

FCC REPORT (LTE)

Applicant: Sun Cupid Technology (HK) Ltd.

Address of Applicant: 16/F, CEO Tower, 77 Wing Hong Street, Cheung Sha Wan, Kowloon, Hong Kong.

Equipment Under Test (EUT)

Product Name: Tablet PC

Model No.: T0801L, Tab 8, NUU Tab 8

Trade mark: NUU

FCC ID: 2ADINT0801L

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 N
FCC CFR Title 47 Part 27 Subpart H

Date of sample receipt: 24 Mar., 2021

Date of Test: 25 Mar., to 20 Apr., 2021

Date of report issued: 21 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	21 Apr., 2021	Original

Tested by: YT Yang **Date:** 21 Apr., 2021
Test Engineer

Reviewed by: Winner Zhang **Date:** 21 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 2.1046 Part 22.913 (a)(5) Part 24.232 (c) Part 27.50 (c)(10) Part 27.50 (d)(4)	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(g) Part 27.53(h)	Pass
Out of band emission at antenna terminals	Part 2.1053 Part 22.917(a) Part 24.238 (a) Part 27.53 (g) Part 27.53 (h)	Pass
Field strength of spurious radiation	Part 22.917(a) Part 24.238 (a) Part 27.53 (g) Part 27.53 (h)	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:	Sun Cupid Technology (HK) Ltd.
Address:	16/F, CEO Tower, 77 Wing Hong Street, Cheung Sha Wan, Kowloon, Hong Kong.
Manufacturer:	Sun Cupid Technology (HK) Ltd.
Address:	16/F, CEO Tower, 77 Wing Hong Street, Cheung Sha Wan, Kowloon, Hong Kong.
Factory:	Suncupid (ShenZhen) Electronic Ltd
Address:	Baolong Industrial City, Longgang District, Shenzhen Hi-Tech Road, Building 1, A 7, China.

5.2 General Description of E.U.T.

Product Name:	Tablet PC		
Model No.:	T0801L, Tab 8, NUU Tab 8		
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 12:	TX: 699MHz-716MHz	RX: 729MHz-746MHz
	LTE Band 66:	TX: 1710MHz-1780MHz	RX: 2110MHz-2200MHz
	LTE Band 71:	TX: 663MHz-698MHz	RX: 617MHz-652MHz
Modulation type:	<input checked="" type="checkbox"/> QPSK	<input checked="" type="checkbox"/> 16QAM	<input checked="" type="checkbox"/> 64QAM
Antenna type:	Internal Antenna		
Antenna gain:	LTE Band 2:	1.30 dBi(declare by Applicant)	
	LTE Band 4:	1.02 dBi(declare by Applicant)	
	LTE Band 5:	-1.12 dBi(declare by Applicant)	
	LTE Band 12:	-0.67 dBi(declare by Applicant)	
	LTE Band 66:	1.02 dBi(declare by Applicant)	
	LTE Band 71:	-1.96 dBi(declare by Applicant)	
Power supply:	Rechargeable Li-ion Battery DC3.7V, 4000mAh		
AC adapter:	Model: JK050200-S86USU Input: AC100-240V, 50/60Hz, 0.5A Output: DC 5.0V --- 2.0A		
Remark:	Model No.: T0801L, Tab 8, NUU Tab 8 were identical inside, the electrical circuit design, layout, components used and internal wiring, with only difference being model and trademark name.		
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 12 (1.4MHz)		LTE Band 12 (3MHz)	
Channel	Frequency (MHz)	Channel	Frequency (MHz)
23017	699.70	23025	700.50
23756	699.80	23026	700.60
....
23094	707.40	23094	707.40
23095	707.50	23095	707.50
23096	707.60	23096	707.60
...
23172	715.20	23164	714.40
23173	715.30	23165	714.50
LTE Band 12 (5MHz)		LTE Band 12 (10MHz)	
Channel	Frequency (MHz)	Channel	Frequency (MHz)
23035	701.50	23060	704.00
23036	701.60	23061	704.10
....
23094	707.40	23094	707.40
23095	707.50	23095	707.50
23096	707.60	23096	707.60
...
23154	713.40	23129	710.90
23155	713.50	23130	711.00

LTE Band 66 (1.4MHz)		LTE Band 66 (3MHz)	
Channel	Frequency (MHz)	Channel	Frequency (MHz)
131979	1710.70	131987	1711.50
131980	1710.80	131988	1711.60
....
132321	1744.90	132321	1744.90
132322	1745.00	132322	1745.00
132323	1745.10	132323	1745.10
...
132664	1779.20	132656	1778.40
132665	1779.30	132657	1778.50
LTE Band 66 (5MHz)		LTE Band 66 (10MHz)	
Channel	Frequency (MHz)	Channel	Frequency (MHz)
131997	1712.50	132022	1715.00
131998	1712.60	132023	1715.10
....
132321	1744.90	132321	1744.90
132322	1745.00	132322	1745.00
132323	1745.10	132323	1745.10
...
136246	1777.40	132621	1774.90
136247	1777.50	132622	1775.00
LTE Band 66 (15MHz)		LTE Band 66 (20MHz)	
Channel	Frequency (MHz)	Channel	Frequency (MHz)
132047	1717.50	132072	1720.00
132048	1717.60	132073	1720.10
....
132321	1744.90	132321	1744.90
132322	1745.00	132322	1745.00
132323	1745.10	132323	1745.10
...
132596	1772.40	132571	1769.90
132597	1772.50	132572	1770.00

LTE Band 71 (5MHz)		LTE Band 71 (10MHz)	
Channel	Frequency (MHz)	Channel	Frequency (MHz)
133147	665.50	133172	668.00
133148	665.60	133173	668.10
....
133296	680.40	133296	680.40
133297	680.50	133297	680.50
133298	680.60	133298	680.60
...
133446	695.40	133421	692.90
133447	695.50	133422	693.00
LTE Band 71 (15MHz)		LTE Band 71 (20MHz)	
Channel	Frequency (MHz)	Channel	Frequency (MHz)
133197	670.50	133222	673.00
133198	670.60	133223	673.10
....
133296	680.40	133321	682.90
133297	680.50	133322	683.00
133298	680.60	133323	683.10
...
133396	690.40	133371	687.90
133397	690.50	133372	688.00

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 12(1.4MHz)			LTE Band 12(3MHz)		
Channel	Frequency (MHz)		Channel	Frequency (MHz)	
Lowest channel	23017	699.70	Lowest channel	23025	700.50
Middle channel	23095	707.50	Middle channel	23095	707.50
Highest channel	23173	715.30	Highest channel	23165	714.50
LTE Band 12(5MHz)			LTE Band 12(10MHz)		
Channel	Frequency (MHz)		Channel	Frequency (MHz)	
Lowest channel	23035	701.50	Lowest channel	23060	704.00
Middle channel	23095	707.50	Middle channel	23095	707.50
Highest channel	23155	713.50	Highest channel	23130	711.00

LTE Band 66 (1.4MHz)			LTE Band 66 (3MHz)		
Channel	Frequency (MHz)		Channel	Frequency (MHz)	
Lowest channel	131979	1710.7	Lowest channel	131987	1711.5
Middle channel	132322	1745.0	Middle channel	132322	1745.0
Highest channel	132665	1779.3	Highest channel	132657	1778.5
LTE Band 66 (5MHz)			LTE Band 66 (10MHz)		
Channel	Frequency (MHz)		Channel	Frequency (MHz)	
Lowest channel	131997	1712.5	Lowest channel	132022	1715.0
Middle channel	132322	1745.5	Middle channel	132322	1745.0
Highest channel	132647	1777.5	Highest channel	132622	1775.0
LTE Band 66 (15MHz)			LTE Band 66 (20MHz)		
Channel	Frequency (MHz)		Channel	Frequency (MHz)	
Lowest channel	132047	1717.5	Lowest channel	132072	1720.0
Middle channel	132322	1745.0	Middle channel	132322	1745.0
Highest channel	132597	1772.5	Highest channel	132572	1770.0

LTE Band 71 (5MHz)			LTE Band 71 (10MHz)		
Channel	Frequency (MHz)		Channel	Frequency (MHz)	
Lowest channel	133147	665.5	Lowest channel	133172	668.0
Middle channel	133297	680.5	Middle channel	133297	680.5
Highest channel	133447	695.5	Highest channel	133422	693.0
LTE Band 71 (15MHz)			LTE Band 71 (20MHz)		
Channel	Frequency (MHz)		Channel	Frequency (MHz)	
Lowest channel	133197	670.5	Lowest channel	133222	673.0
Middle channel	133297	680.5	Middle channel	133322	683.0
Highest channel	133397	690.5	Highest channel	133372	688.0

5.3 Test environment and mode, and test samples plans

Operating Environment:	
Temperature:	Normal: 15°C ~ 35°C, Extreme: -30°C ~ +50°C
Humidity:	20 % ~ 75 % RH
Atmospheric Pressure:	1008 mbar
Voltage:	Nominal: 3.7Vdc, Extreme: Low 3.5Vdc, High 4.2Vdc
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.	
Test Samples Plans:	
Samples Number	Used for Test Items
1#	Conducted measurements test method
2#	Radiated measurements test method
3#	EUT constructional details
<i>Remark: JianYan Testing Group Shenzhen Co., Ltd. is only responsible for the test project data of the above samples, and will keep the above samples for a month.</i>	

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

<p>The test facility is recognized, certified, or accredited by the following organizations:</p> <ul style="list-style-type: none"> ● 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
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5.9 Laboratory Location

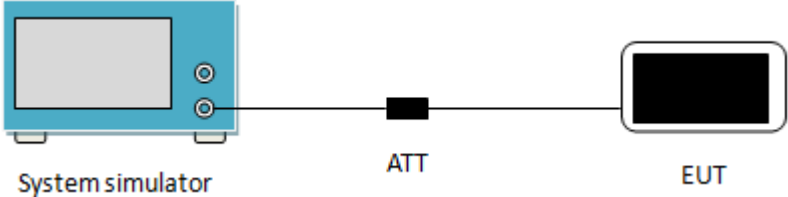
JianYan Testing Group Shenzhen Co., Ltd.
 Address: No.101, Building 8, Innovation Wisdom Port, No.155 Hongtian Road, Huangpu Community, Xinqiao Street, Bao'an District, Shenzhen, Guangdong, People's Republic of China.
 Tel: +86-755-23118282, Fax: +86-755-23116366
 Email: info@ccis-cb.com, Website: <http://www.ccis-cb.com>

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	Agilent	N9020A	MY50510123	11-18-2020	11-17-2021
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(c)(10), Part 27.50(d)(4)
Limit:	LTE Band 2: 2W, LTE Band 4: 1W, LTE Band 5: 7W, LTE Band 12: 3W, LTE Band 66: 1W, LTE Band 71: 1W
Test Setup:	 <p>The diagram illustrates the test setup. On the left is a blue 'System simulator' with a screen and two ports. A line connects it to a black 'ATT' (attenuator) block. Another line connects the 'ATT' to a black 'EUT' (Equipment Under Test) device.</p>
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	23.66	23.81	23.86		
			1	2	23.61	23.87	23.93		
			1	5	23.71	23.74	23.76		
			3	0	22.58	22.85	22.92		
			3	1	22.58	22.83	22.93		
			3	2	22.62	22.84	22.86		
			6	0	22.42	22.67	22.8		
		Antenna Gain (dBi):					1.30		
		Max. EIRP (dBm):					25.23		
		EIRP Limit (dBm):					33.00		
		16QAM	1	0	22.58	22.7	22.75		
			1	2	22.55	22.78	22.82		
			1	5	22.49	22.72	22.66		
			3	0	21.4	21.67	21.76		
			3	1	21.41	21.66	21.69		
			3	2	21.41	21.64	21.7		
			6	0	21.28	21.55	21.63		
		Antenna Gain (dBi):					1.30		
Max. EIRP (dBm):					24.12				
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	23.56	23.77	23.92		
			1	7	23.69	23.77	23.96		
			1	14	23.66	23.79	23.88		
			8	0	22.51	22.76	22.88		
			8	4	22.51	22.77	22.9		
			8	7	22.55	22.78	22.84		
			15	0	22.45	22.7	22.69		
		Antenna Gain (dBi):					1.30		
		Max. EIRP (dBm):					25.26		
		EIRP Limit (dBm):					33.00		
		16QAM	1	0	22.42	22.74	22.77		
			1	7	22.46	22.76	22.75		
			1	14	22.5	22.75	22.61		
			8	0	21.49	21.75	21.87		
			8	4	21.48	21.72	21.89		
			8	7	21.52	21.74	21.82		
			15	0	21.33	21.62	21.7		
		Antenna Gain (dBi):					1.30		
Max. EIRP (dBm):					24.07				
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	23.49	23.66	23.93		
			1	12	23.7	23.83	23.95		
			1	24	23.6	23.73	23.78		
			12	0	22.56	22.77	22.92		
			12	6	22.58	22.79	22.85		
			12	11	22.56	22.8	22.89		
			25	0	22.42	22.65	22.7		
		Antenna Gain (dBi):					1.30		
		Max. EIRP (dBm):					25.25		
		EIRP Limit (dBm):					33.00		
		16QAM	1	0	22.39	22.71	22.75		
			1	12	22.68	22.87	22.82		
			1	24	22.61	22.75	22.67		
			12	0	21.57	21.78	21.91		
			12	6	21.57	21.82	21.91		
			12	11	21.56	21.83	21.9		
			25	0	21.45	21.66	21.75		
		Antenna Gain (dBi):					1.30		
		Max. EIRP (dBm):					24.17		
		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	23.54	23.8	24.08		
			1	24	23.74	23.87	24		
			1	49	23.74	23.87	23.87		
			25	0	22.74	22.82	23.06		
			25	12	22.72	22.79	23.06		
			25	24	22.75	22.84	23.04		
			50	0	22.56	22.6	22.95		
		Antenna Gain (dBi):					1.30		
		Max. EIRP (dBm):					25.38		
		EIRP Limit (dBm):					33.00		
		16QAM	1	0	22.57	22.63	22.84		
			1	24	22.86	22.79	22.72		
			1	49	22.79	22.71	22.65		
			25	0	21.69	21.79	22.09		
			25	12	21.71	21.78	22.09		
			25	24	21.72	21.82	22.05		
			50	0	21.6	21.73	21.94		
		Antenna Gain (dBi):					1.30		
		Max. EIRP (dBm):					24.16		
		EIRP Limit (dBm):					33.00		
<i>Note: EIRP (dBm) = Average power (dBm) + Antenna Gain (dBi).</i>									

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	23.47	23.6	24.04		
			1	37	23.79	23.76	24.07		
			1	74	23.7	23.76	23.75		
			36	0	22.64	22.75	23.13		
			36	16	22.69	22.8	23.12		
			36	35	22.72	22.77	23.11		
			75	0	22.54	22.48	22.92		
		Antenna Gain (dBi):					1.30		
		Max. EIRP (dBm):					25.37		
		EIRP Limit (dBm):					33.00		
		16QAM	1	0	22.49	22.64	22.75		
			1	37	22.79	22.88	22.8		
			1	74	22.72	22.88	22.56		
			36	0	21.67	21.81	22.08		
			36	16	21.68	21.82	22.07		
			36	35	21.69	21.79	22.02		
			75	0	21.57	21.6	21.89		
		Antenna Gain (dBi):					1.30		
		Max. EIRP (dBm):					24.18		
		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	23.38	23.48	23.77		
			1	49	23.95	23.83	24.23		
			1	99	23.59	23.74	23.6		
			50	0	22.79	22.64	23.18		
			50	24	22.81	22.66	23.17		
			50	49	22.78	22.65	23.2		
			100	0	22.59	22.49	22.93		
		Antenna Gain (dBi):					1.30		
		Max. EIRP (dBm):					25.53		
		EIRP Limit (dBm):					33.00		
		16QAM	1	0	22.22	22.57	22.55		
			1	49	22.84	22.95	23		
			1	99	22.45	22.82	22.45		
			50	0	21.81	21.62	22.23		
			50	24	21.82	21.63	22.2		
			50	49	21.82	21.63	22.23		
			100	0	21.52	21.48	22.09		
		Antenna Gain (dBi):					1.30		
		Max. EIRP (dBm):					24.30		
		EIRP Limit (dBm):					33.00		
		<i>Note: EIRP (dBm) = Average power (dBm) + Antenna Gain (dBi).</i>							

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	23.34	23.47	23.06		
			1	2	23.54	23.44	23.59		
			1	5	23.35	23.1	23.41		
			3	0	22.47	22.36	22.49		
			3	1	22.46	22.24	22.47		
			3	2	22.46	22.45	22.41		
			6	0	22.35	22.03	22.27		
		Antenna Gain (dBi):					1.02		
		Max. EIRP (dBm):					24.61		
		EIRP Limit (dBm):					30.00		
		16QAM	1	0	22.19	22.2	22.09		
			1	2	22.35	22.39	22.42		
			1	5	22.2	22.12	22.22		
			3	0	21.42	21.32	21.26		
			3	1	21.33	21.31	21.25		
			3	2	21.4	21.33	21.27		
			6	0	21.22	21.08	21.1		
		Antenna Gain (dBi):					1.02		
		Max. EIRP (dBm):					23.44		
		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	23.4	23.66	23.55		
			1	7	23.47	23.39	23.33		
			1	14	23.42	23.47	23.47		
			8	0	22.51	22.36	22.43		
			8	4	22.47	22.45	22.41		
			8	7	22.43	22.24	22.38		
			15	0	22.3	21.94	22.37		
		Antenna Gain (dBi):					1.02		
		Max. EIRP (dBm):					24.68		
		EIRP Limit (dBm):					30.00		
		16QAM	1	0	22.2	22.47	21.91		
			1	7	22.15	22.21	21.96		
			1	14	22.18	22.14	22.14		
			8	0	21.42	21.09	21.35		
			8	4	21.46	21.17	21.35		
			8	7	21.45	21.04	21.33		
			15	0	21.32	20.93	21.28		
		Antenna Gain (dBi):					1.02		
		Max. EIRP (dBm):					23.49		
		EIRP Limit (dBm):					30.00		
		<i>Note: EIRP (dBm) = Average power (dBm) + Antenna Gain (dBi).</i>							

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	23.4	23.46	23.08		
			1	12	23.38	23.55	23.17		
			1	24	23	23.11	23.11		
			12	0	21.88	21.89	21.72		
			12	6	21.77	21.89	21.73		
			12	11	21.81	21.89	21.95		
			25	0	21.63	21.42	21.64		
		Antenna Gain (dBi):					1.02		
		Max. EIRP (dBm):					24.57		
		EIRP Limit (dBm):					30.00		
		16QAM	1	0	22.27	22.53	22.22		
			1	12	22.3	22.31	22.36		
			1	24	22.28	22.13	22.35		
			12	0	20.9	20.94	20.83		
			12	6	20.81	20.87	21.02		
			12	11	20.74	20.88	21.14		
			25	0	20.6	20.75	20.72		
		Antenna Gain (dBi):					1.02		
		Max. EIRP (dBm):					23.55		
		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	23.37	23.45	23.22		
			1	24	23.29	23.43	23.23		
			1	49	23.18	23.22	23.2		
			25	0	22.2	21.79	22.04		
			25	12	22.12	21.89	22		
			25	24	21.81	21.9	21.99		
			50	0	21.63	21.72	21.52		
		Antenna Gain (dBi):					1.02		
		Max. EIRP (dBm):					24.47		
		EIRP Limit (dBm):					30.00		
		16QAM	1	0	22.32	22.36	22.14		
			1	24	22.21	22.28	22.29		
			1	49	22.12	22.17	22.3		
			25	0	21.22	21.06	21.04		
			25	12	21.1	21.07	21.03		
			25	24	21.14	21.03	21.06		
			50	0	21.06	20.91	20.94		
		Antenna Gain (dBi):					1.02		
		Max. EIRP (dBm):					23.38		
		EIRP Limit (dBm):					30.00		
		<i>Note: EIRP (dBm) = Average power (dBm) + Antenna Gain (dBi).</i>							

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	23.37	23.1	23.15		
			1	37	23.16	22.73	23.08		
			1	74	23.02	23.13	23.18		
			36	0	22.17	21.99	22.16		
			36	16	22.11	21.97	22.19		
			36	35	22.16	22.01	22.18		
			75	0	22.01	21.85	22.03		
		Antenna Gain (dBi):					1.02		
		Max. EIRP (dBm):					24.39		
		EIRP Limit (dBm):					30.00		
		16QAM	1	0	22.32	21.66	22.23		
			1	37	22.11	21.99	22.16		
			1	74	21.96	22.12	21.81		
			36	0	21.12	21.01	21.21		
			36	16	21.1	21.04	21.21		
			36	35	21.08	21	21.23		
			75	0	20.91	20.82	21.02		
		Antenna Gain (dBi):					1.02		
		Max. EIRP (dBm):					23.34		
		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	23.21	23.56	23.19		
			1	49	23.29	23.27	23.32		
			1	99	23.68	23.17	23.31		
			50	0	22.02	22.16	22.12		
			50	24	22.24	22.21	22.08		
			50	49	22.2	22.21	22.08		
			100	0	22.03	21.98	22.02		
		Antenna Gain (dBi):					1.02		
		Max. EIRP (dBm):					24.70		
		EIRP Limit (dBm):					30.00		
		16QAM	1	0	22.04	22.05	22.19		
			1	49	22.15	22.07	22.32		
			1	99	22.09	22.12	22.29		
			50	0	21.12	21.27	21.11		
			50	24	21.16	21.28	21.13		
			50	49	21.09	21.26	21.08		
			100	0	20.9	21.08	20.84		
		Antenna Gain (dBi):					1.02		
		Max. EIRP (dBm):					23.34		
		EIRP Limit (dBm):					30.00		
		<i>Note: EIRP (dBm) = Average power (dBm) + Antenna Gain (dBi).</i>							

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	24.05	24.02	24.07		
			1	2	24.14	24.14	24.41		
			1	5	24.09	24.02	24.06		
			3	0	23.4	23.57	23.66		
			3	1	23.42	23.59	23.62		
			3	2	23.42	23.58	23.63		
			6	0	22.68	22.58	22.69		
		Antenna Gain(dBi):					-1.12		
		Max. ERP (dBm):					21.14		
		ERP Limit (dBm):					38.45		
		16QAM	1	0	22.83	22.89	22.91		
			1	2	22.95	23.02	22.95		
			1	5	22.93	22.96	23.08		
			3	0	22.24	22.41	22.51		
			3	1	22.22	22.4	22.4		
			3	2	22.22	22.39	22.36		
			6	0	21.72	21.57	21.66		
		Antenna Gain(dBi):					-1.12		
		Max. ERP (dBm):					19.81		
		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	24.07	24.11	24.13		
			1	7	24.01	24.17	24.12		
			1	14	24.02	24.2	24.16		
			8	0	23.1	23.01	23.16		
			8	4	23.02	23.04	23.14		
			8	7	22.95	23.08	23.18		
			15	0	22.51	22.46	22.67		
		Antenna Gain(dBi):					-1.12		
		Max. ERP (dBm):					20.93		
		ERP Limit (dBm):					38.45		
		16QAM	1	0	22.94	22.94	22.81		
			1	7	22.93	22.99	22.84		
			1	14	22.85	23.05	22.89		
			8	0	21.92	21.99	22.12		
			8	4	21.92	21.97	22.09		
			8	7	21.95	22.04	22.06		
			15	0	21.68	21.55	21.6		
		Antenna Gain(dBi):					-1.12		
		Max. ERP (dBm):					19.78		
		ERP Limit (dBm):					38.45		
		<i>Note: EIRP (dBm) = Average power (dBm) + Antenna Gain (dBi).</i> <i>ERP (dBm) = EIRP (dBm) - 2.15 (dB).</i>							

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	23.96	24.06	24.22		
			1	12	24.06	24.13	24.29		
			1	24	24.05	24.08	24.12		
			12	0	22.87	23.13	23.17		
			12	6	22.86	23.12	23.17		
			12	11	22.89	23.12	23.13		
			25	0	22.61	22.76	22.84		
		Antenna Gain(dBi):					-1.12		
		Max. ERP (dBm):					21.02		
		ERP Limit (dBm):					38.45		
		16QAM	1	0	23.14	23.02	23.02		
			1	12	23.01	23.25	23.12		
			1	24	23.1	23.17	23.03		
			12	0	22.09	22.16	22.18		
			12	6	22.02	22.13	22.17		
			12	11	22.07	22.11	22.14		
			25	0	21.8	21.92	22.01		
		Antenna Gain(dBi):					-1.12		
		Max. ERP (dBm):					19.98		
		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	24.09	24.06	24.13		
			1	24	24.07	24.28	24.32		
			1	49	24	24.27	24.22		
			25	0	23.01	23.24	23.12		
			25	12	23.09	23.22	23.17		
			25	24	23.11	23.23	23.07		
			50	0	22.81	23.03	22.91		
		Antenna Gain(dBi):					-1.12		
		Max. ERP (dBm):					21.05		
		ERP Limit (dBm):					38.45		
		16QAM	1	0	23.04	23.01	23.1		
			1	24	23	23.13	23.05		
			1	49	23.01	23.08	23.17		
			25	0	22.01	22.21	22.15		
			25	12	22.02	22.23	22.15		
			25	24	21.99	22.25	22.08		
			50	0	21.89	21.96	21.99		
		Antenna Gain(dBi):					-1.12		
		Max. ERP (dBm):					19.90		
		ERP Limit (dBm):					38.45		
		<i>Note: EIRP (dBm) = Average power (dBm) + Antenna Gain (dBi).</i> <i>ERP (dBm) = EIRP (dBm) - 2.15 (dB).</i>							

LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)				
					23017	23095	23173		
					699.7MHz	707.5MHz	715.3MHz		
12	1.4	QPSK	1	0	23.82	23.82	23.55		
			1	2	23.96	23.87	23.62		
			1	5	23.81	23.75	23.55		
			3	0	22.71	22.82	22.66		
			3	1	22.91	22.83	22.65		
			3	2	22.9	22.73	22.64		
			6	0	22.62	22.45	22.47		
		Antenna Gain(dBi):					-0.67		
		Max. ERP (dBm):					21.14		
		ERP Limit (dBm):					34.77		
		16QAM	1	0	22.74	22.6	22.49		
			1	2	22.83	22.75	22.54		
			1	5	22.69	22.61	22.46		
			3	0	21.74	21.71	21.42		
			3	1	21.75	21.76	21.45		
			3	2	21.76	21.72	21.44		
			6	0	21.56	21.54	21.24		
		Antenna Gain(dBi):					-0.67		
		Max. ERP (dBm):					20.01		
		ERP Limit (dBm):					34.77		
		LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)		
23025	23095						23165		
700.5MHz	707.5MHz						714.5MHz		
12	3	QPSK	1	0	23.94	23.91	23.67		
			1	7	23.86	23.85	23.64		
			1	14	23.86	23.86	23.67		
			8	0	22.92	22.91	22.65		
			8	4	22.92	22.9	22.69		
			8	7	22.93	22.85	22.72		
			15	0	22.61	22.73	22.47		
		Antenna Gain(dBi):					-0.67		
		Max. ERP (dBm):					21.12		
		ERP Limit (dBm):					34.77		
		16QAM	1	0	22.95	22.73	22.47		
			1	7	22.88	22.71	22.48		
			1	14	22.89	22.63	22.46		
			8	0	21.92	21.82	21.7		
			8	4	21.91	21.79	21.68		
			8	7	21.85	21.84	21.67		
			15	0	21.77	21.52	21.45		
		Antenna Gain(dBi):					-0.67		
		Max. ERP (dBm):					20.13		
		ERP Limit (dBm):					34.77		
		<i>Note: EIRP (dBm) = Average power (dBm) + Antenna Gain (dBi).</i> <i>ERP (dBm) = EIRP (dBm) - 2.15 (dB).</i>							

LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)				
					23035	23095	23155		
					701.5MHz	707.5MHz	713.5MHz		
12	5	QPSK	1	0	23.89	23.75	23.72		
			1	12	24	23.86	23.73		
			1	24	23.91	23.71	23.65		
			12	0	22.92	22.91	22.61		
			12	6	22.85	22.9	22.61		
			12	11	22.9	22.91	22.66		
			25	0	22.77	22.63	22.48		
		Antenna Gain(dBi):					-0.67		
		Max. ERP (dBm):					21.18		
		ERP Limit (dBm):					34.77		
		16QAM	1	0	22.87	22.87	22.61		
			1	12	22.9	22.97	22.7		
			1	24	22.84	22.82	22.52		
			12	0	21.93	22.01	21.65		
			12	6	21.92	22	21.67		
			12	11	21.89	21.99	21.64		
			25	0	21.76	21.74	21.49		
		Antenna Gain(dBi):					-0.67		
		Max. ERP (dBm):					20.15		
		ERP Limit (dBm):					34.77		
		LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)		
23060	23095						23130		
704.0MHz	707.5MHz						711.0MHz		
12	10	QPSK	1	0	23.89	23.89	23.84		
			1	24	24.03	23.91	23.91		
			1	49	23.81	23.8	23.67		
			25	0	23.07	23.03	22.78		
			25	12	23.1	23.05	22.85		
			25	24	23.07	23.06	22.82		
			50	0	22.71	22.81	22.56		
		Antenna Gain(dBi):					-0.67		
		Max. ERP (dBm):					21.21		
		ERP Limit (dBm):					34.77		
		16QAM	1	0	22.82	22.63	22.57		
			1	24	22.93	22.8	22.63		
			1	49	22.95	22.64	22.44		
			25	0	22.03	22.06	21.86		
			25	12	22.04	22.06	21.9		
			25	24	22.04	22.09	21.87		
			50	0	21.87	21.8	21.68		
		Antenna Gain(dBi):					-0.67		
		Max. ERP (dBm):					20.13		
		ERP Limit (dBm):					34.77		
		<i>Note: EIRP (dBm) = Average power (dBm) + Antenna Gain (dBi).</i> <i>ERP (dBm) = EIRP (dBm) - 2.15 (dB).</i>							

LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)				
					131979	132322	132665		
					1710.7MHz	1745.0MHz	1779.3MHz		
66	1.4	QPSK	1	0	23.21	23.53	23.54		
			1	2	23.41	23.76	23.68		
			1	5	23.16	23.54	23.55		
			3	0	22.24	22.51	22.62		
			3	1	22.23	22.51	22.62		
			3	2	22.21	22.49	22.6		
			6	0	22.13	22.35	22.34		
		Antenna Gain (dBi):					1.02		
		Max. EIRP (dBm):					24.78		
		EIRP Limit (dBm):					30.00		
		16QAM	1	0	22.28	22.22	22.26		
			1	2	22.12	22.28	22.43		
			1	5	22.36	22.2	22.22		
			3	0	21.08	21.32	21.36		
			3	1	21.05	21.31	21.38		
			3	2	21.07	21.21	21.41		
			6	0	20.96	21.02	21.26		
		Antenna Gain (dBi):					1.02		
		Max. EIRP (dBm):					23.45		
		EIRP Limit (dBm):					30.00		
		LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)		
131987	132322						132657		
1711.5MHz	1745.0MHz						1778.5MHz		
66	3	QPSK	1	0	23.35	23.6	23.35		
			1	7	23.38	23.57	23.25		
			1	14	23.28	23.56	23.22		
			8	0	22.25	22.58	22.27		
			8	4	22.23	22.55	22.37		
			8	7	22.21	22.54	22.73		
			15	0	22.11	22.33	22.17		
		Antenna Gain (dBi):					1.02		
		Max. EIRP (dBm):					24.62		
		EIRP Limit (dBm):					30.00		
		16QAM Modulation	1	0	22.1	22.54	21.9		
			1	7	22.02	22.48	21.9		
			1	14	21.94	22.43	22.16		
			8	0	22.14	21.54	21.28		
			8	4	21.21	21.56	21.47		
			8	7	21.21	21.54	21.57		
			15	0	21.19	21.32	21.13		
		Antenna Gain (dBi):					1.02		
		Max. EIRP (dBm):					23.56		
		EIRP Limit (dBm):					30.00		
		<i>Note: EIRP (dBm) = Burst Average power (dBm) + Antenna Gain (dBi).</i> <i>ERP (dBm) = EIRP (dBm) - 2.15 (dB).</i>							

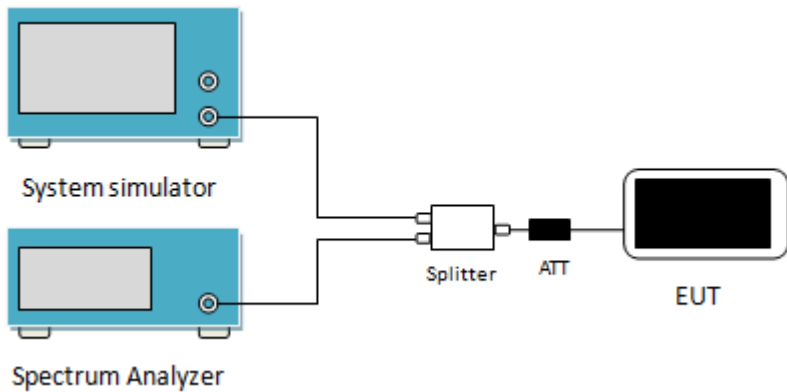
LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)				
					131997	132322	132647		
					1712.5MHz	1745.0MHz	1777.5MHz		
66	5	QPSK	1	0	23.26	23.56	22.93		
			1	12	23.26	23.24	23.12		
			1	24	23.09	22.95	23.06		
			12	0	22.17	21.98	21.97		
			12	6	22.2	22.01	21.94		
			12	11	22.19	21.95	21.98		
			25	0	22.02	21.74	21.76		
		Antenna Gain (dBi):					1.02		
		Max. EIRP (dBm):					24.58		
		EIRP Limit (dBm):					30.00		
		16QAM	1	0	22.18	22.31	21.93		
			1	12	22.24	22	22.1		
			1	24	22.09	21.81	22.03		
			12	0	21.28	20.98	21.01		
			12	6	21.29	21	21.06		
			12	11	21.29	21.02	21.03		
			25	0	21.05	20.74	20.82		
		Antenna Gain (dBi):					1.02		
		Max. EIRP (dBm):					23.33		
		EIRP Limit (dBm):					30.00		
		LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)		
132022	132322						132622		
1715.0MHz	1745.0MHz						1775.0MHz		
66	10	QPSK	1	0	23.3	23.54	23.27		
			1	24	23.36	23.2	23.19		
			1	49	23.11	23.32	23.18		
			25	0	22.09	22.03	22.05		
			25	12	22.13	21.98	22		
			25	24	22.12	22.05	22.09		
			50	0	21.89	21.76	21.8		
		Antenna Gain (dBi):					1.02		
		Max. EIRP (dBm):					24.56		
		EIRP Limit (dBm):					30.00		
		16QAM	1	0	22.11	22.05	22.06		
			1	24	22.03	22.08	21.97		
			1	49	21.84	21.92	21.94		
			25	0	21.13	21.01	21.05		
			25	12	21.13	21.01	21.03		
			25	24	21.12	21.02	21.01		
			50	0	20.87	20.84	20.73		
		Antenna Gain (dBi):					1.02		
		Max. EIRP (dBm):					23.13		
		EIRP Limit (dBm):					30.00		
		<i>Note: EIRP (dBm) = Average power (dBm) + Antenna Gain (dBi).</i>							

LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)				
					132047	132322	132597		
					1717.5MHz	1745.0MHz	1772.5MHz		
66	15	QPSK	1	0	23.13	23.17	23.14		
			1	37	23.05	23.06	23.5		
			1	74	23.21	22.79	23.03		
			36	0	22	22.06	22.05		
			36	16	21.98	22.05	22.05		
			36	35	21.99	22.07	22.02		
			75	0	21.79	21.75	21.62		
		Antenna Gain (dBi):					1.02		
		Max. EIRP (dBm):					24.52		
		EIRP Limit (dBm):					30.00		
		16QAM	1	0	22.22	21.96	21.79		
			1	37	22.18	22.02	22.03		
			1	74	21.91	21.73	22.15		
			36	0	21.08	21	21.09		
			36	16	21.05	21.02	21.11		
			36	35	21.04	21.01	21.1		
			75	0	20.86	20.87	20.98		
		Antenna Gain (dBi):					1.02		
		Max. EIRP (dBm):					23.24		
		EIRP Limit (dBm):					30.00		
		LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)		
132072	132322						132572		
1720.0MHz	1745.0MHz						1770.0MHz		
66	20	QPSK	1	0	23.45	23.36	23.68		
			1	49	23.29	23.33	23.32		
			1	99	23.26	23.11	23.55		
			50	0	22.01	22.13	22.35		
			50	24	22.06	22.17	22.33		
			50	49	22.09	22.25	22.31		
			100	0	21.78	22.14	22.02		
		Antenna Gain (dBi):					1.02		
		Max. EIRP (dBm):					24.70		
		EIRP Limit (dBm):					30.00		
		16QAM	1	0	21.84	21.84	21.89		
			1	49	21.99	21.99	22.09		
			1	99	21.86	21.86	21.95		
			50	0	20.87	20.87	21.06		
			50	24	20.85	20.85	21.14		
			50	49	20.84	20.84	21.05		
			100	0	20.63	20.6	20.71		
		Antenna Gain (dBi):					1.02		
		Max. EIRP (dBm):					23.11		
		EIRP Limit (dBm):					30.00		
		<i>Note: EIRP (dBm) = Average power (dBm) + Antenna Gain (dBi).</i>							

LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)				
					133147	133297	133447		
					665.5MHz	680.5MHz	695.5MHz		
71	5	QPSK	1	0	23.73	23.59	23.82		
			1	12	23.74	23.7	23.96		
			1	24	23.64	23.72	23.8		
			12	0	22.57	22.61	22.83		
			12	6	22.55	22.57	22.82		
			12	11	22.63	22.61	22.8		
			25	0	22.41	22.42	22.58		
		Antenna Gain (dBi):					-1.96		
		Max. ERP (dBm):					19.85		
		EIRP Limit (dBm):					34.77		
		16QAM	1	0	22.69	22.46	22.73		
			1	12	22.73	22.57	22.82		
			1	24	22.61	22.59	22.68		
			12	0	21.62	21.61	21.76		
			12	6	21.64	21.59	21.77		
			12	11	21.61	21.58	21.79		
			25	0	21.44	21.5	21.62		
		Antenna Gain (dBi):					-1.96		
		Max. ERP (dBm):					18.71		
		EIRP Limit (dBm):					34.77		
		LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)		
133172	133297						133422		
668.0MHz	680.5MHz						693.0MHz		
71	10	QPSK	1	0	23.75	23.63	23.81		
			1	24	23.73	23.7	23.92		
			1	49	23.65	23.85	23.86		
			25	0	22.68	22.54	22.82		
			25	12	22.65	22.61	22.78		
			25	24	22.68	22.58	22.82		
			50	0	22.34	22.38	22.65		
		Antenna Gain (dBi):					-1.96		
		Max. ERP (dBm):					19.81		
		EIRP Limit (dBm):					34.77		
		16QAM	1	0	22.74	22.44	22.57		
			1	24	22.69	22.58	22.76		
			1	49	22.6	22.6	22.61		
			25	0	21.64	21.61	21.81		
			25	12	21.63	21.55	21.82		
			25	24	21.6	21.56	21.84		
			50	0	21.46	21.45	21.67		
		Antenna Gain (dBi):					-1.96		
		Max. ERP (dBm):					18.65		
		EIRP Limit (dBm):					34.77		
		<i>Note: EIRP (dBm) = Average power (dBm) + Antenna Gain (dBi).</i> <i>ERP (dBm) = EIRP (dBm) - 2.15 (dB).</i>							

LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)				
					133197	133297	133397		
					670.5MHz	680.5MHz	690.5MHz		
71	15	QPSK	1	0	23.61	23.4	23.66		
			1	37	23.67	23.62	23.84		
			1	74	23.55	23.75	23.87		
			36	0	22.76	22.55	22.86		
			36	16	22.76	22.57	22.85		
			36	35	22.74	22.54	22.81		
			75	0	22.59	22.41	22.65		
		Antenna Gain (dBi):					-1.96		
		Max. ERP (dBm):					19.76		
		EIRP Limit (dBm):					34.77		
		16QAM	1	0	22.59	22.54	22.4		
			1	37	22.64	22.72	22.61		
			1	74	22.59	22.86	22.55		
			36	0	21.66	21.55	21.81		
			36	16	21.67	21.59	21.76		
			36	35	21.73	21.58	21.8		
			75	0	21.49	21.43	21.63		
		Antenna Gain (dBi):					-1.96		
		Max. ERP (dBm):					18.75		
		EIRP Limit (dBm):					34.77		
		LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)		
133222	133322						133372		
673.0MHz	683.0MHz						688.0MHz		
71	20	QPSK	1	0	23.49	23.28	23.35		
			1	49	23.76	23.85	23.97		
			1	99	23.59	23.73	23.65		
			50	0	22.74	22.53	22.86		
			50	24	22.82	22.49	22.84		
			50	49	22.78	22.54	22.88		
			100	0	22.59	22.4	22.69		
		Antenna Gain (dBi):					-1.96		
		Max. ERP (dBm):					19.96		
		EIRP Limit (dBm):					34.77		
		16QAM	1	0	22.32	22.43	22.17		
			1	49	22.69	22.92	22.77		
			1	99	22.48	22.82	22.46		
			50	0	21.77	21.52	21.87		
			50	24	21.77	21.53	21.9		
			50	49	21.75	21.52	21.87		
			100	0	21.51	21.43	21.65		
		Antenna Gain (dBi):					-1.96		
		Max. ERP (dBm):					18.81		
		EIRP Limit (dBm):					34.77		
		<i>Note: EIRP (dBm) = Average power (dBm) + Antenna Gain (dBi).</i> <i>ERP (dBm) = EIRP (dBm) - 2.15 (dB).</i>							

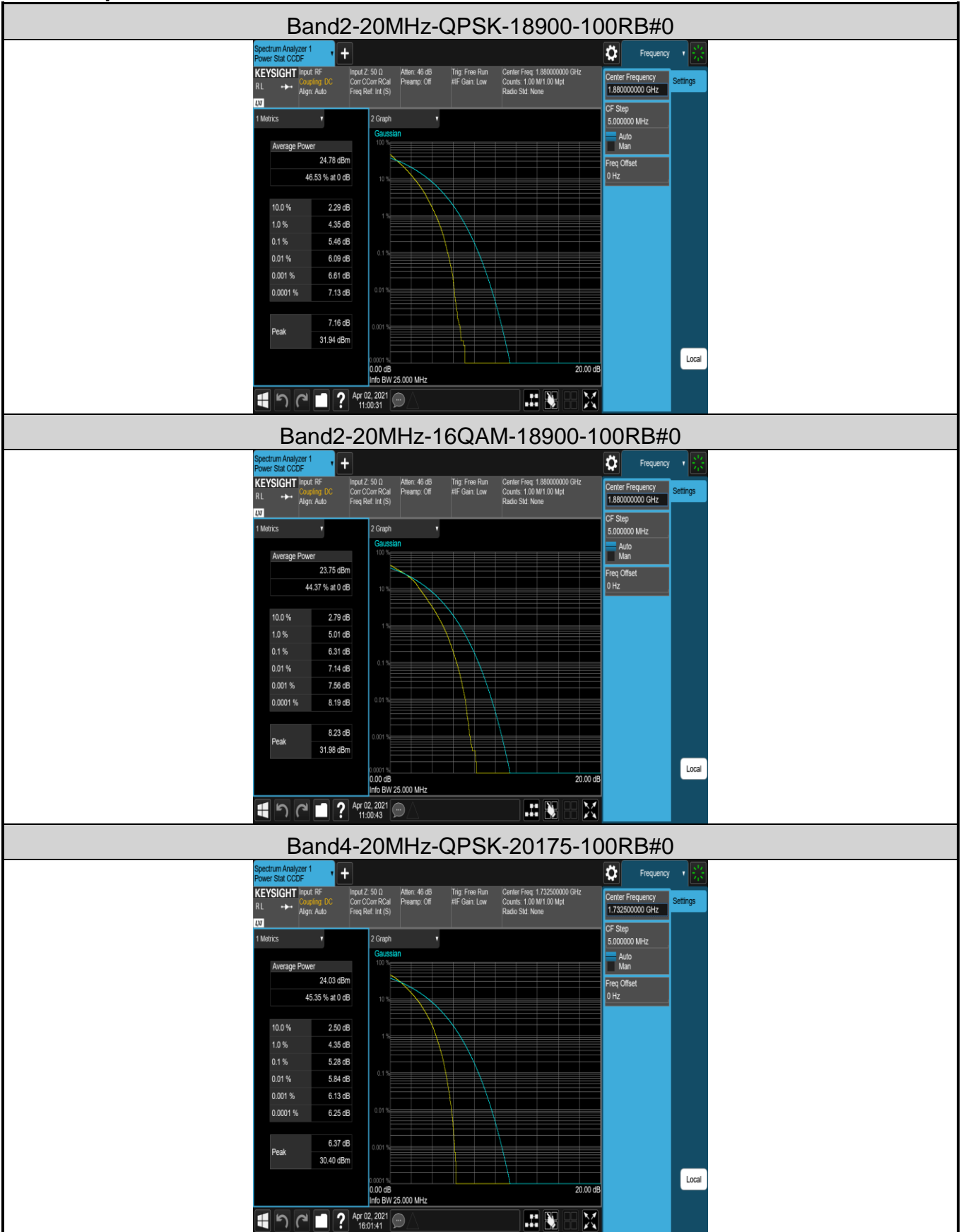
6.2 Peak-to-Average Ratio

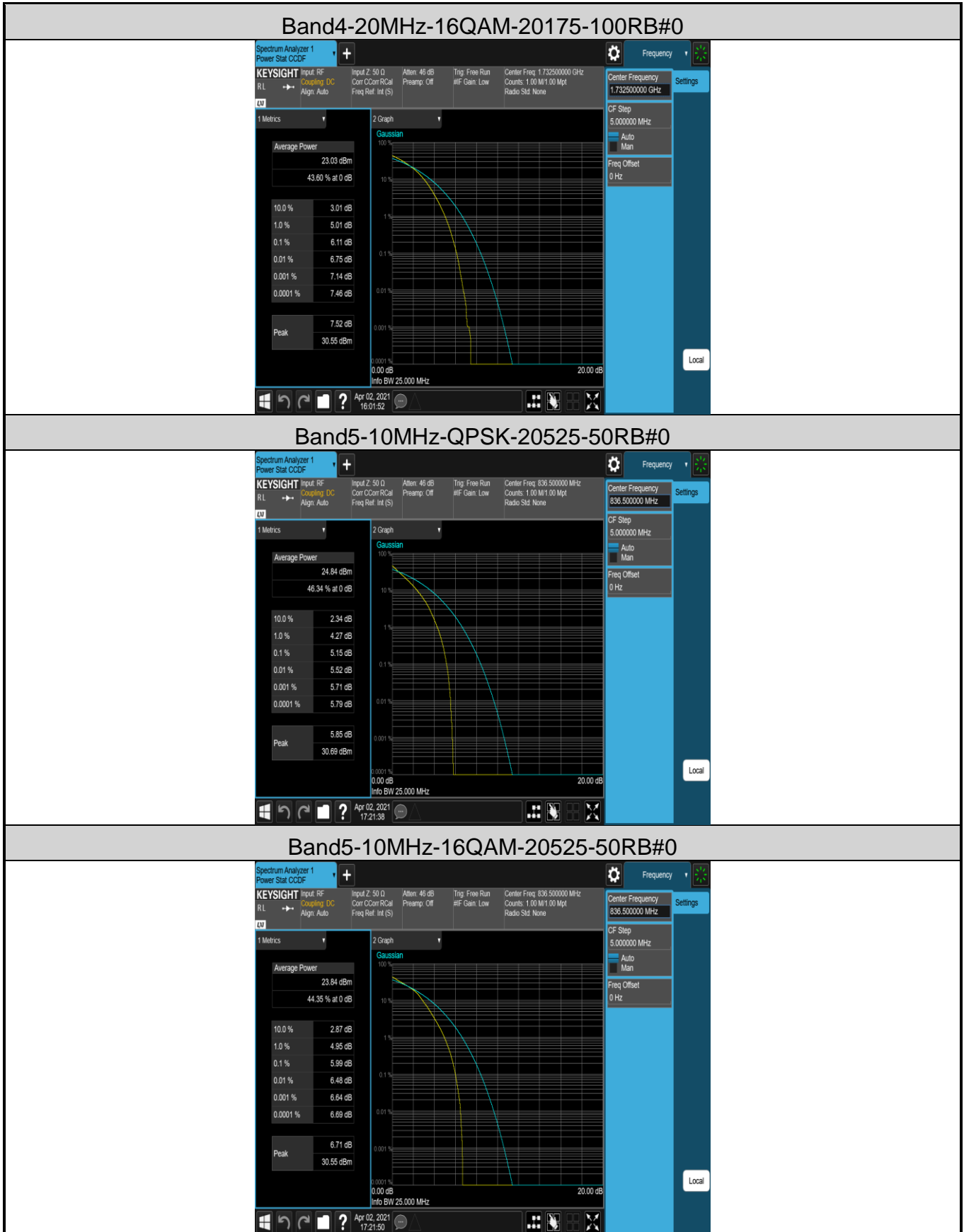
Test Requirement:	Part 24.232 (d), Part 27.50(d)(5)
Limit:	The peak-to-average ratio (PAR) of the transmission may not exceed 13 dB.
Test Setup:	 <p>The diagram shows a test setup for measuring the Peak-to-Average Ratio (PAR). It consists of a System simulator and a Spectrum Analyzer connected to a Splitter. The Splitter is connected to an ATT (Attenuator) and an EUT (Equipment Under Test).</p>
Test Procedure:	<ol style="list-style-type: none"> 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

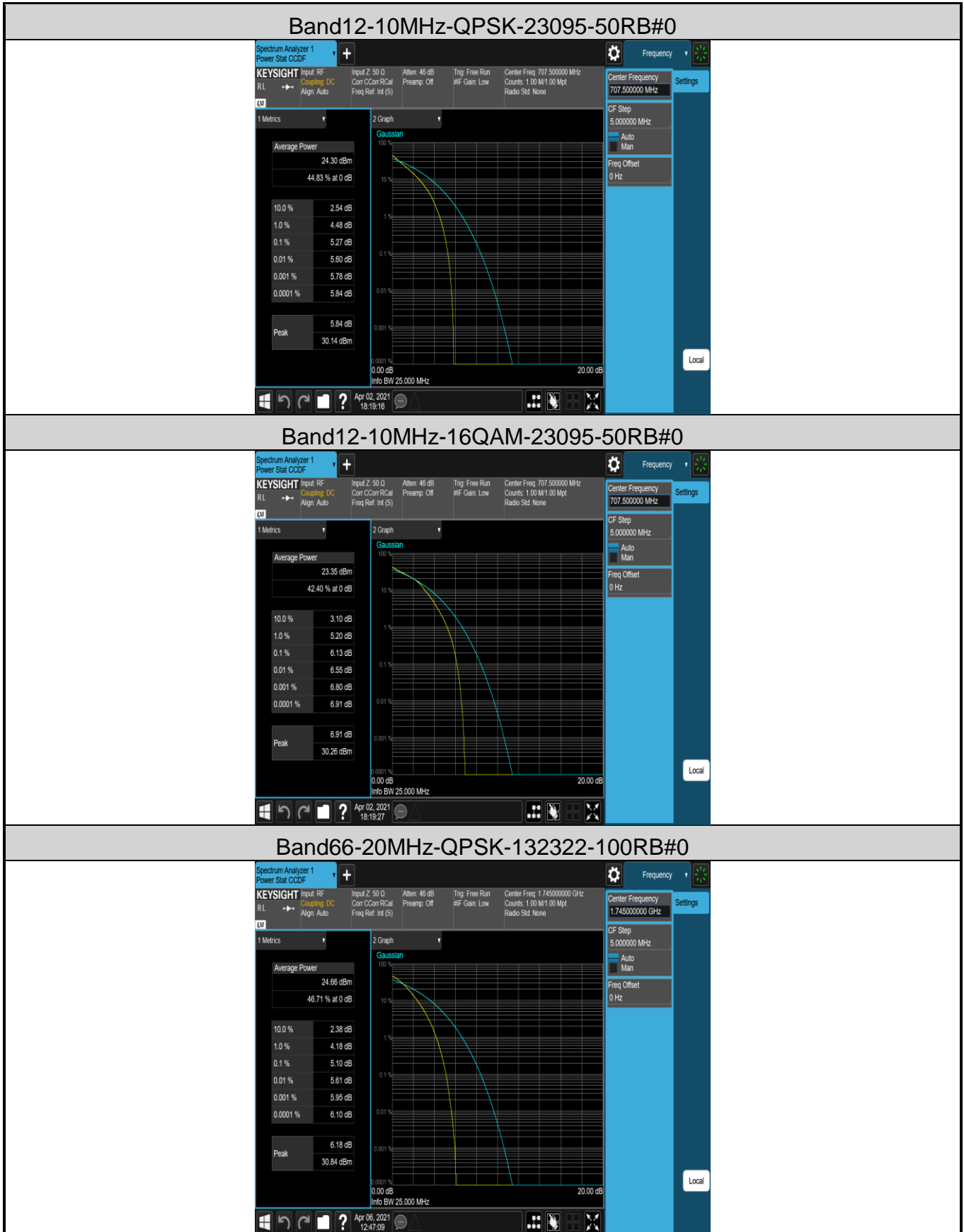
Measurement Data:

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band2	20MHz	QPSK	18900	100RB#0	5.46	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	6.31	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.28	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	6.11	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.15	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	5.99	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.27	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.13	13	PASS
Band66	20MHz	QPSK	132322	100RB#0	5.10	13	PASS
Band66	20MHz	16QAM	132322	100RB#0	5.95	13	PASS
Band71	20MHz	QPSK	133322	100RB#0	5.40	13	PASS
Band71	20MHz	16QAM	133322	100RB#0	6.17	13	PASS

Test Graphs

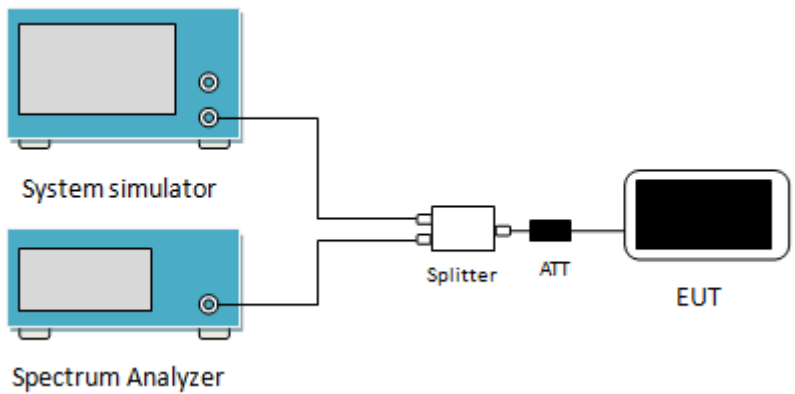








6.3 Occupy Bandwidth

Test Requirement:	Part 22.917(b), Part 24.238(b), Part 27.53(g), Part 27.53(h)
Test Setup:	
Test Procedure:	<ol style="list-style-type: none"> 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	1.0921	1.293	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.0956	1.296	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.0997	1.303	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.0945	1.310	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.0960	1.295	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.0890	1.271	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.6882	2.903	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.6884	2.896	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.6914	2.892	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.6789	2.902	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.6862	2.905	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.6883	3.000	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.5234	5.203	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.5104	5.180	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.5172	5.170	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.5191	5.134	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.5244	5.201	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.5401	5.834	PASS

Band2	10MHz	QPSK	18650	50RB#0	9.0125	10.21	PASS
Band2	10MHz	QPSK	18900	50RB#0	9.0078	10.21	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.9766	9.990	PASS
Band2	10MHz	16QAM	18650	50RB#0	9.0018	10.09	PASS
Band2	10MHz	16QAM	18900	50RB#0	9.0009	10.09	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.9863	9.978	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.518	15.23	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.492	15.20	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.466	15.10	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.526	15.01	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.536	14.96	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.527	14.95	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.978	20.09	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.986	19.80	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.987	19.89	PASS
Band2	20MHz	16QAM	18700	100RB#0	18.023	19.58	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.932	19.67	PASS
Band2	20MHz	16QAM	19100	100RB#0	18.017	19.84	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	1.0924	1.312	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0950	1.286	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0918	1.303	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0975	1.296	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0930	1.278	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0967	1.313	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6875	2.900	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6890	2.903	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.6877	2.896	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6809	2.891	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6789	2.899	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6870	2.888	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5283	5.179	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5227	5.213	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5049	5.167	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.5232	5.154	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5261	5.139	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5238	5.167	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9922	10.03	PASS
Band4	10MHz	QPSK	20175	50RB#0	9.0269	10.15	PASS
Band4	10MHz	QPSK	20350	50RB#0	9.0212	10.11	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9924	10.01	PASS
Band4	10MHz	16QAM	20175	50RB#0	9.0215	10.03	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.9929	10.09	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.442	14.81	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.540	15.10	PASS

Band4	15MHz	QPSK	20325	75RB#0	13.548	14.97	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.433	14.86	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.539	14.98	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.547	14.95	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.841	19.50	PASS
Band4	20MHz	QPSK	20175	100RB#0	18.016	19.71	PASS
Band4	20MHz	QPSK	20300	100RB#0	18.081	19.94	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.853	19.40	PASS
Band4	20MHz	16QAM	20175	100RB#0	18.099	19.54	PASS
Band4	20MHz	16QAM	20300	100RB#0	18.063	19.90	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	1.0905	1.298	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0919	1.286	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0969	1.299	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.0938	1.305	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0969	1.313	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0939	1.283	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.6865	2.888	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6873	2.904	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.6880	2.904	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.6800	2.903	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6796	2.890	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6838	2.903	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5207	5.194	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5234	5.201	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.5073	5.154	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.5155	5.160	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5221	5.146	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5234	5.197	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9997	10.07	PASS
Band5	10MHz	QPSK	20525	50RB#0	9.0312	10.16	PASS
Band5	10MHz	QPSK	20600	50RB#0	9.0215	10.12	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9974	9.973	PASS
Band5	10MHz	16QAM	20525	50RB#0	9.0080	10.03	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9934	10.13	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	1.0935	1.286	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0953	1.283	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0971	1.298	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.0983	1.307	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.0959	1.293	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.0882	1.272	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.6869	2.888	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.6903	2.907	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.6904	2.891	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.6756	2.890	PASS

Band12	3MHz	16QAM	23095	15RB#0	2.6870	2.902	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.6892	2.899	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.5205	5.205	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.5203	5.175	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.5160	5.149	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.5196	5.119	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.5454	5.247	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.5240	5.168	PASS
Band12	10MHz	QPSK	23060	50RB#0	9.0347	10.09	PASS
Band12	10MHz	QPSK	23095	50RB#0	9.0545	10.26	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9977	10.17	PASS
Band12	10MHz	16QAM	23060	50RB#0	9.0210	9.994	PASS
Band12	10MHz	16QAM	23095	50RB#0	9.0460	10.18	PASS
Band12	10MHz	16QAM	23130	50RB#0	9.0022	10.07	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	1.0973	1.291	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	1.0970	1.302	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	1.0967	1.310	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	1.0927	1.294	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	1.0925	1.295	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	1.0895	1.275	PASS
Band66	3MHz	QPSK	131987	15RB#0	2.6911	2.887	PASS
Band66	3MHz	QPSK	132322	15RB#0	2.6869	2.889	PASS
Band66	3MHz	QPSK	132657	15RB#0	2.6902	2.902	PASS
Band66	3MHz	16QAM	131987	15RB#0	2.6794	2.886	PASS
Band66	3MHz	16QAM	132322	15RB#0	2.6792	2.901	PASS
Band66	3MHz	16QAM	132657	15RB#0	2.6816	2.896	PASS
Band66	5MHz	QPSK	131997	25RB#0	4.5312	5.192	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.5274	5.206	PASS
Band66	5MHz	QPSK	132647	25RB#0	4.5126	5.167	PASS
Band66	5MHz	16QAM	131997	25RB#0	4.5256	5.270	PASS
Band66	5MHz	16QAM	132322	25RB#0	4.5249	5.181	PASS
Band66	5MHz	16QAM	132647	25RB#0	4.5341	5.201	PASS
Band66	10MHz	QPSK	132022	50RB#0	8.9897	10.10	PASS
Band66	10MHz	QPSK	132322	50RB#0	9.0161	10.17	PASS
Band66	10MHz	QPSK	132622	50RB#0	9.0363	10.29	PASS
Band66	10MHz	16QAM	132022	50RB#0	8.9748	9.963	PASS
Band66	10MHz	16QAM	132322	50RB#0	9.0119	10.08	PASS
Band66	10MHz	16QAM	132622	50RB#0	9.0341	10.10	PASS
Band66	15MHz	QPSK	132047	75RB#0	13.444	15.03	PASS
Band66	15MHz	QPSK	132322	75RB#0	13.551	14.94	PASS
Band66	15MHz	QPSK	132597	75RB#0	13.580	15.39	PASS
Band66	15MHz	16QAM	132047	75RB#0	13.432	14.90	PASS
Band66	15MHz	16QAM	132322	75RB#0	13.570	14.99	PASS
Band66	15MHz	16QAM	132597	75RB#0	13.612	15.12	PASS

Band66	20MHz	QPSK	132072	100RB#0	17.822	19.51	PASS
Band66	20MHz	QPSK	132322	100RB#0	18.037	19.84	PASS
Band66	20MHz	QPSK	132572	100RB#0	18.117	20.01	PASS
Band66	20MHz	16QAM	132072	100RB#0	17.819	19.48	PASS
Band66	20MHz	16QAM	132322	100RB#0	18.070	19.92	PASS
Band66	20MHz	16QAM	132572	100RB#0	18.085	19.76	PASS
Band71	5MHz	QPSK	133147	25RB#0	4.5132	5.191	PASS
Band71	5MHz	QPSK	133297	25RB#0	4.5077	5.150	PASS
Band71	5MHz	QPSK	133447	25RB#0	4.5197	5.166	PASS
Band71	5MHz	16QAM	133147	25RB#0	4.5130	5.117	PASS
Band71	5MHz	16QAM	133297	25RB#0	4.5256	5.196	PASS
Band71	5MHz	16QAM	133447	25RB#0	4.5334	5.205	PASS
Band71	10MHz	QPSK	133172	50RB#0	9.0168	10.14	PASS
Band71	10MHz	QPSK	133297	50RB#0	9.0109	10.12	PASS
Band71	10MHz	QPSK	133422	50RB#0	8.9909	10.11	PASS
Band71	10MHz	16QAM	133172	50RB#0	9.0009	9.955	PASS
Band71	10MHz	16QAM	133297	50RB#0	8.9931	10.15	PASS
Band71	10MHz	16QAM	133422	50RB#0	9.0068	10.02	PASS
Band71	15MHz	QPSK	133197	75RB#0	13.542	15.12	PASS
Band71	15MHz	QPSK	133297	75RB#0	13.498	15.88	PASS
Band71	15MHz	QPSK	133397	75RB#0	13.492	15.03	PASS
Band71	15MHz	16QAM	133197	75RB#0	13.517	15.04	PASS
Band71	15MHz	16QAM	133297	75RB#0	13.519	15.11	PASS
Band71	15MHz	16QAM	133397	75RB#0	13.540	15.11	PASS
Band71	20MHz	QPSK	133222	100RB#0	18.015	19.78	PASS
Band71	20MHz	QPSK	133322	100RB#0	17.986	20.02	PASS
Band71	20MHz	QPSK	133372	100RB#0	17.987	19.76	PASS
Band71	20MHz	16QAM	133222	100RB#0	18.021	19.75	PASS
Band71	20MHz	16QAM	133322	100RB#0	17.982	19.72	PASS
Band71	20MHz	16QAM	133372	100RB#0	18.016	19.90	PASS

