

**ELECTROMAGNETIC EMISSIONS
COMPLIANCE REPORT**

FCC Applicant: ASUSTeK COMPUTER INC.
1F., No. 15, Lide Rd., Beitou Dist., Taipei City 112, Taiwan
FCC Manufacturer: ASUSTeK COMPUTER INC.
1F., No. 15, Lide Rd., Beitou Dist., Taipei City 112, Taiwan
Product Name: ASUS Phone(Mobile Phone)
Brand Name: ASUS
Model No.: ASUSAI2501E
Family Model No.: ASUSAI2501D
Model Difference: Refer to section1.2
Report Number: TERF2407002103ER
FCC ID MSQAI2501
Date of EUT Received: July 01, 2024
Date of Test: July 17, 2024 ~ November 14, 2024
Issue Date: November 15, 2024

Approved By

Marcus Tseng**We hereby certify that:**

The above equipment was tested by SGS Taiwan Ltd. Central RF Lab The test data, data evaluation, test procedures, and equipment configurations shown in this report were made in accordance with the procedures given in ANSI C63.26-2015 and the energy emitted by the sample EUT comply with FCC rule part 2, 22H & 24E & 27 C.

The results of this report relate only to the sample identified in this report.

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.
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Revision History

Report Number	Revision	Description	Issue Date	Revised By	Remark
TERF2407002103ER	00	Original	November 15, 2024	Yuri Tsai	

Note:

- 1、The remark "" indicates modification of the report upon requests from certification body.
- 2、Variant information of model numbers is provided by the applicant, test results of this report are applicable to the sample EUT(s) received.
And are assessed as electrically identical in RF characteristics, therefore, no further assessment required for the variant(s).

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1 GENERAL PRODUCT INFORMATION

1.1 Product Description

Product Name:	ASUS Phone(Mobile Phone)
Brand Name:	ASUS
Model No.:	ASUSAI2501E
Family Model No.:	ASUSAI2501D
Hardware Version:	R2.0C
Firmware Version:	35.1400.1400.10
EUT Series No.:	S7AIOCN13288C89 & S7AIOCN13359SCN
Family Model No.:	ASUSAI2501D
Power Supply:	7.8 Vdc from Battery
Test Software (Name/Version)	Default(connection with call box)

1.2 Model Difference

Model Name	ASUSAI2501D	ASUSAI2501E
3rd Camera	5MP Macro	32 MP Tele
LED Light	mini LED (85 pcs)	mini LED (648 pcs)
Memory	12/256, 12/512, 16/512	16/512, 24/1TB
Side USB port	Y	
Air trigger	Y	
Power	5800mAh, 65W	
Refresh Rate	185Hz	

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1.3 Operation Frequency Range

Intra-Band

LTE Band 2C	
BW (MHz)	Operation Frequency (MHz)
25	1862.5 - 1897.5
30	1865.0 - 1895.0
35	1867.5 - 1892.5
40	1870.0 - 1890.0
LTE Band 5B	
BW (MHz)	Operation Frequency (MHz)
15	831.5 - 841.5
20	834.0 - 839.0
LTE Band 7C	
BW (MHz)	Operation Frequency (MHz)
30	2515.0 - 2555.0
35	2517.5 - 2552.5
40	2520.0 - 2550.0
LTE Band 12B	
BW (MHz)	Operation Frequency (MHz)
10	704.0 - 711.0
15	706.5 - 708.5
LTE Band 38C	
BW (MHz)	Operation Frequency (MHz)
30	2585.0 - 2605.0
40	2590.0 - 2600.0

LTE Band 41C	
BW (MHz)	Operation Frequency (MHz)
25	2508.5 - 2677.5
30	2511.0 - 2675.0
35	2513.5 - 2672.5
40	2516.0 - 2670.0
LTE Band 42C	
BW (MHz)	Operation Frequency (MHz)
25	3562.5 - 3587.5
30	3565.0 - 3585.0
35	3567.5 - 3582.5
40	3570.0 - 3580.0
LTE Band 66C	
BW (MHz)	Operation Frequency (MHz)
25	1722.5 - 1767.5
30	1725.0 - 1765.0
35	1727.5 - 1762.5
40	1730.0 - 1760.0
LTE Band 66B	
BW (MHz)	Operation Frequency (MHz)
10	1715.0 - 1775.0
15	1717.5 - 1772.5
20	1720.0 - 1770.0

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1.4 Antenna Designation

Antenna Type	Antenna Model No.
PIFA	Ant0
	Ant1
	Ant2
	Ant7
	Ant8
	Ant9
Note: Transmission frequencies in this test report are only available by the above antenna(s).	

Bands	Frequency (MHz)	Peak Antenna Gain (dBi)					
		Ant0	Ant1	Ant2	Ant7	Ant8	Ant9
2	1850 ~ 1910		-0.2	-1.9	-5.1		
5	824 ~ 849	-2.4		-3.3			
7	2500 ~ 2570		-2.5	-1.1	-5.5		
12	699 ~ 716	-1.6		-4.8			
38	2570 ~ 2620		-2.5	-1.1		-1.8	-8.1
41	2496 ~ 2690		-2.5	-1.1		-1.8	-8.1
66	1710 ~ 1780		-1.5	-1.9			

Note: Antenna information is provided by the applicant.

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1.5 Type of Emission & Max ERP/EIRP Power Measurement Result:

LTE Band	BW	Frequency		Modulation	ERP / EIRP (dBm)		(W)	99%	Type of Emission
2C	25	1713.3	1770.0	QPSK	24.73	EIRP	0.297	23.2080	23M2G7D
				16QAM	23.67	EIRP	0.233	23.2080	23M2D7W
				64QAM	21.42	EIRP	0.139	23.2090	23M2D7W
				256QAM	20.32	EIRP	0.108	23.2490	23M2D7W
2C	30	1715.5	1770.0	QPSK	24.83	EIRP	0.304	28.4570	28M5D7W
				16QAM	24.32	EIRP	0.270	28.4530	28M5D7W
				64QAM	21.90	EIRP	0.155	28.4180	28M4D7W
				256QAM	20.26	EIRP	0.106	28.4490	28M4D7W
2C	35	1717.8	1770.0	QPSK	24.82	EIRP	0.303	32.7870	32M8D7W
				16QAM	24.15	EIRP	0.260	32.8140	32M8D7W
				64QAM	22.01	EIRP	0.159	32.7560	32M8D7W
				256QAM	20.28	EIRP	0.107	32.7590	32M8D7W
2C	40	1720.0	1770.0	QPSK	24.45	EIRP	0.279	37.8050	37M8D7W
				16QAM	23.89	EIRP	0.245	37.7200	37M7D7W
				64QAM	21.05	EIRP	0.127	37.7470	37M7D7W
				256QAM	20.04	EIRP	0.101	37.7260	37M7D7W
LTE Band	BW	Frequency		Modulation	ERP / EIRP (dBm)		(W)	99%	Type of Emission
5B	15	826.8	844.0	QPSK	20.40	ERP	0.110	13.9430	13M9G7D
				16QAM	20.18	ERP	0.104	13.9140	13M9D7W
				64QAM	17.61	ERP	0.058	13.9110	13M9D7W
				256QAM	15.86	ERP	0.039	13.9100	13M9D7W
5B	20	829.0	844.0	QPSK	20.76	ERP	0.119	18.8140	18M8D7W
				16QAM	19.73	ERP	0.094	18.8350	18M8D7W
				64QAM	17.42	ERP	0.055	18.8000	18M8D7W
				256QAM	16.00	ERP	0.040	18.8160	18M8D7W

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7C	30	2505.5	2560.0	QPSK	23.94	EIRP	0.248	28.4470	28M4G7D
				16QAM	23.21	EIRP	0.209	28.4140	28M4D7W
				64QAM	20.64	EIRP	0.116	28.4290	28M4D7W
				256QAM	19.33	EIRP	0.086	28.4250	28M4D7W
7C	35	2507.8	2560.0	QPSK	23.71	EIRP	0.235	32.7630	32M8D7W
				16QAM	23.03	EIRP	0.201	32.7770	32M8D7W
				64QAM	19.89	EIRP	0.097	32.7350	32M7D7W
				256QAM	18.83	EIRP	0.076	32.7350	32M7D7W
7C	40	2510.0	2560.0	QPSK	23.62	EIRP	0.230	37.6460	37M6D7W
				16QAM	23.03	EIRP	0.201	37.6160	37M6D7W
				64QAM	20.21	EIRP	0.105	37.6300	37M6D7W
				256QAM	19.30	EIRP	0.085	37.6930	37M7D7W
LTE Band	BW	Frequency		Modulation	ERP / EIRP (dBm)		(W)	99%	Type of Emission
12B	10	701.5	713.5	QPSK	19.79	EIRP	0.095	9.2640	9M3G7D
				16QAM	19.45	EIRP	0.088	9.2552	9M3D7W
				64QAM	17.80	EIRP	0.060	9.2720	9M3D7W
				256QAM	15.67	EIRP	0.037	9.2393	9M2D7W
12B	15	701.8	711.0	QPSK	20.19	EIRP	0.104	13.8690	13M9D7W
				16QAM	19.59	EIRP	0.091	13.8670	13M9D7W
				64QAM	17.48	EIRP	0.056	13.8760	13M9D7W
				256QAM	15.92	EIRP	0.039	13.8750	13M9D7W
LTE Band	BW	Frequency		Modulation	ERP / EIRP (dBm)		(W)	99%	Type of Emission
38C	30	2577.5	2612.5	QPSK	23.61	EIRP	0.230	28.4570	28M5G7D
				16QAM	23.17	EIRP	0.207	28.4430	28M4D7W
				64QAM	20.58	EIRP	0.114	28.4400	28M4D7W
				256QAM	19.31	EIRP	0.085	28.4590	28M5D7W
38C	40	2580.0	2610.0	QPSK	23.60	EIRP	0.229	37.7820	37M8D7W
				16QAM	23.23	EIRP	0.210	37.7880	37M8D7W
				64QAM	20.66	EIRP	0.116	37.6930	37M7D7W
				256QAM	19.30	EIRP	0.085	37.7520	37M8D7W

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41C	25	2499.3	2680.0	QPSK	24.88	EIRP	0.308	23.0190	23M0G7D
				16QAM	24.37	EIRP	0.274	22.9930	23M0D7W
				64QAM	21.89	EIRP	0.155	22.9590	23M0D7W
				256QAM	20.46	EIRP	0.111	22.9950	23M0D7W
41C	30	2501.5	2680.0	QPSK	24.74	EIRP	0.298	28.4700	28M5D7W
				16QAM	24.07	EIRP	0.255	28.4570	28M5D7W
				64QAM	21.43	EIRP	0.139	28.4530	28M5D7W
				256QAM	20.18	EIRP	0.104	28.4340	28M4D7W
41C	35	2503.8	2680.0	QPSK	24.89	EIRP	0.308	32.7980	32M8D7W
				16QAM	24.00	EIRP	0.251	32.8120	32M8D7W
				64QAM	21.32	EIRP	0.136	32.7480	32M7D7W
				256QAM	20.18	EIRP	0.104	32.7550	32M8D7W
41C	40	2506.0	2680.0	QPSK	24.62	EIRP	0.290	37.6790	37M7D7W
				16QAM	24.22	EIRP	0.264	37.7680	37M8D7W
				64QAM	21.66	EIRP	0.147	37.7660	37M8D7W
				256QAM	20.35	EIRP	0.108	37.7300	37M7D7W

LTE Band	BW	Frequency		Modulation	ERP / EIRP (dBm)		(W)	99%	Type of Emission
66C	25	1713.3	1770.0	QPSK	24.01	EIRP	0.252	23.2120	23M2G7D
				16QAM	23.51	EIRP	0.224	23.2380	23M2D7W
				64QAM	21.18	EIRP	0.131	23.2550	23M3D7W
				256QAM	19.33	EIRP	0.086	23.1900	23M2D7W
66C	30	1715.5	1770.0	QPSK	23.96	EIRP	0.249	28.4380	28M4D7W
				16QAM	23.18	EIRP	0.208	28.4530	28M5D7W
				64QAM	21.18	EIRP	0.131	28.4360	28M4D7W
				256QAM	19.25	EIRP	0.084	28.4290	28M4D7W
66C	35	1717.8	1770.0	QPSK	23.86	EIRP	0.243	32.7890	32M8D7W
				16QAM	23.32	EIRP	0.215	32.7820	32M8D7W
				64QAM	21.01	EIRP	0.126	32.7680	32M8D7W
				256QAM	20.93	EIRP	0.124	32.7440	32M7D7W
66C	40	1720.0	1770.0	QPSK	23.82	EIRP	0.241	37.7480	37M7D7W
				16QAM	23.13	EIRP	0.206	37.6890	37M7D7W
				64QAM	21.07	EIRP	0.128	37.7080	37M7D7W
				256QAM	19.14	EIRP	0.082	37.6830	37M7D7W

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LTE Band	BW	Frequency		Modulation	ERP / EIRP (dBm)		(W)	99%	Type of Emission
66B	10	1713.3	1770.0	QPSK	24.52	EIRP	0.283	9.2737	9M3G7D
				16QAM	24.01	EIRP	0.252	9.2715	9M3D7W
				64QAM	21.95	EIRP	0.157	9.2605	9M3D7W
				256QAM	20.44	EIRP	0.111	9.2638	9M3D7W
66B	15	1715.5	1770.0	QPSK	24.71	EIRP	0.296	13.8980	13M9D7W
				16QAM	24.41	EIRP	0.276	13.9270	13M9D7W
				64QAM	21.94	EIRP	0.156	13.9030	13M9D7W
				256QAM	20.08	EIRP	0.102	13.8960	13M9D7W
66B	20	1717.8	1770.0	QPSK	25.38	EIRP	0.345	18.8190	18M8D7W
				16QAM	24.32	EIRP	0.270	18.8400	18M8D7W
				64QAM	22.07	EIRP	0.161	18.7900	18M8D7W
				256QAM	20.23	EIRP	0.105	18.8370	18M8D7W

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1.6 Test Methodology of Applied Standards

FCC 47 CFR Part 2, 22H, 24E, 27C.

ANSI C63.26-2015

KDB971168 D01 Power Meas license Digital System v03r01

KDB412172 D01 Determining ERP and EIRP v01r01

1.7 Test Facility

Laboratory	Test Site Address	Test Site Name	FCC Designa- tion number	IC CAB identifier
SGS Taiwan Ltd. Central RF Lab. (TAF code 3702)	No.134, Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan.	SAC 1	TW0027	TW3702
		SAC 2		
		SAC 3		
		Conduction 1		
		Conducted 1		
		Conducted 2		
		Conducted 3		
		Conducted 4		
		Conducted 5		
		Conducted 6		
	No.2, Keji 1st Rd., Guishan District, Taoyuan City, Taiwan 333	Conduction C	TW0028	
		SAC C		
		SAC D		
		SAC G		
		Conducted A		
		Conducted B		
		Conducted C		
		Conducted D		
		Conducted E		
		Conducted F		
Conducted G				
Note: Test site name is remarked on the equipment list in each section of this report as an indica- tion where measurements occurred in specific test site and address.				

1.8 Special Accessories

No special accessories were used during testing.

1.9 Equipment Modifications

There was no modifications incorporated into the EUT.

1.10 Radiated Emission Test Sites for Measurements from 9 kHz to 30 MHz

Radiated emission below 30MHz is measured in a 9m*6m*6m semi-anechoic chamber, the measurements correspond to those obtained at an open-field test site.

There is a comparison data of both open-field test site and semi-Anechoic chamber, and the result came out very similar.

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2 SYSTEM TEST CONFIGURATION

2.1 EUT Configuration

The EUT configuration for testing is installed on RF field strength measurement to meet the Commissions requirement and operating in a manner which intends to maximize its emission characteristics in a continuous normal application.

2.2 EUT Exercise

The EUT (Transmitter) was operated in the continuous transmission mode employed with the simulator of the Base Station that fixates at test default channels to fix the Tx frequency which was for the purpose of the measurements.

2.3 Test Procedure

2.3.1 Conducted Measurement at Antenna Port

The EUT is placed on a table which is 0.8 m above ground plane. A low loss of RF cable was used to connect the antenna port of EUT to measurement equipment.

2.3.2 Radiated Emissions (ERP/EIRP)

The EUT is placed on a turn table, for emission measurements below 1 GHz is 0.8 m above ground plane, for emission measurements above 1 GHz, the table height shall be 1.5 m. The turn table shall rotate 360 degrees to determine the position of maximum emission level. EUT is set 3m away from the receiving antenna which varied from 1m to 4m to find out the highest emission. And also, each emission was to be maximized by changing the polarization of receiving antenna both Horizontal and Vertical. In order to find out the max. emission, the relative positions of this transmitter (EUT) was rotated through three orthogonal axes and measurement procedures for electric field radiated emissions above 1 GHz the EUT measurement is to be made "while keeping the antenna in the 'cone of radiation' from that area and pointed at the area both in azimuth and elevation, with polarization oriented for maximum response." is still within the 3dB illumination BW of the measurement antenna.

2.4 Measurement Results Explanation Example

For all conducted test items:

The offset level is set in the spectrum analyzer to compensate the RF cable loss and attenuation factor between EUT conducted port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level is exactly EUT RF output level.

Note:

The spectrum analyzer offset is derived from RF cable loss and attenuator factor.

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2.5 Final Amplifier Voltage and Current Information:

LTE CA Band 2C

Test mode	DC voltage (V)	DC current (mA)
LTE CA Band 2C 20M+20M QPSK	7.8	417

LTE CA Band 5B

Test mode	DC voltage (V)	DC current (mA)
LTE CA Band 5B 10M+10M QPSK	7.8	412

LTE CA Band 7C

Test mode	DC voltage (V)	DC current (mA)
LTE CA Band 7C 20M+20M QPSK	7.8	433

LTE CA Band 12B

Test mode	DC voltage (V)	DC current (mA)
LTE CA Band 12B 5M+10M QPSK	7.8	419

LTE CA Band 38C

Test mode	DC voltage (V)	DC current (mA)
LTE CA Band 38C 20M+20M QPSK	7.8	426

LTE CA Band 41C

Test mode	DC voltage (V)	DC current (mA)
LTE CA Band 41C 20M+20M QPSK	7.8	419

LTE CA Band 66C

Test mode	DC voltage (V)	DC current (mA)
LTE CA Band 66C 20M+20M QPSK	7.8	427

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LTE CA Band 66B

Test mode	DC voltage (V)	DC current (mA)
LTE CA Band 66C 10M+10M QPSK	7.8	434

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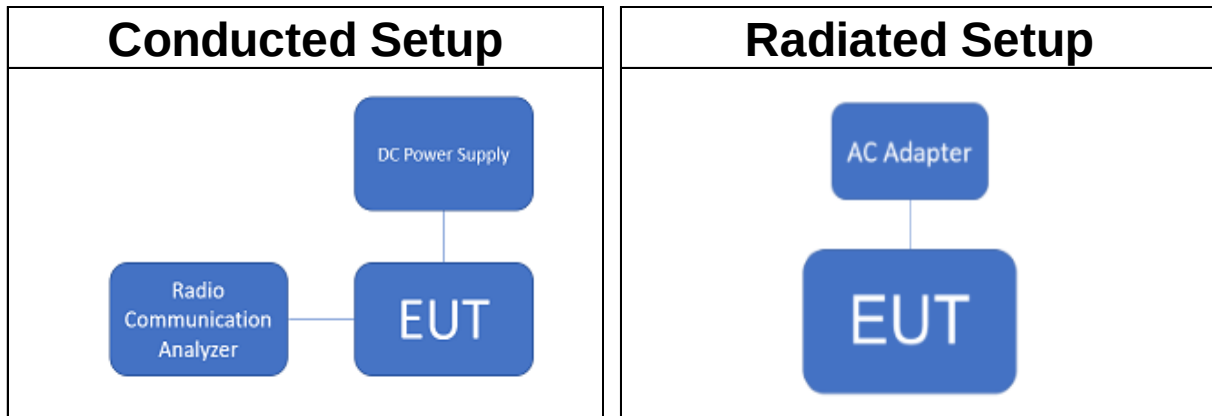
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2.6 Test Configuration



Note: Radio Communication Analyzer is placed in remote side for radiated test.

2.7 Control Unit(s)

Radiated Emission Test Site: SAC 3					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
AC Adapter	Shenzhen JingQuanHua & Everrise Intelligent Electric Co., Ltd	NSA65EU-20032500	N/A	N/A	N/A
USB Cable	ASAP	LA9U2030-CS-H	N/A	N/A	N/A

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3 SUMMARY OF TEST RESULTS

FCC Rules	Description Of Test	Result
§2.1046(a)	RF Power Output	Compliant
§22.913(a)(5) §24.232(c) §27.50(c)(10) §27.50(d)(4) §27.50(h)(2)	ERP/ EIRP measurement	Compliant
§2.1049(h)	99% & 26dB Occupied Bandwidth	Compliant
§2.1051 §22.917(a)(b) §24.238(a)(b) §27.53(g) §27.53(m) §27.53(m)(4) §27.53(h)(1)&(3)	Out of Band Emissions at Antenna Terminals and Band Edge / Emission mask requirements	Compliant
§2.1053 §22.917(a)(b) §24.238(a)(b) §27.53(g) §27.53(h) §27.53(m)(4)(6)	Field Strength of Spurious Radiation	Compliant
§22.913(d) §24.232(d) §27.50(a)(1)(B) §27.50(d)(5)	Peak to Average Ratio	Compliant
§2.1055(a)(1) §22.355 §24.235 §27.54	Frequency Stability	Compliant

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4 DESCRIPTION OF TEST MODES

4.1 The Test Channel Details

This device supports with carrier aggregation (two carrier) uplink, Intra-Band contiguous and Inter-Band non-contiguous specification as below:

E-UTRA Intra-Band CA configuration / Bandwidth combination set		
E-UTRA CA configuration	Component carriers in order of in-creasing carrier frequency Channel bandwidth for PCC and SCC [MHz]	Maximum ag-gregated band-width [MHz]
CA_2C	5+20 / 20+5 / 10+15 / 15+10	25
	10+20 / 20+10 / 15+15	30
	15+20 / 20+15	35
	20+20	40
CA_5B	5+10 / 10+5	15
	10+10	20
CA_7C	10+20 / 20+10 / 15+15	30
	15+20 / 20+15	35
	20+20	40
CA_38C	15+15	30
	20+20	40
CA_41C	5+20 / 20+5	25
	10+20 / 20+10 / 15+15	30
	15+20 / 20+15	35
	20+20	40
CA_66B	5+5	10
	5+10 / 10+5	15
	5+15 / 15+5 / 10+10	20
CA_66C	5+20 / 20+5 / 10+15 / 15+10	25
	10+20 / 20+10 / 15+15	30
	15+20 / 20+15	35
	20+20	40
CA_12B	5+5	10
	5+10	15

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4.2 The Worst-Case Test Modes and Details

1. The EUT has been tested under operating condition.
2. Pre-Scan has been conducted to determine the worst-case scenario from all possible combinations among available modulations, data rates and antenna ports, the worst case configurations listed below for the final test.
3. The field strength of radiated emission was measured as the EUT positioned in different orthogonal planes (E1/E2/H) based on actual usage of the EUT to pre-scan the emissions for determining the worst case scenario.
4. The worst-case scenario for all measurements is based on the average conducted output power measurement investigation results. Output power measurements were measured on QPSK, 16QAM, 64QAM and 256QAM modulations. It was found that QPSK results the highest, hence all testing was performed using QPSK modulations to represent the worst case.
5. For occupied bandwidth, frequency stability and conducted unwanted emission measurements, due to each single LTE Band standalone transmission generates higher power than the **Inter-band** transmissions, the test results are only demonstrated for each single LTE band standalone transmission in test report TERF2407002102ER as the worst case scenarios.
In addition, the radiated unwanted emissions of **inter-band** has been evaluated as no noticeable emissions, therefore, the conducted unwanted emissions was not tested.
6. For Band Edge and Emission Mask: The widest and narrowest BW combinations were tested. Combinations of same BW is considered equivalent. The RB combinations were selected as the signal activated closest to the band limit for determining the worst case scenario.
7. For Out of Band Emissions: The widest and narrowest RB combinations was tested to determine the worst case scenario with combinations generate higher emissions.
8. For peak to average ratio measurements, due to each single LTE Band standalone transmission generates higher power than the **Inter-band** transmissions, the test results are only demonstrated for each single LTE band standalone transmission in test report TERF2407002102ER as the worst case scenarios.

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4.2.1 Intra-Band

For uplink Intra-Band CA, evaluation has been done for contiguous and non-contiguous channel and bandwidth, configurations that generates highest output power in standalone transmission have been selected for the final test.

Test Items	Band	Test Channel			Bandwidth (MHz)							Modulation				RB #				
		L	M	H	10	15	20	25	30	35	40	QPSK	16QAM	64QAM	256QAM	Edge left + Edge right	Edge left + Edge left	Edge right + Edge right	Edge right + Edge left	Full
Max. Output Power	2C	v	v	v				v	v	v	v	v	v	v	v				v	v
	5B	v	v	v		v	v					v	v	v	v				v	v
	7C	v	v	v					v	v	v	v	v	v	v				v	v
	12B	v	v	v	v	v						v	v	v	v				v	v
	38C	v	v	v					v		v	v	v	v	v				v	v
	41C	v	v	v				v	v	v	v	v	v	v	v				v	v
	66B	v	v	v	v	v	v					v	v	v	v				v	v
	66C	v	v	v				v	v	v	v	v	v	v	v				v	v
Frequency Stability	2C		v								v	v								v
	5B		v				v					v								v
	7C		v								v	v								v
	12B		v			v						v								v
	38C		v								v	v								v
	41C		v								v	v								v
	66B		v				v					v								v
	66C		v								v	v								v
Test Items	Band	Test Channel			Bandwidth (MHz)							Modulation				RB #				
		L	M	H	10	15	20	25	30	35	40	QPSK	16QAM	64QAM	256QAM	Edge left + Edge right	Edge left + Edge left	Edge right + Edge right	Edge right + Edge left	Full
26dB and 99% Bandwidth	2C		v					v	v	v	v	v	v	v	v					v
	5B		v			v	v					v	v	v	v					v
	7C		v						v	v	v	v	v	v	v					v
	12B		v		v	v						v	v	v	v					v
	38C		v						v		v	v	v	v	v					v
	41C		v					v	v	v	v	v	v	v	v					v
	42C		v					v	v	v	v	v	v	v	v					v
	66B		v		v	v	v					v	v	v	v					v
Peak-to-Average Ratio	2C		v					v	v	v	v				v					v
	5B		v			v	v								v					v
	7C		v						v	v	v				v					v
	12B		v		v	v									v					v
	38C		v						v		v				v					v
	41C		v					v	v	v	v				v					v
	42C		v					v	v	v	v				v					v
	66B		v		v	v	v								v					v
Band Edge	2C			v							v	v								v
	5B			v								v								v
	12B			v		v						v								v
	66B			v			v					v								v
	66C			v				v			v	v								v
Test Items	Band	Test Channel			Bandwidth (MHz)							Modulation				RB #				
		L	M	H	10	15	20	25	30	35	40	QPSK	16QAM	64QAM	256QAM	Edge left + Edge right	Edge left + Edge left	Edge right + Edge right	Edge right + Edge left	Full
Mask	7C	v	v	v					v		v	v				v				v
	38C	v	v	v					v		v	v				v				v
	41C	v	v	v						v	v	v				v				v
Test Items	Band	Test Channel			Bandwidth (MHz)							Modulation				RB #				
		L	M	H	10	15	20	25	30	35	40	QPSK	16QAM	64QAM	256QAM	Edge left + Edge right	Edge left + Edge left	Edge right + Edge right	Edge right + Edge left	Full
Conducted Emission	2C	v	v	v					v		v	v								v
	5B	v	v	v			v					v								v
	12B	v	v	v		v						v								v
	7C	v	v	v					v		v	v								v
	38C	v	v	v					v		v	v								v
	41C	v	v	v						v	v	v								v
	66B	v	v	v			v					v								v
	66C	v	v	v				v				v	v							v

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Test Items	Band	Test Channel			Bandwidth (MHz)								Modulation				RB #				
		L	M	H	10	15	20	25	30	35	40	QPSK	16QAM	64QAM	256QAM	Edge left + Edge right	Edge left + Edge left	Edge right + Edge right	Edge right + Edge left	Full	
Radiated Emission	2C	v	v	v					v			v								v	
	5B	v	v	v			v					v								v	
	12B	v	v	v		v						v								v	
	7C	v	v	v					v			v								v	
	38C	v	v	v					v			v								v	
	41C	v	v	v						v		v								v	
	66B	v	v	v			v					v								v	
	66C	v	v	v				v				v								v	

4.2.2 Inter-Band

For uplink Inter-Band CA configurations, following configurations have been selected for the final test.

E-UTRA Band	Test Channel	Channel Bandwidth (MHz)	Modulation	Resource Block Allocation	
				RBs allocated	RB Offset
2A_4A	18700_20050	20_20	QPSK	1_1	0_0
2A_4A	18900_20175	20_20	QPSK	1_1	0_0
2A_4A	19100_20300	20_20	QPSK	1_1	0_0
2A_5A	18700_829	20_10	QPSK	1_1	0_0
2A_5A	18900_836.5	20_10	QPSK	1_1	0_0
2A_5A	19100_844	20_10	QPSK	1_1	0_0
2A_30A	18700_27685	20_5	QPSK	1_1	0_0
2A_30A	18900_27710	20_5	QPSK	1_1	0_0
2A_30A	19100_27735	20_5	QPSK	1_1	0_0
5A_7A	20450_20850	10_20	QPSK	1_1	0_0
5A_7A	20525_21100	10_20	QPSK	1_1	0_0
5A_7A	20600_21350	10_20	QPSK	1_1	0_0
5A_66A	20450_132072	10_20	QPSK	1_1	0_0
5A_66A	20525_132322	10_20	QPSK	1_1	0_0
5A_66A	20600_132572	10_20	QPSK	1_1	0_0

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5 MEASUREMENT UNCERTAINTY

Test Items	Uncertainty
RF Power Output	+/- 0.97 dB
ERP/ EIRP measurement	+/- 2.15 dB
	+/- 2.15 dB
Emission Bandwidth	+/- 1.38 Hz
Out of Band Emissions at Antenna Terminals and Band Edge	+/- 0.77 dB
Peak to Average Ratio	+/- 0.97 dB
Frequency Stability vs. Temperature	+/- 1.48 Hz
Frequency Stability vs. Voltage	+/- 1.48 Hz
Temperature	+/- 0.6 °C
Humidity	+/- 3 %
DC / AC Power Source	+/- 1 %

Radiated Spurious Emission Measurement Uncertainty			
Polarization: Vertical	+/-	1.89 dB	9kHz~30MHz
	+/-	4.15 dB	30MHz - 1000MHz
	+/-	3.43 dB	1GHz - 18GHz
	+/-	3.86 dB	18GHz - 40GHz
Polarization: Horizontal	+/-	1.89 dB	9kHz~30MHz
	+/-	4.02 dB	30MHz - 1000MHz
	+/-	3.43 dB	1GHz - 18GHz
	+/-	3.86 dB	18GHz - 40GHz
Radiated Spurious Emission	+/-	2 dB	33GHz-50GHz
	+/-	1.59 dB	50GHz-60GHz
	+/-	1.7 dB	60GHz-90GHz
	+/-	1.64 dB	90GHz-140GHz
	+/-	3.83 dB	140GHz-220GHz

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

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6 MEASUREMENT EQUIPMENT USED

6.1 Conducted Measurement

Conducted Emission Test Site: Conducted 3					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
4G High Pass Filter	WI	WHKX4.0	21	12/12/2023	12/11/2024
Attenuator	Mini-Circuits	BW-S10W2+	16	12/12/2023	12/11/2024
DC Block	Mini-Circuits	BLK-18-S+	11	12/12/2023	12/11/2024
DC Power Supply	Gwinstek	SPS-3610	GEV856733	12/04/2023	12/03/2024
EXA Spectrum Analyzer	KEYSIGHT	N9010A	MY57120290	04/10/2024	04/09/2025
EXA Spectrum Analyzer	KEYSIGHT	N9010B	MY59071571	06/04/2024	06/03/2025
PXA Spectrum Analyzer	Keysight	N9030B	MY61330494	03/22/2024	03/21/2025
Radio Communication Analyzer	Anritsu	MT8821C	6261786084	01/16/2024	01/15/2025
Splitter	Titan	T0510E2W118Q	22015158	12/12/2023	12/11/2024
Temperature Chamber	Giant Force	GTH-150-40-CP-AR	MAA0512-018	06/05/2024	06/04/2025
Test Software	SGS	Radio Test Software	Ver. 21	N.C.R	N.C.R

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6.2 Radiated Measurement

Radiated Emission Test Site: SAC 3					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
Attenuator	Mini-Circuits	BW-S10W2+	16	12/12/2023	12/11/2024
1G High Pass Filter	Micro-Tronics	HPM50108	32	12/12/2023	12/11/2024
2G High Pass Filter	Micro-Tronics	HPM50110	36	12/12/2023	12/11/2024
Band Reject Filter 800-1000	EWT	EWT-54-0037	M3R	12/12/2023	12/11/2024
Band Reject Filter 1700-2000	EWT	EWT-54-0038	M1	12/12/2023	12/11/2024
Band Reject Filter 2240-2700	WI	WRCJV2300/2700- 2240/2760-40/12SS	1	12/12/2023	12/11/2024
Coaxial Cables	Huber Suhner	SUCOFLEX 102+SUCOFLEX 106	TX Cable 30M-40G 23051/2+76096/6+2 2962/2	08/30/2024	08/29/2025
Coaxial Cables	EMCI+Huber Suhner	EMC107-SM-SM- 1000 +SUCOFLEX 104PEA +EMC107-SM-SM- 1500 +SUCOFLEX 106	RX Cable 9K-18G (221110+MY4251/4 PEA+221106+76096 /6)	08/30/2024	08/29/2025
Coaxial Cables	Huber Suhner	SUCOFLEX 102	RX Cable 18G-40G MY2630/2+805062/ 2	08/30/2024	08/29/2025
Radio Communication Analyzer	Anritsu	MT8821C	6262044670	08/23/2024	08/22/2025
EMI Test Receiver	R&S	ESCI 7	100759	08/28/2024	08/27/2025
EXA Spectrum Analyzer	KEYSIGHT	N9010B	MY63440386	02/06/2024	02/05/2025
Network Analyzer	R&S	ZNB 40	101842	05/16/2024	05/15/2025
Bi-log Antenna	SCHWARZBECK	VULB9168	378	08/09/2024	08/08/2025
Bi-log Antenna	SCHWARZBECK	VULB9168	1208	07/17/2024	07/16/2025
Horn Antenna	SCHWARZBECK	BBHA9120D	603	05/15/2024	05/14/2025
Horn Antenna	SCHWARZBECK	BBHA9170	184	12/28/2023	12/27/2024
Horn Antenna	RF SPIN	DRH0844	LE2D05A0844	07/10/2024	07/09/2025
Horn Antenna	SCHWARZBECK	BBHA9120D	1441	09/23/2024	09/22/2025
Pre-Amplifier	EMCI	EMC184045SEE	9080939	08/30/2024	08/29/2025
Pre-Amplifier	EMCI	EMC118A45SEE	980868	08/30/2024	08/29/2025
Pre-Amplifier	HP	8447D	2944A07676	08/30/2024	08/29/2025
Site Cal	SGS	SAC 3	N/A	08/30/2024	08/29/2025
Test Software	Audix	e3	Ver. 9.210616	N.C.R	N.C.R

Note: N.C.R refers to Not Calibrated Required.

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7 MAXIMUM OUTPUT POWER

7.1 Standard Applicable

A base station simulator was used to establish communication with the EUT. Its parameters were set to transmit the maximum power on the EUT. The measured power in the radio frequency on the transmitter output terminals.

7.1.1 ERP/EIRP LIMIT

According to FCC §2.1046

FCC 22.913(a)

(5) mobile transmitters and auxiliary test transmitters must not exceed 7 watts.

FCC 24.232(c)

Mobile and portable stations are limited to 2 W EIRP.

FCC 27.50(c)

(10) Portable stations (hand-held devices) are limited to 3 watts ERP.

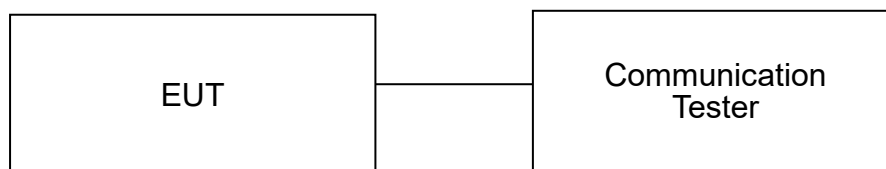
FCC 27.50(d)

(4) Mobile, and portable (hand-held) stations operating in the 1710-1755 MHz, 1695-1710 MHz and 1755-1780 MHz bands are limited to 1W EIRP.

FCC 27, 50(h)

(2) Mobile and other user stations transmitting in the BRS and EBS bands are limited to 2 W EIRP.

7.2 Test Set-up



Note: Measurement setup for testing on Antenna connector

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7.3 Output Power Measurement Applicable Guidance

The transmitter output was connected to a communication tester. Transmitter output was read off the communication tester in dBm. The power output at the transmitter antenna port was determined by the communication tester reading

The Procedure of KDB941225 (SAR Measurement Procedures for 3G devices, (WCDMA/HSPA) was used for EUT and Base station setting. RMC 12.2kps is used for this testing, and KDB 971168 D01 Power Meas License Digital System as the supplemental test methodology to adjust the proper setting obtaining the measurement results.

All LTE bands conducted average power is obtained from the simulator telecommunication test set.

7.4 Determining ERP and/or EIRP from conducted RF output power measurements

According to KDB 412172 D01 Power Approach,

$$EIRP = P_T + G_T - L_C,$$

$$ERP = EIRP - 2.15,$$

Where:

ERP or EIRP = effective radiated power or equivalent isotropically radiated power (expressed in the same units as P_T , typically dBW, dBm, or power spectral density (PSD)²), relative to either a dipole antenna (ERP) or an isotropic antenna (EIRP);

P_T = transmitter output power, expressed in dBW, dBm, or PSD;

G_T = gain of the transmitting antenna, in dBd (ERP) or dBi (EIRP);

L_C = signal attenuation in the connecting cable between the transmitter and antenna, in dB.

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7.5 LTE Measurement Results:

Part 24 _ EIRP Limit (W)			2		OUTPUT POWER FOR LTE BAND2C (5MHz + 20MHz)									
Antenna Gain			-0.2											
Bandwidth	PCC		SCC1		Modulation	PCC RB		SCC1 RB		Conducted Average (dBm)			EIRP Average	EIRP Average
	Earfcn	MHz	Earfcn	MHz		Size	Offset	Size	Offset	PCC	SCC1	Total	(dBm)	(W)
5MHz+ 20MHz	18633	1853.3	18750	1865.0	QPSK	1	24	1	0	20.72	23.75	23.75	23.55	0.226
						25	0	100	0	20.23	20.75	23.21	23.01	0.200
	18808	1870.8	18925	1882.5	QPSK	1	24	1	0	22.02	24.53	24.54	24.34	0.272
						25	0	100	0	20.46	20.12	23.01	22.81	0.191
	18983	1888.3	19100	1900.0	QPSK	1	24	1	0	20.57	23.07	23.08	22.88	0.194
						25	0	100	0	19.75	20.31	22.80	22.60	0.182
5MHz+ 20MHz	18633	1853.3	18750	1865.0	16QAM	1	24	1	0	20.05	23.04	23.04	22.84	0.192
						25	0	100	0	19.14	19.72	22.17	21.97	0.157
	18808	1870.8	18925	1882.5	16QAM	1	24	1	0	20.72	23.85	23.85	23.65	0.232
						25	0	100	0	19.08	19.60	22.09	21.89	0.155
	18983	1888.3	19100	1900.0	16QAM	1	24	1	0	19.57	22.57	22.57	22.37	0.173
						25	0	100	0	18.78	19.30	21.79	21.59	0.144
5MHz+ 20MHz	18633	1853.3	18750	1865.0	64QAM	1	24	1	0	17.86	20.82	20.82	20.62	0.115
						25	0	100	0	18.19	18.75	21.21	21.01	0.126
	18808	1870.8	18925	1882.5	64QAM	1	24	1	0	18.12	21.36	21.36	21.16	0.131
						25	0	100	0	18.10	18.61	21.12	20.92	0.124
	18983	1888.3	19100	1900.0	64QAM	1	24	1	0	17.35	20.30	20.31	20.11	0.103
						25	0	100	0	17.81	18.31	20.81	20.61	0.115
5MHz+ 20MHz	18633	1853.3	18750	1865.0	256QAM	1	24	1	0	16.69	19.62	19.62	19.42	0.087
						25	0	100	0	17.19	17.71	20.20	20.00	0.100
	18808	1870.8	18925	1882.5	256QAM	1	24	1	0	16.96	20.36	20.36	20.16	0.104
						25	0	100	0	17.20	17.72	20.23	20.03	0.101
	18983	1888.3	19100	1900.0	256QAM	1	24	1	0	15.97	19.01	19.01	18.81	0.076
						25	0	100	0	16.99	17.59	20.06	19.86	0.097

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Part 24 _ EIRP Limit (W)	2
Antenna Gain	-0.2

OUTPUT POWER FOR LTE BAND 2C (10MHz + 15MHz)

Bandwidth	PCC		SCC1		Modulation	PCC RB		SCC1 RB		Conducted Average (dBm)			EIRP Average (dBm)	EIRP Average (W)
	Earfcn	MHz	Earfcn	MHz		Size	Offset	Size	Offset	PCC	SCC1	Total		
10MHz+15MHz	18653	1855.3	18773	1867.3	QPSK	1	49	1	0	20.30	20.47	23.30	23.10	0.204
						50	0	75	0	19.90	19.69	22.80	22.60	0.182
	18829	1872.9	18949	1884.9	QPSK	1	49	1	0	21.83	21.92	24.81	24.61	0.289
						50	0	75	0	20.16	20.18	23.18	22.98	0.199
	19005	1890.5	19125	1902.5	QPSK	1	49	1	0	20.10	20.31	23.12	22.92	0.196
						50	0	75	0	19.88	19.78	22.84	22.64	0.184
10MHz+15MHz	18653	1855.3	18773	1867.3	16QAM	1	49	1	0	19.57	19.85	22.63	22.43	0.175
						50	0	75	0	18.15	19.22	21.73	21.53	0.142
	18829	1872.9	18949	1884.9	16QAM	1	49	1	0	20.54	21.26	23.86	23.66	0.232
						50	0	75	0	19.18	19.14	22.17	21.97	0.157
	19005	1890.5	19125	1902.5	16QAM	1	49	1	0	19.07	19.85	22.38	22.18	0.165
						50	0	75	0	18.68	18.74	21.72	21.52	0.142
10MHz+15MHz	18653	1855.3	18773	1867.3	64QAM	1	49	1	0	17.12	17.17	20.04	19.84	0.096
						50	0	75	0	17.16	18.16	20.70	20.50	0.112
	18829	1872.9	18949	1884.9	64QAM	1	49	1	0	17.76	18.35	20.97	20.77	0.119
						50	0	75	0	18.43	18.35	21.40	21.20	0.132
	19005	1890.5	19125	1902.5	64QAM	1	49	1	0	16.92	17.52	20.16	19.96	0.099
						50	0	75	0	7.75	17.70	20.74	20.54	0.113
10MHz+15MHz	18653	1855.3	18773	1867.3	256QAM	1	49	1	0	16.19	16.34	19.17	18.97	0.079
						50	0	75	0	16.26	17.14	19.73	19.53	0.090
	18829	1872.9	18949	1884.9	256QAM	1	49	1	0	16.74	17.14	19.88	19.68	0.093
						50	0	75	0	17.30	17.26	20.29	20.09	0.102
	19005	1890.5	19125	1902.5	256QAM	1	49	1	0	16.00	16.50	19.18	18.98	0.079
						50	0	75	0	16.78	16.85	19.82	19.62	0.092

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Part 24 _ EIRP Limit (W)			2		OUTPUT POWER FOR LTE BAND2C (15MHz + 10MHz)									
Antenna Gain			-0.2											
Bandwidth	PCC		SCC1		Modulation	PCC RB		SCC1 RB		Conducted Average (dBm)			EIRP Average	EIRP Average
	Earfcn	MHz	Earfcn	MHz		Size	Offset	Size	Offset	PCC	SCC1	Total	(dBm)	(W)
15MHz+ 10MHz	18675	1857.5	18795	1869.5	QPSK	1	74	1	0	20.68	19.46	23.05	22.85	0.193
						75	0	50	0	19.87	19.42	22.66	22.46	0.176
	18851	1875.1	18971	1887.1	QPSK	1	74	1	0	21.78	21.75	24.72	24.52	0.283
						75	0	50	0	20.18	20.08	23.14	22.94	0.197
	19027	1892.7	19147	1904.7	QPSK	1	74	1	0	20.52	20.50	23.45	23.25	0.211
						75	0	50	0	20.06	19.97	23.02	22.82	0.191
15MHz+ 10MHz	18675	1857.5	18795	1869.5	16QAM	1	74	1	0	19.67	19.57	22.55	22.35	0.172
						75	0	50	0	18.64	18.45	21.56	21.36	0.137
	18851	1875.1	18971	1887.1	16QAM	1	74	1	0	20.63	20.25	23.36	23.16	0.207
						75	0	50	0	19.14	19.13	22.14	21.94	0.156
	19027	1892.7	19147	1904.7	16QAM	1	74	1	0	19.87	20.05	22.90	22.70	0.186
						75	0	50	0	18.93	18.87	21.91	21.71	0.148
15MHz+ 10MHz	18675	1857.5	18795	1869.5	64QAM	1	74	1	0	17.28	17.36	20.23	20.03	0.101
						75	0	50	0	17.71	17.59	20.66	20.46	0.111
	18851	1875.1	18971	1887.1	64QAM	1	74	1	0	17.69	17.62	20.58	20.38	0.109
						75	0	50	0	18.30	18.34	21.33	21.13	0.130
	19027	1892.7	19147	1904.7	64QAM	1	74	1	0	17.46	17.75	20.52	20.32	0.108
						75	0	50	0	17.42	18.52	21.01	20.81	0.121
15MHz+ 10MHz	18675	1857.5	18795	1869.5	256QAM	1	74	1	0	16.58	16.25	19.34	19.14	0.082
						75	0	50	0	17.19	16.14	19.71	19.51	0.089
	18851	1875.1	18971	1887.1	256QAM	1	74	1	0	16.88	16.41	19.61	19.41	0.087
						75	0	50	0	17.20	17.15	20.19	19.99	0.100
	19027	1892.7	19147	1904.7	256QAM	1	74	1	0	16.86	16.48	19.61	19.41	0.087
						75	0	50	0	17.08	17.09	20.10	19.90	0.098

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Part 24 _ EIRP Limit (W)			2		OUTPUT POWER FOR LTE BAND 2C (20MHz + 5MHz)									
Antenna Gain			-0.2											
Bandwidth	PCC		SCC1		Modulation	PCC RB		SCC1 RB		Conducted Average (dBm)			EIRP Average	EIRP Average
	Earfcn	MHz	Earfcn	MHz		Size	Offset	Size	Offset	PCC	SCC1	Total	(dBm)	(W)
20MHz+ 5MHz	18700	1860.0	18817	1871.7	QPSK	1	99	1	0	23.66	20.66	23.68	23.48	0.223
						100	0	25	0	20.15	19.64	22.67	22.47	0.177
	18875	1877.5	18992	1889.2	QPSK	1	99	1	0	23.75	20.77	23.76	23.56	0.227
						100	0	25	0	20.40	19.96	22.94	22.74	0.188
	19050	1895.0	19167	1906.7	QPSK	1	99	1	0	24.91	22.39	24.93	24.73	0.297
						100	0	25	0	20.90	20.36	23.39	23.19	0.208
20MHz+ 5MHz	18700	1860.0	18817	1871.7	16QAM	1	99	1	0	23.18	20.08	23.18	22.98	0.199
						100	0	25	0	19.54	18.11	21.68	21.48	0.141
	18875	1877.5	18992	1889.2	16QAM	1	99	1	0	23.86	20.68	23.87	23.67	0.233
						100	0	25	0	19.30	18.83	21.82	21.62	0.145
	19050	1895.0	19167	1906.7	16QAM	1	99	1	0	23.69	20.65	23.70	23.50	0.224
						100	0	25	0	19.68	19.15	22.20	22.00	0.158
20MHz+ 5MHz	18700	1860.0	18817	1871.7	64QAM	1	99	1	0	20.87	17.69	20.87	20.67	0.117
						100	0	25	0	18.30	17.75	20.78	20.58	0.114
	18875	1877.5	18992	1889.2	64QAM	1	99	1	0	21.61	18.91	21.62	21.42	0.139
						100	0	25	0	18.49	17.88	20.95	20.75	0.119
	19050	1895.0	19167	1906.7	64QAM	1	99	1	0	20.64	17.84	20.64	20.44	0.111
						100	0	25	0	18.90	18.23	21.34	21.14	0.130
20MHz+ 5MHz	18700	1860.0	18817	1871.7	256QAM	1	99	1	0	19.92	16.87	19.92	19.72	0.094
						100	0	25	0	17.39	16.74	19.82	19.62	0.092
	18875	1877.5	18992	1889.2	256QAM	1	99	1	0	20.52	17.52	20.52	20.32	0.108
						100	0	25	0	17.45	16.96	19.97	19.77	0.095
	19050	1895.0	19167	1906.7	256QAM	1	99	1	0	19.74	16.91	19.74	19.54	0.090
						100	0	25	0	17.93	17.43	20.46	20.26	0.106

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Part 24 _ EIRP Limit (W)	2
Antenna Gain	-0.2

OUTPUT POWER FOR LTE BAND 2C (10MHz + 20MHz)

Bandwidth	PCC		SCC1		Modulation	PCC RB		SCC1 RB		Conducted Average (dBm)			EIRP Average (dBm)	EIRP Average (W)
	Earfcn	MHz	Earfcn	MHz		Size	Offset	Size	Offset	PCC	SCC1	Total		
10MHz+20MHz	18655	1855.5	18799	1869.9	QPSK	1	49	1	0	20.45	22.55	23.44	23.24	0.211
						50	0	100	0	20.05	20.08	23.05	22.85	0.193
	18806	1870.6	18950	1885.0	QPSK	1	49	1	0	21.99	24.12	25.02	24.82	0.303
						50	0	100	0	20.03	20.04	23.02	22.82	0.191
	18956	1885.6	19100	1900.0	QPSK	1	49	1	0	20.63	22.74	23.71	23.51	0.224
						50	0	100	0	20.02	20.08	23.03	22.83	0.192
10MHz+20MHz	18655	1855.5	18799	1869.9	16QAM	1	49	1	0	19.74	21.70	22.74	22.54	0.179
						50	0	100	0	19.06	19.02	22.02	21.82	0.152
	18806	1870.6	18950	1885.0	16QAM	1	49	1	0	21.12	23.61	24.52	24.32	0.270
						50	0	100	0	19.50	18.50	22.01	21.81	0.152
	18956	1885.6	19100	1900.0	16QAM	1	49	1	0	19.96	21.68	22.73	22.53	0.179
						50	0	100	0	18.97	19.10	22.02	21.82	0.152
10MHz+20MHz	18655	1855.5	18799	1869.9	64QAM	1	49	1	0	17.64	19.14	20.16	19.96	0.099
						50	0	100	0	17.61	18.54	21.08	20.88	0.122
	18806	1870.6	18950	1885.0	64QAM	1	49	1	0	19.34	20.87	22.10	21.90	0.155
						50	0	100	0	18.06	18.05	21.04	20.84	0.121
	18956	1885.6	19100	1900.0	64QAM	1	49	1	0	17.43	19.07	20.30	20.10	0.102
						50	0	100	0	18.44	17.57	21.01	20.81	0.121
10MHz+20MHz	18655	1855.5	18799	1869.9	256QAM	1	49	1	0	16.40	18.38	19.35	19.15	0.082
						50	0	100	0	17.13	17.02	20.05	19.85	0.097
	18806	1870.6	18950	1885.0	256QAM	1	49	1	0	17.01	19.57	20.46	20.26	0.106
						50	0	100	0	16.91	16.98	19.93	19.73	0.094
	18956	1885.6	19100	1900.0	256QAM	1	49	1	0	16.83	18.36	19.51	19.31	0.085
						50	0	100	0	17.12	17.22	20.16	19.96	0.099

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Part 24 _ EIRP Limit (W)			2		OUTPUT POWER FOR LTE BAND 2C (15MHz + 15MHz)									
Antenna Gain			-0.2											
Bandwidth	PCC		SCC1		Modulation	PCC RB		SCC1 RB		Conducted Average (dBm)			EIRP Average	EIRP Average
	Earfcn	MHz	Earfcn	MHz		Size	Offset	Size	Offset	PCC	SCC1	Total	(dBm)	(W)
15MHz+15MHz	18675	1857.5	18825	1872.5	QPSK	1	74	1	0	20.29	20.28	23.29	23.09	0.204
						75	0	75	0	19.97	19.95	22.97	22.77	0.189
	18825	1872.5	18975	1887.5	QPSK	1	74	1	0	22.05	22.00	25.03	24.83	0.304
						75	0	75	0	19.91	19.96	22.95	22.75	0.188
	18975	1887.5	19125	1902.5	QPSK	1	74	1	0	20.06	20.18	23.13	22.93	0.196
						75	0	75	0	20.17	20.18	23.18	22.98	0.199
15MHz+15MHz	18675	1857.5	18825	1872.5	16QAM	1	74	1	0	19.94	19.10	22.55	22.35	0.172
						75	0	75	0	18.99	18.86	21.93	21.73	0.149
	18825	1872.5	18975	1887.5	16QAM	1	74	1	0	20.92	21.05	24.00	23.80	0.240
						75	0	75	0	18.94	18.91	21.94	21.74	0.149
	18975	1887.5	19125	1902.5	16QAM	1	74	1	0	16.84	16.48	19.67	19.47	0.089
						75	0	75	0	18.96	19.01	22.00	21.80	0.151
15MHz+15MHz	18675	1857.5	18825	1872.5	64QAM	1	74	1	0	17.19	17.12	20.17	19.97	0.099
						75	0	75	0	17.50	18.51	21.05	20.85	0.122
	18825	1872.5	18975	1887.5	64QAM	1	74	1	0	18.32	18.12	21.23	21.03	0.127
						75	0	75	0	18.03	18.03	21.04	20.84	0.121
	18975	1887.5	19125	1902.5	64QAM	1	74	1	0	16.49	16.92	19.72	19.52	0.090
						75	0	75	0	17.41	18.48	20.99	20.79	0.120
15MHz+15MHz	18675	1857.5	18825	1872.5	256QAM	1	74	1	0	15.86	16.74	19.33	19.13	0.082
						75	0	75	0	17.11	17.00	20.06	19.86	0.097
	18825	1872.5	18975	1887.5	256QAM	1	74	1	0	17.04	17.48	20.28	20.08	0.102
						75	0	75	0	17.07	17.05	20.07	19.87	0.097
	18975	1887.5	19125	1902.5	256QAM	1	74	1	0	15.83	15.68	18.77	18.57	0.072
						75	0	75	0	17.08	17.10	20.10	19.90	0.098

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Part 24 _ EIRP Limit (W)	2
Antenna Gain	-0.2

OUTPUT POWER FOR LTE BAND 2C (20MHz + 10MHz)

Bandwidth	PCC		SCC1		Modulation	PCC RB		SCC1 RB		Conducted Average (dBm)			EIRP Average (dBm)	EIRP Average (W)
	Earfcn	MHz	Earfcn	MHz		Size	Offset	Size	Offset	PCC	SCC1	Total		
20MHz+10MHz	18700	1860.0	18844	1874.4	QPSK	1	99	1	0	22.54	20.65	23.68	23.48	0.223
						100	0	50	0	20.16	20.00	23.06	22.86	0.193
	18851	1875.1	18995	1889.5	QPSK	1	99	1	0	23.40	21.40	24.42	24.22	0.264
						100	0	50	0	20.01	19.89	22.94	22.74	0.188
	19001	1890.1	19145	1904.5	QPSK	1	99	1	0	22.19	20.46	23.48	23.28	0.213
						100	0	50	0	20.23	20.20	23.20	23.00	0.200
20MHz+10MHz	18700	1860.0	18844	1874.4	16QAM	1	99	1	0	22.07	20.30	23.15	22.95	0.197
						100	0	50	0	19.11	19.18	22.13	21.93	0.156
	18851	1875.1	18995	1889.5	16QAM	1	99	1	0	21.84	19.56	22.77	22.57	0.181
						100	0	50	0	19.46	18.38	21.94	21.74	0.149
	19001	1890.1	19145	1904.5	16QAM	1	99	1	0	21.93	19.94	22.92	22.72	0.187
						100	0	50	0	19.11	19.17	22.13	21.93	0.156
20MHz+10MHz	18700	1860.0	18844	1874.4	64QAM	1	99	1	0	19.52	17.88	20.67	20.47	0.111
						100	0	50	0	18.17	18.09	21.12	20.92	0.124
	18851	1875.1	18995	1889.5	64QAM	1	99	1	0	19.20	17.16	20.15	19.95	0.099
						100	0	50	0	18.00	17.88	20.93	20.73	0.118
	19001	1890.1	19145	1904.5	64QAM	1	99	1	0	19.52	17.58	20.53	20.33	0.108
						100	0	50	0	18.22	18.12	21.16	20.96	0.125
20MHz+10MHz	18700	1860.0	18844	1874.4	256QAM	1	99	1	0	19.11	16.72	19.89	19.69	0.093
						100	0	50	0	17.32	17.22	20.25	20.05	0.101
	18851	1875.1	18995	1889.5	256QAM	1	99	1	0	18.13	16.31	19.16	18.96	0.079
						100	0	50	0	17.00	16.98	19.98	19.78	0.095
	19001	1890.1	19145	1904.5	256QAM	1	99	1	0	18.81	16.63	19.80	19.60	0.091
						100	0	50	0	17.16	17.24	20.19	19.99	0.100

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Part 24 _ EIRP Limit (W)			2		OUTPUT POWER FOR LTE BAND 2C (15MHz + 20MHz)									
Antenna Gain			-0.2											
Bandwidth	PCC		SCC1		Modulation	PCC RB		SCC1 RB		Conducted Average (dBm)			EIRP Average	EIRP Average
	Earfcn	MHz	Earfcn	MHz		Size	Offset	Size	Offset	PCC	SCC1	Total	(dBm)	(W)
15MHz+20MHz	18678	1857.8	18849	1874.9	QPSK	1	74	1	0	20.26	20.23	23.26	23.06	0.202
						75	0	100	0	19.93	19.97	22.96	22.76	0.189
	18803	1870.3	18974	1887.4	QPSK	1	74	1	0	21.97	22.06	25.02	24.82	0.303
						75	0	100	0	19.79	19.79	22.80	22.60	0.182
	18929	1882.9	19100	1900.0	QPSK	1	74	1	0	21.05	19.99	23.57	23.37	0.217
						75	0	100	0	19.98	20.08	23.04	22.84	0.192
15MHz+20MHz	18678	1857.8	18849	1874.9	16QAM	1	74	1	0	21.15	19.89	23.57	23.37	0.217
						75	0	100	0	19.11	19.10	22.11	21.91	0.155
	18803	1870.3	18974	1887.4	16QAM	1	74	1	0	20.92	21.72	24.35	24.15	0.260
						75	0	100	0	18.79	18.80	21.81	21.61	0.145
	18929	1882.9	19100	1900.0	16QAM	1	74	1	0	20.26	21.16	23.74	23.54	0.226
						75	0	100	0	18.97	19.12	22.06	21.86	0.153
15MHz+20MHz	18678	1857.8	18849	1874.9	64QAM	1	74	1	0	18.73	18.07	21.42	21.22	0.132
						75	0	100	0	17.74	18.63	21.22	21.02	0.126
	18803	1870.3	18974	1887.4	64QAM	1	74	1	0	19.05	19.35	22.21	22.01	0.159
						75	0	100	0	18.25	17.33	20.83	20.63	0.116
	18929	1882.9	19100	1900.0	64QAM	1	74	1	0	18.75	18.63	21.70	21.50	0.141
						75	0	100	0	17.67	18.61	21.18	20.98	0.125
15MHz+20MHz	18678	1857.8	18849	1874.9	256QAM	1	74	1	0	17.19	17.73	20.48	20.28	0.107
						75	0	100	0	17.13	17.12	20.14	19.94	0.099
	18803	1870.3	18974	1887.4	256QAM	1	74	1	0	18.33	15.92	20.30	20.10	0.102
						75	0	100	0	16.81	16.85	19.84	19.64	0.092
	18929	1882.9	19100	1900.0	256QAM	1	74	1	0	17.33	17.60	20.47	20.27	0.106
						75	0	100	0	17.15	17.29	20.23	20.03	0.101

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Part 24 _ EIRP Limit (W)			2		OUTPUT POWER FOR LTE BAND 2C (20MHz + 15MHz)									
Antenna Gain			-0.2											
Bandwidth	PCC		SCC1		Modulation	PCC RB		SCC1 RB		Conducted Average (dBm)			EIRP Average	EIRP Average
	Earfcn	MHz	Earfcn	MHz		Size	Offset	Size	Offset	PCC	SCC1	Total	(dBm)	(W)
20MHz+ 15MHz	18700	1860.0	18871	1877.1	QPSK	1	99	1	0	20.87	20.93	23.91	23.71	0.235
						100	0	75	0	20.75	19.67	23.25	23.05	0.202
	18826	1872.6	18997	1889.7	QPSK	1	99	1	0	21.41	22.50	25.00	24.80	0.302
						100	0	75	0	19.91	19.87	22.90	22.70	0.186
	18951	1885.1	19122	1902.2	QPSK	1	99	1	0	20.14	20.14	23.15	22.95	0.197
						100	0	75	0	20.06	20.19	23.13	22.93	0.196
20MHz+ 15MHz	18700	1860.0	18871	1877.1	16QAM	1	99	1	0	20.28	19.86	23.08	22.88	0.194
						100	0	75	0	19.13	19.17	22.16	21.96	0.157
	18826	1872.6	18997	1889.7	16QAM	1	99	1	0	21.58	20.39	24.03	23.83	0.242
						100	0	75	0	18.75	18.83	21.80	21.60	0.145
	18951	1885.1	19122	1902.2	16QAM	1	99	1	0	19.48	19.30	22.40	22.20	0.166
						100	0	75	0	19.03	19.19	22.12	21.92	0.156
20MHz+ 15MHz	18700	1860.0	18871	1877.1	64QAM	1	99	1	0	17.05	18.27	20.71	20.51	0.112
						100	0	75	0	18.17	18.19	21.19	20.99	0.126
	18826	1872.6	18997	1889.7	64QAM	1	99	1	0	18.45	18.32	21.40	21.20	0.132
						100	0	75	0	18.37	17.40	20.92	20.72	0.118
	18951	1885.1	19122	1902.2	64QAM	1	99	1	0	16.82	16.83	19.83	19.63	0.092
						100	0	75	0	17.54	18.63	21.13	20.93	0.124
20MHz+ 15MHz	18700	1860.0	18871	1877.1	256QAM	1	99	1	0	16.65	16.90	19.79	19.59	0.091
						100	0	75	0	17.19	17.22	20.21	20.01	0.100
	18826	1872.6	18997	1889.7	256QAM	1	99	1	0	17.38	17.19	20.30	20.10	0.102
						100	0	75	0	16.93	16.92	19.94	19.74	0.094
	18951	1885.1	19122	1902.2	256QAM	1	99	1	0	16.35	15.68	19.04	18.84	0.077
						100	0	75	0	17.02	17.17	20.11	19.91	0.098

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Part 24 _ EIRP Limit (W)	2
Antenna Gain	-0.2

OUTPUT POWER FOR LTE BAND 2C (20MHz + 20MHz)

Bandwidth	PCC		SCC1		Modulation	PCC RB		SCC1 RB		Conducted Average (dBm)			EIRP Average (dBm)	EIRP Average (W)
	Earfcn	MHz	Earfcn	MHz		Size	Offset	Size	Offset	PCC	SCC1	Total		
20MHz+20MHz	18700	1860.0	18898	1879.8	QPSK	1	99	1	0	21.34	20.34	23.88	23.68	0.233
						100	0	100	0	20.04	20.00	23.03	22.83	0.192
	18801	1870.1	18999	1889.9	QPSK	1	99	1	0	21.11	22.11	24.65	24.45	0.279
						100	0	100	0	19.80	19.82	22.82	22.62	0.183
	18902	1880.2	19100	1900.0	QPSK	1	99	1	0	21.15	20.09	23.66	23.46	0.222
						100	0	100	0	20.04	20.16	23.11	22.91	0.195
20MHz+20MHz	18700	1860.0	18898	1879.8	16QAM	1	99	1	0	19.72	20.47	23.12	22.92	0.196
						100	0	100	0	19.15	19.09	22.13	21.93	0.156
	18801	1870.1	18999	1889.9	16QAM	1	99	1	0	21.30	20.84	24.09	23.89	0.245
						100	0	100	0	18.78	18.91	21.85	21.65	0.146
	18902	1880.2	19100	1900.0	16QAM	1	99	1	0	20.20	19.95	23.09	22.89	0.195
						100	0	100	0	19.10	19.30	22.21	22.01	0.159
20MHz+20MHz	18700	1860.0	18898	1879.8	64QAM	1	99	1	0	17.81	18.08	20.96	20.76	0.119
						100	0	100	0	18.23	18.19	21.22	21.02	0.126
	18801	1870.1	18999	1889.9	64QAM	1	99	1	0	18.01	18.33	21.19	20.99	0.126
						100	0	100	0	17.32	18.45	20.93	20.73	0.118
	18902	1880.2	19100	1900.0	64QAM	1	99	1	0	17.90	17.69	20.80	20.60	0.115
						100	0	100	0	18.17	18.30	21.25	21.05	0.127
20MHz+20MHz	18700	1860.0	18898	1879.8	256QAM	1	99	1	0	16.97	17.00	20.00	19.80	0.095
						100	0	100	0	17.19	17.20	20.21	20.01	0.100
	18801	1870.1	18999	1889.9	256QAM	1	99	1	0	17.12	17.09	20.12	19.92	0.098
						100	0	100	0	17.07	16.99	20.04	19.84	0.096
	18902	1880.2	19100	1900.0	256QAM	1	99	1	0	17.14	16.95	20.06	19.86	0.097
						100	0	100	0	17.67	16.75	20.24	20.04	0.101

Part 22 / RSS 132_ ERP Limit (W)	7
Antenna Gain	-2.4

OUTPUT POWER FOR LTE BAND 5B (5MHz + 10MHz)

Bandwidth	PCC		SCC1		Modulation	PCC RB		SCC1 RB		Conducted Average (dBm)			EIRP Average (dBm)	ERP Average (dBm)	ERP Average (W)
	Earfcn	MHz	Earfcn	MHz		Size	Offset	Size	Offset	PCC	SCC1	Total			
5MHz+10MHz	20428	826.8	20500	834.0	QPSK	1	24	1	0	21.93	23.24	24.93	22.53	20.38	0.109
						25	0	50	0	20.23	20.19	23.19	20.79	18.64	0.073
	20478	831.8	20550	839.0	QPSK	1	24	1	0	21.96	22.93	24.94	22.54	20.39	0.109
						25	0	50	0	20.20	20.12	23.14	20.74	18.59	0.072
	20528	836.8	20600	844.0	QPSK	1	24	1	0	21.35	23.31	24.95	22.55	20.40	0.110
						25	0	50	0	20.23	20.19	23.20	20.80	18.65	0.073
5MHz+10MHz	20428	826.8	20500	834.0	16QAM	1	24	1	0	21.55	22.97	24.73	22.33	20.18	0.104
						25	0	50	0	19.22	19.16	22.16	19.76	17.61	0.058
	20478	831.8	20550	839.0	16QAM	1	24	1	0	20.94	22.53	24.31	21.91	19.76	0.095
						25	0	50	0	19.28	19.24	22.25	19.85	17.70	0.059
	20528	836.8	20600	844.0	16QAM	1	24	1	0	21.59	22.19	24.34	21.94	19.79	0.095
						25	0	50	0	19.27	19.24	22.23	19.83	17.68	0.059
5MHz+10MHz	20428	826.8	20500	834.0	64QAM	1	24	1	0	19.41	19.95	22.16	19.76	17.61	0.058
						25	0	50	0	18.97	18.87	21.90	19.50	17.35	0.054
	20478	831.8	20550	839.0	64QAM	1	24	1	0	18.95	20.08	21.88	19.48	17.33	0.054
						25	0	50	0	19.08	18.97	22.01	19.61	17.46	0.056
	20528	836.8	20600	844.0	64QAM	1	24	1	0	19.56	20.26	2.23	-0.17	-2.32	0.001
						25	0	50	0	18.92	18.97	21.93	19.53	17.38	0.055
5MHz+10MHz	20428	826.8	20500	834.0	256QAM	1	24	1	0	17.38	18.22	20.27	17.87	15.72	0.037
						25	0	50	0	17.30	17.28	20.27	17.87	15.72	0.037
	20478	831.8	20550	839.0	256QAM	1	24	1	0	17.48	18.19	20.19	17.79	15.64	0.037
						25	0	50	0	17.30	17.15	20.21	17.81	15.66	0.037
	20528	836.8	20600	844.0	256QAM	1	24	1	0	17.28	18.60	20.34	17.94	15.79	0.038
						25	0	50	0	17.26	17.21	20.23	17.83	15.68	0.037

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Part 22 / RSS 132_ ERP Limit (W)			7		OUTPUT POWER FOR LTE BAND 5B (10MHz + 5MHz)										
Antenna Gain			-2.4												
Bandwidth	PCC		SCC1		Modulation	PCC RB		SCC1 RB		Conducted Average (dBm)			EIRP Average	ERP Average	ERP Average
	Earfcn	MHz	Earfcn	MHz		Size	Offset	Size	Offset	PCC	SCC1	Total	(dBm)	(dBm)	(W)
10MHz+ 5MHz	20450	829.0	20522	836.2	QPSK	1	49	1	0	22.98	21.90	24.91	22.51	20.36	0.109
						50	0	25	0	20.28	20.17	23.21	20.81	18.66	0.073
	20500	834.0	20572	841.2	QPSK	1	49	1	0	22.73	22.45	24.95	22.55	20.40	0.110
						50	0	25	0	20.19	20.12	23.14	20.74	18.59	0.072
	20550	839.0	20622	846.2	QPSK	1	49	1	0	23.09	21.17	24.73	22.33	20.18	0.104
						50	0	25	0	20.28	20.16	23.21	20.81	18.66	0.073
10MHz+ 5MHz	20450	829.0	20522	836.2	16QAM	1	49	1	0	22.69	21.33	24.40	22.00	19.85	0.097
						50	0	25	0	19.29	19.20	22.23	19.83	17.68	0.059
	20500	834.0	20572	841.2	16QAM	1	49	1	0	22.06	21.35	24.13	21.73	19.58	0.091
						50	0	25	0	19.36	19.14	22.24	19.84	17.69	0.059
	20550	839.0	20622	846.2	16QAM	1	49	1	0	21.90	21.35	24.14	21.74	19.59	0.091
						50	0	25	0	19.22	19.10	22.14	19.74	17.59	0.057
10MHz+ 5MHz	20450	829.0	20522	836.2	64QAM	1	49	1	0	20.17	18.72	21.92	19.52	17.37	0.055
						50	0	25	0	18.92	18.85	21.88	19.48	17.33	0.054
	20500	834.0	20572	841.2	64QAM	1	49	1	0	20.05	18.94	21.98	19.58	17.43	0.055
						50	0	25	0	19.02	18.99	21.99	19.59	17.44	0.055
	20550	839.0	20622	846.2	64QAM	1	49	1	0	19.56	18.27	21.29	18.89	16.74	0.047
						50	0	25	0	20.01	17.83	22.04	19.64	17.49	0.056
10MHz+ 5MHz	20450	829.0	20522	836.2	256QAM	1	49	1	0	18.59	17.34	20.41	18.01	15.86	0.039
						50	0	25	0	17.33	17.23	20.27	17.87	15.72	0.037
	20500	834.0	20572	841.2	256QAM	1	49	1	0	18.00	17.25	20.20	17.80	15.65	0.037
						50	0	25	0	17.25	17.07	20.14	17.74	15.59	0.036
	20550	839.0	20622	846.2	256QAM	1	49	1	0	18.05	17.31	20.17	17.77	15.62	0.036
						50	0	25	0	17.30	17.16	20.21	17.81	15.66	0.037
Part 22 / RSS 132_ ERP Limit (W)			7		OUTPUT POWER FOR LTE BAND 5B (10MHz + 10MHz)										
Antenna Gain			-2.4												
Bandwidth	PCC		SCC1		Modulation	PCC RB		SCC1 RB		Conducted Average (dBm)			EIRP Average	ERP Average	ERP Average
	Earfcn	MHz	Earfcn	MHz		Size	Offset	Size	Offset	PCC	SCC1	Total	(dBm)	(dBm)	(W)
10MHz+ 10MHz	20450	829.0	20549	838.9	QPSK	1	49	1	0	22.20	22.16	25.19	22.79	20.64	0.116
						50	0	50	0	20.22	20.12	23.18	20.78	18.63	0.073
	20476	831.6	20575	841.5	QPSK	1	49	1	0	22.29	22.30	25.31	22.91	20.76	0.119
						50	0	50	0	20.17	20.12	23.16	20.76	18.61	0.073
	20501	834.1	20600	844.0	QPSK	1	49	1	0	22.12	22.11	25.13	22.73	20.58	0.114
						50	0	50	0	20.22	20.07	23.16	20.76	18.61	0.073
10MHz+ 10MHz	20450	829.0	20549	838.9	16QAM	1	49	1	0	21.42	20.88	24.17	21.77	19.62	0.092
						50	0	50	0	19.02	18.91	21.98	19.58	17.43	0.055
	20476	831.6	20575	841.5	16QAM	1	49	1	0	21.29	21.26	24.28	21.88	19.73	0.094
						50	0	50	0	18.98	18.87	21.93	19.53	17.38	0.055
	20501	834.1	20600	844.0	16QAM	1	49	1	0	21.24	20.85	24.06	21.66	19.51	0.089
						50	0	50	0	18.96	18.86	21.92	19.52	17.37	0.055
10MHz+ 10MHz	20450	829.0	20549	838.9	64QAM	1	49	1	0	19.06	18.82	21.95	19.55	17.40	0.055
						50	0	50	0	19.08	18.06	21.61	19.21	17.06	0.051
	20476	831.6	20575	841.5	64QAM	1	49	1	0	18.45	19.01	21.75	19.35	17.20	0.052
						50	0	50	0	18.57	18.49	21.54	19.14	16.99	0.050
	20501	834.1	20600	844.0	64QAM	1	49	1	0	19.04	18.88	21.97	19.57	17.42	0.055
						50	0	50	0	18.62	18.47	21.56	19.16	17.01	0.050
10MHz+ 10MHz	20450	829.0	20549	838.9	256QAM	1	49	1	0	17.97	17.05	20.55	18.15	16.00	0.040
						50	0	50	0	17.01	16.89	19.96	17.56	15.41	0.035
	20476	831.6	20575	841.5	256QAM	1	49	1	0	17.16	17.13	20.16	17.76	15.61	0.036
						50	0	50	0	16.98	16.87	19.94	17.54	15.39	0.035
	20501	834.1	20600	844.0	256QAM	1	49	1	0	17.28	16.87	20.09	17.69	15.54	0.036
						50	0	50	0	16.99	16.88	19.95	17.55	15.40	0.035

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Part 27 / RSS 199_EIRP Limit (W)	2
Antenna Gain	-1.1

OUTPUT POWER FOR LTE BAND 7C (10MHz + 20MHz)

Bandwidth	PCC		SCC1		Modulation	PCC RB		SCC1 RB		Conducted Average (dBm)			EIRP Average (dBm)	EIRP Average (W)
	Earfcn	MHz	Earfcn	MHz		Size	Offset	Size	Offset	PCC	SCC1	Total		
10MHz+20MHz	20805	2505.5	20949	2519.9	QPSK	1	49	1	0	20.57	23.09	24.01	22.91	0.195
						50	0	100	0	19.99	19.99	22.97	21.87	0.154
	21006	2525.6	21150	2540.0	QPSK	1	49	1	0	21.78	23.87	24.81	23.71	0.235
						50	0	100	0	20.08	19.95	23.00	21.90	0.155
	21206	2545.6	21350	2560.0	QPSK	1	49	1	0	21.25	23.37	24.26	23.16	0.207
						50	0	100	0	19.85	19.67	22.75	21.65	0.146
10MHz+20MHz	20805	2505.5	20949	2519.9	16QAM	1	49	1	0	20.14	22.05	23.13	22.03	0.160
						50	0	100	0	19.03	19.06	22.03	20.93	0.124
	21006	2525.6	21150	2540.0	16QAM	1	49	1	0	21.76	23.01	24.31	23.21	0.209
						50	0	100	0	19.17	19.04	22.09	20.99	0.126
	21206	2545.6	21350	2560.0	16QAM	1	49	1	0	20.37	22.38	23.51	22.41	0.174
						50	0	100	0	18.80	18.72	21.74	20.64	0.116
10MHz+20MHz	20805	2505.5	20949	2519.9	64QAM	1	49	1	0	17.83	19.63	20.71	19.61	0.091
						50	0	100	0	18.09	18.02	21.04	19.94	0.099
	21006	2525.6	21150	2540.0	64QAM	1	49	1	0	19.03	20.39	21.60	20.50	0.112
						50	0	100	0	18.31	18.00	21.14	20.04	0.101
	21206	2545.6	21350	2560.0	64QAM	1	49	1	0	17.85	19.71	20.90	19.80	0.095
						50	0	100	0	17.44	18.25	20.85	19.75	0.094
10MHz+20MHz	20805	2505.5	20949	2519.9	256QAM	1	49	1	0	16.87	18.64	19.75	18.65	0.073
						50	0	100	0	17.11	17.12	20.10	19.00	0.079
	21006	2525.6	21150	2540.0	256QAM	1	49	1	0	17.29	19.08	20.28	19.18	0.083
						50	0	100	0	17.11	17.03	20.05	18.95	0.079
	21206	2545.6	21350	2560.0	256QAM	1	49	1	0	16.96	18.91	19.88	18.78	0.076
						50	0	100	0	16.44	17.26	19.86	18.76	0.075

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Part 27 / RSS 199_ EIRP Limit (W)				2		OUTPUT POWER FOR LTE BAND 7C (15MHz + 15MHz)									
Antenna Gain				-1.1											
Bandwidth	PCC		SCC1		Modulation	PCC RB		SCC1 RB		Conducted Average (dBm)			EIRP Average	EIRP Average	
	Earfcn	MHz	Earfcn	MHz		Size	Offset	Size	Offset	PCC	SCC1	Total	(dBm)	(W)	
15MHz+ 15MHz	20825	2507.5	20975	2522.5	QPSK	1	74	1	0	21.50	20.56	24.06	22.96	0.198	
						75	0	75	0	19.97	19.86	22.93	21.83	0.152	
	21025	2527.5	21175	2542.5	QPSK	1	74	1	0	21.19	21.19	24.20	23.10	0.204	
						75	0	75	0	19.86	19.77	22.82	21.72	0.149	
	21225	2547.5	21375	2562.5	QPSK	1	74	1	0	21.76	21.78	24.78	23.68	0.233	
						75	0	75	0	19.84	19.56	22.71	21.61	0.145	
15MHz+ 15MHz	20825	2507.5	20975	2522.5	16QAM	1	74	1	0	20.11	20.55	23.35	22.25	0.168	
						75	0	75	0	18.86	18.82	21.85	20.75	0.119	
	21025	2527.5	21175	2542.5	16QAM	1	74	1	0	20.26	20.46	23.37	22.27	0.169	
						75	0	75	0	18.75	18.71	21.74	20.64	0.116	
	21225	2547.5	21375	2562.5	16QAM	1	74	1	0	21.24	20.64	23.96	22.86	0.193	
						75	0	75	0	18.80	18.54	21.68	20.58	0.114	
15MHz+ 15MHz	20825	2507.5	20975	2522.5	64QAM	1	74	1	0	17.77	17.93	20.86	19.76	0.095	
						75	0	75	0	17.95	17.78	20.87	19.77	0.095	
	21025	2527.5	21175	2542.5	64QAM	1	74	1	0	17.59	17.95	20.79	19.69	0.093	
						75	0	75	0	17.25	18.10	20.71	19.61	0.091	
	21225	2547.5	21375	2562.5	64QAM	1	74	1	0	18.28	18.01	21.16	20.06	0.101	
						75	0	75	0	17.76	17.64	20.71	19.61	0.091	
15MHz+ 15MHz	20825	2507.5	20975	2522.5	256QAM	1	74	1	0	16.74	16.34	19.55	18.45	0.070	
						75	0	75	0	16.86	16.82	19.85	18.75	0.075	
	21025	2527.5	21175	2542.5	256QAM	1	74	1	0	16.78	16.74	19.77	18.67	0.074	
						75	0	75	0	16.83	16.67	19.76	18.66	0.073	
	21225	2547.5	21375	2562.5	256QAM	1	74	1	0	16.96	17.13	20.06	18.96	0.079	
						75	0	75	0	16.84	16.60	19.74	18.64	0.073	

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Antenna Gain	-1.1

OUTPUT POWER FOR LTE BAND 7C (20MHz + 10MHz)

Bandwidth	PCC		SCC1		Modulation	PCC RB		SCC1 RB		Conducted Average (dBm)			EIRP Average (dBm)	EIRP Average (W)
	Earfcn	MHz	Earfcn	MHz		Size	Offset	Size	Offset	PCC	SCC1	Total		
20MHz+10MHz	20850	2510.0	20994	2524.4	QPSK	1	99	1	0	23.35	22.34	24.84	23.74	0.237
						100	0	50	0	20.14	20.03	23.07	21.97	0.157
	21051	2530.1	21195	2544.5	QPSK	1	99	1	0	2.92	20.88	23.90	22.80	0.191
						100	0	50	0	19.88	19.64	22.75	21.65	0.146
	21251	2550.1	21395	2564.5	QPSK	1	99	1	0	24.28	21.01	25.04	23.94	0.248
						100	0	50	0	20.01	19.79	22.89	21.79	0.151
20MHz+10MHz	20850	2510.0	20994	2524.4	16QAM	1	99	1	0	22.96	20.96	23.88	22.78	0.190
						100	0	50	0	19.14	18.96	22.04	20.94	0.124
	21051	2530.1	21195	2544.5	16QAM	1	99	1	0	22.33	19.59	23.25	22.15	0.164
						100	0	50	0	18.77	18.52	21.63	20.53	0.113
	21251	2550.1	21395	2564.5	16QAM	1	99	1	0	23.10	21.08	24.15	23.05	0.202
						100	0	50	0	18.89	18.67	21.77	20.67	0.117
20MHz+10MHz	20850	2510.0	20994	2524.4	64QAM	1	99	1	0	20.10	18.40	21.25	20.15	0.104
						100	0	50	0	18.14	17.90	21.01	19.91	0.098
	21051	2530.1	21195	2544.5	64QAM	1	99	1	0	19.31	18.01	20.52	19.42	0.087
						100	0	50	0	18.31	17.07	20.72	19.62	0.092
	21251	2550.1	21395	2564.5	64QAM	1	99	1	0	20.74	18.63	21.74	20.64	0.116
						100	0	50	0	17.41	18.06	20.73	19.63	0.092
20MHz+10MHz	20850	2510.0	20994	2524.4	256QAM	1	99	1	0	18.99	17.22	20.02	18.92	0.078
						100	0	50	0	17.10	16.99	20.03	18.93	0.078
	21051	2530.1	21195	2544.5	256QAM	1	99	1	0	18.64	16.05	19.51	18.41	0.069
						100	0	50	0	16.28	16.99	19.63	18.53	0.071
	21251	2550.1	21395	2564.5	256QAM	1	99	1	0	19.31	17.51	20.43	19.33	0.086
						100	0	50	0	16.90	16.67	19.77	18.67	0.074

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Antenna Gain	-1.1

OUTPUT POWER FOR LTE BAND 7C (15MHz + 20MHz)

Bandwidth	PCC		SCC1		Modulation	PCC RB		SCC1 RB		Conducted Average (dBm)			EIRP Average (dBm)	EIRP Average (W)
	Earfcn	MHz	Earfcn	MHz		Size	Offset	Size	Offset	PCC	SCC1	Total		
15MHz+20MHz	20828	2507.8	20999	2524.9	QPSK	1	74	1	0	20.45	21.59	24.07	22.97	0.198
						75	0	100	0	19.94	19.75	22.86	21.76	0.150
	21003	2525.3	21174	2542.4	QPSK	1	74	1	0	21.52	21.53	24.53	23.43	0.220
						75	0	100	0	19.94	19.77	22.86	21.76	0.150
	21179	2542.9	21350	2560.0	QPSK	1	74	1	0	20.74	21.83	24.30	23.20	0.209
						75	0	100	0	19.86	19.59	22.73	21.63	0.146
15MHz+20MHz	20828	2507.8	20999	2524.9	16QAM	1	74	1	0	21.08	19.19	23.21	22.11	0.163
						75	0	100	0	19.26	18.20	21.77	20.67	0.117
	21003	2525.3	21174	2542.4	16QAM	1	74	1	0	20.96	20.57	23.78	22.68	0.185
						75	0	100	0	18.82	18.60	21.72	20.62	0.115
	21179	2542.9	21350	2560.0	16QAM	1	74	1	0	20.54	20.05	23.31	22.21	0.166
						75	0	100	0	18.66	18.45	21.57	20.47	0.111
15MHz+20MHz	20828	2507.8	20999	2524.9	64QAM	1	74	1	0	17.96	17.71	20.85	19.75	0.094
						75	0	100	0	17.76	17.68	20.73	19.63	0.092
	21003	2525.3	21174	2542.4	64QAM	1	74	1	0	18.35	17.57	20.99	19.89	0.097
						75	0	100	0	17.79	17.67	20.74	19.64	0.092
	21179	2542.9	21350	2560.0	64QAM	1	74	1	0	17.79	17.76	20.79	19.69	0.093
						75	0	100	0	17.70	17.44	20.58	19.48	0.089
15MHz+20MHz	20828	2507.8	20999	2524.9	256QAM	1	74	1	0	16.98	16.41	19.72	18.62	0.073
						75	0	100	0	16.84	16.74	19.80	18.70	0.074
	21003	2525.3	21174	2542.4	256QAM	1	74	1	0	16.60	17.04	19.83	18.73	0.075
						75	0	100	0	16.81	16.72	19.77	18.67	0.074
	21179	2542.9	21350	2560.0	256QAM	1	74	1	0	16.56	16.78	19.68	18.58	0.072
						75	0	100	0	16.74	16.43	19.60	18.50	0.071

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Part 27 / RSS 199_ EIRP Limit (W)			2		OUTPUT POWER FOR LTE BAND 7C (20MHz + 15MHz)									
Antenna Gain			-1.1											
Bandwidth	PCC		SCC1		Modulation	PCC RB		SCC1 RB		Conducted Average (dBm)			EIRP Average	EIRP Average
	Earfcn	MHz	Earfcn	MHz		Size	Offset	Size	Offset	PCC	SCC1	Total	(dBm)	(W)
20MHz+ 15MHz	20850	2510.0	21021	2527.1	QPSK	1	99	1	0	22.16	21.18	24.71	23.61	0.230
						100	0	75	0	19.96	19.93	22.96	21.86	0.153
	21026	2527.6	21197	2544.7	QPSK	1	99	1	0	21.40	20.47	23.97	22.87	0.194
						100	0	75	0	19.82	19.69	22.76	21.66	0.147
	21201	2545.1	21372	2562.2	QPSK	1	99	1	0	21.80	21.80	24.81	23.71	0.235
						100	0	75	0	19.85	19.61	22.74	21.64	0.146
20MHz+ 15MHz	20850	2510.0	21021	2527.1	16QAM	1	99	1	0	21.63	20.37	24.06	22.96	0.198
						100	0	75	0	19.21	19.15	22.19	21.09	0.129
	21026	2527.6	21197	2544.7	16QAM	1	99	1	0	20.76	20.18	23.49	22.39	0.173
						100	0	75	0	18.85	19.02	21.95	20.85	0.122
	21201	2545.1	21372	2562.2	16QAM	1	99	1	0	21.06	21.18	24.13	23.03	0.201
						100	0	75	0	18.91	18.79	21.86	20.76	0.119
20MHz+ 15MHz	20850	2510.0	21021	2527.1	64QAM	1	99	1	0	17.91	18.05	20.99	19.89	0.097
						100	0	75	0	17.80	17.77	20.80	19.70	0.093
	21026	2527.6	21197	2544.7	64QAM	1	99	1	0	17.72	17.81	20.77	19.67	0.093
						100	0	75	0	18.23	17.05	20.69	19.59	0.091
	21201	2545.1	21372	2562.2	64QAM	1	99	1	0	17.66	18.05	20.87	19.77	0.095
						100	0	75	0	17.80	17.49	20.66	19.56	0.090
20MHz+ 15MHz	20850	2510.0	21021	2527.1	256QAM	1	99	1	0	17.09	16.73	19.93	18.83	0.076
						100	0	75	0	16.94	16.81	19.89	18.79	0.076
	21026	2527.6	21197	2544.7	256QAM	1	99	1	0	16.72	16.80	19.77	18.67	0.074
						100	0	75	0	16.70	16.55	19.64	18.54	0.071
	21201	2545.1	21372	2562.2	256QAM	1	99	1	0	16.86	16.87	19.87	18.77	0.075
						100	0	75	0	16.79	16.55	19.68	18.58	0.072

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Part 27 / RSS 199_ EIRP Limit (W)	2
Antenna Gain	-1.1

OUTPUT POWER FOR LTE BAND 7C (20MHz + 20MHz)

Bandwidth	PCC		SCC1		Modulation	PCC RB		SCC1 RB		Conducted Average (dBm)			EIRP Average	EIRP Average
	Earfcn	MHz	Earfcn	MHz		Size	Offset	Size	Offset	PCC	SCC1	Total	(dBm)	(W)
20MHz+20MHz	20850	2510.0	21048	2529.8	QPSK	1	99	1	0	21.68	21.73	24.72	23.62	0.230
						100	0	100	0	20.03	19.82	22.94	21.84	0.153
	21001	2525.1	21199	2544.9	QPSK	1	99	1	0	21.30	21.27	24.29	23.19	0.208
						100	0	100	0	19.93	19.73	22.84	21.74	0.149
	21152	2540.2	21350	2560.0	QPSK	1	99	1	0	21.16	21.20	24.19	23.09	0.204
						100	0	100	0	19.87	19.62	22.76	21.66	0.147
20MHz+20MHz	20850	2510.0	21048	2529.8	16QAM	1	99	1	0	21.58	20.60	24.13	23.03	0.201
						100	0	100	0	18.94	18.84	21.90	20.80	0.120
	21001	2525.1	21199	2544.9	16QAM	1	99	1	0	20.56	20.71	23.65	22.55	0.180
						100	0	100	0	18.99	18.79	21.90	20.80	0.120
	21152	2540.2	21350	2560.0	16QAM	1	99	1	0	20.66	20.77	23.72	22.62	0.183
						100	0	100	0	19.00	18.66	21.85	20.75	0.119
20MHz+20MHz	20850	2510.0	21048	2529.8	64QAM	1	99	1	0	18.40	18.20	21.31	20.21	0.105
						100	0	100	0	17.48	18.36	20.95	19.85	0.097
	21001	2525.1	21199	2544.9	64QAM	1	99	1	0	17.82	18.14	21.00	19.90	0.098
						100	0	100	0	18.03	17.79	20.92	19.82	0.096
	21152	2540.2	21350	2560.0	64QAM	1	99	1	0	18.04	17.88	20.97	19.87	0.097
						100	0	100	0	17.49	18.19	20.86	19.76	0.095
20MHz+20MHz	20850	2510.0	21048	2529.8	256QAM	1	99	1	0	17.48	17.30	20.40	19.30	0.085
						100	0	100	0	16.96	16.91	19.95	18.85	0.077
	21001	2525.1	21199	2544.9	256QAM	1	99	1	0	16.81	17.06	19.95	18.85	0.077
						100	0	100	0	16.91	16.85	19.89	18.79	0.076
	21152	2540.2	21350	2560.0	256QAM	1	99	1	0	16.94	17.37	20.17	19.07	0.081
						100	0	100	0	16.98	16.78	19.89	18.79	0.076

Part 27 / RSS 130_ ERP Limit (W)	3
Antenna Gain	-1.6

OUTPUT POWER FOR LTE BAND 12B (5MHz + 5MHz)

Bandwidth	PCC		SCC1		Modulation	PCC RB		SCC1 RB		Conducted Average (dBm)			EIRP Average	ERP Average	ERP Average
	Earfcn	MHz	Earfcn	MHz		Size	Offset	Size	Offset	PCC	SCC1	Total	(dBm)	(dBm)	(W)
5MHz+ 5MHz	23035	701.5	23083	706.3	QPSK	1	24	1	0	21.83	20.79	24.34	21.94	19.79	0.095
						25	0	50	0	19.92	19.98	22.96	20.56	18.41	0.069
	23071	705.1	23119	709.9	QPSK	1	24	1	0	21.26	21.35	24.31	21.91	19.76	0.095
						25	0	50	0	20.00	20.01	23.01	20.61	18.46	0.070
	23107	708.7	23155	713.5	QPSK	1	24	1	0	21.31	21.28	24.29	21.89	19.74	0.094
						25	0	50	0	19.93	19.98	22.97	20.57	18.42	0.070
5MHz+ 5MHz	23035	701.5	23083	706.3	16QAM	1	24	1	0	20.75	21.24	24.00	21.60	19.45	0.088
						25	0	50	0	19.03	18.99	22.02	19.62	17.47	0.056
	23071	705.1	23119	709.9	16QAM	1	24	1	0	20.66	20.70	23.68	21.28	19.13	0.082
						25	0	50	0	18.97	19.04	22.01	19.61	17.46	0.056
	23107	708.7	23155	713.5	16QAM	1	24	1	0	21.07	20.65	23.87	21.47	19.32	0.086
						25	0	50	0	19.02	19.08	22.06	19.66	17.51	0.056
5MHz+ 5MHz	23035	701.5	23083	706.3	64QAM	1	24	1	0	18.85	19.02	21.93	19.53	17.38	0.055
						25	0	50	0	18.79	18.81	21.81	19.41	17.26	0.053
	23071	705.1	23119	709.9	64QAM	1	24	1	0	20.08	18.48	22.35	19.95	17.80	0.060
						25	0	50	0	18.37	19.43	21.94	19.54	17.39	0.055
	23107	708.7	23155	713.5	64QAM	1	24	1	0	18.98	19.24	22.11	19.71	17.56	0.057
						25	0	50	0	18.84	18.84	21.85	19.45	17.30	0.054
5MHz+ 5MHz	23035	701.5	23083	706.3	256QAM	1	24	1	0	17.72	16.59	20.19	17.79	15.64	0.037
						25	0	50	0	17.00	17.12	20.07	17.67	15.52	0.036
	23071	705.1	23119	709.9	256QAM	1	24	1	0	17.07	17.29	20.18	17.78	15.63	0.037
						25	0	50	0	16.88	17.11	20.01	17.61	15.46	0.035
	23107	708.7	23155	713.5	256QAM	1	24	1	0	17.42	17.01	20.22	17.82	15.67	0.037
						25	0	50	0	16.98	17.01	20.01	17.61	15.46	0.035

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Part 27 / RSS 130 ERP Limit (W)	3
Antenna Gain	-1.6

OUTPUT POWER FOR LTE BAND 12B (5MHz + 10MHz)

Bandwidth	PCC		SCC1		Modulation	PCC RB		SCC1 RB		Conducted Average (dBm)			EIRP Average (dBm)	ERP Average (dBm)	ERP Average (W)
	Earfcn	MHz	Earfcn	MHz		Size	Offset	Size	Offset	PCC	SCC1	Total			
5MHz+10MHz	23038	701.8	23110	709.0	QPSK	1	24	1	0	21.77	22.80	24.72	22.32	20.17	0.104
						25	0	50	0	19.94	20.00	22.96	20.56	18.41	0.069
	23048	702.8	23120	710.0	QPSK	1	24	1	0	21.73	22.66	24.71	22.31	20.16	0.104
						25	0	50	0	20.04	20.03	23.02	20.62	18.47	0.070
	23058	703.8	23130	711.0	QPSK	1	24	1	0	21.75	22.89	24.74	22.34	20.19	0.104
						25	0	50	0	19.98	19.98	22.96	20.56	18.41	0.069
5MHz+10MHz	23038	701.8	23110	709.0	16QAM	1	24	1	0	22.60	21.17	24.14	21.74	19.59	0.091
						25	0	50	0	18.90	18.94	21.91	19.51	17.36	0.054
	23048	702.8	23120	710.0	16QAM	1	24	1	0	21.11	22.16	24.06	21.66	19.51	0.089
						25	0	50	0	18.95	19.11	22.01	19.61	17.46	0.056
	23058	703.8	23130	711.0	16QAM	1	24	1	0	20.57	22.14	23.91	21.51	19.36	0.086
						25	0	50	0	19.01	18.95	21.97	19.57	17.42	0.055
5MHz+10MHz	23038	701.8	23110	709.0	64QAM	1	24	1	0	19.33	19.78	22.03	19.63	17.48	0.056
						25	0	50	0	18.49	18.58	21.52	19.12	16.97	0.050
	23048	702.8	23120	710.0	64QAM	1	24	1	0	18.91	20.00	21.96	19.56	17.41	0.055
						25	0	50	0	18.63	18.73	21.67	19.27	17.12	0.052
	23058	703.8	23130	711.0	64QAM	1	24	1	0	18.73	20.14	21.94	19.54	17.39	0.055
						25	0	50	0	18.54	18.59	21.55	19.15	17.00	0.050
5MHz+10MHz	23038	701.8	23110	709.0	256QAM	1	24	1	0	17.36	18.63	20.47	18.07	15.92	0.039
						25	0	50	0	17.03	17.03	20.02	17.62	15.47	0.035
	23048	702.8	23120	710.0	256QAM	1	24	1	0	17.72	17.95	20.12	17.72	15.57	0.036
						25	0	50	0	17.03	17.01	20.00	17.60	15.45	0.035
	23058	703.8	23130	711.0	256QAM	1	24	1	0	17.13	18.30	20.27	17.87	15.72	0.037
						25	0	50	0	17.10	17.06	20.07	17.67	15.52	0.036

Part 27 / RSS 199 EIRP Limit (W)	2
Antenna Gain	-1.1

OUTPUT POWER FOR LTE BAND 38C (15MHz + 15MHz)

Bandwidth	PCC		SCC1		Modulation	PCC RB		SCC1 RB		Conducted Average (dBm)			EIRP Average (dBm)	EIRP Average (W)
	Earfcn	MHz	Earfcn	MHz		Size	Offset	Size	Offset	PCC	SCC1	Total		
15MHz+15MHz	37825	2577.5	37975	2592.5	QPSK	1	74	1	0	21.19	22.15	24.71	23.61	0.230
						75	0	75	0	20.29	20.08	23.25	22.15	0.164
	37925	2587.5	38075	2602.5	QPSK	1	74	1	0	22.18	21.07	24.67	23.57	0.228
						75	0	75	0	20.36	20.05	23.22	22.12	0.163
	38025	2597.5	38175	2612.5	QPSK	1	74	1	0	21.58	21.56	24.58	23.48	0.223
						75	0	75	0	20.30	20.00	23.16	22.06	0.161
15MHz+15MHz	37825	2577.5	37975	2592.5	16QAM	1	74	1	0	21.22	21.29	24.27	23.17	0.207
						75	0	75	0	19.43	19.22	22.34	21.24	0.133
	37925	2587.5	38075	2602.5	16QAM	1	74	1	0	20.93	21.08	24.02	22.92	0.196
						75	0	75	0	19.48	19.15	22.33	21.23	0.133
	38025	2597.5	38175	2612.5	16QAM	1	74	1	0	21.01	21.03	24.03	22.93	0.196
						75	0	75	0	19.44	19.19	22.33	21.23	0.133
15MHz+15MHz	37825	2577.5	37975	2592.5	64QAM	1	74	1	0	18.61	18.11	21.38	20.28	0.107
						75	0	75	0	18.84	18.49	21.68	20.58	0.114
	37925	2587.5	38075	2602.5	64QAM	1	74	1	0	18.49	18.66	21.58	20.48	0.112
						75	0	75	0	18.60	18.27	21.45	20.35	0.108
	38025	2597.5	38175	2612.5	64QAM	1	74	1	0	18.67	18.54	21.62	20.52	0.113
						75	0	75	0	18.73	18.39	21.57	20.47	0.111
15MHz+15MHz	37825	2577.5	37975	2592.5	256QAM	1	74	1	0	17.52	17.28	20.41	19.31	0.085
						75	0	75	0	17.51	17.23	20.38	19.28	0.085
	37925	2587.5	38075	2602.5	256QAM	1	74	1	0	17.28	17.13	20.22	19.12	0.082
						75	0	75	0	17.41	17.14	20.28	19.18	0.083
	38025	2597.5	38175	2612.5	256QAM	1	74	1	0	17.19	17.40	20.31	19.21	0.083
						75	0	75	0	17.41	17.18	20.30	19.20	0.083

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Part 27 / RSS 199_ EIRP Limit (W)	2
Antenna Gain	-1.1

OUTPUT POWER FOR LTE BAND 38C (20MHz + 20MHz)

Bandwidth	PCC		SCC1		Modulation	PCC RB		SCC1 RB		Conducted Average (dBm)			EIRP Average (dBm)	EIRP Average (W)
	Earfcn	MHz	Earfcn	MHz		Size	Offset	Size	Offset	PCC	SCC1	Total		
20MHz+20MHz	37850	2580.0	38048	2599.8	QPSK	1	99	1	0	22.19	21.10	24.69	23.59	0.229
						100	0	100	0	20.49	20.07	23.30	22.20	0.166
	37901	2585.1	38099	2604.9	QPSK	1	99	1	0	21.61	21.58	24.60	23.50	0.224
						100	0	100	0	20.45	20.14	23.31	22.21	0.166
	37952	2590.2	38150	2610.0	QPSK	1	99	1	0	22.17	21.17	24.70	23.60	0.229
						100	0	100	0	20.51	20.09	23.31	22.21	0.166
20MHz+20MHz	37850	2580.0	38048	2599.8	16QAM	1	99	1	0	20.90	21.15	24.03	22.93	0.196
						100	0	100	0	19.45	19.15	22.31	21.21	0.132
	37901	2585.1	38099	2604.9	16QAM	1	99	1	0	21.04	21.23	24.15	23.05	0.202
						100	0	100	0	19.49	19.11	22.31	21.21	0.132
	37952	2590.2	38150	2610.0	16QAM	1	99	1	0	21.12	21.52	24.33	23.23	0.210
						100	0	100	0	19.54	19.15	22.36	21.26	0.134
20MHz+20MHz	37850	2580.0	38048	2599.8	64QAM	1	99	1	0	18.82	18.67	21.76	20.66	0.116
						100	0	100	0	18.79	18.41	21.61	20.51	0.112
	37901	2585.1	38099	2604.9	64QAM	1	99	1	0	18.26	18.66	21.47	20.37	0.109
						100	0	100	0	18.78	18.42	21.62	20.52	0.113
	37952	2590.2	38150	2610.0	64QAM	1	99	1	0	18.55	18.52	21.55	20.45	0.111
						100	0	100	0	18.84	18.38	21.63	20.53	0.113
20MHz+20MHz	37850	2580.0	38048	2599.8	256QAM	1	99	1	0	17.19	17.22	20.22	19.12	0.082
						100	0	100	0	17.56	17.19	20.39	19.29	0.085
	37901	2585.1	38099	2604.9	256QAM	1	99	1	0	17.54	16.92	20.25	19.15	0.082
						100	0	100	0	17.54	17.23	20.40	19.30	0.085
	37952	2590.2	38150	2610.0	256QAM	1	99	1	0	17.54	16.92	20.25	19.15	0.082
						100	0	100	0	17.46	17.12	20.30	19.20	0.083

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Part 27 / RSS 199_EIRP Limit (W)	2
Antenna Gain	-1.1

OUTPUT POWER FOR LTE BAND 41C (5MHz + 20MHz)

Bandwidth	PCC		SCC1		Modulation	PCC RB		SCC1 RB		Conducted Average (dBm)			EIRP Average (dBm)	EIRP Average (W)
	Earfcn	MHz	Earfcn	MHz		Size	Offset	Size	Offset	PCC	SCC1	Total		
5MHz+20MHz	39683	2499.3	39800	2511.0	QPSK	1	24	1	0	23.38	25.90	25.91	24.81	0.303
						25	0	100	0	21.19	21.66	24.16	23.06	0.202
	40528	2583.8	40645	2595.5	QPSK	1	24	1	0	22.74	25.72	25.73	24.63	0.290
						25	0	100	0	21.32	21.70	24.26	23.16	0.207
	41373	2668.3	41490	2680.0	QPSK	1	24	1	0	22.44	25.97	25.98	24.88	0.308
						25	0	100	0	21.33	21.68	24.27	23.17	0.207
5MHz+20MHz	39683	2499.3	39800	2511.0	16QAM	1	24	1	0	22.23	25.32	25.33	24.23	0.265
						25	0	100	0	20.27	20.79	23.29	22.19	0.166
	40528	2583.8	40645	2595.5	16QAM	1	24	1	0	22.13	25.11	25.11	24.01	0.252
						25	0	100	0	20.35	20.75	23.31	22.21	0.166
	41373	2668.3	41490	2680.0	16QAM	1	24	1	0	22.68	25.47	25.47	24.37	0.274
						25	0	100	0	20.42	20.80	23.38	22.28	0.169
5MHz+20MHz	39683	2499.3	39800	2511.0	64QAM	1	24	1	0	20.10	22.99	22.99	21.89	0.155
						25	0	100	0	19.26	19.80	22.28	21.18	0.131
	40528	2583.8	40645	2595.5	64QAM	1	24	1	0	19.74	22.73	22.73	21.63	0.146
						25	0	100	0	19.44	19.86	22.43	21.33	0.136
	41373	2668.3	41490	2680.0	64QAM	1	24	1	0	20.40	22.93	22.93	21.83	0.152
						25	0	100	0	19.45	19.84	22.40	21.30	0.135
5MHz+20MHz	39683	2499.3	39800	2511.0	256QAM	1	24	1	0	18.38	21.48	21.49	20.39	0.109
						25	0	100	0	18.26	18.68	21.23	20.13	0.103
	40528	2583.8	40645	2595.5	256QAM	1	24	1	0	18.61	21.46	21.47	20.37	0.109
						25	0	100	0	18.52	18.78	21.41	20.31	0.107
	41373	2668.3	41490	2680.0	256QAM	1	24	1	0	18.42	21.56	21.56	20.46	0.111
						25	0	100	0	18.55	18.87	21.47	20.37	0.109

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Part 27 / RSS 199_ EIRP Limit (W)			2		OUTPUT POWER FOR LTE BAND 41C (20MHz + 5MHz)									
Antenna Gain			-1.1											
Bandwidth	PCC		SCC1		Modulation	PCC RB		SCC1 RB		Conducted Average (dBm)			EIRP Average	EIRP Average
	Earfcn	MHz	Earfcn	MHz		Size	Offset	Size	Offset	PCC	SCC1	Total	(dBm)	(W)
20MHz+ 5MHz	39750	2506.0	39867	2517.7	QPSK	1	99	1	0	25.21	22.16	25.22	24.12	0.258
						100	0	25	0	21.50	20.87	23.93	22.83	0.192
	40595	2590.5	40712	2602.2	QPSK	1	99	1	0	25.67	23.18	25.69	24.59	0.288
						100	0	25	0	21.82	21.25	24.31	23.21	0.209
	41440	2675.0	41557	2686.7	QPSK	1	99	1	0	25.31	22.28	25.32	24.22	0.264
						100	0	25	0	21.69	20.96	24.10	23.00	0.200
20MHz+ 5MHz	39750	2506.0	39867	2517.7	16QAM	1	99	1	0	24.48	21.64	24.48	23.38	0.218
						100	0	25	0	20.16	19.66	22.69	21.59	0.144
	40595	2590.5	40712	2602.2	16QAM	1	99	1	0	24.78	21.80	24.78	23.68	0.233
						100	0	25	0	20.64	19.88	23.03	21.93	0.156
	41440	2675.0	41557	2686.7	16QAM	1	99	1	0	24.63	21.58	24.93	23.83	0.242
						100	0	25	0	20.46	19.75	22.88	21.78	0.151
20MHz+ 5MHz	39750	2506.0	39867	2517.7	64QAM	1	99	1	0	21.89	18.66	21.89	20.79	0.120
						100	0	25	0	19.05	18.66	21.62	20.52	0.113
	40595	2590.5	40712	2602.2	64QAM	1	99	1	0	22.22	19.11	22.22	21.12	0.129
						100	0	25	0	19.68	19.03	22.12	21.02	0.126
	41440	2675.0	41557	2686.7	64QAM	1	99	1	0	21.94	18.91	21.94	20.84	0.121
						100	0	25	0	19.51	18.82	21.93	20.83	0.121
20MHz+ 5MHz	39750	2506.0	39867	2517.7	256QAM	1	99	1	0	20.81	17.78	20.81	19.71	0.094
						100	0	25	0	18.22	17.64	20.71	19.61	0.091
	40595	2590.5	40712	2602.2	256QAM	1	99	1	0	21.01	18.19	21.01	19.91	0.098
						100	0	25	0	18.67	18.05	21.13	20.03	0.101
	41440	2675.0	41557	2686.7	256QAM	1	99	1	0	20.94	17.93	20.94	19.84	0.096
						100	0	25	0	18.61	17.85	21.00	19.90	0.098

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Part 27 / RSS 199_ EIRP Limit (W)	2
Antenna Gain	-1.1

OUTPUT POWER FOR LTE BAND 41C (10MHz + 20MHz)

Bandwidth	PCC		SCC1		Modulation	PCC RB		SCC1 RB		Conducted Average (dBm)			EIRP Average (dBm)	EIRP Average (W)
	Earfcn	MHz	Earfcn	MHz		Size	Offset	Size	Offset	PCC	SCC1	Total		
10MHz+20MHz	39705	2501.5	39849	2515.9	QPSK	1	49	1	0	22.50	24.36	25.51	24.41	0.276
						50	0	100	0	21.14	21.13	24.12	23.02	0.200
	40526	2583.6	40670	2598.0	QPSK	1	49	1	0	22.06	24.62	25.62	24.52	0.283
						50	0	100	0	21.44	21.34	24.37	23.27	0.212
	41346	2665.6	41490	2680.0	QPSK	1	49	1	0	22.81	24.69	25.84	24.74	0.298
						50	0	100	0	21.42	21.21	24.30	23.20	0.209
10MHz+20MHz	39705	2501.5	39849	2515.9	16QAM	1	49	1	0	21.74	23.91	24.86	23.76	0.238
						50	0	100	0	19.93	19.95	22.93	21.83	0.152
	40526	2583.6	40670	2598.0	16QAM	1	49	1	0	21.82	23.90	24.89	23.79	0.239
						50	0	100	0	20.23	20.11	23.16	22.06	0.161
	41346	2665.6	41490	2680.0	16QAM	1	49	1	0	22.42	24.03	25.17	24.07	0.255
						50	0	100	0	20.29	20.13	23.20	22.10	0.162
10MHz+20MHz	39705	2501.5	39849	2515.9	64QAM	1	49	1	0	18.96	21.06	22.02	20.92	0.124
						50	0	100	0	18.98	18.95	21.95	20.85	0.122
	40526	2583.6	40670	2598.0	64QAM	1	49	1	0	19.14	21.51	22.41	21.31	0.135
						50	0	100	0	19.23	19.11	22.16	21.06	0.128
	41346	2665.6	41490	2680.0	64QAM	1	49	1	0	19.51	21.51	22.53	21.43	0.139
						50	0	100	0	19.33	19.12	22.21	21.11	0.129
10MHz+20MHz	39705	2501.5	39849	2515.9	256QAM	1	49	1	0	17.83	20.21	21.02	19.92	0.098
						50	0	100	0	17.89	18.02	20.94	19.84	0.096
	40526	2583.6	40670	2598.0	256QAM	1	49	1	0	18.44	20.08	21.27	20.17	0.104
						50	0	100	0	18.19	18.05	21.10	20.00	0.100
	41346	2665.6	41490	2680.0	256QAM	1	49	1	0	18.50	19.97	21.19	20.09	0.102
						50	0	100	0	18.33	18.00	21.15	20.05	0.101

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Part 27 / RSS 199_ EIRP Limit (W)	2
Antenna Gain	-1.1

OUTPUT POWER FOR LTE BAND 41C (15MHz + 15MHz)

Bandwidth	PCC		SCC1		Modulation	PCC RB		SCC1 RB		Conducted Average (dBm)			EIRP Average (dBm)	EIRP Average (W)
	Earfcn	MHz	Earfcn	MHz		Size	Offset	Size	Offset	PCC	SCC1	Total		
15MHz+15MHz	39725	2503.5	39875	2518.5	QPSK	1	74	1	0	22.26	22.29	25.28	24.18	0.262
						75	0	75	0	20.99	20.88	23.95	22.85	0.193
	40545	2585.5	40695	2600.5	QPSK	1	74	1	0	22.67	22.52	25.61	24.51	0.282
						75	0	75	0	21.31	21.21	24.27	23.17	0.207
	41365	2667.5	41515	2682.5	QPSK	1	74	1	0	22.56	22.57	25.57	24.47	0.280
						75	0	75	0	21.28	21.12	24.21	23.11	0.205
15MHz+15MHz	39725	2503.5	39875	2518.5	16QAM	1	74	1	0	21.40	21.44	24.43	23.33	0.215
						75	0	75	0	19.81	19.76	22.80	21.70	0.148
	40545	2585.5	40695	2600.5	16QAM	1	74	1	0	22.01	21.36	24.71	23.61	0.230
						75	0	75	0	20.17	20.00	23.10	22.00	0.158
	41365	2667.5	41515	2682.5	16QAM	1	74	1	0	22.06	21.81	24.95	23.85	0.243
						75	0	75	0	20.12	19.87	23.01	21.91	0.155
15MHz+15MHz	39725	2503.5	39875	2518.5	64QAM	1	74	1	0	19.16	18.71	21.95	20.85	0.122
						75	0	75	0	18.84	18.77	21.82	20.72	0.118
	40545	2585.5	40695	2600.5	64QAM	1	74	1	0	19.14	19.13	22.15	21.05	0.127
						75	0	75	0	19.19	19.07	22.14	21.04	0.127
	41365	2667.5	41515	2682.5	64QAM	1	74	1	0	19.09	19.34	22.23	21.13	0.130
						75	0	75	0	19.15	18.88	22.03	20.93	0.124
15MHz+15MHz	39725	2503.5	39875	2518.5	256QAM	1	74	1	0	17.74	17.87	20.82	19.72	0.094
						75	0	75	0	17.87	17.80	20.85	19.75	0.094
	40545	2585.5	40695	2600.5	256QAM	1	74	1	0	18.18	18.12	21.16	20.06	0.101
						75	0	75	0	18.16	17.97	21.08	19.98	0.100
	41365	2667.5	41515	2682.5	256QAM	1	74	1	0	18.52	18.01	21.28	20.18	0.104
						75	0	75	0	18.66	17.40	21.09	19.99	0.100

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Part 27 / RSS 199_ EIRP Limit (W)			2		OUTPUT POWER FOR LTE BAND 41C (20MHz + 10MHz)									
Antenna Gain			-1.1											
Bandwidth	PCC		SCC1		Modulation	PCC RB		SCC1 RB		Conducted Average (dBm)			EIRP Average	EIRP Average
	Earfcn	MHz	Earfcn	MHz		Size	Offset	Size	Offset	PCC	SCC1	Total	(dBm)	(W)
20MHz+10MHz	39750	2506.0	39894	2520.4	QPSK	1	99	1	0	24.01	22.15	25.19	24.09	0.256
						100	0	50	0	20.96	20.96	23.95	22.85	0.193
	40571	2588.1	40715	2602.5	QPSK	1	99	1	0	24.56	22.51	25.53	24.43	0.277
						100	0	50	0	21.36	21.21	24.27	23.17	0.207
	41391	2670.1	41535	2684.5	QPSK	1	99	1	0	24.71	22.68	25.68	24.58	0.287
						100	0	50	0	21.29	20.99	24.13	23.03	0.201
20MHz+10MHz	39750	2506.0	39894	2520.4	16QAM	1	99	1	0	23.66	21.25	24.46	23.36	0.217
						100	0	50	0	19.74	19.70	22.70	21.60	0.145
	40571	2588.1	40715	2602.5	16QAM	1	99	1	0	23.86	21.93	24.91	23.81	0.240
						100	0	50	0	20.19	20.07	23.11	22.01	0.159
	41391	2670.1	41535	2684.5	16QAM	1	99	1	0	23.18	21.76	24.67	23.57	0.228
						100	0	50	0	20.13	19.89	23.00	21.90	0.155
20MHz+10MHz	39750	2506.0	39894	2520.4	64QAM	1	99	1	0	20.86	18.95	21.89	20.79	0.120
						100	0	50	0	18.78	18.83	21.79	20.69	0.117
	40571	2588.1	40715	2602.5	64QAM	1	99	1	0	21.25	18.51	22.20	21.10	0.129
						100	0	50	0	19.21	19.02	22.10	21.00	0.126
	41391	2670.1	41535	2684.5	64QAM	1	99	1	0	21.53	18.59	22.30	21.20	0.132
						100	0	50	0	19.15	18.93	22.02	20.92	0.124
20MHz+10MHz	39750	2506.0	39894	2520.4	256QAM	1	99	1	0	19.99	17.77	21.03	19.93	0.098
						100	0	50	0	17.79	17.75	20.75	19.65	0.092
	40571	2588.1	40715	2602.5	256QAM	1	99	1	0	20.03	18.25	21.11	20.01	0.100
						100	0	50	0	18.25	18.02	21.12	20.02	0.100
	41391	2670.1	41535	2684.5	256QAM	1	99	1	0	19.90	18.10	21.08	19.98	0.100
						100	0	50	0	18.20	17.94	21.06	19.96	0.099

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Part 27 / RSS 199_EIRP Limit (W)	2
Antenna Gain	-1.1

OUTPUT POWER FOR LTE BAND 41C (15MHz + 20MHz)

Bandwidth	PCC		SCC1		Modulation	PCC RB		SCC1 RB		Conducted Average (dBm)			EIRP Average (dBm)	EIRP Average (W)
	Earfcn	MHz	Earfcn	MHz		Size	Offset	Size	Offset	PCC	SCC1	Total		
15MHz+20MHz	39728	2503.8	39899	2520.9	QPSK	1	74	1	0	22.88	21.95	25.45	24.35	0.272
						75	0	100	0	21.10	21.00	24.06	22.96	0.198
	40523	2583.3	40694	2600.4	QPSK	1	74	1	0	22.43	22.43	25.44	24.34	0.272
						75	0	100	0	21.43	21.22	24.34	23.24	0.211
	41319	2662.9	41490	2680.0	QPSK	1	74	1	0	22.98	22.98	25.99	24.89	0.308
						75	0	100	0	21.38	21.15	24.28	23.18	0.208
15MHz+20MHz	39728	2503.8	39899	2520.9	16QAM	1	74	1	0	21.34	21.47	24.41	23.31	0.214
						75	0	100	0	19.73	19.72	22.73	21.63	0.146
	40523	2583.3	40694	2600.4	16QAM	1	74	1	0	21.72	21.70	24.72	23.62	0.230
						75	0	100	0	20.22	20.04	23.14	22.04	0.160
	41319	2662.9	41490	2680.0	16QAM	1	74	1	0	22.19	21.99	25.10	24.00	0.251
						75	0	100	0	20.27	20.03	23.17	22.07	0.161
15MHz+20MHz	39728	2503.8	39899	2520.9	64QAM	1	74	1	0	18.97	18.86	21.92	20.82	0.121
						75	0	100	0	18.81	18.78	21.81	20.71	0.118
	40523	2583.3	40694	2600.4	64QAM	1	74	1	0	19.17	19.30	22.24	21.14	0.130
						75	0	100	0	19.19	19.07	22.14	21.04	0.127
	41319	2662.9	41490	2680.0	64QAM	1	74	1	0	19.38	19.44	22.42	21.32	0.136
						75	0	100	0	19.30	18.99	21.16	20.06	0.101
15MHz+20MHz	39728	2503.8	39899	2520.9	256QAM	1	74	1	0	18.01	17.75	20.89	19.79	0.095
						75	0	100	0	17.89	17.82	20.86	19.76	0.095
	40523	2583.3	40694	2600.4	256QAM	1	74	1	0	18.10	18.17	21.15	20.05	0.101
						75	0	100	0	18.25	18.05	21.16	20.06	0.101
	41319	2662.9	41490	2680.0	256QAM	1	74	1	0	18.28	17.91	21.11	20.01	0.100
						75	0	100	0	18.11	17.95	21.04	19.94	0.099

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Part 27 / RSS 199_ EIRP Limit (W)	2
Antenna Gain	-1.1

OUTPUT POWER FOR LTE BAND 41C (20MHz + 15MHz)

Bandwidth	PCC		SCC1		Modulation	PCC RB		SCC1 RB		Conducted Average (dBm)			EIRP Average (dBm)	EIRP Average (W)
	Earfcn	MHz	Earfcn	MHz		Size	Offset	Size	Offset	PCC	SCC1	Total		
20MHz+15MHz	39750	2506.0	39921	2523.1	QPSK	1	99	1	0	22.12	22.07	25.10	24.00	0.251
						100	0	75	0	20.99	20.98	23.99	22.89	0.195
	40546	2585.6	40717	2602.7	QPSK	1	99	1	0	22.55	22.59	25.58	24.48	0.281
						100	0	75	0	21.33	21.19	24.27	23.17	0.207
	41341	2665.1	41512	2682.2	QPSK	1	99	1	0	22.60	22.50	25.56	24.46	0.279
						100	0	75	0	21.35	21.13	24.25	23.15	0.207
20MHz+15MHz	39750	2506.0	39921	2523.1	16QAM	1	99	1	0	21.51	21.13	24.33	23.23	0.210
						100	0	75	0	19.72	19.76	22.75	21.65	0.146
	40546	2585.6	40717	2602.7	16QAM	1	99	1	0	21.53	21.85	24.71	23.61	0.230
						100	0	75	0	20.18	20.05	23.13	22.03	0.160
	41341	2665.1	41512	2682.2	16QAM	1	99	1	0	21.90	21.58	24.75	23.65	0.232
						100	0	75	0	20.19	20.01	23.11	22.01	0.159
20MHz+15MHz	39750	2506.0	39921	2523.1	64QAM	1	99	1	0	19.01	18.71	21.87	20.77	0.119
						100	0	75	0	18.81	18.83	21.83	20.73	0.118
	40546	2585.6	40717	2602.7	64QAM	1	99	1	0	19.57	18.75	22.19	21.09	0.129
						100	0	75	0	19.22	19.07	22.16	21.06	0.128
	41341	2665.1	41512	2682.2	64QAM	1	99	1	0	19.33	19.14	22.24	21.14	0.130
						100	0	75	0	19.23	19.05	22.15	21.05	0.127
20MHz+15MHz	39750	2506.0	39921	2523.1	256QAM	1	99	1	0	17.87	17.59	20.74	19.64	0.092
						100	0	75	0	17.79	17.78	20.80	19.70	0.093
	40546	2585.6	40717	2602.7	256QAM	1	99	1	0	18.11	18.05	21.09	19.99	0.100
						100	0	75	0	18.14	17.96	21.06	19.96	0.099
	41341	2665.1	41512	2682.2	256QAM	1	99	1	0	18.23	18.32	21.28	20.18	0.104
						100	0	75	0	18.72	17.50	21.16	20.06	0.101

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Part 27 / RSS 199_ EIRP Limit (W)	2
Antenna Gain	-1.1

OUTPUT POWER FOR LTE BAND 41C (20MHz + 20MHz)

Bandwidth	PCC		SCC1		Modulation	PCC RB		SCC1 RB		Conducted Average (dBm)			EIRP Average (dBm)	EIRP Average (W)
	Earfcn	MHz	Earfcn	MHz		Size	Offset	Size	Offset	PCC	SCC1	Total		
20MHz+20MHz	39750	2506.0	39948	2525.8	QPSK	1	99	1	0	22.14	22.11	25.14	24.04	0.254
						100	0	100	0	21.01	20.92	23.98	22.88	0.194
	40521	2583.1	40719	2602.9	QPSK	1	99	1	0	22.52	22.47	25.51	24.41	0.276
						100	0	100	0	21.37	21.19	24.29	23.19	0.208
	41292	2660.2	41490	2680.0	QPSK	1	99	1	0	22.70	22.72	25.72	24.62	0.290
						100	0	100	0	21.41	21.21	24.32	23.22	0.210
20MHz+20MHz	39750	2506.0	39948	2525.8	16QAM	1	99	1	0	21.57	21.68	24.64	23.54	0.226
						100	0	100	0	20.04	20.03	23.05	21.95	0.157
	40521	2583.1	40719	2602.9	16QAM	1	99	1	0	21.80	22.20	25.02	23.92	0.247
						100	0	100	0	20.44	20.30	23.38	22.28	0.169
	41292	2660.2	41490	2680.0	16QAM	1	99	1	0	22.47	22.14	25.32	24.22	0.264
						100	0	100	0	20.50	20.22	23.37	22.27	0.169
20MHz+20MHz	39750	2506.0	39948	2525.8	64QAM	1	99	1	0	18.99	18.82	21.91	20.81	0.121
						100	0	100	0	19.09	19.07	22.09	20.99	0.126
	40521	2583.1	40719	2602.9	64QAM	1	99	1	0	19.43	19.97	22.72	21.62	0.145
						100	0	100	0	19.46	19.27	22.38	21.28	0.134
	41292	2660.2	41490	2680.0	64QAM	1	99	1	0	19.76	19.74	22.76	21.66	0.147
						100	0	100	0	19.57	19.28	22.44	21.34	0.136
20MHz+20MHz	39750	2506.0	39948	2525.8	256QAM	1	99	1	0	17.91	17.62	20.75	19.65	0.092
						100	0	100	0	18.12	18.07	21.11	20.01	0.100
	40521	2583.1	40719	2602.9	256QAM	1	99	1	0	18.54	18.29	21.43	20.33	0.108
						100	0	100	0	18.39	18.26	21.34	20.24	0.106
	41292	2660.2	41490	2680.0	256QAM	1	99	1	0	18.25	18.62	21.45	20.35	0.108
						100	0	100	0	18.59	18.26	21.44	20.34	0.108

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Part 27 / RSS 139_ EIRP Limit (W)		1		OUTPUT POWER FOR LTE BAND 66C (5MHz + 20MHz)										
Antenna Gain		-0.2												
Bandwidth	PCC		SCC1		Modulation	PCC RB		SCC1 RB		Conducted Average (dBm)			EIRP Average	EIRP Average
	Earfcn	MHz	Earfcn	MHz		Size	Offset	Size	Offset	PCC	SCC1	Total	(dBm)	(W)
5MHz+ 20MHz	132005	1713.3	132122	1725.0	QPSK	1	24	1	0	22.02	24.99	25.01	23.91	0.246
						25	0	100	0	20.40	20.71	23.28	22.18	0.165
	132330	1745.8	132447	1757.5	QPSK	1	24	1	0	21.78	24.76	24.77	23.67	0.233
						25	0	100	0	19.96	20.56	23.03	21.93	0.156
	132455	1758.3	132572	1770.0	QPSK	1	24	1	0	22.07	25.10	25.11	24.01	0.252
						25	0	100	0	20.14	20.81	23.27	22.17	0.165
5MHz+ 20MHz	132005	1713.3	132122	1725.0	16QAM	1	24	1	0	22.50	24.32	24.33	23.23	0.210
						25	0	100	0	19.42	19.68	22.30	21.20	0.132
	132330	1745.8	132447	1757.5	16QAM	1	24	1	0	20.48	24.09	24.10	23.00	0.200
						25	0	100	0	19.07	19.61	22.11	21.01	0.126
	132455	1758.3	132572	1770.0	16QAM	1	24	1	0	21.76	24.61	24.61	23.51	0.224
						25	0	100	0	19.19	19.89	22.31	21.21	0.132
5MHz+ 20MHz	132005	1713.3	132122	1725.0	64QAM	1	24	1	0	19.18	22.26	22.26	21.16	0.131
						25	0	100	0	19.41	19.63	22.28	21.18	0.131
	132330	1745.8	132447	1757.5	64QAM	1	24	1	0	18.94	22.14	22.15	21.05	0.127
						25	0	100	0	18.31	19.77	21.89	20.79	0.120
	132455	1758.3	132572	1770.0	64QAM	1	24	1	0	19.24	22.19	22.19	21.09	0.129
						25	0	100	0	18.72	19.40	21.83	20.73	0.118
5MHz+ 20MHz	132005	1713.3	132122	1725.0	256QAM	1	24	1	0	17.39	20.41	20.41	19.31	0.085
						25	0	100	0	17.41	17.74	20.32	19.22	0.084
	132330	1745.8	132447	1757.5	256QAM	1	24	1	0	17.05	20.02	20.03	18.93	0.078
						25	0	100	0	17.00	17.62	20.07	18.97	0.079
	132455	1758.3	132572	1770.0	256QAM	1	24	1	0	17.12	20.21	20.21	19.11	0.081
						25	0	100	0	17.10	17.87	20.28	19.18	0.083

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Part 27 / RSS 139_ EIRP Limit (W)			1		OUTPUT POWER FOR LTE BAND 66C (10MHz + 15MHz)									
Antenna Gain			-0.2											
Bandwidth	PCC		SCC1		Modulation	PCC RB		SCC1 RB		Conducted Average (dBm)			EIRP Average	EIRP Average
	Earfcn	MHz	Earfcn	MHz		Size	Offset	Size	Offset	PCC	SCC1	Total	(dBm)	(W)
10MHz+ 15MHz	132025	1715.3	132145	1727.3	QPSK	1	49	1	0	21.84	22.01	24.82	23.72	0.236
						50	0	75	0	20.28	20.10	23.20	22.10	0.162
	132351	1747.9	132471	1759.9	QPSK	1	49	1	0	21.33	21.44	24.29	23.19	0.208
						50	0	75	0	19.99	20.20	23.11	22.01	0.159
	132477	1760.5	132597	1772.5	QPSK	1	49	1	0	22.28	21.34	24.78	23.68	0.233
						50	0	75	0	20.23	20.32	23.28	22.18	0.165
10MHz+ 15MHz	132025	1715.3	132145	1727.3	16QAM	1	49	1	0	20.85	21.36	24.02	22.92	0.196
						50	0	75	0	19.18	19.05	22.12	21.02	0.126
	132351	1747.9	132471	1759.9	16QAM	1	49	1	0	21.93	19.34	23.74	22.64	0.184
						50	0	75	0	18.92	19.05	22.00	20.90	0.123
	132477	1760.5	132597	1772.5	16QAM	1	49	1	0	20.73	20.95	23.72	22.62	0.183
						50	0	75	0	19.13	19.28	22.22	21.12	0.129
10MHz+ 15MHz	132025	1715.3	132145	1727.3	64QAM	1	49	1	0	19.06	19.58	22.23	21.13	0.130
						50	0	75	0	19.17	18.98	22.09	20.99	0.126
	132351	1747.9	132471	1759.9	64QAM	1	49	1	0	17.95	17.84	20.82	19.72	0.094
						50	0	75	0	18.51	18.67	21.60	20.50	0.112
	132477	1760.5	132597	1772.5	64QAM	1	49	1	0	18.12	18.82	21.40	20.30	0.107
						50	0	75	0	18.41	18.63	21.53	20.43	0.110
10MHz+ 15MHz	132025	1715.3	132145	1727.3	256QAM	1	49	1	0	17.56	17.09	20.27	19.17	0.083
						50	0	75	0	17.13	16.93	20.04	18.94	0.078
	132351	1747.9	132471	1759.9	256QAM	1	49	1	0	17.41	16.49	19.87	18.77	0.075
						50	0	75	0	16.92	17.05	19.99	18.89	0.077
	132477	1760.5	132597	1772.5	256QAM	1	49	1	0	17.02	17.29	20.08	18.98	0.079
						50	0	75	0	17.12	17.28	20.21	19.11	0.081

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Part 27 / RSS 139_ EIRP Limit (W)				1		OUTPUT POWER FOR LTE BAND 66C (15MHz + 10MHz)									
Antenna Gain				-0.2											
Bandwidth	PCC		SCC1		Modulation	PCC RB		SCC1 RB		Conducted Average (dBm)			EIRP Average	EIRP Average	
	Earfcn	MHz	Earfcn	MHz		Size	Offset	Size	Offset	PCC	SCC1	Total	(dBm)	(W)	
15MHz+ 10MHz	132047	1717.5	132167	1729.5	QPSK	1	74	1	0	22.88	20.77	24.91	23.81	0.240	
						75	0	50	0	20.22	20.05	23.14	22.04	0.160	
	132373	1750.1	132493	1762.1	QPSK	1	74	1	0	21.29	21.16	24.18	23.08	0.203	
						75	0	50	0	20.09	20.26	23.18	22.08	0.161	
	132499	1762.7	132619	1774.7	QPSK	1	74	1	0	21.97	21.90	24.85	23.75	0.237	
						75	0	50	0	20.20	20.43	23.33	22.23	0.167	
15MHz+ 10MHz	132047	1717.5	132167	1729.5	16QAM	1	74	1	0	20.36	21.74	24.06	22.96	0.198	
						75	0	50	0	19.11	18.97	22.15	21.05	0.127	
	132373	1750.1	132493	1762.1	16QAM	1	74	1	0	21.15	20.25	23.64	22.54	0.179	
						75	0	50	0	18.93	19.07	22.01	20.91	0.123	
	132499	1762.7	132619	1774.7	16QAM	1	74	1	0	21.35	20.15	23.74	22.64	0.184	
						75	0	50	0	19.15	19.29	22.23	21.13	0.130	
15MHz+ 10MHz	132047	1717.5	132167	1729.5	64QAM	1	74	1	0	19.54	19.09	22.24	21.14	0.130	
						75	0	50	0	19.16	18.95	22.06	20.96	0.125	
	132373	1750.1	132493	1762.1	64QAM	1	74	1	0	17.87	17.94	20.86	19.76	0.095	
						75	0	50	0	18.19	19.38	21.83	20.73	0.118	
	132499	1762.7	132619	1774.7	64QAM	1	74	1	0	17.93	17.94	20.87	19.77	0.095	
						75	0	50	0	18.39	18.56	21.48	20.38	0.109	
15MHz+ 10MHz	132047	1717.5	132167	1729.5	256QAM	1	74	1	0	17.13	17.12	20.07	18.97	0.079	
						75	0	50	0	17.12	17.03	20.06	18.96	0.079	
	132373	1750.1	132493	1762.1	256QAM	1	74	1	0	17.04	16.56	19.74	18.64	0.073	
						75	0	50	0	17.44	16.60	20.05	18.95	0.079	
	132499	1762.7	132619	1774.7	256QAM	1	74	1	0	17.01	17.01	19.93	18.83	0.076	
						75	0	50	0	17.18	17.28	20.24	19.14	0.082	

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Part 27 / RSS 139_EIRP Limit (W)	1
Antenna Gain	-0.2

OUTPUT POWER FOR LTE BAND 66C (20MHz + 5MHz)

Bandwidth	PCC		SCC1		Modulation	PCC RB		SCC1 RB		Conducted Average (dBm)			EIRP Average (dBm)	EIRP Average (W)
	Earfcn	MHz	Earfcn	MHz		Size	Offset	Size	Offset	PCC	SCC1	Total		
20MHz+5MHz	132072	1720.0	132189	1731.7	QPSK	1	99	1	0	24.90	22.37	24.90	23.80	0.240
						100	0	25	0	20.66	20.00	23.11	22.01	0.159
	132397	1752.5	132514	1764.2	QPSK	1	99	1	0	24.96	21.94	24.97	23.87	0.244
						100	0	25	0	20.60	20.18	23.15	22.05	0.160
	132522	1765.0	132639	1776.7	QPSK	1	99	1	0	24.85	22.33	24.86	23.76	0.238
						100	0	25	0	20.85	20.42	23.39	22.29	0.169
20MHz+5MHz	132072	1720.0	132189	1731.7	16QAM	1	99	1	0	23.86	20.85	23.86	22.76	0.189
						100	0	25	0	19.97	18.38	22.04	20.94	0.124
	132397	1752.5	132514	1764.2	16QAM	1	99	1	0	24.09	21.66	24.10	23.00	0.200
						100	0	25	0	19.40	19.14	22.03	20.93	0.124
	132522	1765.0	132639	1776.7	16QAM	1	99	1	0	23.68	21.15	23.69	22.59	0.182
						100	0	25	0	19.71	19.27	22.24	21.14	0.130
20MHz+5MHz	132072	1720.0	132189	1731.7	64QAM	1	99	1	0	22.14	18.93	22.14	21.04	0.127
						100	0	25	0	19.57	18.89	22.02	20.92	0.124
	132397	1752.5	132514	1764.2	64QAM	1	99	1	0	22.02	19.07	22.02	20.92	0.124
						100	0	25	0	18.82	19.35	21.80	20.70	0.117
	132522	1765.0	132639	1776.7	64QAM	1	99	1	0	21.28	18.08	21.28	20.18	0.104
						100	0	25	0	19.31	18.00	21.46	20.36	0.109
20MHz+5MHz	132072	1720.0	132189	1731.7	256QAM	1	99	1	0	20.03	16.94	20.03	18.93	0.078
						100	0	25	0	17.86	16.38	19.99	18.89	0.077
	132397	1752.5	132514	1764.2	256QAM	1	99	1	0	20.15	17.09	20.15	19.05	0.080
						100	0	25	0	17.44	17.04	20.00	18.90	0.078
	132522	1765.0	132639	1776.7	256QAM	1	99	1	0	20.43	17.43	20.43	19.33	0.086
						100	0	25	0	17.75	17.35	20.29	19.19	0.083

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Part 27 / RSS 139_ EIRP Limit (W)	1
Antenna Gain	-0.2

OUTPUT POWER FOR LTE BAND 66C (10MHz + 20MHz)

Bandwidth	PCC		SCC1		Modulation	PCC RB		SCC1 RB		Conducted Average (dBm)			EIRP Average (dBm)	EIRP Average (W)
	Earfcn	MHz	Earfcn	MHz		Size	Offset	Size	Offset	PCC	SCC1	Total		
10MHz+20MHz	132027	1715.5	132171	1729.9	QPSK	1	49	1	0	21.65	23.74	24.68	23.58	0.228
						50	0	100	0	20.26	20.11	23.17	22.07	0.161
	132328	1745.6	132472	1760.0	QPSK	1	49	1	0	20.41	22.53	23.43	22.33	0.171
						50	0	100	0	20.01	20.17	23.08	21.98	0.158
	132428	1755.6	132572	1770.0	QPSK	1	49	1	0	22.07	23.97	25.06	23.96	0.249
						50	0	100	0	20.07	20.33	23.19	22.09	0.162
10MHz+20MHz	132027	1715.5	132171	1729.9	16QAM	1	49	1	0	21.34	23.22	24.28	23.18	0.208
						50	0	100	0	19.20	19.03	22.10	21.00	0.126
	132328	1745.6	132472	1760.0	16QAM	1	49	1	0	20.72	22.73	23.80	22.70	0.186
						50	0	100	0	18.90	19.04	21.96	20.86	0.122
	132428	1755.6	132572	1770.0	16QAM	1	49	1	0	20.94	23.12	24.10	23.00	0.200
						50	0	100	0	18.99	19.27	22.12	21.02	0.126
10MHz+20MHz	132027	1715.5	132171	1729.9	64QAM	1	49	1	0	19.27	21.21	22.23	21.13	0.130
						50	0	100	0	19.28	19.11	22.18	21.08	0.128
	132328	1745.6	132472	1760.0	64QAM	1	49	1	0	18.03	20.05	21.11	20.01	0.100
						50	0	100	0	18.65	18.82	21.73	20.63	0.116
	132428	1755.6	132572	1770.0	64QAM	1	49	1	0	18.62	20.64	21.70	20.60	0.115
						50	0	100	0	18.83	18.13	21.48	20.38	0.109
10MHz+20MHz	132027	1715.5	132171	1729.9	256QAM	1	49	1	0	17.44	19.18	20.20	19.10	0.081
						50	0	100	0	17.16	17.05	20.09	18.99	0.079
	132328	1745.6	132472	1760.0	256QAM	1	49	1	0	17.05	19.03	20.02	18.92	0.078
						50	0	100	0	16.93	17.05	19.98	18.88	0.077
	132428	1755.6	132572	1770.0	256QAM	1	49	1	0	16.91	19.12	20.11	19.01	0.080
						50	0	100	0	17.04	17.24	20.13	19.03	0.080

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Part 27 / RSS 139_ EIRP Limit (W)			1		OUTPUT POWER FOR LTE BAND 66C (15MHz + 15MHz)									
Antenna Gain			-0.2											
Bandwidth	PCC		SCC1		Modulation	PCC RB		SCC1 RB		Conducted Average (dBm)			EIRP Average	EIRP Average
	Earfcn	MHz	Earfcn	MHz		Size	Offset	Size	Offset	PCC	SCC1	Total	(dBm)	(W)
15MHz+ 15MHz	132047	1717.5	132197	1732.5	QPSK	1	74	1	0	21.74	21.75	24.75	23.65	0.232
						75	0	75	0	20.15	19.98	23.08	21.98	0.158
	132347	1747.5	132497	1762.5	QPSK	1	74	1	0	21.09	21.13	24.12	23.02	0.200
						75	0	75	0	20.02	20.15	23.10	22.00	0.158
	132447	1757.5	132597	1772.5	QPSK	1	74	1	0	21.11	22.24	24.72	23.62	0.230
						75	0	75	0	20.14	20.36	23.26	22.16	0.164
15MHz+ 15MHz	132047	1717.5	132197	1732.5	16QAM	1	74	1	0	21.07	21.09	24.09	22.99	0.199
						75	0	75	0	19.05	18.90	21.99	20.89	0.123
	132347	1747.5	132497	1762.5	16QAM	1	74	1	0	20.19	21.23	23.75	22.65	0.184
						75	0	75	0	18.89	19.08	21.99	20.89	0.123
	132447	1757.5	132597	1772.5	16QAM	1	74	1	0	21.32	20.46	23.92	22.82	0.191
						75	0	75	0	19.02	19.20	22.12	21.02	0.126
15MHz+ 15MHz	132047	1717.5	132197	1732.5	64QAM	1	74	1	0	19.58	18.93	22.28	21.18	0.131
						75	0	75	0	19.14	18.93	22.05	20.95	0.124
	132347	1747.5	132497	1762.5	64QAM	1	74	1	0	17.76	17.91	20.85	19.75	0.094
						75	0	75	0	18.78	18.87	21.83	20.73	0.118
	132447	1757.5	132597	1772.5	64QAM	1	74	1	0	18.43	18.71	21.59	20.49	0.112
						75	0	75	0	18.43	18.57	21.51	20.41	0.110
15MHz+ 15MHz	132047	1717.5	132197	1732.5	256QAM	1	74	1	0	17.29	16.97	20.14	19.04	0.080
						75	0	75	0	17.15	16.98	20.07	18.97	0.079
	132347	1747.5	132497	1762.5	256QAM	1	74	1	0	17.11	16.57	19.86	18.76	0.075
						75	0	75	0	16.89	17.08	20.00	18.90	0.078
	132447	1757.5	132597	1772.5	256QAM	1	74	1	0	17.36	17.33	20.35	19.25	0.084
						75	0	75	0	17.49	16.76	20.16	19.06	0.081

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Part 27 / RSS 139_EIRP Limit (W)		1												
Antenna Gain		-0.2		OUTPUT POWER FOR LTE BAND 66C (20MHz + 10MHz)										
Bandwidth	PCC		SCC1		Modulation	PCC RB		SCC1 RB		Conducted Average (dBm)			EIRP Average (dBm)	EIRP Average (W)
	Earfcn	MHz	Earfcn	MHz		Size	Offset	Size	Offset	PCC	SCC1	Total		
20MHz+10MHz	132072	1720.0	132216	1734.4	QPSK	1	99	1	0	24.03	21.48	25.03	23.93	0.247
						100	0	50	0	20.25	20.03	23.13	22.03	0.160
	132373	1750.1	132517	1764.5	QPSK	1	99	1	0	23.30	21.56	24.54	23.44	0.221
						100	0	50	0	20.11	20.23	23.15	22.05	0.160
	132473	1760.1	132617	1774.5	QPSK	1	99	1	0	23.87	22.47	24.97	23.87	0.244
						100	0	50	0	20.18	20.37	23.26	22.16	0.164
20MHz+10MHz	132072	1720.0	132216	1734.4	16QAM	1	99	1	0	23.01	20.35	23.93	22.83	0.192
						100	0	50	0	19.17	18.88	22.02	20.92	0.124
	132373	1750.1	132517	1764.5	16QAM	1	99	1	0	22.66	20.69	23.65	22.55	0.180
						100	0	50	0	18.96	19.11	22.02	20.92	0.124
	132473	1760.1	132617	1774.5	16QAM	1	99	1	0	22.66	20.53	23.67	22.57	0.181
						100	0	50	0	19.06	19.29	22.16	21.06	0.128
20MHz+10MHz	132072	1720.0	132216	1734.4	64QAM	1	99	1	0	21.10	19.21	22.14	21.04	0.127
						100	0	50	0	19.16	18.94	22.04	20.94	0.124
	132373	1750.1	132517	1764.5	64QAM	1	99	1	0	19.81	17.64	20.73	19.63	0.092
						100	0	50	0	18.72	18.80	21.75	20.65	0.116
	132473	1760.1	132617	1774.5	64QAM	1	99	1	0	19.98	18.15	20.93	19.83	0.096
						100	0	50	0	18.23	18.40	21.30	20.20	0.105
20MHz+10MHz	132072	1720.0	132216	1734.4	256QAM	1	99	1	0	19.07	16.66	20.10	19.00	0.079
						100	0	50	0	17.20	16.98	20.08	18.98	0.079
	132373	1750.1	132517	1764.5	256QAM	1	99	1	0	18.48	17.04	19.75	18.65	0.073
						100	0	50	0	17.50	16.52	20.03	18.93	0.078
	132473	1760.1	132617	1774.5	256QAM	1	99	1	0	18.87	17.09	19.95	18.85	0.077
						100	0	50	0	17.16	17.35	20.24	19.14	0.082

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Part 27 / RSS 139_EIRP Limit (W)					OUTPUT POWER FOR LTE BAND 66C (15MHz + 20MHz)									
Antenna Gain														
Bandwidth	PCC		SCC1		Modulation	PCC RB		SCC1 RB		Conducted Average (dBm)			EIRP Average (dBm)	EIRP Average (W)
	Earfcn	MHz	Earfcn	MHz		Size	Offset	Size	Offset	PCC	SCC1	Total		
15MHz+20MHz	132050	1717.8	132221	1734.9	QPSK	1	74	1	0	21.77	21.68	24.74	23.64	0.231
						75	0	100	0	20.22	20.09	23.17	22.07	0.161
	132325	1745.3	132496	1762.4	QPSK	1	74	1	0	21.09	21.13	24.12	23.02	0.200
						75	0	100	0	20.03	20.20	23.13	22.03	0.160
	132401	1752.9	132572	1770.0	QPSK	1	74	1	0	21.33	22.49	24.96	23.86	0.243
						75	0	100	0	20.08	20.33	23.22	22.12	0.163
15MHz+20MHz	132050	1717.8	132221	1734.9	16QAM	1	74	1	0	21.07	20.92	24.01	22.91	0.195
						75	0	100	0	19.11	18.97	22.05	20.95	0.124
	132325	1745.3	132496	1762.4	16QAM	1	74	1	0	20.64	20.73	23.69	22.59	0.182
						75	0	100	0	18.92	19.11	22.02	20.92	0.124
	132401	1752.9	132572	1770.0	16QAM	1	74	1	0	20.71	21.17	23.95	22.85	0.193
						75	0	100	0	19.50	18.72	22.14	21.04	0.127
15MHz+20MHz	132050	1717.8	132221	1734.9	64QAM	1	74	1	0	18.77	19.29	22.05	20.95	0.124
						75	0	100	0	19.22	18.99	22.11	21.01	0.126
	132325	1745.3	132496	1762.4	64QAM	1	74	1	0	18.40	18.39	21.40	20.30	0.107
						75	0	100	0	18.63	18.84	21.75	20.65	0.116
	132401	1752.9	132572	1770.0	64QAM	1	74	1	0	19.01	18.74	21.89	20.79	0.120
						75	0	100	0	18.26	18.55	21.42	20.32	0.108
15MHz+20MHz	132050	1717.8	132221	1734.9	256QAM	1	74	1	0	16.61	17.58	20.13	19.03	0.080
						75	0	100	0	17.12	16.91	22.03	20.93	0.124
	132325	1745.3	132496	1762.4	256QAM	1	74	1	0	16.72	16.61	19.68	18.58	0.072
						75	0	100	0	16.85	17.10	19.99	18.89	0.077
	132401	1752.9	132572	1770.0	256QAM	1	74	1	0	16.85	17.37	20.12	19.02	0.080
						75	0	100	0	16.90	17.27	20.10	19.00	0.079

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Part 27 / RSS 139_EIRP Limit (W)					OUTPUT POWER FOR LTE BAND 66C (20MHz + 15MHz)									
Antenna Gain														
Bandwidth	PCC		SCC1		Modulation	PCC RB		SCC1 RB		Conducted Average (dBm)			EIRP Average (dBm)	EIRP Average (W)
	Earfcn	MHz	Earfcn	MHz		Size	Offset	Size	Offset	PCC	SCC1	Total		
20MHz+15MHz	132072	1720.0	132243	1737.1	QPSK	1	99	1	0	21.89	21.85	24.88	23.78	0.239
						100	0	75	0	20.29	20.08	23.19	22.09	0.162
	132348	1747.6	132519	1764.7	QPSK	1	99	1	0	21.62	21.65	24.64	23.54	0.226
						100	0	75	0	20.07	20.21	23.16	22.06	0.161
	132423	1755.1	132594	1772.2	QPSK	1	99	1	0	21.84	21.88	24.87	23.77	0.238
						100	0	75	0	20.08	20.36	23.23	22.13	0.163
20MHz+15MHz	132072	1720.0	132243	1737.1	16QAM	1	99	1	0	21.40	21.42	24.42	23.32	0.215
						100	0	75	0	19.11	18.88	22.01	20.91	0.123
	132348	1747.6	132519	1764.7	16QAM	1	99	1	0	20.91	21.44	24.19	23.09	0.204
						100	0	75	0	18.79	19.10	21.96	20.86	0.122
	132423	1755.1	132594	1772.2	16QAM	1	99	1	0	21.08	21.50	24.30	23.20	0.209
						100	0	75	0	19.00	19.22	22.11	21.01	0.126
20MHz+15MHz	132072	1720.0	132243	1737.1	64QAM	1	99	1	0	18.93	19.17	22.06	20.96	0.125
						100	0	75	0	19.13	19.00	22.05	20.95	0.124
	132348	1747.6	132519	1764.7	64QAM	1	99	1	0	18.51	18.38	21.35	20.25	0.106
						100	0	75	0	18.50	18.68	21.60	20.50	0.112
	132423	1755.1	132594	1772.2	64QAM	1	99	1	0	18.48	18.67	21.57	20.47	0.111
						100	0	75	0	18.18	18.49	21.35	20.25	0.106
20MHz+15MHz	132072	1720.0	132243	1737.1	256QAM	1	99	1	0	17.05	16.97	20.05	18.95	0.079
						100	0	75	0	17.09	16.85	19.98	18.88	0.077
	132348	1747.6	132519	1764.7	256QAM	1	99	1	0	16.94	17.34	20.16	19.06	0.081
						100	0	75	0	16.91	17.12	20.03	18.93	0.078
	132423	1755.1	132594	1772.2	256QAM	1	99	1	0	17.39	17.54	20.48	19.38	0.087
						100	0	75	0	17.54	16.71	20.15	19.05	0.080

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Part 27 / RSS 139_EIRP Limit (W)					OUTPUT POWER FOR LTE BAND 66C (20MHz + 20MHz)									
Antenna Gain														
Bandwidth	PCC		SCC1		Modulation	PCC RB		SCC1 RB		Conducted Average (dBm)			EIRP Average (dBm)	EIRP Average (W)
	Earfcn	MHz	Earfcn	MHz		Size	Offset	Size	Offset	PCC	SCC1	Total		
20MHz+20MHz	132072	1720.0	132270	1739.8	QPSK	1	99	1	0	23.22	20.03	24.92	23.82	0.241
						100	0	100	0	20.17	19.96	23.07	21.97	0.157
	132323	1745.1	132521	1764.9	QPSK	1	99	1	0	21.63	21.72	24.69	23.59	0.229
						100	0	100	0	19.99	20.15	23.08	21.98	0.158
	132374	1750.2	132572	1770.0	QPSK	1	99	1	0	20.68	20.73	23.71	22.61	0.182
						100	0	100	0	20.02	20.29	23.17	22.07	0.161
20MHz+20MHz	132072	1720.0	132270	1739.8	16QAM	1	99	1	0	21.07	21.15	24.12	23.02	0.200
						100	0	100	0	19.18	19.01	22.11	21.01	0.126
	132323	1745.1	132521	1764.9	16QAM	1	99	1	0	20.63	21.73	24.23	23.13	0.206
						100	0	100	0	19.01	19.23	22.13	21.03	0.127
	132374	1750.2	132572	1770.0	16QAM	1	99	1	0	19.55	20.15	22.87	21.77	0.150
						100	0	100	0	19.02	19.33	22.19	21.09	0.129
20MHz+20MHz	132072	1720.0	132270	1739.8	64QAM	1	99	1	0	19.22	18.91	22.08	20.98	0.125
						100	0	100	0	19.30	19.02	22.17	21.07	0.128
	132323	1745.1	132521	1764.9	64QAM	1	99	1	0	18.76	18.96	21.87	20.77	0.119
						100	0	100	0	18.73	18.99	21.87	20.77	0.119
	132374	1750.2	132572	1770.0	64QAM	1	99	1	0	16.93	17.19	20.07	18.97	0.079
						100	0	100	0	18.55	18.82	21.70	20.60	0.115
20MHz+20MHz	132072	1720.0	132270	1739.8	256QAM	1	99	1	0	16.91	17.37	20.16	19.06	0.081
						100	0	100	0	17.29	17.03	20.17	19.07	0.081
	132323	1745.1	132521	1764.9	256QAM	1	99	1	0	17.06	17.33	20.21	19.11	0.081
						100	0	100	0	17.03	17.32	20.19	19.09	0.081
	132374	1750.2	132572	1770.0	256QAM	1	99	1	0	16.21	16.00	19.12	18.02	0.063
						100	0	100	0	17.05	17.40	20.24	19.14	0.082

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Part 24 _ EIRP Limit (W)			1		OUTPUT POWER FOR LTE BAND 66B (5MHz + 5MHz)									
Antenna Gain			-0.2											
Bandwidth	PCC		SCC1		Modulation	PCC RB		SCC1 RB		Conducted Average (dBm)			EIRP Average	EIRP Average
	Earfcn	MHz	Earfcn	MHz		Size	Offset	Size	Offset	PCC	SCC1	Total	(dBm)	(W)
5MHz+ 5MHz	131997	1712.5	132045	1717.3	QPSK	1	24	1	0	20.97	22.06	24.54	24.34	0.272
						25	0	25	0	20.17	20.13	23.16	22.96	0.198
	132398	1752.6	132446	1757.4	QPSK	1	24	1	0	21.53	21.47	24.50	24.30	0.269
						25	0	25	0	20.04	20.07	23.07	22.87	0.194
	132599	1772.7	132647	1777.5	QPSK	1	24	1	0	21.76	21.69	24.72	24.52	0.283
						25	0	25	0	20.43	20.38	23.41	23.21	0.209
5MHz+ 5MHz	131997	1712.5	132045	1717.3	16QAM	1	24	1	0	20.47	21.56	24.05	23.85	0.243
						25	0	25	0	19.28	19.27	22.28	22.08	0.161
	132398	1752.6	132446	1757.4	16QAM	1	24	1	0	20.74	21.19	23.97	23.77	0.238
						25	0	25	0	18.97	19.07	22.03	21.83	0.152
	132599	1772.7	132647	1777.5	16QAM	1	24	1	0	21.03	21.39	24.21	24.01	0.252
						25	0	25	0	19.43	19.57	22.51	22.31	0.170
5MHz+ 5MHz	131997	1712.5	132045	1717.3	64QAM	1	24	1	0	18.84	18.97	21.91	21.71	0.148
						25	0	25	0	19.14	18.96	22.06	21.86	0.153
	132398	1752.6	132446	1757.4	64QAM	1	24	1	0	19.67	18.55	22.15	21.95	0.157
						25	0	25	0	19.05	19.00	22.04	21.84	0.153
	132599	1772.7	132647	1777.5	64QAM	1	24	1	0	18.49	19.49	22.02	21.82	0.152
						25	0	25	0	18.90	19.00	21.96	21.76	0.150
5MHz+ 5MHz	131997	1712.5	132045	1717.3	256QAM	1	24	1	0	17.33	16.98	20.16	19.96	0.099
						25	0	25	0	17.33	17.19	20.27	20.07	0.102
	132398	1752.6	132446	1757.4	256QAM	1	24	1	0	17.57	17.05	20.32	20.12	0.103
						25	0	25	0	17.01	17.09	20.06	19.86	0.097
	132599	1772.7	132647	1777.5	256QAM	1	24	1	0	17.57	17.69	20.64	20.44	0.111
						25	0	25	0	17.91	17.01	20.49	20.29	0.107

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Part 27 / RSS 139_ EIRP Limit (W)	1
Antenna Gain	-0.2

OUTPUT POWER FOR LTE BAND 66B (5MHz + 10MHz)

Bandwidth	PCC		SCC1		Modulation	PCC RB		SCC1 RB		Conducted Average (dBm)			EIRP Average (dBm)	EIRP Average (W)
	Earfcn	MHz	Earfcn	MHz		Size	Offset	Size	Offset	PCC	SCC1	Total		
5MHz+10MHz	132000	1712.8	132072	1720.0	QPSK	1	24	1	0	21.89	23.07	24.88	24.68	0.294
						25	0	50	0	20.22	20.18	23.18	22.98	0.199
	132375	1750.3	132447	1757.5	QPSK	1	24	1	0	21.66	22.88	24.63	24.43	0.277
						25	0	50	0	19.98	20.07	23.02	22.82	0.191
	132550	1767.8	132622	1775.0	QPSK	1	24	1	0	21.92	23.02	24.91	24.71	0.296
						25	0	50	0	20.29	20.42	23.34	23.14	0.206
5MHz+10MHz	132000	1712.8	132072	1720.0	16QAM	1	24	1	0	21.90	21.73	24.15	23.95	0.248
						25	0	50	0	19.12	18.95	22.02	21.82	0.152
	132375	1750.3	132447	1757.5	16QAM	1	24	1	0	20.56	22.30	24.01	23.81	0.240
						25	0	50	0	18.84	18.86	21.83	21.63	0.146
	132550	1767.8	132622	1775.0	16QAM	1	24	1	0	20.94	22.31	24.07	23.87	0.244
						25	0	50	0	19.06	19.22	22.12	21.92	0.156
5MHz+10MHz	132000	1712.8	132072	1720.0	64QAM	1	24	1	0	19.04	20.16	22.09	21.89	0.155
						25	0	50	0	19.03	19.02	22.01	21.81	0.152
	132375	1750.3	132447	1757.5	64QAM	1	24	1	0	18.80	19.75	21.70	21.50	0.141
						25	0	50	0	18.88	18.92	21.89	21.69	0.148
	132550	1767.8	132622	1775.0	64QAM	1	24	1	0	19.34	19.91	21.95	21.75	0.150
						25	0	50	0	18.81	18.92	21.84	21.64	0.146
5MHz+10MHz	132000	1712.8	132072	1720.0	256QAM	1	24	1	0	17.24	18.28	20.18	19.98	0.100
						25	0	50	0	17.13	17.03	20.06	19.86	0.097
	132375	1750.3	132447	1757.5	256QAM	1	24	1	0	16.94	18.00	19.86	19.66	0.092
						25	0	50	0	16.81	16.91	19.84	19.64	0.092
	132550	1767.8	132622	1775.0	256QAM	1	24	1	0	17.70	18.39	20.28	20.08	0.102
						25	0	50	0	17.06	17.18	20.11	19.91	0.098

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Part 27 / RSS 139_EIRP Limit (W)		1												
Antenna Gain		-0.2		OUTPUT POWER FOR LTE BAND 66B (10MHz + 5MHz)										
Bandwidth	PCC		SCC1		Modulation	PCC RB		SCC1 RB		Conducted Average (dBm)			EIRP Average (dBm)	EIRP Average (W)
	Earfcn	MHz	Earfcn	MHz		Size	Offset	Size	Offset	PCC	SCC1	Total		
10MHz+5MHz	132022	1715.0	132094	1722.2	QPSK	1	49	1	0	22.90	21.85	24.82	24.62	0.290
						50	0	25	0	20.24	20.10	23.15	22.95	0.197
	132397	1752.5	132469	1759.7	QPSK	1	49	1	0	22.44	22.21	24.72	24.52	0.283
						50	0	25	0	20.10	20.12	23.09	22.89	0.195
	132572	1770.0	132644	1777.2	QPSK	1	49	1	0	22.78	20.96	24.51	24.31	0.270
						50	0	25	0	20.34	20.37	23.33	23.13	0.206
10MHz+5MHz	132022	1715.0	132094	1722.2	16QAM	1	49	1	0	22.94	21.36	24.61	24.41	0.276
						50	0	25	0	9.05	18.97	22.00	21.80	0.151
	132397	1752.5	132469	1759.7	16QAM	1	49	1	0	22.17	21.24	24.15	23.95	0.248
						50	0	25	0	18.38	19.39	21.90	21.70	0.148
	132572	1770.0	132644	1777.2	16QAM	1	49	1	0	21.99	21.09	23.97	23.77	0.238
						50	0	25	0	19.21	19.16	22.17	21.97	0.157
10MHz+5MHz	132022	1715.0	132094	1722.2	64QAM	1	49	1	0	20.43	18.56	22.08	21.88	0.154
						50	0	25	0	19.11	19.01	22.05	21.85	0.153
	132397	1752.5	132469	1759.7	64QAM	1	49	1	0	20.22	19.19	22.14	21.94	0.156
						50	0	25	0	18.92	18.91	21.90	21.70	0.148
	132572	1770.0	132644	1777.2	64QAM	1	49	1	0	20.01	18.56	21.73	21.53	0.142
						50	0	25	0	18.86	18.89	21.86	21.66	0.147
10MHz+5MHz	132022	1715.0	132094	1722.2	256QAM	1	49	1	0	18.21	17.04	20.04	19.84	0.096
						50	0	25	0	17.11	16.95	20.02	19.82	0.096
	132397	1752.5	132469	1759.7	256QAM	1	49	1	0	17.90	16.74	19.81	19.61	0.091
						50	0	25	0	16.92	17.00	19.94	19.74	0.094
	132572	1770.0	132644	1777.2	256QAM	1	49	1	0	18.31	17.03	20.22	20.02	0.100
						50	0	25	0	17.16	17.18	20.15	19.95	0.099

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Part 27 / RSS 139_EIRP Limit (W)	1
Antenna Gain	-0.2

OUTPUT POWER FOR LTE BAND 66B (5MHz + 15MHz)

Bandwidth	PCC		SCC1		Modulation	PCC RB		SCC1 RB		Conducted Average (dBm)			EIRP Average (dBm)	EIRP Average (W)
	Earfcn	MHz	Earfcn	MHz		Size	Offset	Size	Offset	PCC	SCC1	Total		
5MHz+15MHz	132002	1713.0	132095	1722.3	QPSK	1	24	1	0	22.60	25.56	25.58	25.38	0.345
						25	0	75	0	20.28	20.54	23.20	23.00	0.200
	132353	1748.1	132446	1757.4	QPSK	1	24	1	0	21.96	24.47	24.48	24.28	0.268
						25	0	75	0	19.91	20.45	22.99	22.79	0.190
	132504	1763.2	132597	1772.5	QPSK	1	24	1	0	22.38	25.35	25.35	25.15	0.327
						25	0	75	0	20.20	20.66	23.26	23.06	0.202
5MHz+15MHz	132002	1713.0	132095	1722.3	16QAM	1	24	1	0	21.78	24.46	24.46	24.26	0.267
						25	0	75	0	19.08	19.36	22.00	21.80	0.151
	132353	1748.1	132446	1757.4	16QAM	1	24	1	0	21.76	24.12	24.12	23.92	0.247
						25	0	75	0	18.83	19.31	21.88	21.68	0.147
	132504	1763.2	132597	1772.5	16QAM	1	24	1	0	21.90	24.29	24.29	24.09	0.256
						25	0	75	0	19.03	19.55	22.10	21.90	0.155
5MHz+15MHz	132002	1713.0	132095	1722.3	64QAM	1	24	1	0	19.12	22.06	22.06	21.86	0.153
						25	0	75	0	19.15	19.28	22.03	21.83	0.152
	132353	1748.1	132446	1757.4	64QAM	1	24	1	0	18.78	21.86	21.86	21.66	0.147
						25	0	75	0	18.85	19.25	21.85	21.65	0.146
	132504	1763.2	132597	1772.5	64QAM	1	24	1	0	19.12	22.22	22.22	22.02	0.159
						25	0	75	0	19.04	19.53	22.10	21.90	0.155
5MHz+15MHz	132002	1713.0	132095	1722.3	256QAM	1	24	1	0	17.18	20.24	20.24	20.04	0.101
						25	0	75	0	16.66	17.86	20.12	19.92	0.098
	132353	1748.1	132446	1757.4	256QAM	1	24	1	0	16.87	19.81	19.81	19.61	0.091
						25	0	75	0	16.78	17.36	19.87	19.67	0.093
	132504	1763.2	132597	1772.5	256QAM	1	24	1	0	16.90	20.11	20.11	19.91	0.098
						25	0	75	0	17.14	17.58	20.16	19.96	0.099

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Part 27 / RSS 139_EIRP Limit (W)		1												
Antenna Gain		-0.2		OUTPUT POWER FOR LTE BAND 66B (10MHz + 10MHz)										
Bandwidth	PCC		SCC1		Modulation	PCC RB		SCC1 RB		Conducted Average (dBm)			EIRP Average (dBm)	EIRP Average (W)
	Earfcn	MHz	Earfcn	MHz		Size	Offset	Size	Offset	PCC	SCC1	Total		
10MHz+10MHz	132022	1715.0	132121	1724.9	QPSK	1	49	1	0	22.52	21.49	25.05	24.85	0.305
						50	0	50	0	20.21	20.01	23.12	22.92	0.196
	132373	1750.1	132472	1760.0	QPSK	1	49	1	0	21.99	22.01	25.01	24.81	0.303
						50	0	50	0	19.87	20.00	22.95	22.75	0.188
	132523	1765.1	132622	1775.0	QPSK	1	49	1	0	21.88	21.85	24.88	24.68	0.294
						50	0	50	0	20.13	20.34	23.25	23.05	0.202
10MHz+10MHz	132022	1715.0	132121	1724.9	16QAM	1	49	1	0	21.47	21.55	24.52	24.32	0.270
						50	0	50	0	19.28	19.08	22.20	22.00	0.158
	132373	1750.1	132472	1760.0	16QAM	1	49	1	0	21.40	20.67	24.06	23.86	0.243
						50	0	50	0	19.05	19.15	22.11	21.91	0.155
	132523	1765.1	132622	1775.0	16QAM	1	49	1	0	21.38	21.17	24.29	24.09	0.256
						50	0	50	0	19.17	19.45	22.32	22.12	0.163
10MHz+10MHz	132022	1715.0	132121	1724.9	64QAM	1	49	1	0	19.43	18.96	22.21	22.01	0.159
						50	0	50	0	19.32	19.08	22.21	22.01	0.159
	132373	1750.1	132472	1760.0	64QAM	1	49	1	0	18.94	18.82	21.89	21.69	0.148
						50	0	50	0	18.93	19.09	22.02	21.82	0.152
	132523	1765.1	132622	1775.0	64QAM	1	49	1	0	19.12	18.96	22.05	21.85	0.153
						50	0	50	0	19.18	19.24	22.22	22.02	0.159
10MHz+10MHz	132022	1715.0	132121	1724.9	256QAM	1	49	1	0	17.08	16.97	20.04	19.84	0.096
						50	0	50	0	17.26	17.13	20.20	20.00	0.100
	132373	1750.1	132472	1760.0	256QAM	1	49	1	0	17.07	16.89	20.00	19.80	0.095
						50	0	50	0	16.99	17.09	20.05	19.85	0.097
	132523	1765.1	132622	1775.0	256QAM	1	49	1	0	16.98	17.20	20.10	19.90	0.098
						50	0	50	0	17.24	17.35	20.31	20.11	0.103

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Part 27 / RSS 139_EIRP Limit (W)		1												
Antenna Gain		-0.2		OUTPUT POWER FOR LTE BAND 66B (15MHz + 5MHz)										
Bandwidth	PCC		SCC1		Modulation	PCC RB		SCC1 RB		Conducted Average (dBm)			EIRP Average (dBm)	EIRP Average (W)
	Earfcn	MHz	Earfcn	MHz		Size	Offset	Size	Offset	PCC	SCC1	Total		
15MHz+5MHz	132047	1717.5	132140	1726.8	QPSK	1	74	1	0	25.38	22.47	25.40	25.20	0.331
						75	0	25	0	20.61	20.01	23.13	22.93	0.196
	132398	1752.6	132491	1761.9	QPSK	1	74	1	0	25.14	22.16	25.15	24.95	0.313
						75	0	25	0	20.45	20.21	23.05	22.85	0.193
	132549	1767.7	132642	1777.0	QPSK	1	74	1	0	24.93	21.43	24.94	24.74	0.298
						75	0	25	0	21.42	19.23	23.30	23.10	0.204
15MHz+5MHz	132047	1717.5	132140	1726.8	16QAM	1	74	1	0	24.30	21.29	24.31	24.11	0.258
						75	0	25	0	19.48	18.80	21.94	21.74	0.149
	132398	1752.6	132491	1761.9	16QAM	1	74	1	0	23.87	21.68	23.87	23.67	0.233
						75	0	25	0	19.20	18.85	21.82	21.62	0.145
	132549	1767.7	132642	1777.0	16QAM	1	74	1	0	24.11	21.46	24.12	23.92	0.247
						75	0	25	0	19.49	19.26	22.16	21.96	0.157
15MHz+5MHz	132047	1717.5	132140	1726.8	64QAM	1	74	1	0	22.27	19.32	22.27	22.07	0.161
						75	0	25	0	19.42	18.99	22.02	21.82	0.152
	132398	1752.6	132491	1761.9	64QAM	1	74	1	0	21.94	19.25	21.95	21.75	0.150
						75	0	25	0	18.83	19.50	21.96	21.76	0.150
	132549	1767.7	132642	1777.0	64QAM	1	74	1	0	21.70	18.80	21.70	21.50	0.141
						75	0	25	0	19.68	18.45	21.93	21.73	0.149
15MHz+5MHz	132047	1717.5	132140	1726.8	256QAM	1	74	1	0	20.00	15.58	20.00	19.80	0.095
						75	0	25	0	17.48	16.90	19.99	19.79	0.095
	132398	1752.6	132491	1761.9	256QAM	1	74	1	0	19.87	16.32	19.87	19.67	0.093
						75	0	25	0	17.31	16.93	19.92	19.72	0.094
	132549	1767.7	132642	1777.0	256QAM	1	74	1	0	20.43	18.08	20.43	20.23	0.105
						75	0	25	0	17.57	17.20	20.16	19.96	0.099

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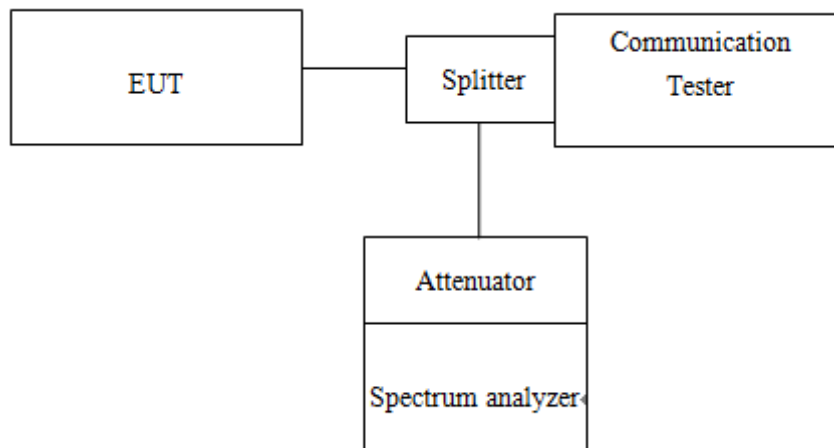
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8 OCCUPIED BANDWIDTH MEASUREMENT

8.1 Standard Applicable

The occupied bandwidth is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers radiated are each equal to 0.5 percent of the total mean power.

8.2 Test Set-up



8.3 Measurement Procedure

99% & 26dB Bandwidth with detector peak

The EUT's output RF connector was connected with a short cable to the spectrum analyzer, RBW was set to about 1% of emission BW, VBW= 3 times RBW, -26dBc display line was placed on the screen (or 26dB bandwidth), the occupied bandwidth is the delta frequency between the two points where the display line intersects the signal trace. Then set RBW to 99% bandwidth, RBW= 1%, VBW= 3 RBW, with span > 2 * Signal BW, set % Power = 99%.

99% Bandwidth with detector sample

The EUT's output RF connector was connected with a short cable to the spectrum analyzer, RBW was set to about 1% ~ 5% of emission BW, VBW= 3 times RBW, -20dBc display line was placed on the screen (or 20dB bandwidth). Set RBW to 99% bandwidth, RBW= 1% ~ 5%, VBW= 3 RBW, with span > 2 * Signal BW, set % Power = 99%.

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8.4 Measurement Result

LTE BAND 2C

Band	Bandwidth	RB Allocation/RB Offset	Frequency (MHz)	99% BW (MHz)				26 dB BW (MHz)			
				QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
LTE BAND 2C	5MHz + 20MHz	25/0 + 100/0	1880.0	22.991	22.954	22.961	22.991	24.45	24.34	24.39	24.46
LTE BAND 2C	20MHz + 5MHz	100/0 + 25/0	1880.0	22.815	22.949	22.95	22.938	24.52	24.49	24.44	24.49
LTE BAND 2C	10MHz + 15MHz	50/0 + 75/0	1880.0	23.208	23.174	23.209	23.249	24.84	24.72	24.75	24.75
LTE BAND 2C	15MHz + 10MHz	75/0 + 50/0	1880.0	23.184	23.208	23.192	23.169	24.86	24.82	24.91	24.95
LTE BAND 2C	10MHz + 20MHz	50/0 + 100/0	1880.0	27.859	27.883	27.871	27.813	29.93	29.68	29.68	29.58
LTE BAND 2C	20MHz + 10MHz	100/0 + 50/0	1880.0	27.881	27.840	27.885	27.838	29.84	29.65	29.73	29.73
LTE BAND 2C	15MHz + 15MHz	75/0 + 75/0	1880.0	28.457	28.453	28.418	28.449	34.02	30.41	30.5	30.52
LTE BAND 2C	15MHz + 20MHz	75/0 + 100/0	1880.0	32.771	32.814	32.756	32.759	35.01	34.92	34.98	35.03
LTE BAND 2C	20MHz + 15MHz	100/0 + 75/0	1880.0	32.787	32.738	32.742	32.759	34.97	34.87	34.98	35.08
LTE BAND 2C	20MHz + 20MHz	100/0 + 100/0	1880.0	37.805	37.720	37.747	37.726	44.73	41.33	40.18	40.23

LTE BAND 5B

Band	Bandwidth	RB Allocation/RB Offset	Frequency (MHz)	99% BW (MHz)				26 dB BW (MHz)			
				QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
LTE BAND 5B	5MHz + 10MHz	25/0 + 50/0	836.5	13.909	13.906	13.911	13.909	14.89	14.93	14.82	14.86
LTE BAND 5B	10MHz + 5MHz	50/0 + 25/0	836.5	13.943	13.914	13.907	13.91	14.89	14.8	14.86	14.8
LTE BAND 5B	10MHz + 10MHz	50/0 + 50/0	836.5	18.814	18.835	18.8	18.816	20.17	20.09	20.18	20.08

LTE BAND 7C

Band	Bandwidth	RB Allocation/RB Offset	Frequency (MHz)	99% BW (MHz)				26 dB BW (MHz)			
				QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
LTE BAND 7C	10MHz + 20MHz	50/0 + 100/0	2535.0	27.854	27.833	27.775	27.788	29.69	29.58	29.63	29.73
LTE BAND 7C	20MHz + 10MHz	100/0 + 50/0	2535.0	27.919	27.851	27.865	27.851	29.75	29.66	29.7	29.82
LTE BAND 7C	15MHz + 15MHz	75/0 + 75/0	2535.0	28.447	28.414	28.429	28.425	30.45	30.38	30.34	30.32
LTE BAND 7C	15MHz + 20MHz	75/0 + 100/0	2535.0	32.763	32.704	32.691	32.735	34.78	34.73	34.82	34.89
LTE BAND 7C	20MHz + 15MHz	100/0 + 75/0	2535.0	32.754	32.777	32.735	32.681	34.86	34.92	34.99	34.85
LTE BAND 7C	20MHz + 20MHz	100/0 + 100/0	2535.0	37.646	37.616	37.63	37.693	39.59	39.48	39.43	39.56

LTE BAND 38C

Band	Bandwidth	RB Allocation/RB Offset	Frequency (MHz)	99% BW (MHz)				26 dB BW (MHz)			
				QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
LTE BAND 38C	15MHz + 15MHz	75/0 + 75/0	2595.0	28.457	28.443	28.44	28.459	31.28	30.98	31.73	30.97
LTE BAND 38C	20MHz + 20MHz	100/0 + 100/0	2595.0	37.782	37.788	37.693	37.752	41.65	41.26	41.08	41.71

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LTE BAND 41C

Band	Bandwidth	RB Allocation/RB Offset	Frequency (MHz)	99% BW (MHz)				26 dB BW (MHz)			
				QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
LTE BAND 41C	5MHz + 20MHz	25/0 + 100/0	2593.0	22.957	22.986	22.959	22.995	24.79	25.73	24.54	24.87
LTE BAND 41C	20MHz + 5MHz	100/0 + 25/0	2593.0	23.019	22.993	22.941	22.987	25.02	25.66	24.45	24.83
LTE BAND 41C	10MHz + 20MHz	50/0 + 100/0	2593.0	27.907	27.847	27.86	27.87	30.65	31.75	30.43	30.23
LTE BAND 41C	20MHz + 10MHz	100/0 + 50/0	2593.0	27.88	27.872	27.871	27.869	30.66	29.7	31.26	30.31
LTE BAND 41C	15MHz + 15MHz	75/0 + 75/0	2593.0	28.47	28.457	28.453	28.434	30.76	30.46	32.46	30.76
LTE BAND 41C	15MHz + 20MHz	75/0 + 100/0	2593.0	32.798	32.753	32.725	32.742	36.42	36.24	35.68	35.58
LTE BAND 41C	20MHz + 15MHz	100/0 + 75/0	2593.0	32.771	32.812	32.748	32.755	35.9	36.09	35.56	35.42
LTE BAND 41C	20MHz + 20MHz	100/0 + 100/0	2593.0	37.679	37.768	37.766	37.73	44.38	41.61	41.28	40.98

LTE BAND 66C

Band	Bandwidth	RB Allocation/RB Offset	Frequency (MHz)	99% BW (MHz)				26 dB BW (MHz)			
				QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
LTE BAND 66C	5MHz + 20MHz	25/0 + 100/0	1745.0	22.973	22.947	22.933	22.92	24.46	24.42	24.37	24.55
LTE BAND 66C	20MHz + 5MHz	100/0 + 25/0	1745.0	23.007	22.957	22.981	22.954	24.51	24.34	24.37	24.25
LTE BAND 66C	10MHz + 15MHz	50/0 + 75/0	1745.0	23.203	23.238	23.255	23.179	24.87	24.79	24.88	24.8
LTE BAND 66C	15MHz + 10MHz	75/0 + 50/0	1745.0	23.212	23.225	23.238	23.19	24.88	24.93	26.57	24.75
LTE BAND 66C	10MHz + 20MHz	50/0 + 100/0	1745.0	27.862	27.847	27.923	27.835	29.63	29.57	30.12	29.83
LTE BAND 66C	20MHz + 10MHz	100/0 + 50/0	1745.0	27.906	27.884	27.856	27.836	29.84	29.71	29.57	29.92
LTE BAND 66C	15MHz + 15MHz	75/0 + 75/0	1745.0	28.438	28.453	28.436	28.429	31.03	30.45	30.42	30.44
LTE BAND 66C	15MHz + 20MHz	75/0 + 100/0	1745.0	32.789	32.782	32.758	32.744	34.87	35.07	34.93	34.85
LTE BAND 66C	20MHz + 15MHz	100/0 + 75/0	1745.0	32.786	32.743	32.768	32.739	34.95	34.72	35	34.95
LTE BAND 66C	20MHz + 20MHz	100/0 + 100/0	1745.0	37.748	37.689	37.708	37.683	40.23	40.12	40.29	40.2

LTE BAND 66B

Band	Bandwidth	RB Allocation/RB Offset	Frequency (MHz)	99% BW (MHz)				26 dB BW (MHz)			
				QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
LTE BAND 66B	5MHz + 5MHz	25/0 + 25/0	1745.0	9.2737	9.272	9.2605	9.2638	9.941	10.01	9.968	10.02
LTE BAND 66B	5MHz + 10MHz	25/0 + 50/0	1745.0	13.888	13.878	13.903	13.882	14.84	14.72	14.85	14.85
LTE BAND 66B	10MHz + 5MHz	50/0 + 25/0	1745.0	13.898	13.927	13.889	13.896	14.85	14.85	14.85	14.87
LTE BAND 66B	5MHz + 15MHz	25/0 + 75/0	1745.0	18.224	18.226	18.218	18.192	19.2	19.2	19.29	19.21
LTE BAND 66B	15MHz + 5MHz	75/0 + 25/0	1745.0	18.256	18.264	18.264	18.233	19.49	19.33	19.24	19.35
LTE BAND 66B	10MHz + 10MHz	50/0 + 50/0	1745.0	18.819	18.840	18.79	18.837	20.11	20.04	20.11	20.03

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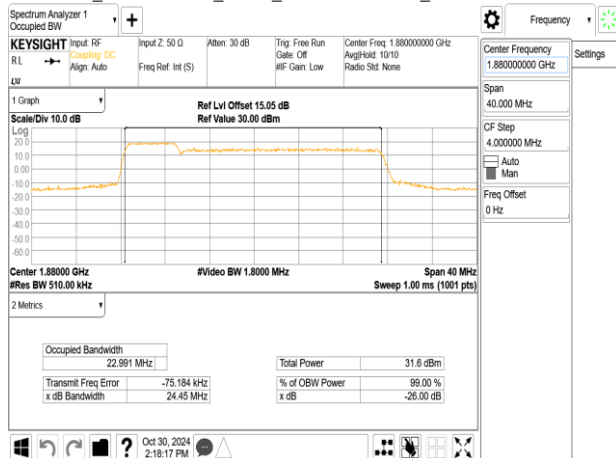
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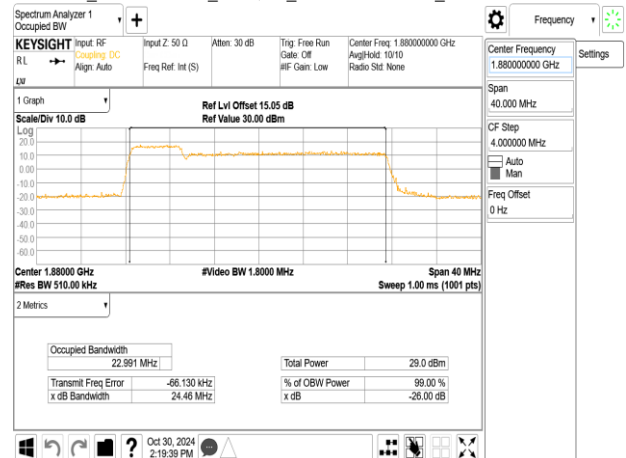
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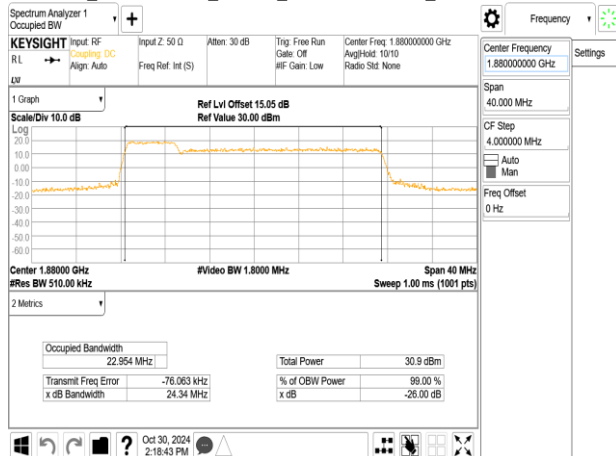
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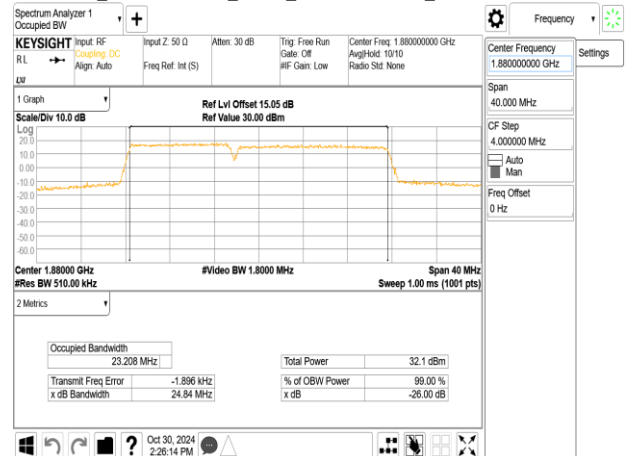
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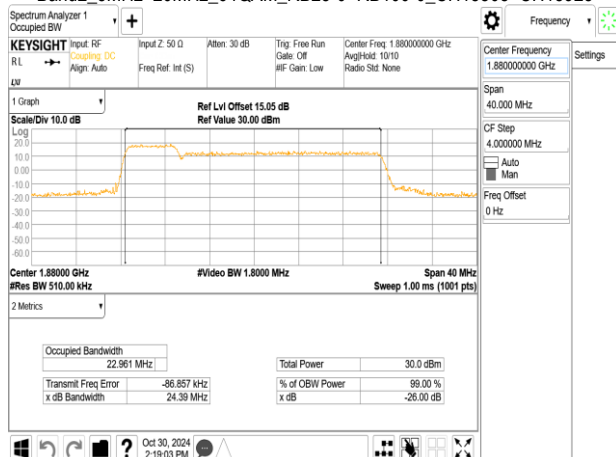
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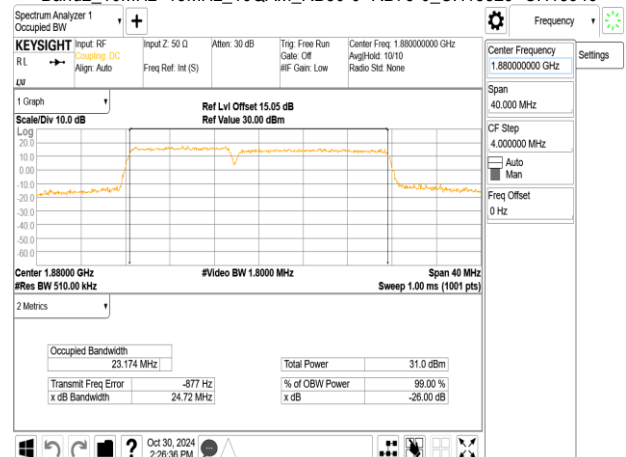
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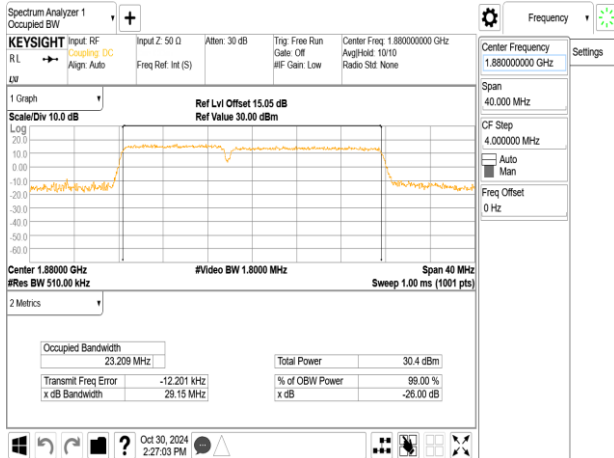


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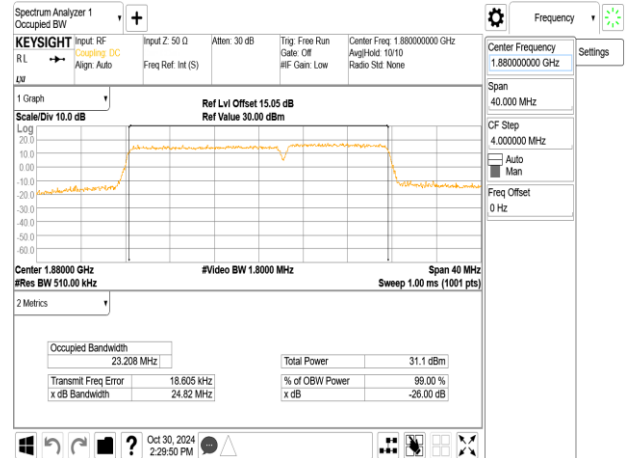
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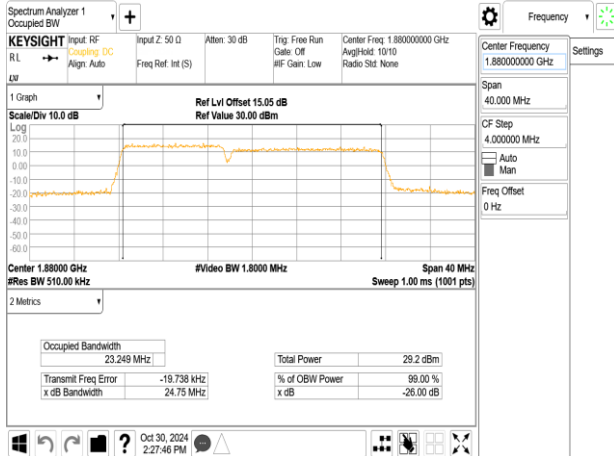
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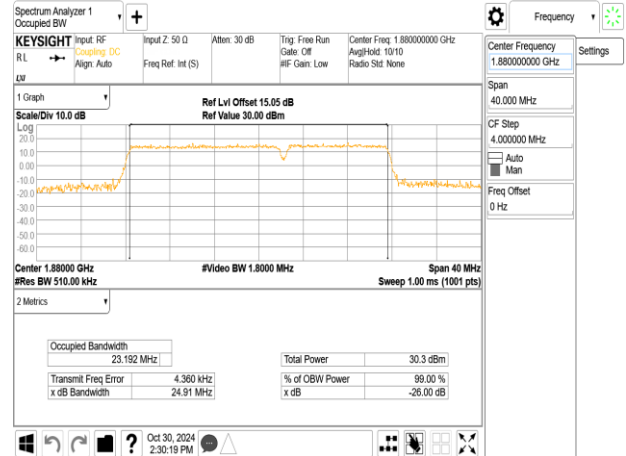
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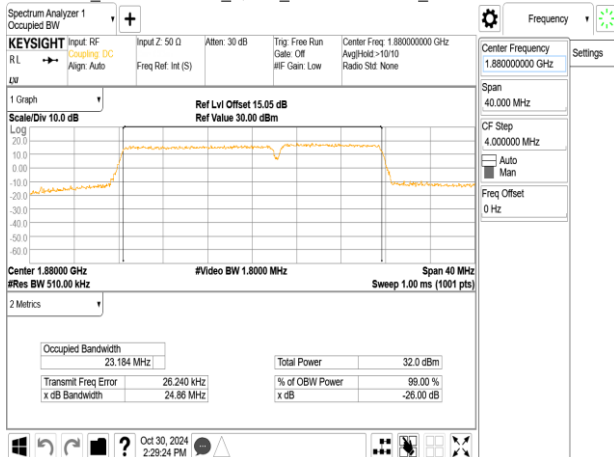
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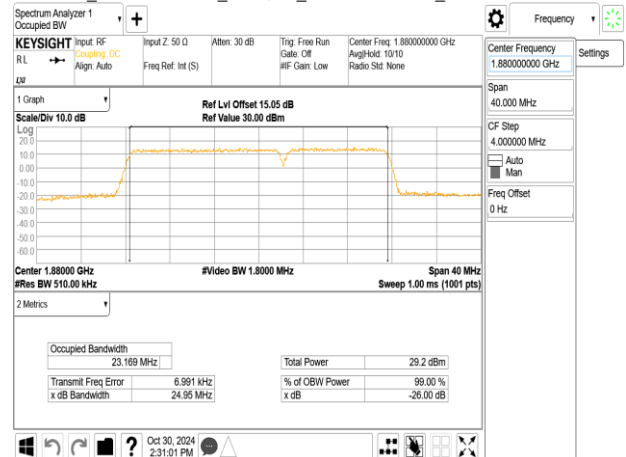
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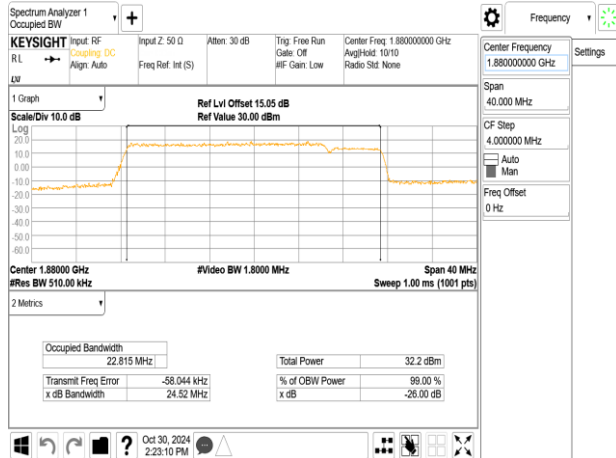


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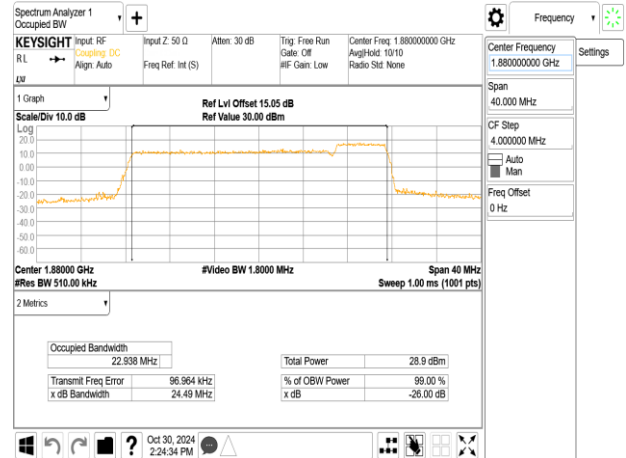
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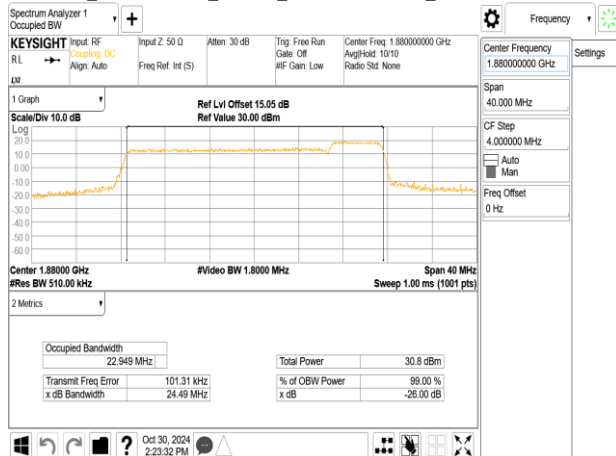
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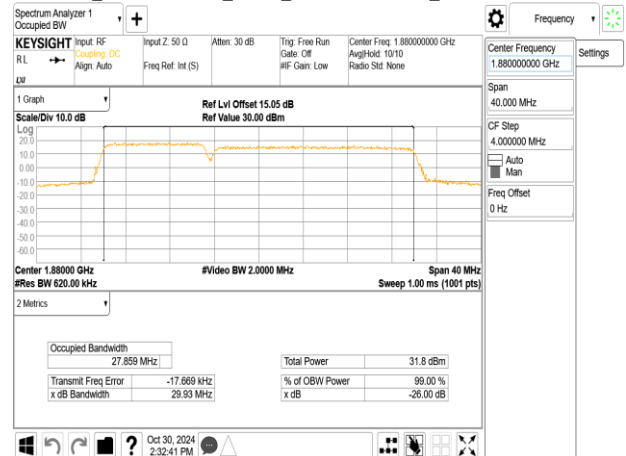
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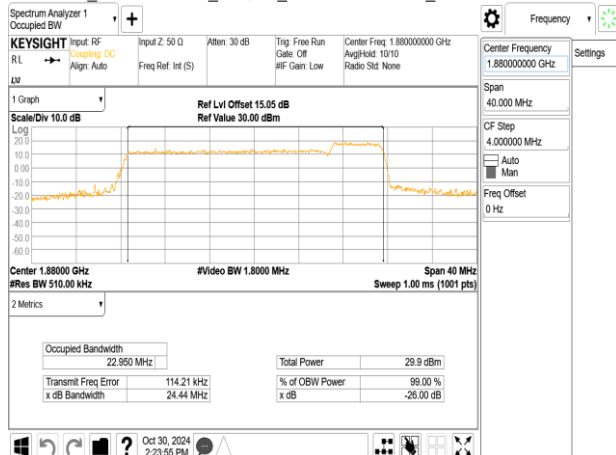
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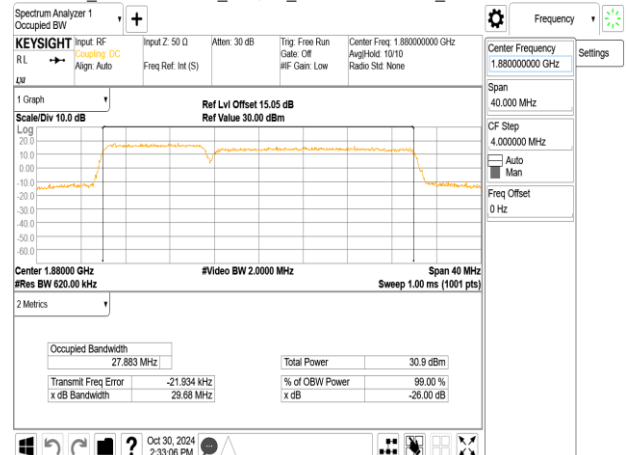
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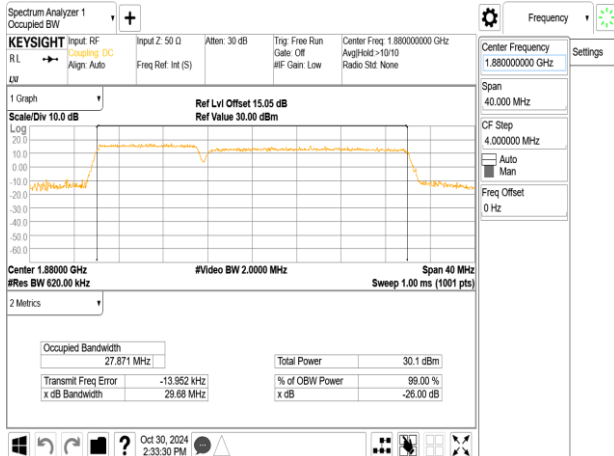


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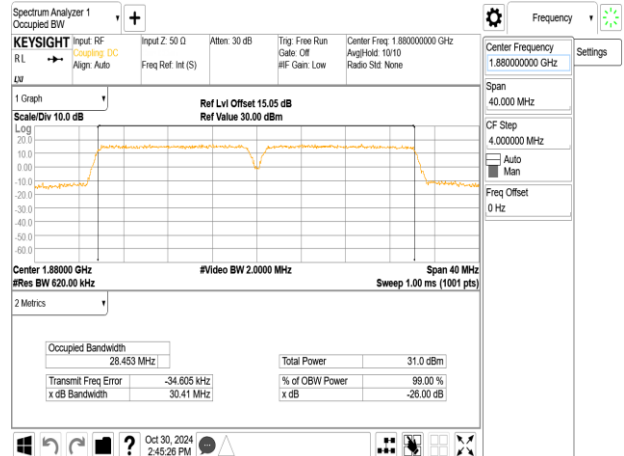
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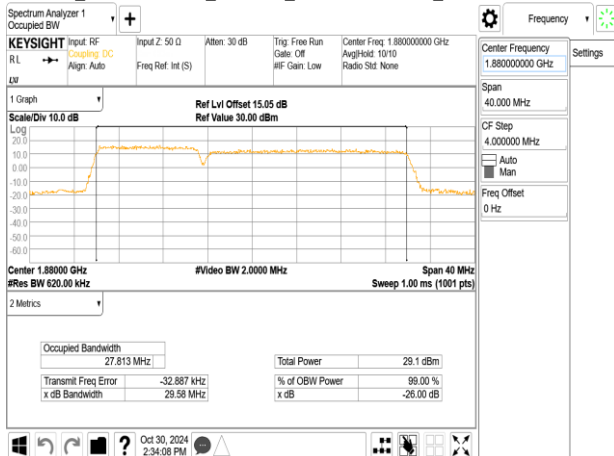
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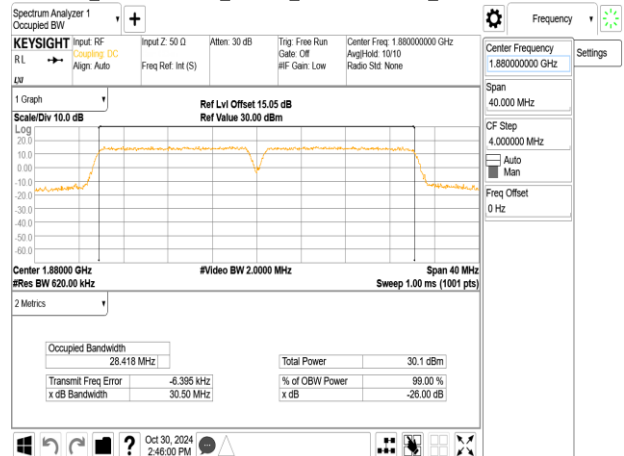
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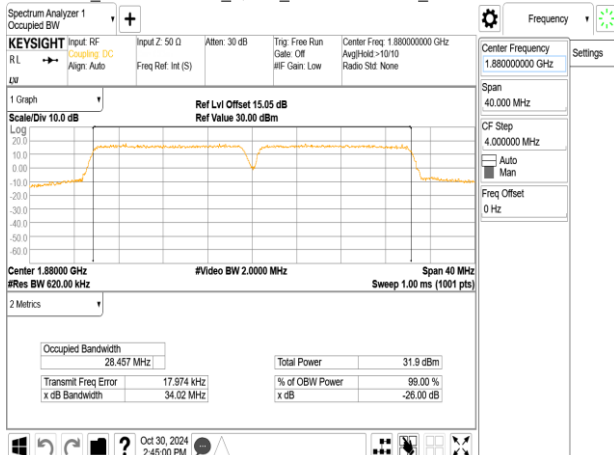
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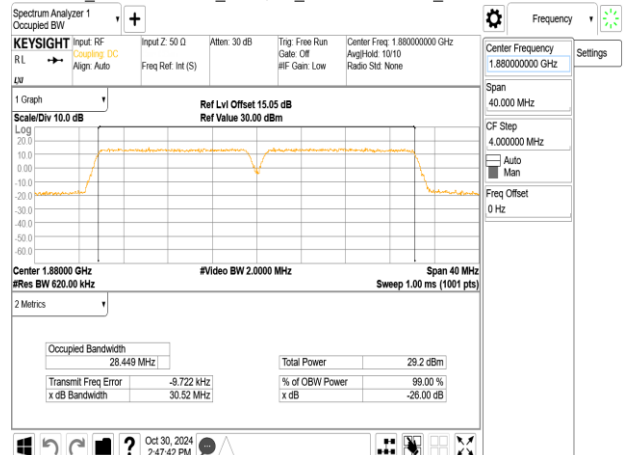
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Band2_15MHz+15MHz_QPSK_RB75-0+RB75-0_CH18825+CH18975



Band2_15MHz+15MHz_256QAM_RB75-0+RB75-0_CH18825+CH18975

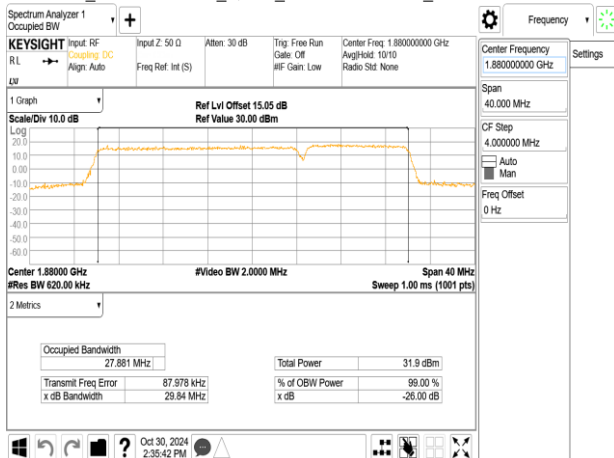


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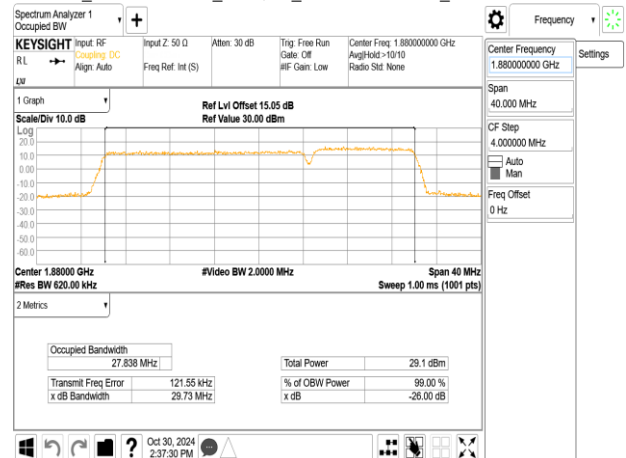
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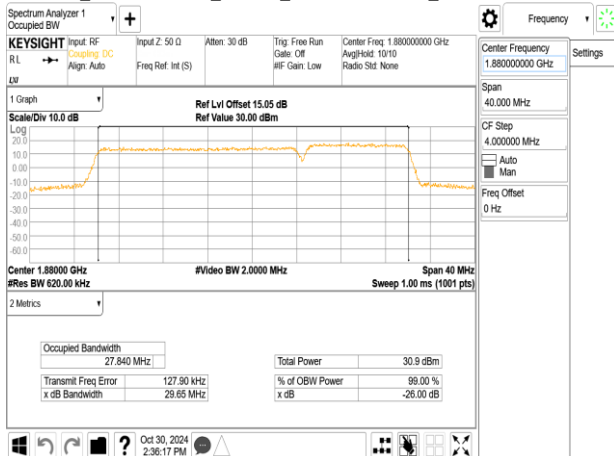
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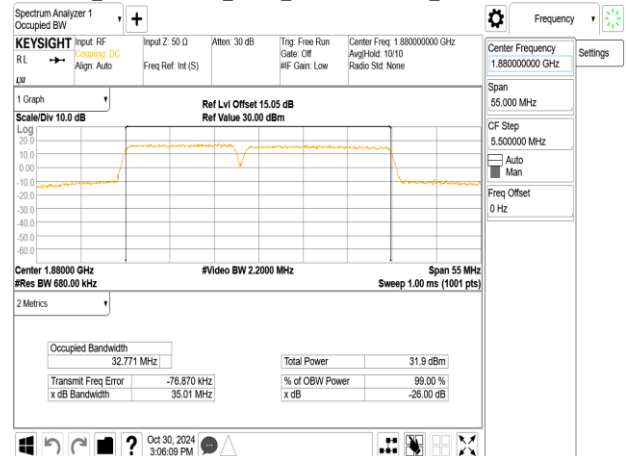
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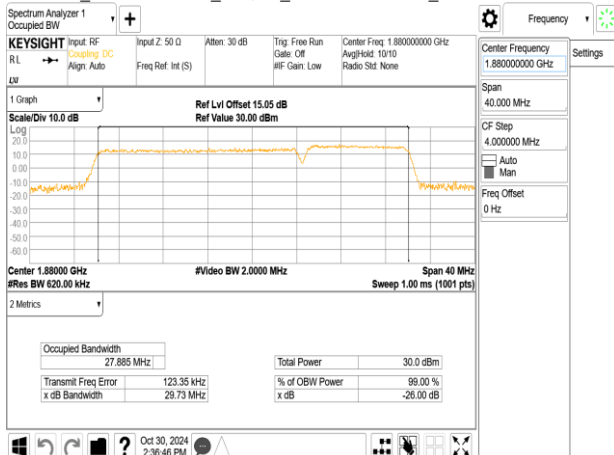
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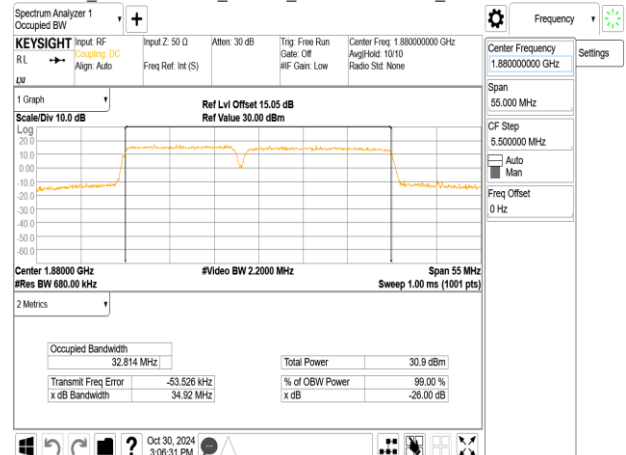
Band2_15MHz+20MHz_QPSK_RB75-0+RB100-0_CH18803+CH18974



Band2_20MHz+10MHz_64QAM_RB100-0+RB50-0_CH18851+CH18995



Band2_15MHz+20MHz_16QAM_RB75-0+RB100-0_CH18803+CH18974

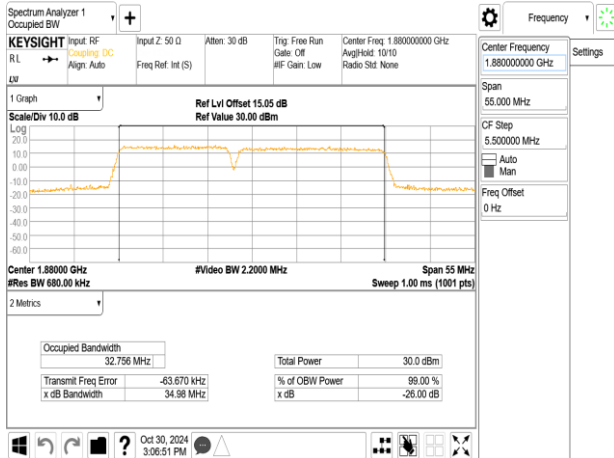


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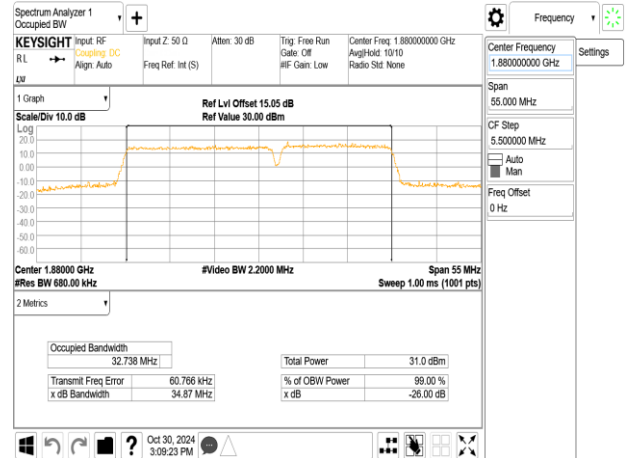
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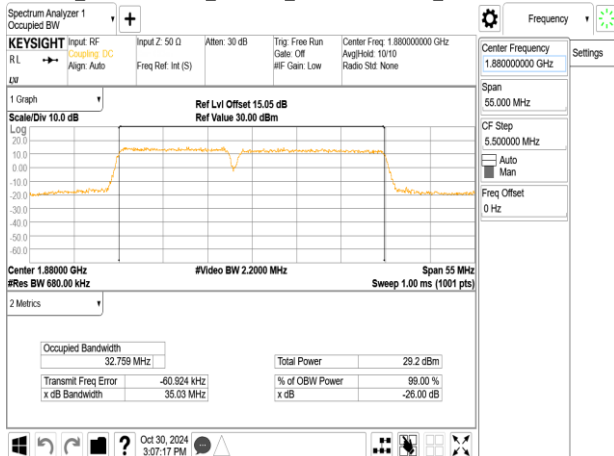
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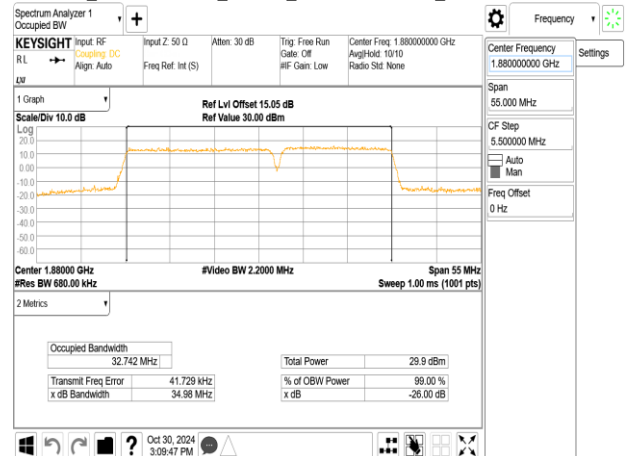
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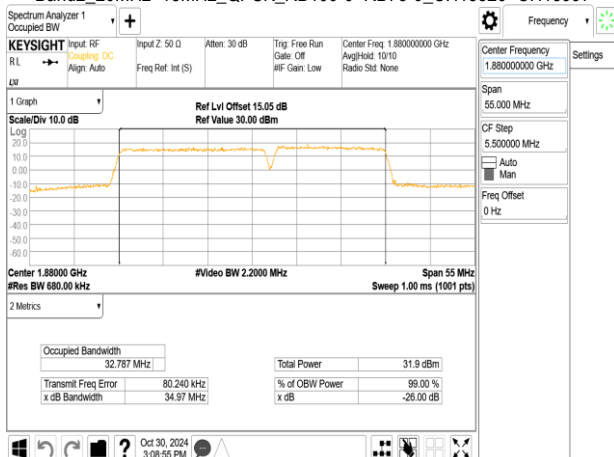
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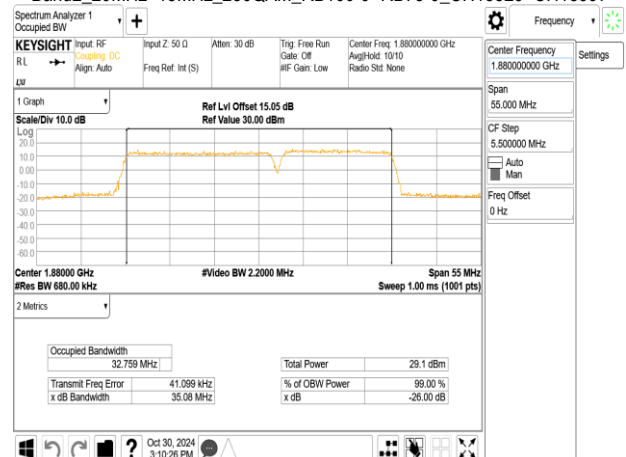
Band2_20MHz+15MHz_64QAM_RB100-0+RB75-0_CH18826+CH18997



Band2_20MHz+15MHz_QPSK_RB100-0+RB75-0_CH18826+CH18997



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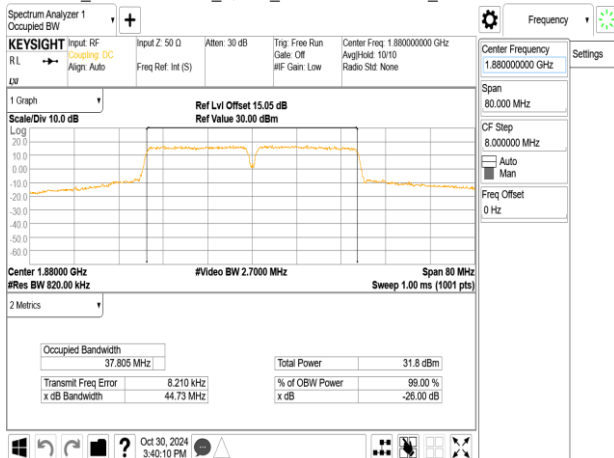


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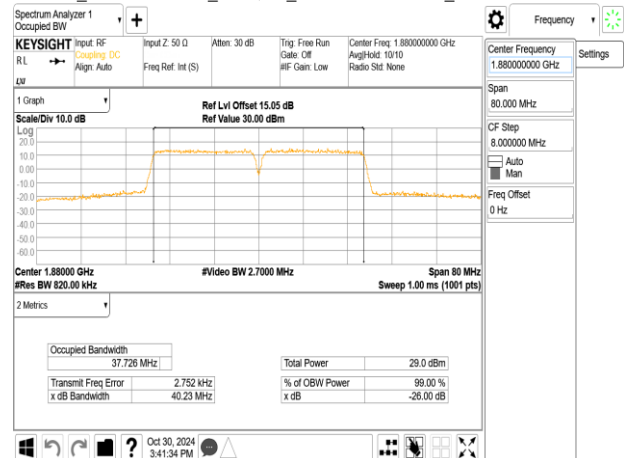
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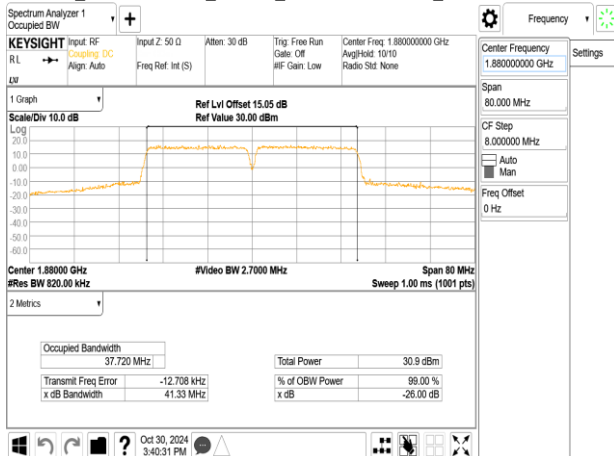
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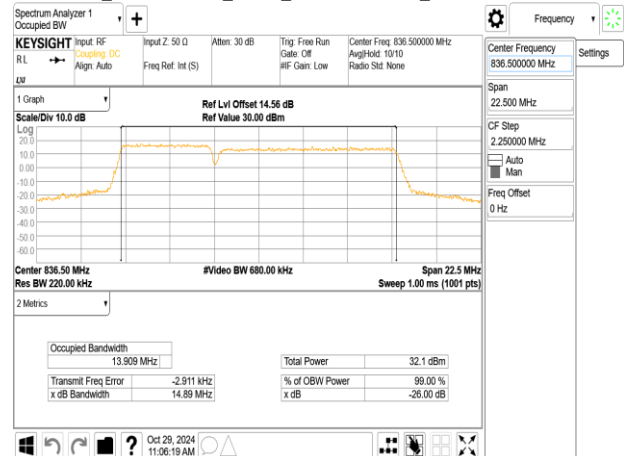
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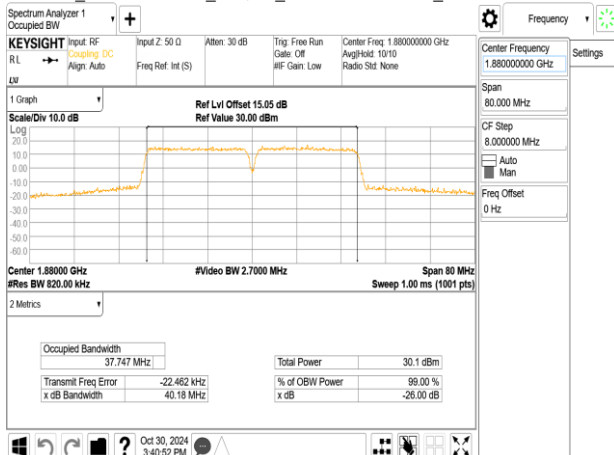
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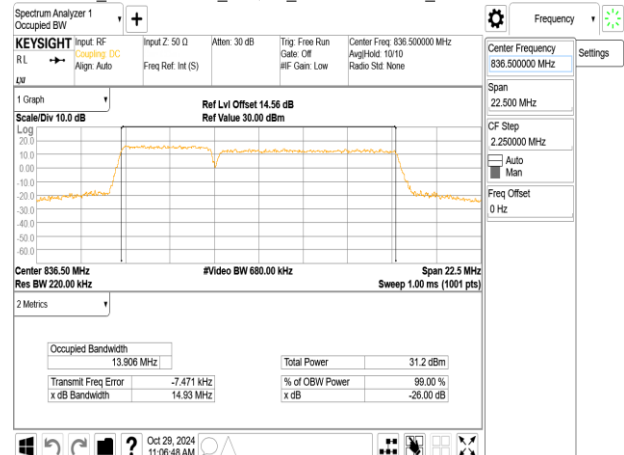
Band5_5MHz+10MHz_QPSK_RB25-0+RB50-0_CH20478+CH20550



Band2_20MHz+20MHz_64QAM_RB100-0+RB100-0_CH18801+CH18999



Band5_5MHz+10MHz_16QAM_RB25-0+RB50-0_CH20478+CH20550

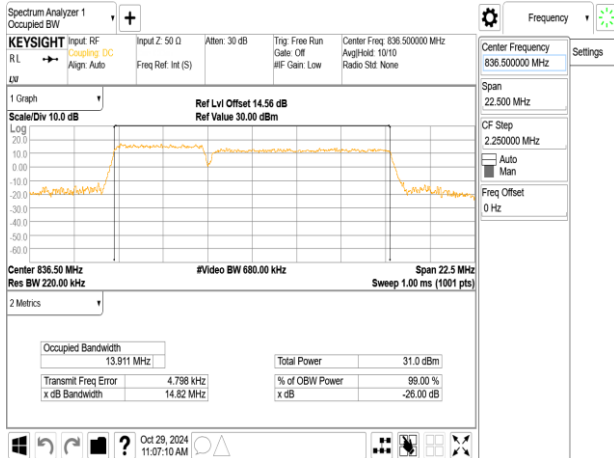


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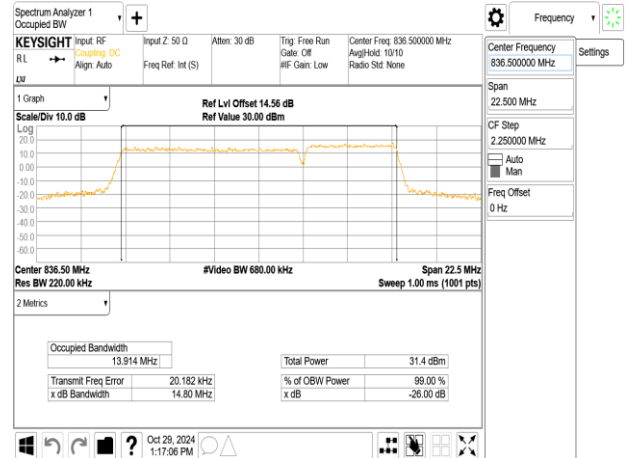
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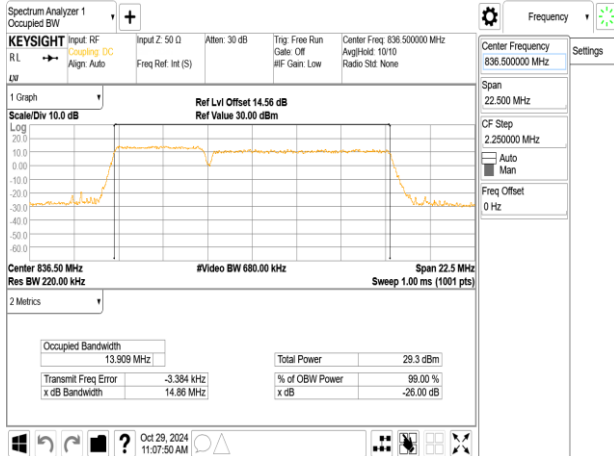
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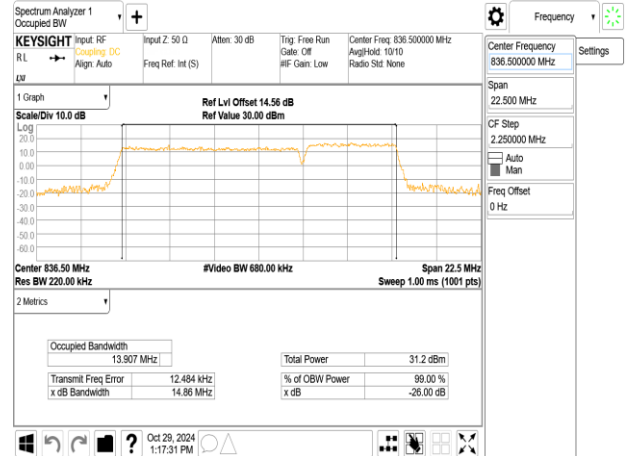
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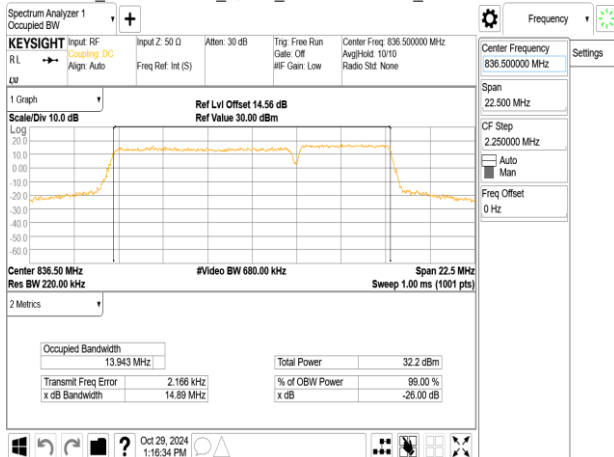
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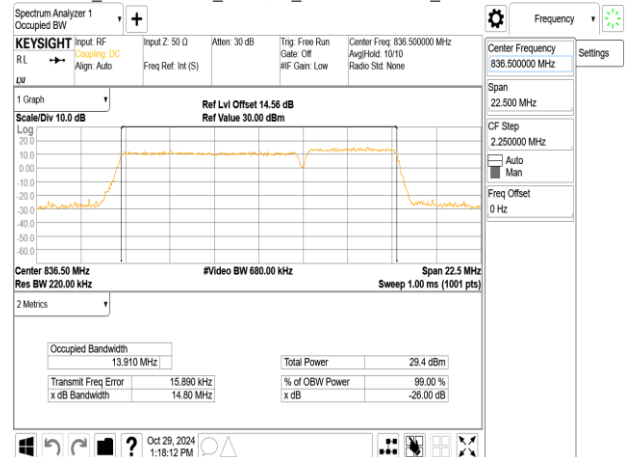
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Band5_10MHz+5MHz_QPSK_RB50-0+RB25-0_CH20500+CH20572



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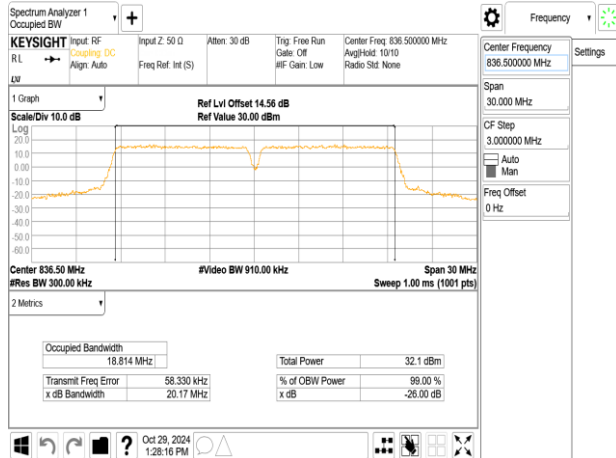


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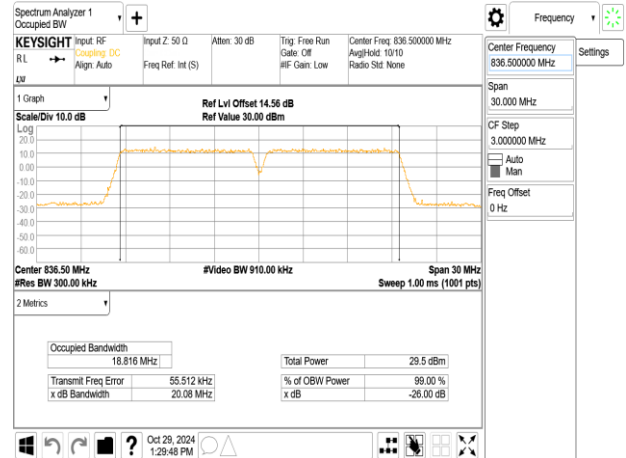
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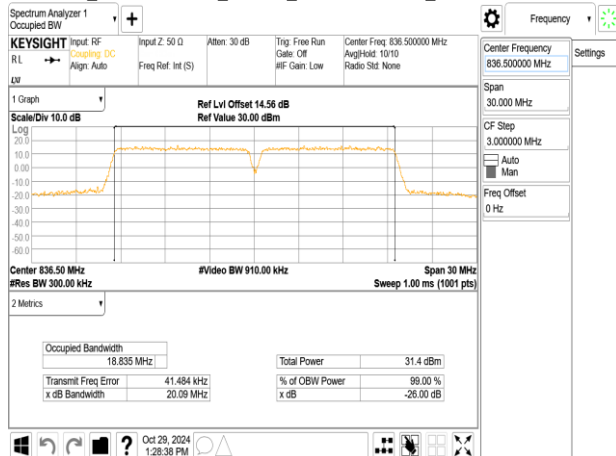
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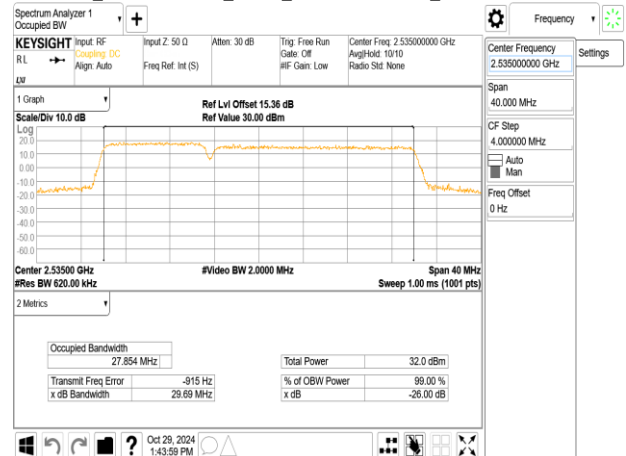
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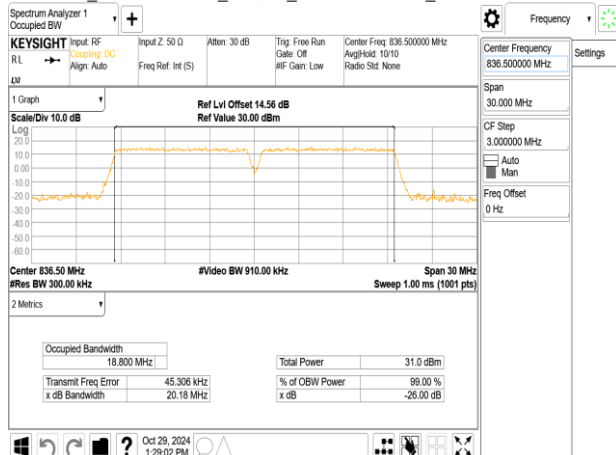
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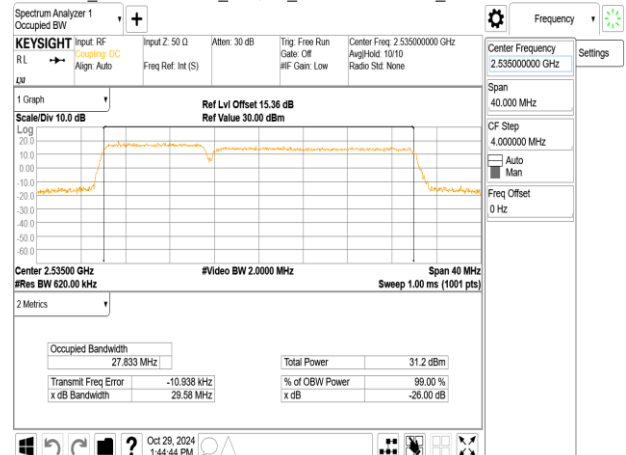
Band7_10MHz+20MHz_QPSK_RB50-0+RB100-0_CH21006+CH21150



Band5_10MHz+10MHz_64QAM_RB50-0+RB50-0_CH20476+CH20575



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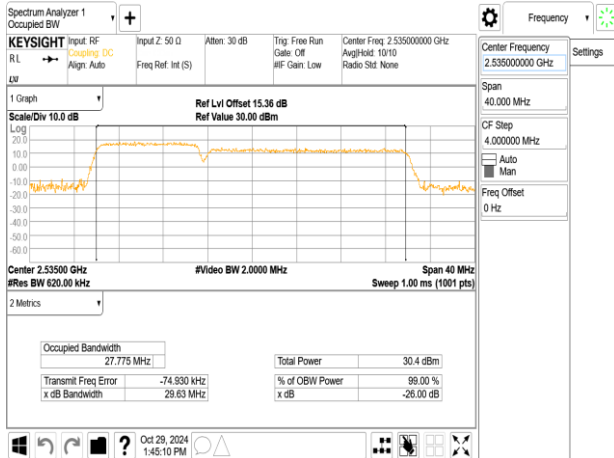


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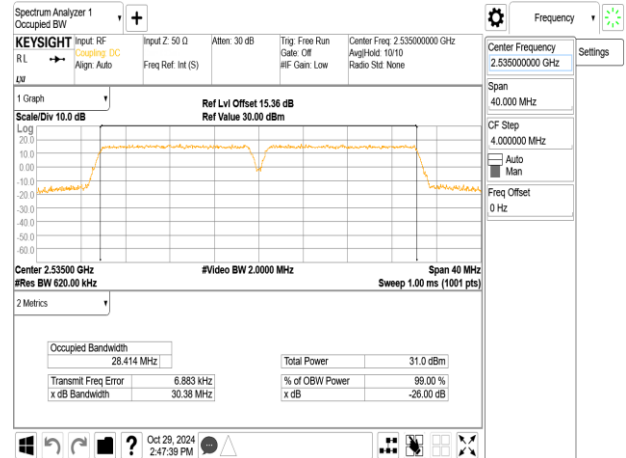
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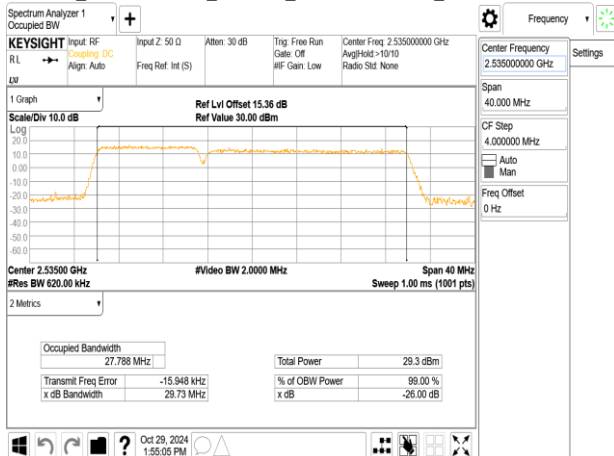
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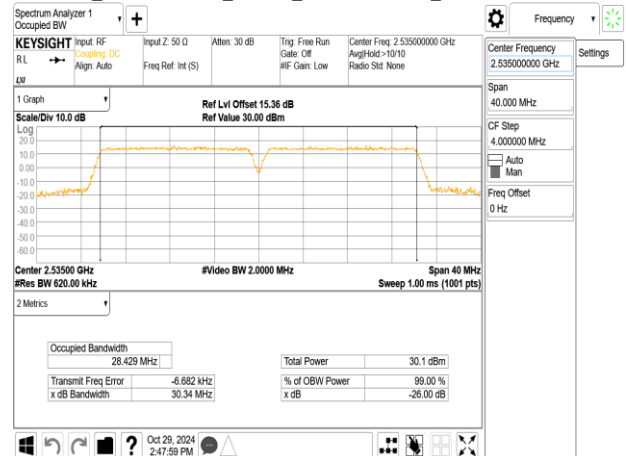
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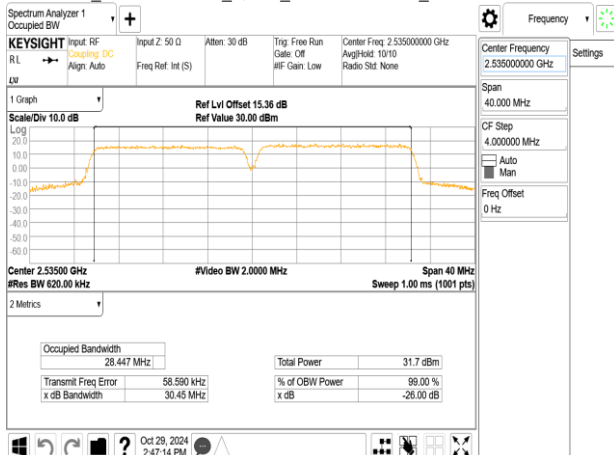
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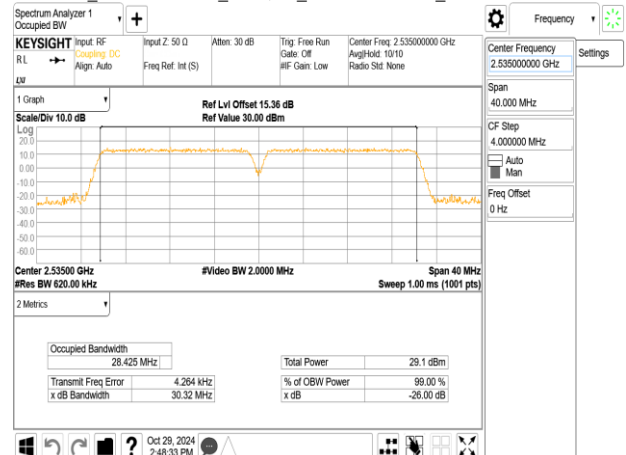
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Band7_15MHz+15MHz_QPSK_RB75-0+RB75-0_CH21025+CH21175



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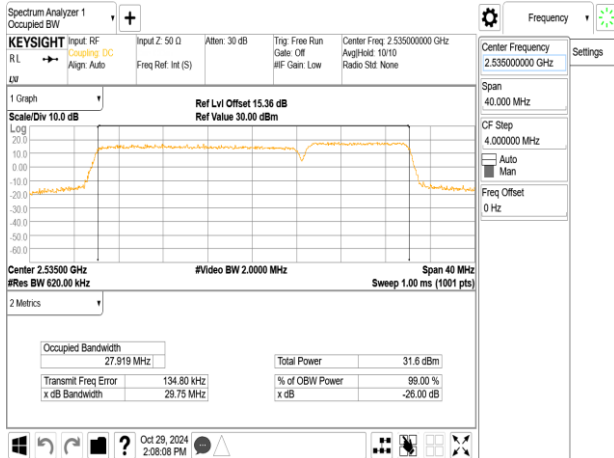


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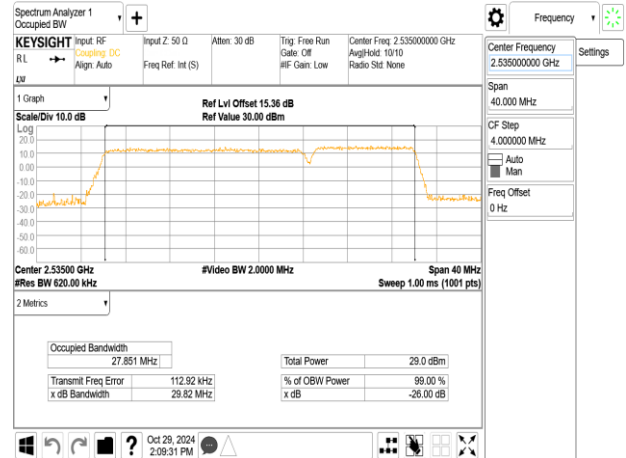
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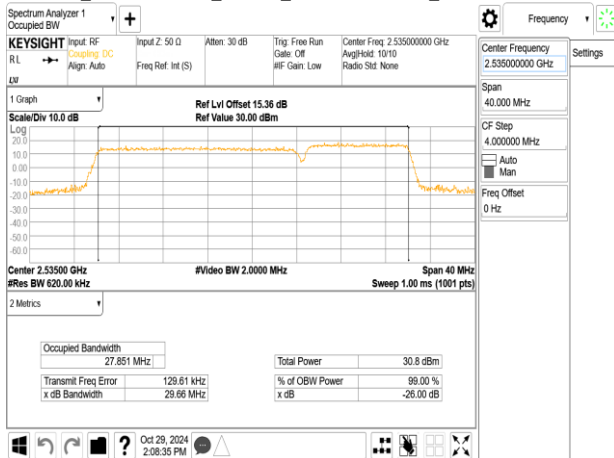
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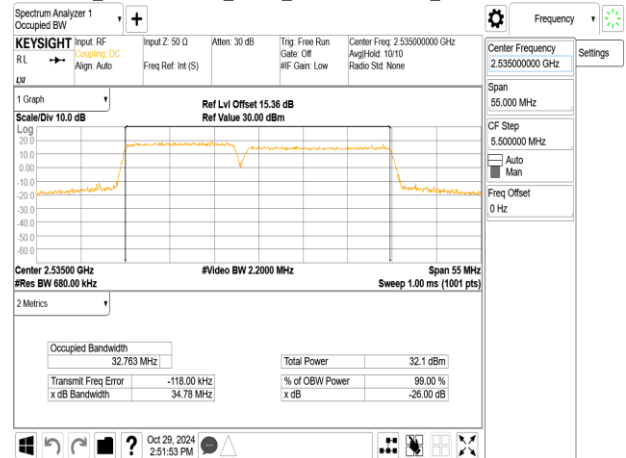
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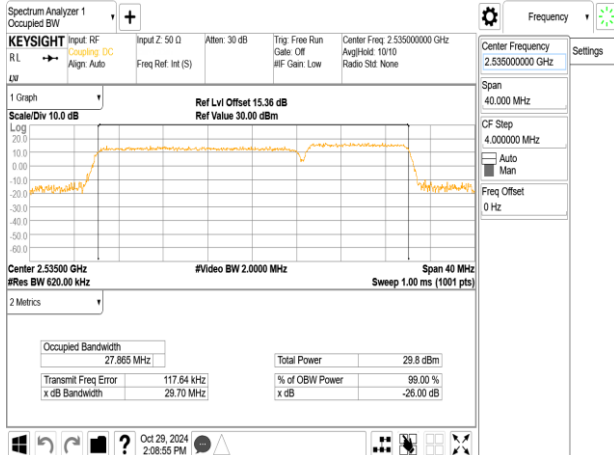
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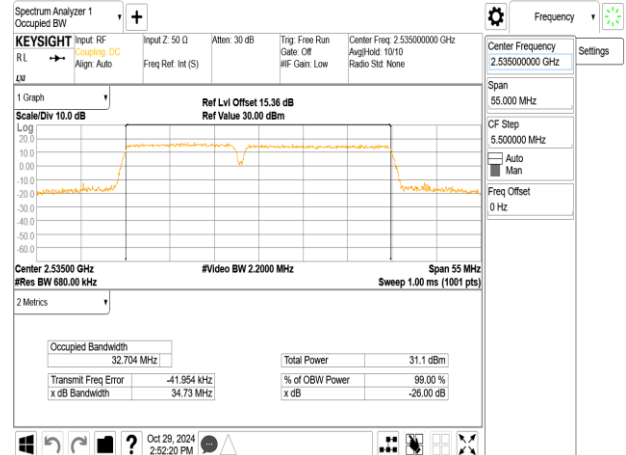
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Band7_20MHz+10MHz_64QAM_RB100-0+RB50-0_CH21051+CH21195



Band7_15MHz+20MHz_16QAM_RB75-0+RB100-0_CH21003+CH21174



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