Band2-5MHz-16QAM-18900-25RB#0



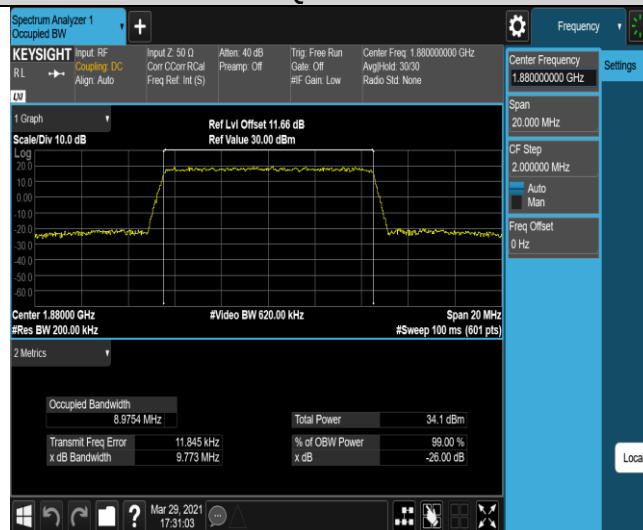
Band2-5MHz-16QAM-19175-25RB#0



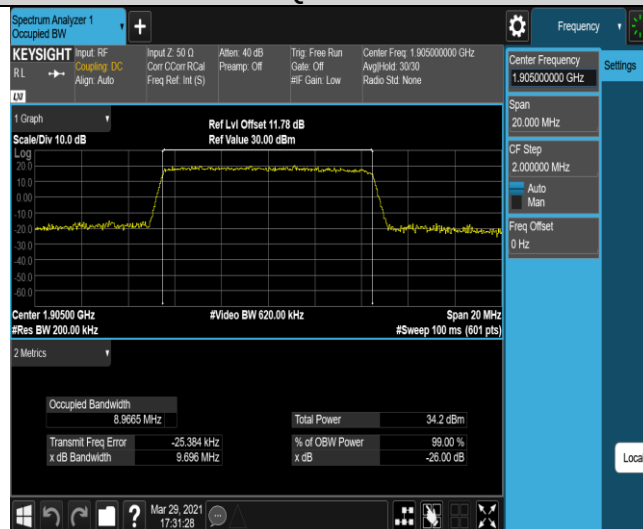
Band2-10MHz-QPSK-18650-50RB#0



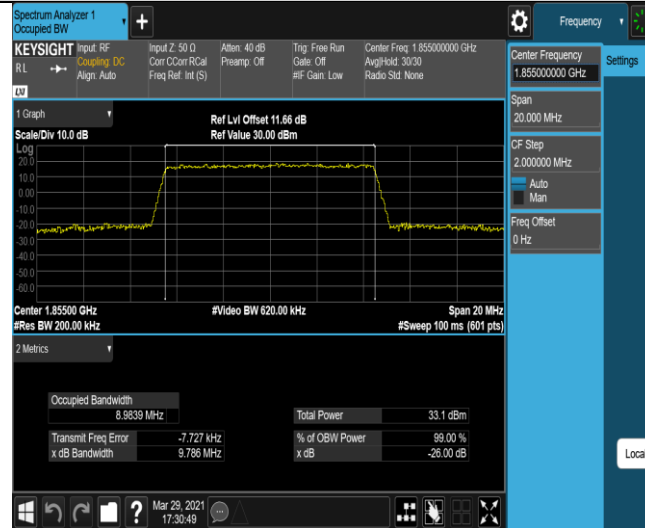
Band2-10MHz-QPSK-18900-50RB#0



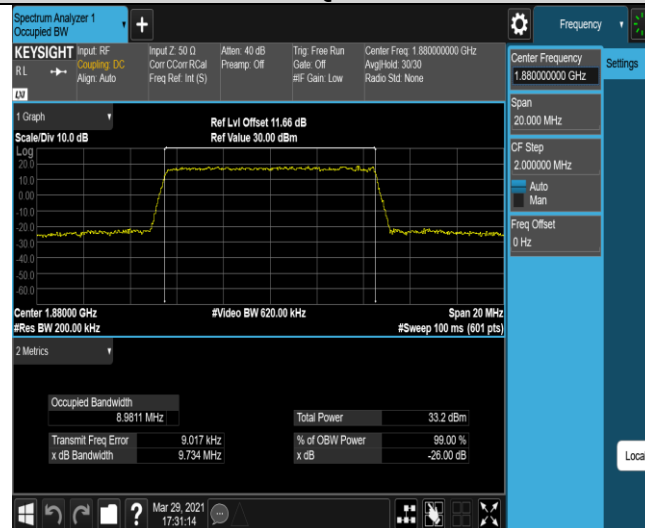
Band2-10MHz-QPSK-19150-50RB#0



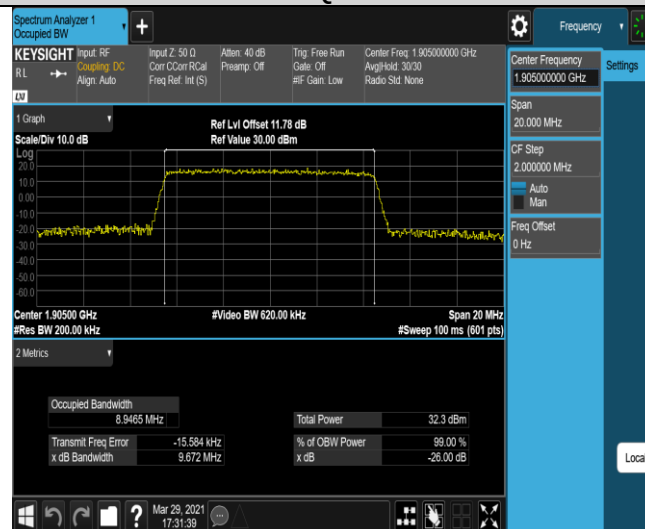
Band2-10MHz-16QAM-18650-50RB#0



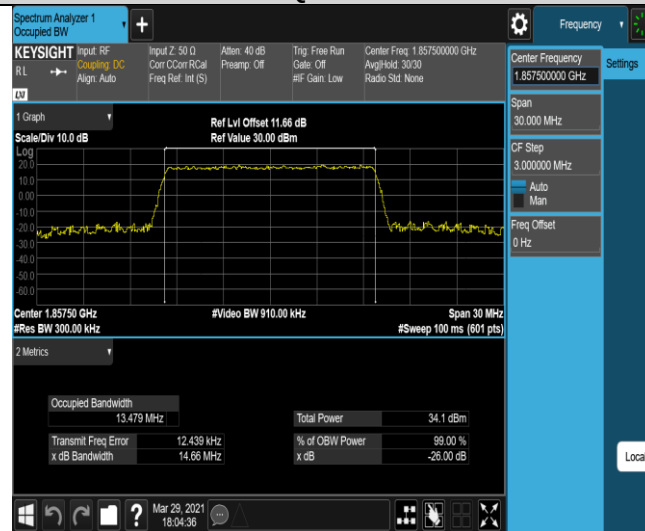
Band2-10MHz-16QAM-18900-50RB#0



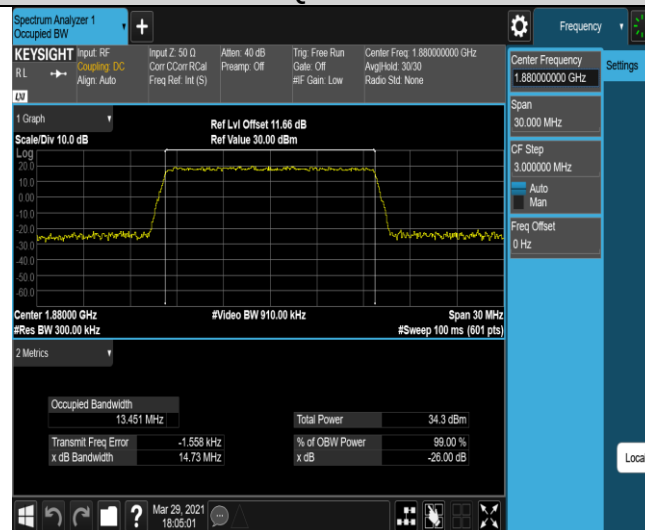
Band2-10MHz-16QAM-19150-50RB#0



Band2-15MHz-QPSK-18675-75RB#0



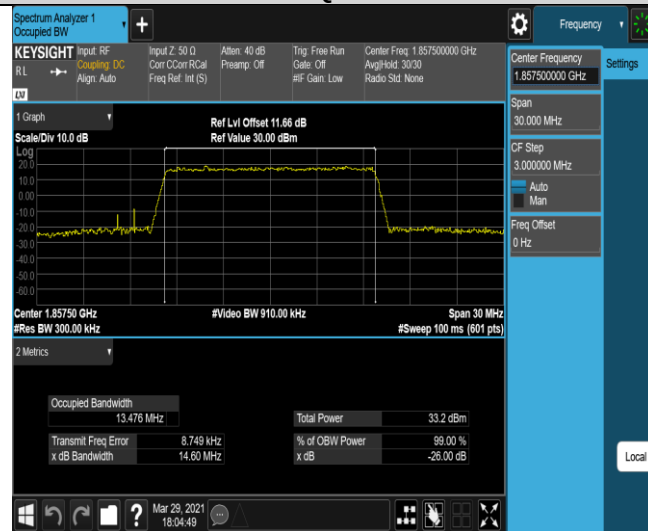
Band2-15MHz-QPSK-18900-75RB#0



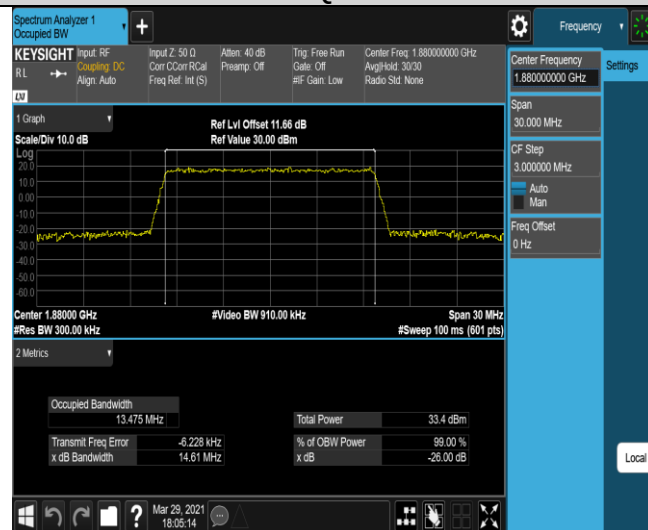
Band2-15MHz-QPSK-19125-75RB#0



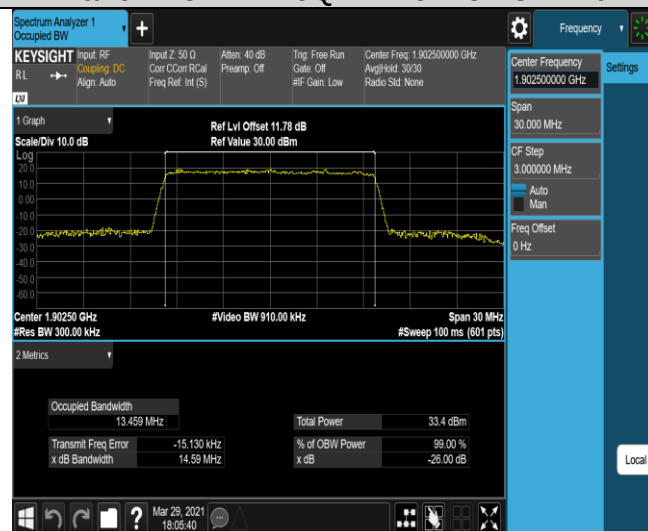
Band2-15MHz-16QAM-18675-75RB#0



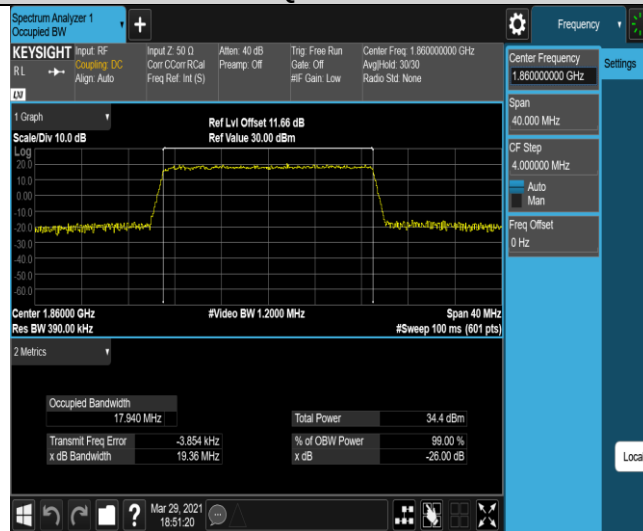
Band2-15MHz-16QAM-18900-75RB#0



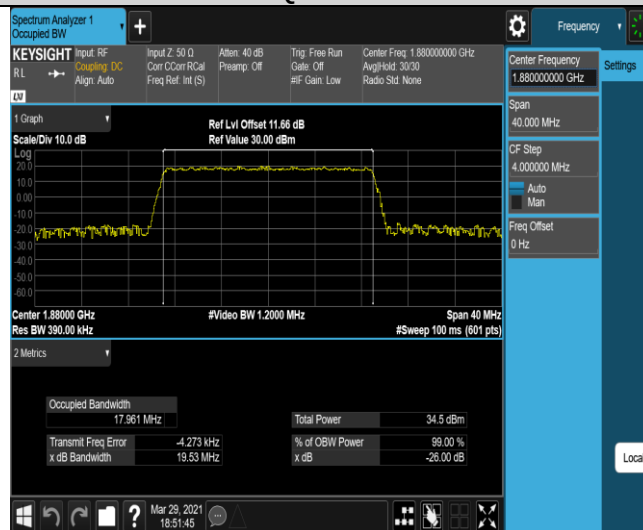
Band2-15MHz-16QAM-19125-75RB#0



Band2-20MHz-QPSK-18700-100RB#0



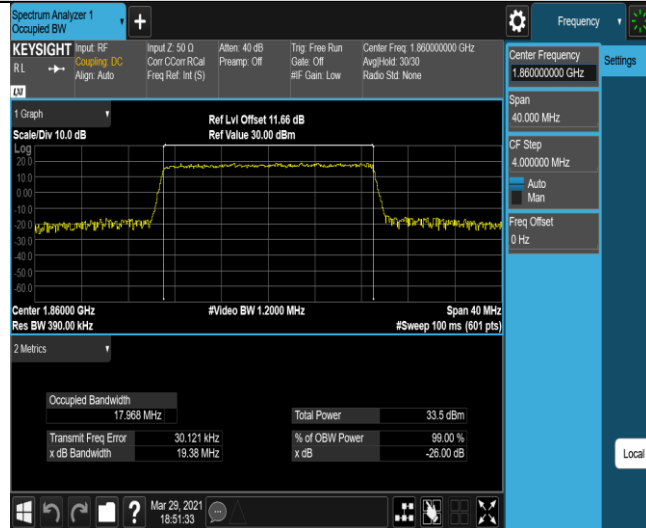
Band2-20MHz-QPSK-18900-100RB#0



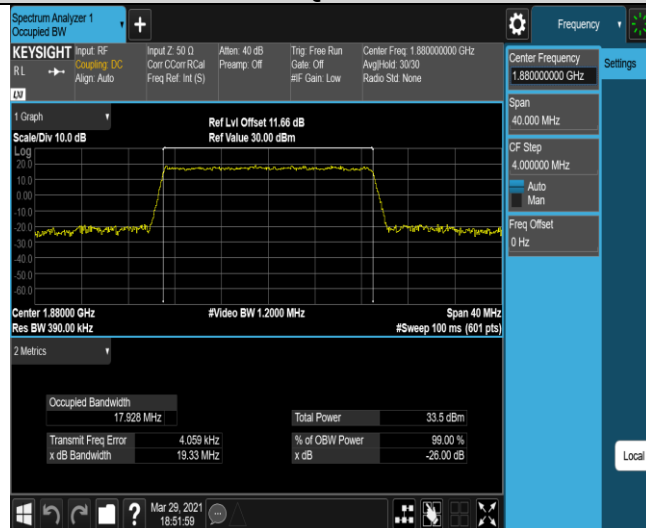
Band2-20MHz-QPSK-19100-100RB#0



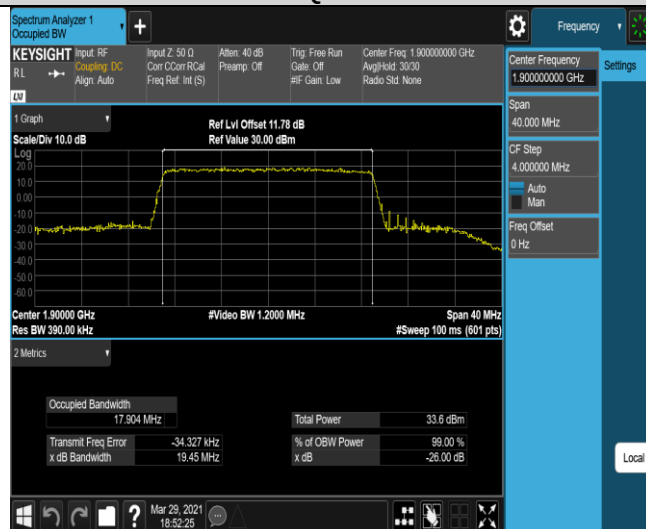
Band2-20MHz-16QAM-18700-100RB#0



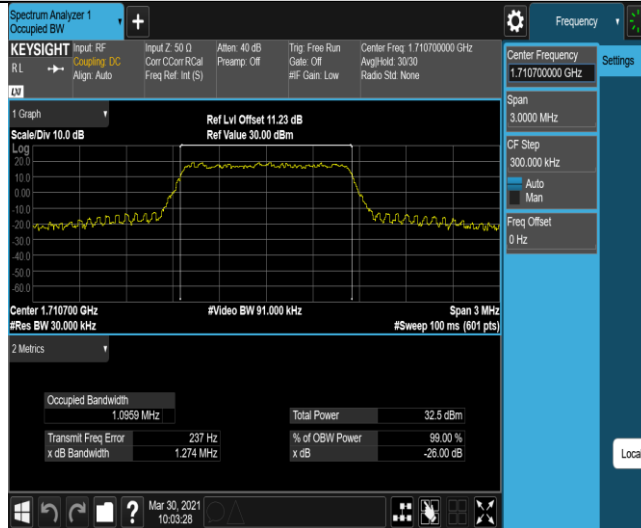
Band2-20MHz-16QAM-18900-100RB#0



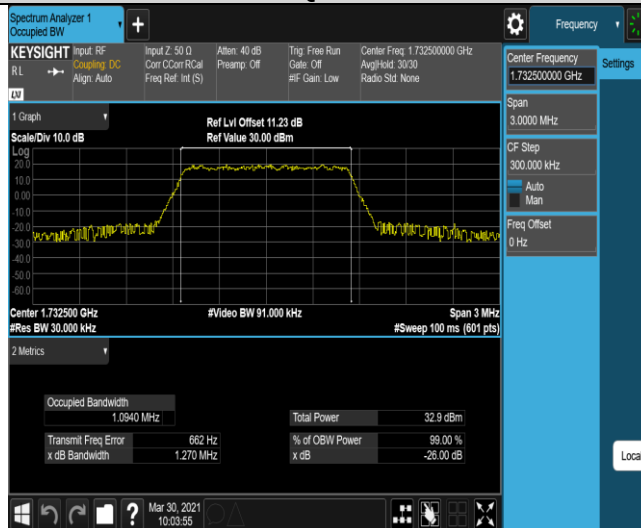
Band2-20MHz-16QAM-19100-100RB#0



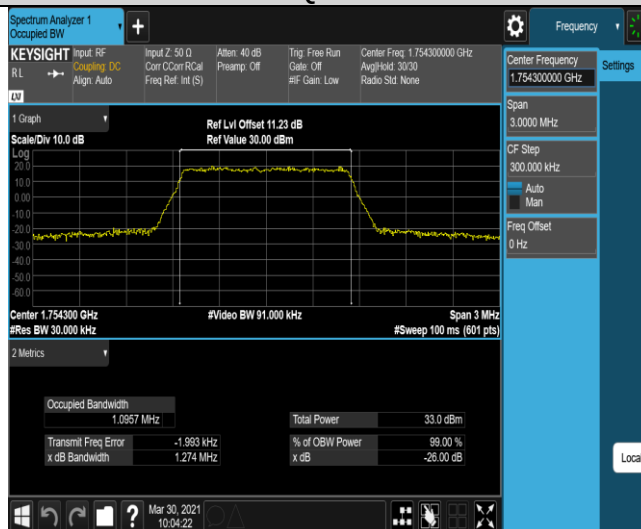
Band4-1.4MHz-QPSK-19957-6RB#0



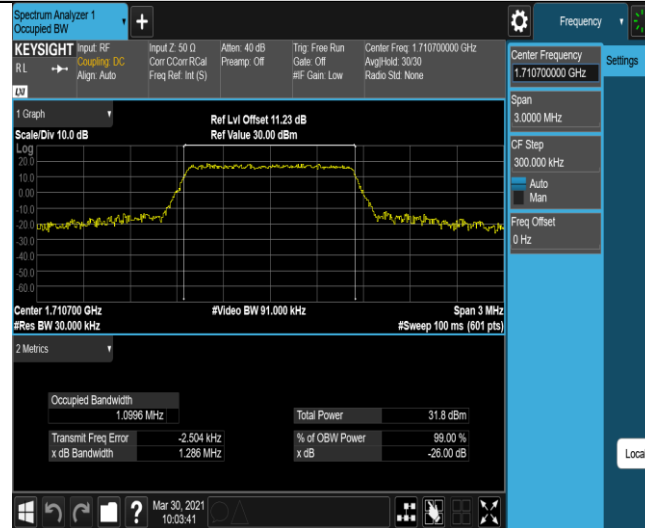
Band4-1.4MHz-QPSK-20175-6RB#0



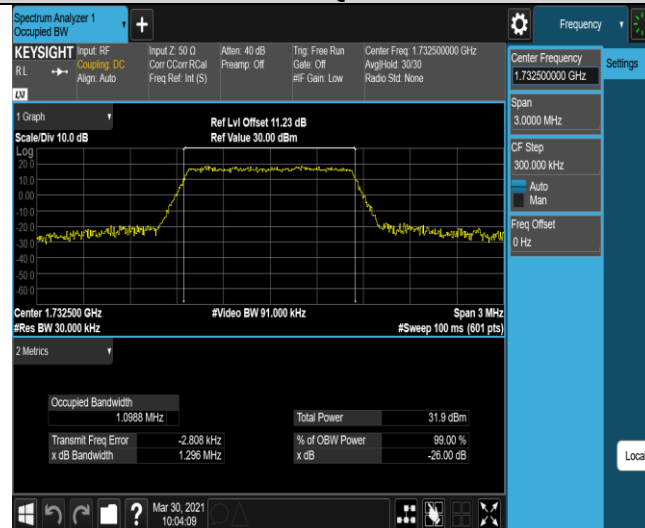
Band4-1.4MHz-QPSK-20393-6RB#0



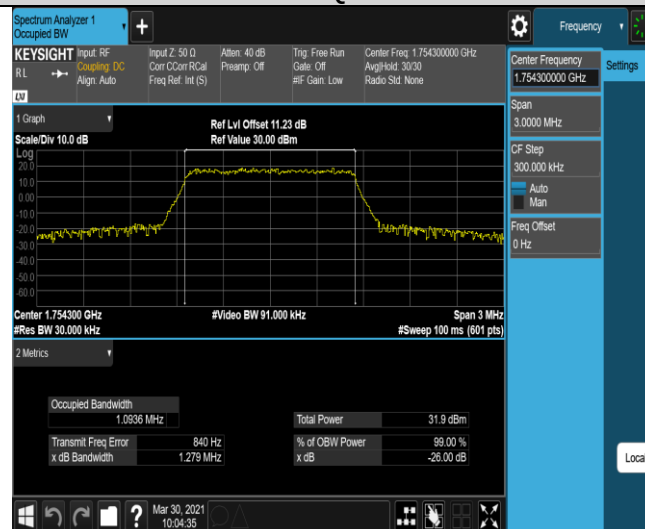
Band4-1.4MHz-16QAM-19957-6RB#0



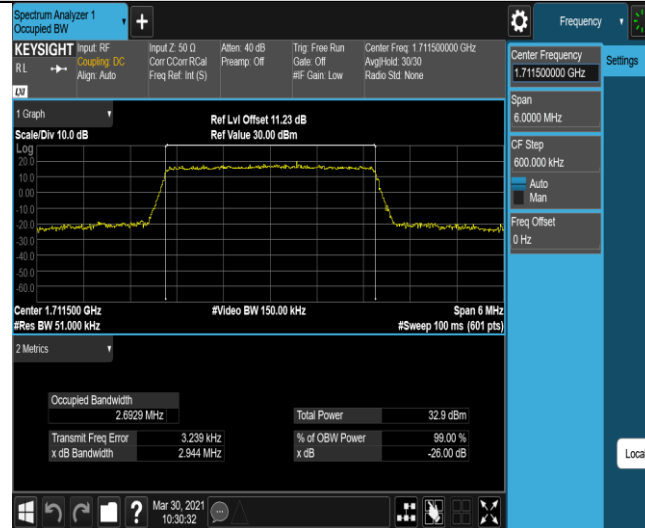
Band4-1.4MHz-16QAM-20175-6RB#0



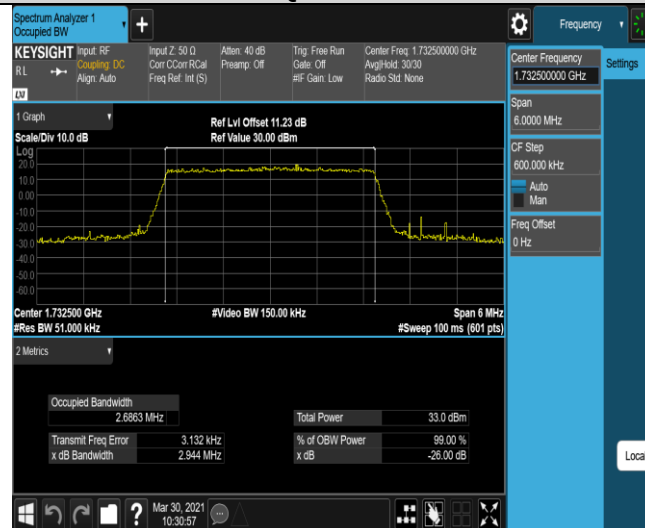
Band4-1.4MHz-16QAM-20393-6RB#0



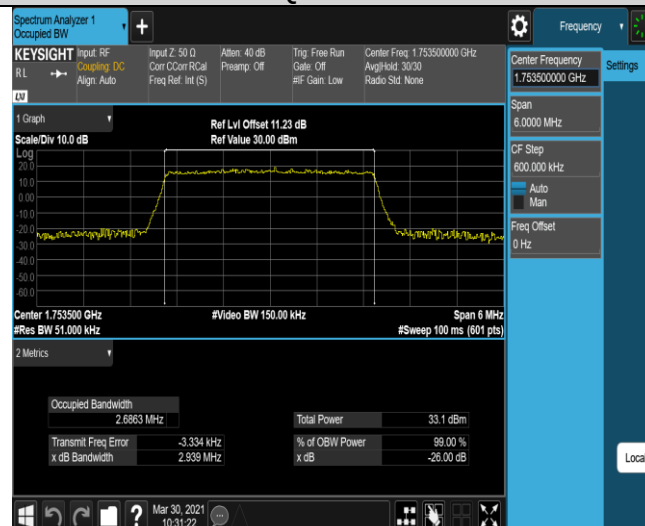
Band4-3MHz-QPSK-19965-15RB#0



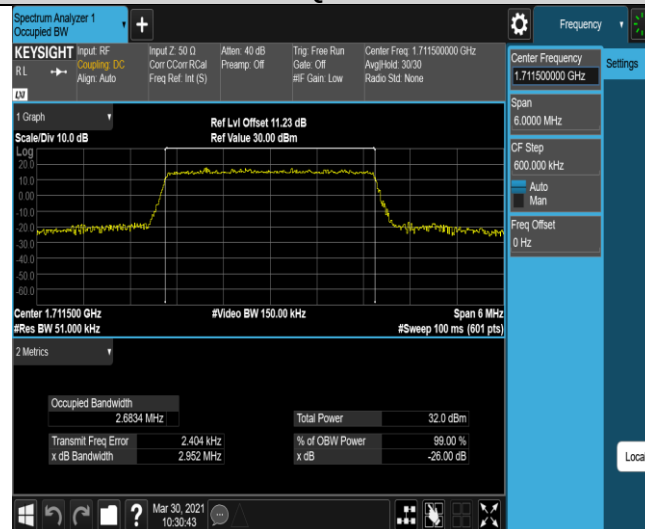
Band4-3MHz-QPSK-20175-15RB#0



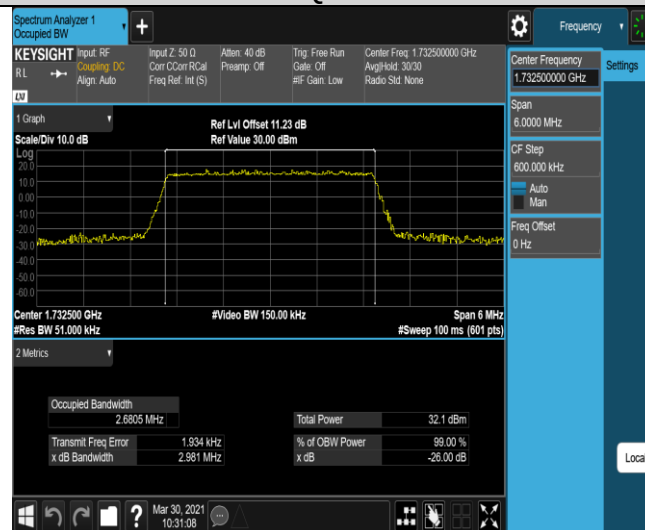
Band4-3MHz-QPSK-20385-15RB#0



Band4-3MHz-16QAM-19965-15RB#0



Band4-3MHz-16QAM-20175-15RB#0



Band4-3MHz-16QAM-20385-15RB#0

