ELECTROMAGNETIC EMISSIONS COMPLIANCE REPORT

Applicant:	Wistron Neweb Corporation 20 Park Avenue II Hsinchu Science Park, Hsinchu 308, Taiwan
Manufacturer:	Wistron Neweb Corporation 20 Park Avenue II Hsinchu Science Park, Hsinchu 308, Taiwan
Product Name:	DRMR-H01
Brand Name:	WNC
Model No./ISED HVIN:	DRMR-H01
ISED PMN:	DRMR-H01
Report Number:	TERF2501000194ER
FCC ID	NKR-DRMRH01
IC:	4441A-DRMRH01
Date of EUT Received:	January 10, 2025
Date of Test:	January 13, 2025~May 29, 2025
Issue Date:	June 2, 2025

Approved By _____
Blue Yang

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 ANSI C63.26-2015 and the energy emitted by the sample EUT comply with FCC rule part 2 , 24E & 27 C and ISED RSS-Gen, 133, 139, 199.

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

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Revision History

Report Number	Revision	Description	Issue Date	Revised By	Remark
TERF2501000194ER	00	Original	May 12, 2025	Kare Huang	
TERF2501000194ER	01	Update seciton 1.3 and add measurement data of ULCA 41C Low channel for ISED	June 2, 2025	Kare Huang	*

Note:

1、 The remark "*" indicates modification of the report upon requests from certification body.

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1 GENERAL PRODUCT INFORMATION

1.1 Product Description

Product Name:	DRMR-H01
Brand Name:	WNC
Model No./ISED HVIN:	DRMR-H01
Hardware Version:	N/A
Firmware Version:	N/A
EUT Series No.:	355182430001716, 355182430001690
Power Supply:	3.3 Vdc
Test Software (Name/Version)	Connect with Callbox

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1.2 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 7C	
BW (MHz)	Operation Frequency (MHz)
30	2515.0 - 2555.0
35	2517.5 - 2552.5
40	2520.0 - 2550.0

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 66C	
BW (MHz)	Operation Frequency (MHz)
25	1722.5 - 1767.5
30	1725.0 - 1765.0
35	2727.5 - 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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Inter-Band:

Support Combination				
2A_14A	2A_17A	5A_7A	7A_26A	12A_25A
12A_30A	25A_26A			

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1.3 Antenna Designation

Antenna Type	Part No.	Antenna Model No.
PIFA	260-29161	PIFA#12
	260-29158	PIFA#9
	260-29156	PIFA#7
	260-29150	PIFA#1
Monopole	260-29143	Monopole#3
	260-29144	Monopole#4
	260-29147	Monopole#7
Note: Transmission frequencies in this test report are only available by the above antenna(s).		

Bands	Freq. (MHz)	Peak Antenna Gain (dBi)			
		Gain	PIFA Ant. No.	Gain	Monopole Ant. No.
B2 / n2	1850~1910	3.60	12	3.45	3
B7 / n7	2500~2570	4.06	7	3.69	7
B38 / n38	2570~2620	4.06	7	3.74	7
B41 / n41	2496~2690	3.33	1	3.76	7
B66 / n66	1710~1780	4.03	9	4.86	4

Note: Antenna information is provided by the applicant.

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

1.4.1 Intra-Band

LTE Band	BW	Frequency		Modulation	ERP / EIRP (dBm)		(W)	99%	Type of Emission
2C	25	1713.3	1770.0	QPSK	25.67	EIRP	0.369	23.2100	23M2G7D
				16QAM	24.75	EIRP	0.299	23.1400	23M1D7W
				64QAM	22.97	EIRP	0.198	23.1300	23M1D7W
				256QAM	20.97	EIRP	0.125	23.1190	23M1D7W
2C	30	1715.5	1770.0	QPSK	25.84	EIRP	**0.384**	28.3720	28M4G7D
				16QAM	24.90	EIRP	0.309	28.3560	28M4D7W
				64QAM	23.05	EIRP	0.202	28.3440	28M3D7W
				256QAM	21.03	EIRP	0.127	28.3350	28M3D7W
2C	35	1717.8	1770.0	QPSK	25.74	EIRP	**0.375**	32.6820	32M7G7D
				16QAM	24.82	EIRP	0.303	32.6880	32M7D7W
				64QAM	23.08	EIRP	0.203	32.6490	32M6D7W
				256QAM	21.03	EIRP	0.127	32.6720	32M7D7W
2C	40	1720.0	1770.0	QPSK	25.68	EIRP	**0.370**	37.6500	37M7G7D
				16QAM	24.74	EIRP	0.298	37.6810	37M7D7W
				64QAM	23.08	EIRP	0.203	37.5850	37M6D7W
				256QAM	21.02	EIRP	0.126	37.6160	37M6D7W

LTE Band	BW	Frequency		Modulation	ERP / EIRP (dBm)		(W)	99%	Type of Emission
7C	30	2505.5	2560.0	QPSK	26.52	EIRP	**0.449**	28.3410	28M3G7D
				16QAM	25.57	EIRP	0.361	28.3450	28M3D7W
				64QAM	23.54	EIRP	0.226	28.3110	28M3D7W
				256QAM	21.68	EIRP	0.147	28.3090	28M3D7W
7C	35	2507.8	2560.0	QPSK	26.46	EIRP	0.443	32.6580	32M7G7D
				16QAM	25.52	EIRP	0.356	32.6480	32M6D7W
				64QAM	23.56	EIRP	0.227	32.6480	32M6D7W
				256QAM	21.70	EIRP	0.148	32.6050	32M6D7W
7C	40	2510.0	2560.0	QPSK	26.35	EIRP	**0.432**	37.5420	37M5G7D
				16QAM	25.41	EIRP	0.348	37.5430	37M5D7W
				64QAM	23.54	EIRP	0.226	37.5400	37M5D7W
				256QAM	21.68	EIRP	0.147	37.5250	37M5D7W

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LTE Band	BW	Frequency		Modulation	ERP / EIRP (dBm)		(W)	99%	Type of Emission
38C	30	2577.5	2612.5	QPSK	26.54	EIRP	**0.451**	28.3790	28M4G7D
				16QAM	25.59	EIRP	0.362	28.3950	28M4D7W
				64QAM	23.58	EIRP	0.228	28.3150	28M3D7W
				256QAM	21.69	EIRP	0.148	28.3420	28M3D7W
38C	40	2580.0	2610.0	QPSK	26.36	EIRP	**0.433**	37.6520	37M7G7D
				16QAM	25.39	EIRP	0.346	37.6140	37M6D7W
				64QAM	23.46	EIRP	0.222	37.5500	37M6D7W
				256QAM	21.56	EIRP	0.143	37.6250	37M6D7W

LTE Band	BW	Frequency		Modulation	ERP / EIRP (dBm)		(W)	99%	Type of Emission
41C	25	2499.3	2680.0	QPSK	25.98	EIRP	0.396	22.9160	22M9G7D
				16QAM	24.98	EIRP	0.315	22.8620	22M9D7W
				64QAM	23.27	EIRP	0.212	22.8950	22M9D7W
				256QAM	21.30	EIRP	0.135	22.9100	22M9D7W
41C	30	2501.5	2680.0	QPSK	25.99	EIRP	**0.397**	28.3720	28M4G7D
				16QAM	25.04	EIRP	0.319	28.4010	28M4D7W
				64QAM	23.20	EIRP	0.209	28.2920	28M3D7W
				256QAM	21.19	EIRP	0.132	28.3760	28M4D7W
41C	35	2503.8	2680.0	QPSK	25.91	EIRP	**0.390**	32.6980	32M7G7D
				16QAM	24.92	EIRP	0.310	32.6820	32M7D7W
				64QAM	23.07	EIRP	0.203	32.6150	32M6D7W
				256QAM	21.10	EIRP	0.129	32.6800	32M7D7W
41C	40	2506.0	2680.0	QPSK	25.69	EIRP	**0.371**	37.6020	37M6G7D
				16QAM	24.84	EIRP	0.305	37.6790	37M7D7W
				64QAM	22.96	EIRP	0.198	37.5050	37M5D7W
				256QAM	21.00	EIRP	0.126	37.6450	37M6D7W

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LTE Band	BW	Frequency		Modulation	ERP / EIRP (dBm)		(W)	99%	Type of Emission
41C	25	2503.3	2680.0	QPSK	25.97	EIRP	0.395	22.9160	22M9G7D
				16QAM	24.98	EIRP	0.315	22.8620	22M9D7W
				64QAM	23.26	EIRP	0.212	22.8950	22M9D7W
				256QAM	21.30	EIRP	0.135	22.9100	22M9D7W
41C	30	2505.5	2680.0	QPSK	25.99	EIRP	**0.397**	28.3720	28M4G7D
				16QAM	25.04	EIRP	0.319	28.4010	28M4D7W
				64QAM	23.19	EIRP	0.208	28.2920	28M3D7W
				256QAM	21.19	EIRP	0.132	28.3760	28M4D7W
41C	35	2507.8	2680.0	QPSK	25.90	EIRP	**0.389**	32.6980	32M7G7D
				16QAM	24.92	EIRP	0.310	32.6820	32M7D7W
				64QAM	23.06	EIRP	0.202	32.6150	32M6D7W
				256QAM	21.10	EIRP	0.129	32.6800	32M7D7W
41C	40	2510.0	2680.0	QPSK	25.69	EIRP	**0.371**	37.6020	37M6G7D
				16QAM	24.83	EIRP	0.304	37.6790	37M7D7W
				64QAM	22.92	EIRP	0.196	37.5050	37M5D7W
				256QAM	21.00	EIRP	0.126	37.6450	37M6D7W

LTE Band	BW	Frequency		Modulation	ERP / EIRP (dBm)		(W)	99%	Type of Emission
66C	25	1713.3	1770.0	QPSK	26.01	EIRP	**0.399**	23.2260	23M2G7D
				16QAM	25.13	EIRP	0.326	23.1480	23M1D7W
				64QAM	23.38	EIRP	0.218	23.1640	23M2D7W
				256QAM	21.34	EIRP	0.136	23.1390	23M1D7W
66C	30	1715.5	1770.0	QPSK	25.87	EIRP	0.386	28.4260	28M4G7D
				16QAM	25.17	EIRP	0.329	28.3850	28M4D7W
				64QAM	23.12	EIRP	0.205	28.3950	28M4D7W
				256QAM	21.31	EIRP	0.135	28.3970	28M4D7W
66C	35	1717.8	1770.0	QPSK	25.81	EIRP	**0.381**	32.7130	32M7G7D
				16QAM	25.14	EIRP	0.327	32.7440	32M7D7W
				64QAM	23.40	EIRP	0.219	32.6950	32M7D7W
				256QAM	21.01	EIRP	0.126	32.7280	32M7D7W
66C	40	1720.0	1770.0	QPSK	25.82	EIRP	**0.382**	37.6880	37M7G7D
				16QAM	24.86	EIRP	0.306	37.6620	37M7D7W
				64QAM	23.04	EIRP	0.201	37.6150	37M6D7W
				256QAM	20.98	EIRP	0.125	37.6510	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	27.33	EIRP	**0.541**	9.2242	9M2G7D
				16QAM	26.53	EIRP	0.450	9.2263	9M2D7W
				64QAM	24.64	EIRP	0.291	9.2376	9M2D7W
				256QAM	22.67	EIRP	0.185	9.2333	9M2D7W
66B	15	1715.5	1770.0	QPSK	27.19	EIRP	0.524	13.9070	13M9G7D
				16QAM	26.64	EIRP	0.461	13.8510	13M9D7W
				64QAM	24.62	EIRP	0.290	13.8610	13M9D7W
				256QAM	22.55	EIRP	0.180	13.8390	13M8D7W
66B	20	1717.8	1770.0	QPSK	27.43	EIRP	**0.553**	18.8100	18M8G7D
				16QAM	26.66	EIRP	0.463	18.7340	18M7D7W
				64QAM	24.81	EIRP	0.303	18.7650	18M8D7W
				256QAM	22.91	EIRP	0.195	18.7490	18M7D7W

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1.5 Test Methodology of Applied Standards

FCC 47 CFR Part 2, 24E, 27C, Part 96.
ISED RSS-GEN Issue 5 Amendment 2 Feb. 2021
ISED RSS-133 Issue 7, ISED RSS-139 Issue 4 September 29, 2022
ISED RSS-199 Issue 4 July 2023
ANSI C63.26-2015
KDB971168 D01 Power Meas license Digital System v03r01
KDB412172 D01 Determining ERP and EIRP v01r01

1.6 Test Facility

Laboratory	Test Site Address	Test Site Name	FCC Designation 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 indication where measurements occurred in specific test site and address.

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1.7 Special Accessories

No special accessories were used during testing.

1.8 Equipment Modifications

There was no modifications incorporated into the EUT.

1.9 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	3.3	**430**

LTE CA Band 7C

Test mode	DC voltage (V)	DC current (mA)
LTE CA Band 7C 20M+20M QPSK	3.3	**410**

LTE CA Band 38C

Test mode	DC voltage (V)	DC current (mA)
LTE CA Band 38C 20M+20M QPSK	3.3	**510**

LTE CA Band 41C

Test mode	DC voltage (V)	DC current (mA)
LTE CA Band 41C 20M+20M QPSK	3.3	**460**

LTE CA Band 66C

Test mode	DC voltage (V)	DC current (mA)
LTE CA Band 66C 20M+20M QPSK	3.3	**400**

LTE CA Band 66B

Test mode	DC voltage (V)	DC current (mA)
LTE CA Band 66C 10M+10M QPSK	3.3	**410**

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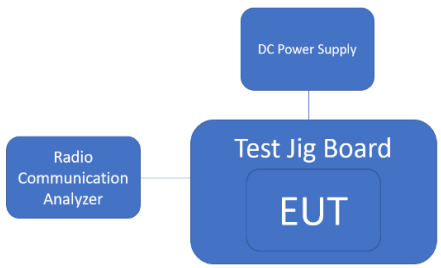
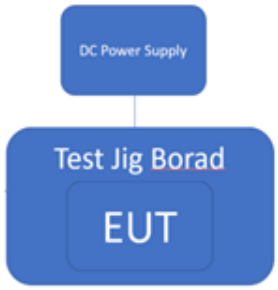
2.6 Test Configuration

Conducted Setup	Radiated Setup
	

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

2.7 Control Unit(s)

N/A

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3 SUMMARY OF TEST RESULTS

FCC Rules	IC Rules	Description Of Test	Result
§2.1046(a)	RSS-GEN §6.12	RF Power Output	Compliant
§24.232(c) §27.50(d)(4) §27.50(h)(2)	RSS-133 §5.5 RSS-139 §5.5 RSS-199 §4.4	ERP/ EIRP measurement	Compliant
§2.1049(h)	RSS-GEN §6.7	99% & 26dB Occupied Bandwidth	Compliant
§2.1051 §24.238(a)(b) §27.53(h)(1)&(3) §27.53(m) §27.53(m)(4)	RSS-GEN §6.13 RSS-133 §5.6 RSS-139 §5.6 RSS-199 §4.5	Out of Band Emissions at Antenna Terminals and Band Edge / Emission mask requirements	Compliant
§2.1053 §24.238(a)(b) §27.53(h) §27.53(m)(4)	RSS-GEN §6.13 RSS-133 §5.6 RSS-139 §5.6 RSS-199 §4.5	Field Strength of Spurious Radiation	Compliant
§24.232(d) §27.50(d)(5)	RSS-133 §5.5 RSS-139 §5.5 RSS-199 §4.4	Peak to Average Ratio	Compliant
§2.1055(a)(1) §24.235 §27.54	RSS-133 §5.4 RSS-139 §5.4 RSS-199 §4.3	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_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

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4.2 The Worst-CaseTest 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 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.
4. 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.

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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 bandwith, 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
	7C	v	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
Freqency Stability	2C		v								v	v								v
	7C		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
	7C		v						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
	66B		v		v	v	v					v	v	v	v					v
	66C		v					v	v	v	v	v	v	v	v					v
Peak-to-Average Ratio	2C		v					v	v	v	v				v					v
	7C		v						v	v	v				v					v
	38C		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

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
Band Edge	2C	v		v					v		v	v					v	v		v
	66B	v		v			v					v					v	v		v
	66C	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
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	
	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	

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	
	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	

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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_14A	18625_23305	5_5	QPSK	1_1	0_0
2A_14A	18900_23330	5_5	QPSK	1_1	0_0
2A_14A	19175_23355	5_5	QPSK	1_1	0_0
2A_17A	18625_23755	5_5	QPSK	1_1	0_0
2A_17A	18900_23790	5_5	QPSK	1_1	0_0
2A_17A	19175_23825	5_5	QPSK	1_1	0_0
5A_7A	20425_20775	5_5	QPSK	1_1	0_0
5A_7A	20525_21100	5_5	QPSK	1_1	0_0
5A_7A	20625_21425	5_5	QPSK	1_1	0_0
7A_26A	20775_26815	5_5	QPSK	1_1	0_0
7A_26A	21100_26915	5_5	QPSK	1_1	0_0
7A_26A	21425_27015	5_5	QPSK	1_1	0_0
12A_25A	23060_26065	10_5	QPSK	1_1	0_0
12A_25A	23095_26365	10_5	QPSK	1_1	0_0
12A_25A	23130_26665	10_5	QPSK	1_1	0_0
12A_30A	23060_27685	10_5	QPSK	1_1	0_0
12A_30A	23095_27710	10_5	QPSK	1_1	0_0
12A_30A	23130_27735	10_5	QPSK	1_1	0_0
25A_26A	26065_26815	5_5	QPSK	1_1	0_0
25A_26A	26365_26915	5_5	QPSK	1_1	0_0
25A_26A	26665_27015	5_5	QPSK	1_1	0_0
48A_66A	55265_131997	5_5	QPSK	1_1	0_0
48A_66A	55990_132322	5_5	QPSK	1_1	0_0
48A_66A	56715_132647	5_5	QPSK	1_1	0_0

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5 MEASUREMENT UNCERTAINTY

Test Items	Uncertainty		
Output Power measurement	+/-	0.97	dB
ERP/ EIRP measurement	+/-	2.16	dB
	+/-	2.16	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
	+/-	**4.1**	**dB**	30MHz - 1000MHz
	+/-	**3.37**	**dB**	1GHz - 18GHz
	+/-	**3.83**	**dB**	18GHz - 40GHz
Polarization: Horizontal	**+/-**	**1.89**	**dB**	9kHz~30MHz
	+/-	**4.1**	**dB**	30MHz - 1000MHz
	+/-	**3.37**	**dB**	1GHz - 18GHz
	+/-	**3.83**	**dB**	18GHz - 40GHz
Radiated Spurious Emission	**+/-**	**2**	**dB**	33GHz-50GHz
	+/-	**1.59**	**dB**	50GHz-60GHz
	+/-	**1.71**	**dB**	60GHz-90GHz
	+/-	**1.64**	**dB**	90GHz-140GHz
	+/-	**3.84**	**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. (mm/dd/yyyy)	CAL DUE. (mm/dd/yyyy)
Attenuator	Mini-Circuits	BW-S10W2+	16	12/11/2024	12/10/2025
DC Block	Mini-Circuits	BLK-18-S+	12	12/11/2024	12/10/2025
DC Power Supply	Gwinstek	SPS-3610	GEV856761	09/13/2024	09/12/2025
EXA Spectrum Analyzer	KEYSIGHT	N9010B	MY60240503	12/16/2024	12/15/2025
Radio Communication Analyzer	Anritsu	MT8821C	6262044751	11/04/2024	11/03/2025
Splitter	RF-Lambda	RFLT2W1G18G	11-JSPF412-018	12/11/2024	12/10/2025
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. (mm/dd/yyyy)	CAL DUE. (mm/dd/yyyy)
1G High Pass Filter	Micro-Tronics	HPM50108	32	12/11/2024	12/10/2025
2G High Pass Filter	Micro-Tronics	HPM50110	36	12/11/2024	12/10/2025
4G High Pass Filter	WI	WHKX4.0	22	12/11/2024	12/10/2025
Attenuator	Mini-Circuits	BW-S10W2+	16	12/11/2024	12/10/2025
Band Reject Filter 1700-2000	EWT	EWT-54-0038	M1	12/11/2024	12/10/2025
Band Reject Filter 2240-2700	WI	WRCJV2300/2700-2240/2760-40/12SS	1	12/11/2024	12/10/2025
Band Reject Filter 3250-3750	Micro-Tronics	BRM15247	1	12/11/2024	12/10/2025
Band Reject Filter 800-1000	EWT	EWT-54-0037	M3R	12/11/2024	12/10/2025
Bi-log Antenna	SCHWARZBECK	VULB9168	1208	07/17/2024	07/16/2025
Bi-log Antenna	SCHWARZBECK	VULB9168	378	08/09/2024	08/08/2025
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
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
DC Power Supply	Gwinstek	SPS-3610	GEV856733	12/04/2024	12/03/2025
EMI Test Receiver	R&S	ESCI 7	100759	08/28/2024	08/27/2025
EXA Spectrum Analyzer	KEYSIGHT	N9010B	MY63440386	02/05/2025	02/04/2026
Horn Antenna	RF SPIN	DRH0844	LE2D05A0844	07/10/2024	07/09/2025
Horn Antenna	SCHWARZBECK	BBHA9120D	1441	09/23/2024	09/22/2025
Horn Antenna	SCHWARZBECK	BBHA9120D	603	05/15/2024	05/14/2025
Horn Antenna	SCHWARZBECK	BBHA9170	184	12/20/2024	12/19/2025
Network Analyzer	R&S	ZNB 40	101842	05/16/2024	05/15/2025
Pre-Amplifier	EMCI	EMC118A45SEE	980868	08/30/2024	08/29/2025
Pre-Amplifier	EMCI	EMC184045SEE	9080939	08/30/2024	08/29/2025
Pre-Amplifier	HP	8447D	2944A07676	08/30/2024	08/29/2025
Radio Communication Analyzer	Anritsu	MT8821C	6262044670	08/23/2024	08/22/2025
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

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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 24.232(c)

Mobile and portable stations are limited to 2 W EIRP.

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.

RSS-133 §5.5

The maximum power spectral density of the equipment, measured in terms of average values, shall comply with the limits specified in table 2. These limits are either specified in terms of equivalent isotropically radiated power (e.i.r.p.) or TRP for the purpose of certification and may not apply to all deployment scenarios. Consult SRSP-510 for more deployment details in the bands 1850-1915 MHz and 1930-1995 MHz. AAS equipment with eight antenna elements or less can demonstrate compliance with the e.i.r.p limit specified for non-AAS equipment in table 2, instead of the TRP limit.

Table 2: Maximum power spectral density of equipment

Equipment type	Maximum power spectral density
Non-AAS fixed station and base station	3280 W/MHz e.i.r.p
AAS fixed station and base station	46 dBm/MHz TRP
Subscriber equipment	2 W /channel bandwidth e.i.r.p

RSS-139 §5.5

The maximum output power of the equipment shall comply with the limits specified below. In the tables, maximum power refers to the equivalent isotropically radiated power (e.i.r.p.) or total radiated power (TRP), measured in terms of average values.

The limits in this RSS are specified for the purpose of certification and may not apply to all deployment scenarios. Consult SRSP-513 and SRSP-519 for more details on the bands 2110-2180 MHz and 2180-2200 MHz respectively

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Table 3: Maximum power of equipment in the band 1710-1780 MHz	
Equipment type	**Maximum power**
Fixed station and base station	30 dBm e.i.r.p./channel bandwidth
Subscriber equipment	30 dBm e.i.r.p./channel bandwidth

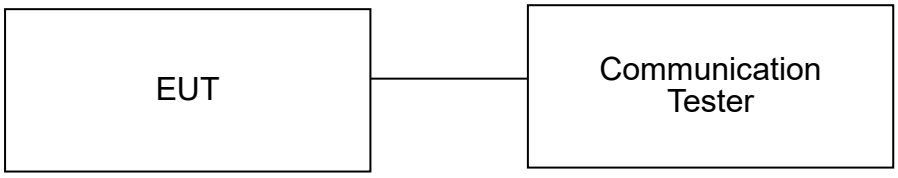
Table 4: Maximum power of equipment in the band 2110-2180 MHz	
Equipment type	**Maximum power**
Non-AAS fixed station and base station	65 dBm e.i.r.p./MHz
AAS fixed station and base station	46 dBm TRP/MHz
Subscriber equipment	30 dBm e.i.r.p./channel bandwidth

Table 5: Maximum power of equipment in the band 2180-2200 MHz	
Equipment type	Maximum power
Non-AAS base station	65 dBm e.i.r.p./MHz
AAS base station	46 dBm TRP/MHz

RSS-199 §4.4

For mobile subscriber equipment operating in the Band 2500-2690MHz, the e.i.r.p. shall not exceed 2 W.

7.2 Test Set-up



Note: *Measurement setup for testing on Antenna connector*

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7.3 Output Power Measurement Applicable Guideance

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 PT, 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:

7.5.1 Intra-Band

Part 24 _ EIRP Limit (W)	2
Antenna Gain	3.6

OUTPUT POWER FOR LTE BAND2C (5MHz + 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)
5MHz+ 20MHz	18633	1853.3	18750	1865.0	QPSK	1	24	1	0	19.10	21.61	21.61	25.21	0.332
						25	0	100	0	17.50	17.07	20.03	23.63	0.231
	18808	1870.8	18925	1882.5	QPSK	1	24	1	0	19.39	21.73	21.74	25.34	0.342
						25	0	100	0	16.51	17.73	19.93	23.53	0.225
	18983	1888.3	19100	1900.0	QPSK	1	24	1	0	18.77	21.75	21.75	**25.35**	0.343
						25	0	100	0	17.47	17.01	19.99	23.59	0.229
5MHz+ 20MHz	18633	1853.3	18750	1865.0	16QAM	1	24	1	0	17.55	20.55	20.55	24.15	0.260
						25	0	100	0	16.55	16.21	19.11	22.71	0.187
	18808	1870.8	18925	1882.5	16QAM	1	24	1	0	17.69	20.79	20.79	**24.39**	0.275
						25	0	100	0	15.62	16.87	19.07	22.67	0.185
	18983	1888.3	19100	1900.0	16QAM	1	24	1	0	17.71	20.69	20.70	24.30	0.269
						25	0	100	0	16.81	16.12	19.19	22.79	0.190
5MHz+ 20MHz	18633	1853.3	18750	1865.0	64QAM	1	24	1	0	15.99	19.00	19.00	22.60	0.182
						25	0	100	0	16.60	16.19	19.15	22.75	0.188
	18808	1870.8	18925	1882.5	64QAM	1	24	1	0	15.28	18.65	18.66	22.26	0.168
						25	0	100	0	15.59	16.84	19.05	22.65	0.184
	18983	1888.3	19100	1900.0	64QAM	1	24	1	0	15.63	18.65	18.65	22.25	0.168
						25	0	100	0	16.69	16.24	19.23	**22.83**	0.192
5MHz+ 20MHz	18633	1853.3	18750	1865.0	256QAM	1	24	1	0	13.46	16.46	16.46	20.06	0.101
						25	0	100	0	14.60	14.24	17.15	20.75	0.119
	18808	1870.8	18925	1882.5	256QAM	1	24	1	0	14.20	17.26	17.26	20.86	0.122
						25	0	100	0	13.87	14.92	17.19	20.79	0.120
	18983	1888.3	19100	1900.0	256QAM	1	24	1	0	14.26	17.26	17.27	**20.87**	0.122
						25	0	100	0	14.69	14.23	17.22	20.82	0.121

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Part 24 _ EIRP Limit (W)	2
Antenna Gain	3.6

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

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	18653	1855.3	18773	1867.3	QPSK	1	49	1	0	19.33	18.69	21.91	25.51	0.356
						50	0	75	0	17.68	16.56	20.16	23.76	0.238
	18829	1872.9	18949	1884.9	QPSK	1	49	1	0	18.85	19.28	21.99	**25.59**	0.362
						50	0	75	0	16.85	17.33	20.11	23.71	0.235
	19005	1890.5	19125	1902.5	QPSK	1	49	1	0	19.01	19.10	21.97	25.57	0.361
						50	0	75	0	17.64	16.64	20.17	23.77	0.238
10MHz+ 15MHz	18653	1855.3	18773	1867.3	16QAM	1	49	1	0	17.92	18.14	20.93	24.53	0.284
						50	0	75	0	16.91	15.60	19.31	22.91	0.195
	18829	1872.9	18949	1884.9	16QAM	1	49	1	0	17.99	18.36	21.09	**24.69**	0.294
						50	0	75	0	15.82	16.62	19.25	22.85	0.193
	19005	1890.5	19125	1902.5	16QAM	1	49	1	0	17.99	18.22	21.01	24.61	0.289
						50	0	75	0	16.82	15.66	19.31	22.91	0.195
10MHz+ 15MHz	18653	1855.3	18773	1867.3	64QAM	1	49	1	0	16.09	16.33	19.14	22.74	0.188
						50	0	75	0	16.82	15.68	19.30	22.90	0.195
	18829	1872.9	18949	1884.9	64QAM	1	49	1	0	16.06	16.44	19.15	22.75	0.188
						50	0	75	0	15.91	16.59	19.26	22.86	0.193
	19005	1890.5	19125	1902.5	64QAM	1	49	1	0	16.13	16.36	19.18	22.78	0.190
						50	0	75	0	16.84	15.82	19.37	**22.97**	0.198
10MHz+ 15MHz	18653	1855.3	18773	1867.3	256QAM	1	49	1	0	13.96	14.20	17.01	20.61	0.115
						50	0	75	0	14.78	13.67	17.25	20.85	0.122
	18829	1872.9	18949	1884.9	256QAM	1	49	1	0	14.01	14.42	17.09	20.69	0.117
						50	0	75	0	13.83	14.62	17.28	20.88	0.122
	19005	1890.5	19125	1902.5	256QAM	1	49	1	0	14.00	14.28	17.04	20.64	0.116
						50	0	75	0	14.76	13.80	17.30	**20.90**	0.123

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Part 24 _ EIRP Limit (W)	2
Antenna Gain	3.6

OUTPUT POWER FOR LTE BAND2C (15MHz + 10MHz)

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	19.31	18.82	22.00	25.60	0.363
						75	0	50	0	17.81	16.37	20.14	23.74	0.237
	18851	1875.1	18971	1887.1	QPSK	1	74	1	0	19.29	18.95	22.06	25.66	0.368
						75	0	50	0	16.89	17.44	20.19	23.79	0.239
	19027	1892.7	19147	1904.7	QPSK	1	74	1	0	19.34	18.91	22.07	**25.67**	0.369
						75	0	50	0	17.78	16.61	20.22	23.82	0.241
15MHz+ 10MHz	18675	1857.5	18795	1869.5	16QAM	1	74	1	0	18.37	17.84	21.05	24.65	0.292
						75	0	50	0	17.04	15.49	19.31	22.91	0.195
	18851	1875.1	18971	1887.1	16QAM	1	74	1	0	18.37	17.96	21.15	**24.75**	0.299
						75	0	50	0	16.08	16.62	19.35	22.95	0.197
	19027	1892.7	19147	1904.7	16QAM	1	74	1	0	18.54	17.85	21.10	24.70	0.295
						75	0	50	0	16.95	15.88	19.40	23.00	0.200
15MHz+ 10MHz	18675	1857.5	18795	1869.5	64QAM	1	74	1	0	16.46	15.96	19.16	22.76	0.189
						75	0	50	0	16.85	15.66	19.31	22.91	0.195
	18851	1875.1	18971	1887.1	64QAM	1	74	1	0	16.47	16.07	19.23	22.83	0.192
						75	0	50	0	16.23	16.48	19.35	22.95	0.197
	19027	1892.7	19147	1904.7	64QAM	1	74	1	0	16.56	16.03	19.25	22.85	0.193
						75	0	50	0	16.82	15.88	19.37	**22.97**	0.198
15MHz+ 10MHz	18675	1857.5	18795	1869.5	256QAM	1	74	1	0	14.36	13.87	17.08	20.68	0.117
						75	0	50	0	15.05	13.47	17.31	20.91	0.123
	18851	1875.1	18971	1887.1	256QAM	1	74	1	0	14.42	14.05	17.17	20.77	0.119
						75	0	50	0	14.05	14.59	17.33	20.93	0.124
	19027	1892.7	19147	1904.7	256QAM	1	74	1	0	14.45	14.03	17.15	20.75	0.119
						75	0	50	0	14.88	13.85	17.37	**20.97**	0.125

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Part 24 _ EIRP Limit (W)	2
Antenna Gain	3.6

OUTPUT POWER FOR LTE BAND 2C (20MHz + 5MHz)

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	21.81	18.61	21.82	**25.42**	0.348
						100	0	25	0	17.83	16.44	20.01	23.61	0.230
	18875	1877.5	18992	1889.2	QPSK	1	99	1	0	21.81	18.91	21.81	25.41	0.348
						100	0	25	0	17.45	17.04	20.01	23.61	0.230
	19050	1895.0	19167	1906.7	QPSK	1	99	1	0	21.80	18.85	21.81	25.41	0.348
						100	0	25	0	17.79	16.66	20.05	23.65	0.232
20MHz+ 5MHz	18700	1860.0	18817	1871.7	16QAM	1	99	1	0	20.87	17.71	20.87	**24.47**	0.280
						100	0	25	0	17.02	15.61	19.16	22.76	0.189
	18875	1877.5	18992	1889.2	16QAM	1	99	1	0	20.82	17.84	20.83	24.43	0.277
						100	0	25	0	16.54	16.32	19.19	22.79	0.190
	19050	1895.0	19167	1906.7	16QAM	1	99	1	0	20.84	17.75	20.84	24.44	0.278
						100	0	25	0	17.18	15.48	19.22	22.82	0.191
20MHz+ 5MHz	18700	1860.0	18817	1871.7	64QAM	1	99	1	0	18.94	15.82	18.95	22.55	0.180
						100	0	25	0	16.98	15.64	19.17	22.77	0.189
	18875	1877.5	18992	1889.2	64QAM	1	99	1	0	18.94	15.88	18.95	22.55	0.180
						100	0	25	0	16.57	16.33	19.18	22.78	0.190
	19050	1895.0	19167	1906.7	64QAM	1	99	1	0	18.94	15.85	18.95	22.55	0.180
						100	0	25	0	17.15	15.55	19.21	**22.81**	0.191
20MHz+ 5MHz	18700	1860.0	18817	1871.7	256QAM	1	99	1	0	16.89	13.82	16.89	20.49	0.112
						100	0	25	0	15.03	13.52	17.09	20.69	0.117
	18875	1877.5	18992	1889.2	256QAM	1	99	1	0	16.91	13.81	16.91	20.51	0.112
						100	0	25	0	14.51	14.25	17.14	20.74	0.119
	19050	1895.0	19167	1906.7	256QAM	1	99	1	0	16.90	13.76	16.91	20.51	0.112
						100	0	25	0	14.98	13.75	17.16	**20.76**	0.119

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Part 24 _ EIRP Limit (W)	2
Antenna Gain	3.6

OUTPUT POWER FOR LTE BAND 2C (10MHz + 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)
10MHz+ 20MHz	18655	1855.5	18799	1869.9	QPSK	1	49	1	0	19.03	20.82	21.91	25.51	0.356
						50	0	100	0	17.79	16.70	20.24	23.84	0.242
	18806	1870.6	18950	1885.0	QPSK	1	49	1	0	19.18	20.95	22.02	**25.62**	0.365
						50	0	100	0	16.75	17.55	20.15	23.75	0.237
	18956	1885.6	19100	1900.0	QPSK	1	49	1	0	19.08	20.88	21.95	25.55	0.359
						50	0	100	0	17.79	16.61	20.20	23.80	0.240
10MHz+ 20MHz	18655	1855.5	18799	1869.9	16QAM	1	49	1	0	18.15	19.92	20.95	24.55	0.285
						50	0	100	0	16.92	15.87	19.41	23.01	0.200
	18806	1870.6	18950	1885.0	16QAM	1	49	1	0	18.03	20.08	21.03	**24.63**	0.290
						50	0	100	0	15.89	16.67	19.28	22.88	0.194
	18956	1885.6	19100	1900.0	16QAM	1	49	1	0	18.20	19.90	20.98	24.58	0.287
						50	0	100	0	16.85	15.85	19.35	22.95	0.197
10MHz+ 20MHz	18655	1855.5	18799	1869.9	64QAM	1	49	1	0	16.25	18.02	19.07	22.67	0.185
						50	0	100	0	16.96	15.89	19.43	**23.03**	0.201
	18806	1870.6	18950	1885.0	64QAM	1	49	1	0	16.15	18.12	19.14	22.74	0.188
						50	0	100	0	15.95	16.70	19.33	22.93	0.196
	18956	1885.6	19100	1900.0	64QAM	1	49	1	0	16.28	18.03	19.10	22.70	0.186
						50	0	100	0	16.96	15.75	19.36	22.96	0.198
10MHz+ 20MHz	18655	1855.5	18799	1869.9	256QAM	1	49	1	0	14.08	16.00	17.02	20.62	0.115
						50	0	100	0	14.83	13.97	17.43	**21.03**	0.127
	18806	1870.6	18950	1885.0	256QAM	1	49	1	0	14.05	16.11	17.08	20.68	0.117
						50	0	100	0	13.89	14.71	17.31	20.91	0.123
	18956	1885.6	19100	1900.0	256QAM	1	49	1	0	14.06	16.02	17.03	20.63	0.116
						50	0	100	0	14.71	13.95	17.34	20.94	0.124

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Part 24 _ EIRP Limit (W)	2
Antenna Gain	3.6

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

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	19.22	19.10	22.21	25.81	0.381
						75	0	75	0	17.79	16.76	20.31	23.91	0.246
	18825	1872.5	18975	1887.5	QPSK	1	74	1	0	19.16	19.32	22.24	25.84	0.384
						75	0	75	0	16.87	17.55	20.23	23.83	0.242
	18975	1887.5	19125	1902.5	QPSK	1	74	1	0	19.31	19.12	22.23	25.83	0.383
						75	0	75	0	18.05	16.30	20.26	23.86	0.243
15MHz+ 15MHz	18675	1857.5	18825	1872.5	16QAM	1	74	1	0	18.42	18.02	21.23	24.83	0.304
						75	0	75	0	16.90	15.89	19.46	23.06	0.202
	18825	1872.5	18975	1887.5	16QAM	1	74	1	0	18.25	18.31	21.30	24.90	0.309
						75	0	75	0	16.01	16.63	19.34	22.94	0.197
	18975	1887.5	19125	1902.5	16QAM	1	74	1	0	18.40	18.15	21.26	24.86	0.306
						75	0	75	0	16.93	15.70	19.42	23.02	0.200
15MHz+ 15MHz	18675	1857.5	18825	1872.5	64QAM	1	74	1	0	16.45	16.15	19.33	22.93	0.196
						75	0	75	0	16.92	15.91	19.45	23.05	0.202
	18825	1872.5	18975	1887.5	64QAM	1	74	1	0	16.34	16.42	19.40	23.00	0.200
						75	0	75	0	16.01	16.63	19.35	22.95	0.197
	18975	1887.5	19125	1902.5	64QAM	1	74	1	0	16.51	16.20	19.35	22.95	0.197
						75	0	75	0	16.95	15.80	19.43	23.03	0.201
15MHz+ 15MHz	18675	1857.5	18825	1872.5	256QAM	1	74	1	0	14.36	14.15	17.26	20.86	0.122
						75	0	75	0	14.89	13.71	17.39	20.99	0.126
	18825	1872.5	18975	1887.5	256QAM	1	74	1	0	14.26	14.38	17.36	20.96	0.125
						75	0	75	0	13.94	14.62	17.30	20.90	0.123
	18975	1887.5	19125	1902.5	256QAM	1	74	1	0	14.41	14.18	17.30	20.90	0.123
						75	0	75	0	14.90	13.80	17.36	20.96	0.125

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Part 24 _ EIRP Limit (W)	2
Antenna Gain	3.6

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

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	18700	1860.0	18844	1874.4	QPSK	1	99	1	0	21.03	18.96	22.01	25.61	0.364
						100	0	50	0	17.83	16.45	20.19	23.79	0.239
	18851	1875.1	18995	1889.5	QPSK	1	99	1	0	20.96	18.96	22.03	**25.63**	0.366
						100	0	50	0	16.92	17.34	20.17	23.77	0.238
	19001	1890.1	19145	1904.5	QPSK	1	99	1	0	20.93	18.89	21.94	25.54	0.358
						100	0	50	0	17.68	16.55	20.15	23.75	0.237
20MHz+ 10MHz	18700	1860.0	18844	1874.4	16QAM	1	99	1	0	20.05	17.99	21.05	**24.65**	0.292
						100	0	50	0	17.04	15.72	19.39	22.99	0.199
	18851	1875.1	18995	1889.5	16QAM	1	99	1	0	20.02	17.95	21.02	24.62	0.290
						100	0	50	0	16.17	16.52	19.33	22.93	0.196
	19001	1890.1	19145	1904.5	16QAM	1	99	1	0	20.01	17.89	21.01	24.61	0.289
						100	0	50	0	16.85	15.73	19.31	22.91	0.195
20MHz+ 10MHz	18700	1860.0	18844	1874.4	64QAM	1	99	1	0	18.15	16.07	19.16	22.76	0.189
						100	0	50	0	16.93	15.65	19.41	**23.01**	0.200
	18851	1875.1	18995	1889.5	64QAM	1	99	1	0	18.11	16.05	19.15	22.75	0.188
						100	0	50	0	16.17	16.51	19.34	22.94	0.197
	19001	1890.1	19145	1904.5	64QAM	1	99	1	0	18.10	16.05	19.12	22.72	0.187
						100	0	50	0	16.84	15.75	19.32	22.92	0.196
20MHz+ 10MHz	18700	1860.0	18844	1874.4	256QAM	1	99	1	0	16.07	14.05	17.11	20.71	0.118
						100	0	50	0	14.73	13.87	17.32	**20.92**	0.124
	18851	1875.1	18995	1889.5	256QAM	1	99	1	0	16.04	14.10	17.06	20.66	0.116
						100	0	50	0	14.10	14.46	17.26	20.86	0.122
	19001	1890.1	19145	1904.5	256QAM	1	99	1	0	16.05	13.97	17.05	20.65	0.116
						100	0	50	0	14.82	13.69	17.28	20.88	0.122

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Part 24 _ EIRP Limit (W)	2
Antenna Gain	3.6

OUTPUT POWER FOR LTE BAND 2C (15MHz + 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)
15MHz+ 20MHz	18678	1857.8	18849	1874.9	QPSK	1	74	1	0	19.47	18.75	22.09	25.69	0.371
						75	0	100	0	17.75	16.83	20.32	23.92	0.247
	18803	1870.3	18974	1887.4	QPSK	1	74	1	0	19.11	19.13	22.13	**25.73**	0.374
						75	0	100	0	16.81	17.40	20.13	23.73	0.236
	18929	1882.9	19100	1900.0	QPSK	1	74	1	0	19.26	18.91	22.12	25.72	0.373
						75	0	100	0	17.80	16.42	20.17	23.77	0.238
15MHz+ 20MHz	18678	1857.8	18849	1874.9	16QAM	1	74	1	0	18.41	17.91	21.17	24.77	0.300
						75	0	100	0	16.87	16.03	19.48	23.08	0.203
	18803	1870.3	18974	1887.4	16QAM	1	74	1	0	18.25	18.18	21.22	**24.82**	0.303
						75	0	100	0	15.96	16.54	19.27	22.87	0.194
	18929	1882.9	19100	1900.0	16QAM	1	74	1	0	18.42	17.84	21.13	24.73	0.297
						75	0	100	0	16.92	15.60	19.31	22.91	0.195
15MHz+ 20MHz	18678	1857.8	18849	1874.9	64QAM	1	74	1	0	16.45	16.02	19.25	22.85	0.193
						75	0	100	0	16.93	15.98	19.48	**23.08**	0.203
	18803	1870.3	18974	1887.4	64QAM	1	74	1	0	16.32	16.26	19.27	22.87	0.194
						75	0	100	0	16.00	16.54	19.27	22.87	0.194
	18929	1882.9	19100	1900.0	64QAM	1	74	1	0	16.71	15.74	19.26	22.86	0.193
						75	0	100	0	16.74	15.82	19.32	22.92	0.196
15MHz+ 20MHz	18678	1857.8	18849	1874.9	256QAM	1	74	1	0	14.40	14.01	17.16	20.76	0.119
						75	0	100	0	14.81	14.01	17.43	**21.03**	0.127
	18803	1870.3	18974	1887.4	256QAM	1	74	1	0	14.26	14.22	17.26	20.86	0.122
						75	0	100	0	13.91	14.57	17.28	20.88	0.122
	18929	1882.9	19100	1900.0	256QAM	1	74	1	0	14.35	14.03	17.18	20.78	0.120
						75	0	100	0	14.67	13.84	17.25	20.85	0.122

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Part 24 _ EIRP Limit (W)	2
Antenna Gain	3.6

OUTPUT POWER FOR LTE BAND 2C (20MHz + 15MHz)

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	19.02	19.15	22.12	25.72	0.373
						100	0	75	0	17.50	17.01	20.28	23.88	0.244
	18826	1872.6	18997	1889.7	QPSK	1	99	1	0	19.02	19.21	22.13	25.73	0.374
						100	0	75	0	16.85	17.35	20.11	23.71	0.235
	18951	1885.1	19122	1902.2	QPSK	1	99	1	0	19.16	19.12	22.14	**25.74**	0.375
						100	0	75	0	17.80	16.31	20.12	23.72	0.236
20MHz+ 15MHz	18700	1860.0	18871	1877.1	16QAM	1	99	1	0	18.07	18.23	21.20	**24.80**	0.302
						100	0	75	0	16.69	16.15	19.45	23.05	0.202
	18826	1872.6	18997	1889.7	16QAM	1	99	1	0	18.07	18.25	21.18	24.78	0.301
						100	0	75	0	16.03	16.50	19.27	22.87	0.194
	18951	1885.1	19122	1902.2	16QAM	1	99	1	0	18.20	18.08	21.15	24.75	0.299
						100	0	75	0	16.80	15.74	19.28	22.88	0.194
20MHz+ 15MHz	18700	1860.0	18871	1877.1	64QAM	1	99	1	0	16.26	16.30	19.30	22.90	0.195
						100	0	75	0	16.86	15.95	19.42	**23.02**	0.200
	18826	1872.6	18997	1889.7	64QAM	1	99	1	0	16.21	16.35	19.26	22.86	0.193
						100	0	75	0	16.03	16.51	19.28	22.88	0.194
	18951	1885.1	19122	1902.2	64QAM	1	99	1	0	16.31	16.24	19.27	22.87	0.194
						100	0	75	0	16.78	15.71	19.31	22.91	0.195
20MHz+ 15MHz	18700	1860.0	18871	1877.1	256QAM	1	99	1	0	14.18	14.25	17.22	20.82	0.121
						100	0	75	0	14.58	14.10	17.42	**21.02**	0.126
	18826	1872.6	18997	1889.7	256QAM	1	99	1	0	14.14	14.30	17.22	20.82	0.121
						100	0	75	0	13.96	14.45	17.24	20.84	0.121
	18951	1885.1	19122	1902.2	256QAM	1	99	1	0	14.18	14.17	17.23	20.83	0.121
						100	0	75	0	14.75	13.70	17.29	20.89	0.123

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Part 24 _ EIRP Limit (W)	2
Antenna Gain	3.6

OUTPUT POWER FOR LTE BAND 2C (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	18700	1860.0	18898	1879.8	QPSK	1	99	1	0	19.37	18.80	22.08	**25.68**	0.370
						100	0	100	0	17.50	17.12	20.33	23.93	0.247
	18801	1870.1	18999	1889.9	QPSK	1	99	1	0	18.99	19.16	22.08	**25.68**	0.370
						100	0	100	0	16.86	17.25	20.08	23.68	0.233
	18902	1880.2	19100	1900.0	QPSK	1	99	1	0	19.13	18.95	22.05	25.65	0.367
						100	0	100	0	17.40	16.68	20.07	23.67	0.233
20MHz+ 20MHz	18700	1860.0	18898	1879.8	16QAM	1	99	1	0	18.22	18.00	21.13	24.73	0.297
						100	0	100	0	16.62	16.29	19.47	23.07	0.203
	18801	1870.1	18999	1889.9	16QAM	1	99	1	0	18.14	18.15	21.14	**24.74**	0.298
						100	0	100	0	16.06	16.45	19.27	22.87	0.194
	18902	1880.2	19100	1900.0	16QAM	1	99	1	0	18.16	17.92	21.08	24.68	0.294
						100	0	100	0	16.54	15.81	19.19	22.79	0.190
20MHz+ 20MHz	18700	1860.0	18898	1879.8	64QAM	1	99	1	0	16.30	16.11	19.18	22.78	0.190
						100	0	100	0	16.63	16.30	19.48	**23.08**	0.203
	18801	1870.1	18999	1889.9	64QAM	1	99	1	0	16.17	16.22	19.20	22.80	0.191
						100	0	100	0	16.05	16.42	19.27	22.87	0.194
	18902	1880.2	19100	1900.0	64QAM	1	99	1	0	16.28	16.05	19.18	22.78	0.190
						100	0	100	0	16.52	15.80	19.20	22.80	0.191
20MHz+ 20MHz	18700	1860.0	18898	1879.8	256QAM	1	99	1	0	14.19	14.13	17.13	20.73	0.118
						100	0	100	0	14.54	14.27	17.42	**21.02**	0.126
	18801	1870.1	18999	1889.9	256QAM	1	99	1	0	14.10	14.22	17.16	20.76	0.119
						100	0	100	0	13.96	14.41	17.22	20.82	0.121
	18902	1880.2	19100	1900.0	256QAM	1	99	1	0	14.21	14.01	17.13	20.73	0.118
						100	0	100	0	14.47	13.82	17.18	20.78	0.120

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Part 27 / RSS 199_ EIRP Limit (W)	2
Antenna Gain	4.06

OUTPUT POWER FOR LTE BAND 7C (10MHz + 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)
10MHz+ 20MHz	20805	2505.5	20949	2519.9	QPSK	1	49	1	0	19.58	21.30	22.21	**26.27**	0.424
						50	0	100	0	17.41	17.65	20.43	24.49	0.281
	21006	2525.6	21150	2540.0	QPSK	1	49	1	0	19.22	21.15	22.19	26.25	0.422
						50	0	100	0	17.05	17.60	20.26	24.32	0.270
	21206	2545.6	21350	2560.0	QPSK	1	49	1	0	19.31	21.06	22.11	26.17	0.414
						50	0	100	0	17.35	17.37	20.31	24.37	0.274
10MHz+ 20MHz	20805	2505.5	20949	2519.9	16QAM	1	49	1	0	18.35	20.27	21.28	**25.34**	0.342
						50	0	100	0	16.30	16.52	19.42	23.48	0.223
	21006	2525.6	21150	2540.0	16QAM	1	49	1	0	18.29	20.25	21.23	25.29	0.338
						50	0	100	0	16.02	16.48	19.23	23.29	0.213
	21206	2545.6	21350	2560.0	16QAM	1	49	1	0	18.22	20.12	21.15	25.21	0.332
						50	0	100	0	16.33	16.32	19.30	23.36	0.217
10MHz+ 20MHz	20805	2505.5	20949	2519.9	64QAM	1	49	1	0	16.22	18.19	19.19	23.25	0.211
						50	0	100	0	16.31	16.52	19.40	**23.46**	0.222
	21006	2525.6	21150	2540.0	64QAM	1	49	1	0	16.13	18.13	19.11	23.17	0.207
						50	0	100	0	16.05	16.52	19.25	23.31	0.214
	21206	2545.6	21350	2560.0	64QAM	1	49	1	0	16.09	18.07	19.12	23.18	0.208
						50	0	100	0	16.37	16.26	19.32	23.38	0.218
10MHz+ 20MHz	20805	2505.5	20949	2519.9	256QAM	1	49	1	0	14.38	16.29	17.30	21.36	0.137
						50	0	100	0	14.46	14.37	17.53	**21.59**	0.144
	21006	2525.6	21150	2540.0	256QAM	1	49	1	0	14.19	16.22	17.28	21.34	0.136
						50	0	100	0	14.10	14.52	17.41	21.47	0.140
	21206	2545.6	21350	2560.0	256QAM	1	49	1	0	14.16	16.17	17.18	21.24	0.133
						50	0	100	0	14.46	14.45	17.45	21.51	0.142

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Part 27 / RSS 199_ EIRP Limit (W)	2
Antenna Gain	4.06

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

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	19.45	19.36	22.46	26.52	0.449
						75	0	75	0	17.61	17.53	20.53	24.59	0.288
	21025	2527.5	21175	2542.5	QPSK	1	74	1	0	19.41	19.37	22.45	26.51	0.448
						75	0	75	0	17.20	17.51	20.35	24.41	0.276
	21225	2547.5	21375	2562.5	QPSK	1	74	1	0	19.41	19.25	22.34	26.40	0.437
						75	0	75	0	17.38	17.34	20.42	24.48	0.281
15MHz+ 15MHz	20825	2507.5	20975	2522.5	16QAM	1	74	1	0	18.48	18.50	21.51	25.57	0.361
						75	0	75	0	16.25	16.65	19.45	23.51	0.224
	21025	2527.5	21175	2542.5	16QAM	1	74	1	0	18.50	18.35	21.49	25.55	0.359
						75	0	75	0	16.14	16.51	19.31	23.37	0.217
	21225	2547.5	21375	2562.5	16QAM	1	74	1	0	18.50	18.29	21.41	25.47	0.352
						75	0	75	0	16.41	16.28	19.35	23.41	0.219
15MHz+ 15MHz	20825	2507.5	20975	2522.5	64QAM	1	74	1	0	16.38	16.39	19.41	23.47	0.222
						75	0	75	0	16.25	16.65	19.48	23.54	0.226
	21025	2527.5	21175	2542.5	64QAM	1	74	1	0	16.42	16.35	19.36	23.42	0.220
						75	0	75	0	16.13	16.50	19.33	23.39	0.218
	21225	2547.5	21375	2562.5	64QAM	1	74	1	0	16.30	16.23	19.33	23.39	0.218
						75	0	75	0	16.43	16.31	19.37	23.43	0.220
15MHz+ 15MHz	20825	2507.5	20975	2522.5	256QAM	1	74	1	0	14.48	14.58	17.56	21.62	0.145
						75	0	75	0	14.38	14.79	17.62	21.68	0.147
	21025	2527.5	21175	2542.5	256QAM	1	74	1	0	14.48	14.42	17.46	21.52	0.142
						75	0	75	0	14.32	14.61	17.48	21.54	0.143
	21225	2547.5	21375	2562.5	256QAM	1	74	1	0	14.42	14.43	17.41	21.47	0.140
						75	0	75	0	14.53	14.46	17.52	21.58	0.144

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Part 27 / RSS 199_ EIRP Limit (W)	2
Antenna Gain	4.06

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

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	20850	2510.0	20994	2524.4	QPSK	1	99	1	0	21.11	19.22	22.18	**26.24**	0.421
						100	0	50	0	17.38	17.57	20.45	24.51	0.282
	21051	2530.1	21195	2544.5	QPSK	1	99	1	0	21.11	19.07	22.14	26.20	0.417
						100	0	50	0	17.34	17.26	20.29	24.35	0.272
	21251	2550.1	21395	2564.5	QPSK	1	99	1	0	21.04	19.02	22.05	26.11	0.408
						100	0	50	0	17.55	17.18	20.35	24.41	0.276
20MHz+ 10MHz	20850	2510.0	20994	2524.4	16QAM	1	99	1	0	20.23	18.13	21.24	**25.30**	0.339
						100	0	50	0	16.27	16.65	19.43	23.49	0.223
	21051	2530.1	21195	2544.5	16QAM	1	99	1	0	20.14	18.05	21.14	25.20	0.331
						100	0	50	0	16.35	16.26	19.25	23.31	0.214
	21251	2550.1	21395	2564.5	16QAM	1	99	1	0	20.16	18.01	21.14	25.20	0.331
						100	0	50	0	16.56	16.14	19.32	23.38	0.218
20MHz+ 10MHz	20850	2510.0	20994	2524.4	64QAM	1	99	1	0	18.14	16.06	19.18	23.24	0.211
						100	0	50	0	16.21	16.68	19.44	**23.50**	0.224
	21051	2530.1	21195	2544.5	64QAM	1	99	1	0	18.05	15.98	19.08	23.14	0.206
						100	0	50	0	16.32	16.22	19.24	23.30	0.214
	21251	2550.1	21395	2564.5	64QAM	1	99	1	0	18.08	15.94	19.05	23.11	0.205
						100	0	50	0	16.55	16.11	19.32	23.38	0.218
20MHz+ 10MHz	20850	2510.0	20994	2524.4	256QAM	1	99	1	0	16.26	14.22	17.25	21.31	0.135
						100	0	50	0	14.28	14.81	17.56	**21.62**	0.145
	21051	2530.1	21195	2544.5	256QAM	1	99	1	0	16.16	14.13	17.16	21.22	0.132
						100	0	50	0	14.44	14.42	17.43	21.49	0.141
	21251	2550.1	21395	2564.5	256QAM	1	99	1	0	16.18	14.13	17.17	21.23	0.133
						100	0	50	0	14.88	14.03	17.46	21.52	0.142

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Part 27 / RSS 199_ EIRP Limit (W)	2
Antenna Gain	4.06

OUTPUT POWER FOR LTE BAND 7C (15MHz + 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)
15MHz+ 20MHz	20828	2507.8	20999	2524.9	QPSK	1	74	1	0	19.49	19.32	22.40	**26.46**	0.443
						75	0	100	0	17.35	17.71	20.52	24.58	0.287
	21003	2525.3	21174	2542.4	QPSK	1	74	1	0	19.45	19.36	22.38	26.44	0.441
						75	0	100	0	16.95	17.66	20.30	24.36	0.273
	21179	2542.9	21350	2560.0	QPSK	1	74	1	0	19.36	19.21	22.29	26.35	0.432
						75	0	100	0	17.57	17.25	20.42	24.48	0.281
15MHz+ 20MHz	20828	2507.8	20999	2524.9	16QAM	1	74	1	0	18.62	18.28	21.46	**25.52**	0.356
						75	0	100	0	16.08	16.81	19.46	23.52	0.225
	21003	2525.3	21174	2542.4	16QAM	1	74	1	0	18.65	18.28	21.45	25.51	0.356
						75	0	100	0	16.15	16.37	19.29	23.35	0.216
	21179	2542.9	21350	2560.0	16QAM	1	74	1	0	18.59	18.16	21.36	25.42	0.348
						75	0	100	0	16.59	16.21	19.41	23.47	0.222
15MHz+ 20MHz	20828	2507.8	20999	2524.9	64QAM	1	74	1	0	16.50	16.16	19.37	23.43	0.220
						75	0	100	0	16.07	16.80	19.45	**23.51**	0.224
	21003	2525.3	21174	2542.4	64QAM	1	74	1	0	16.44	16.25	19.37	23.43	0.220
						75	0	100	0	16.17	16.37	19.27	23.33	0.215
	21179	2542.9	21350	2560.0	64QAM	1	74	1	0	16.45	16.10	19.23	23.29	0.213
						75	0	100	0	16.69	16.02	19.41	23.47	0.222
15MHz+ 20MHz	20828	2507.8	20999	2524.9	256QAM	1	74	1	0	14.55	14.40	17.48	21.54	0.143
						75	0	100	0	14..35	14.93	17.62	**21.68**	0.147
	21003	2525.3	21174	2542.4	256QAM	1	74	1	0	14.56	14.38	17.50	21.56	0.143
						75	0	100	0	14.16	14.67	17.41	21.47	0.140
	21179	2542.9	21350	2560.0	256QAM	1	74	1	0	14.49	14.26	17.36	21.42	0.139
						75	0	100	0	14.69	14.26	17.51	21.57	0.144

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Part 27 / RSS 199_ EIRP Limit (W)	2
Antenna Gain	4.06

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

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	19.26	19.46	22.38	**26.44**	0.441
						100	0	75	0	17.25	17.90	20.53	24.59	0.288
	21026	2527.6	21197	2544.7	QPSK	1	99	1	0	19.26	19.50	22.37	26.43	0.440
						100	0	75	0	17.23	17.45	20.34	24.40	0.275
	21201	2545.1	21372	2562.2	QPSK	1	99	1	0	19.18	19.41	22.31	26.37	0.434
						100	0	75	0	17.76	17.01	20.43	24.49	0.281
20MHz+ 15MHz	20850	2510.0	21021	2527.1	16QAM	1	99	1	0	18.40	18.48	21.44	**25.50**	0.355
						100	0	75	0	16.05	16.91	19.51	23.57	0.228
	21026	2527.6	21197	2544.7	16QAM	1	99	1	0	18.36	18.42	21.43	25.49	0.354
						100	0	75	0	16.26	16.41	19.35	23.41	0.219
	21201	2545.1	21372	2562.2	16QAM	1	99	1	0	18.32	18.41	21.36	25.42	0.348
						100	0	75	0	16.47	16.32	19.41	23.47	0.222
20MHz+ 15MHz	20850	2510.0	21021	2527.1	64QAM	1	99	1	0	16.19	16.43	19.35	23.41	0.219
						100	0	75	0	16.03	16.89	19.50	**23.56**	0.227
	21026	2527.6	21197	2544.7	64QAM	1	99	1	0	16.25	16.34	19.30	23.36	0.217
						100	0	75	0	16.34	16.35	19.35	23.41	0.219
	21201	2545.1	21372	2562.2	64QAM	1	99	1	0	16.27	16.35	19.25	23.31	0.214
						100	0	75	0	16.46	16.35	19.42	23.48	0.223
20MHz+ 15MHz	20850	2510.0	21021	2527.1	256QAM	1	99	1	0	14.27	14.60	17.46	21.52	0.142
						100	0	75	0	14.15	15.06	17.64	**21.70**	0.148
	21026	2527.6	21197	2544.7	256QAM	1	99	1	0	14.33	14.51	17.43	21.49	0.141
						100	0	75	0	14.37	14.59	17.50	21.56	0.143
	21201	2545.1	21372	2562.2	256QAM	1	99	1	0	14.24	14.48	17.42	21.48	0.141
						100	0	75	0	14.56	14.47	17.52	21.58	0.144

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Part 27 / RSS 199_ EIRP Limit (W)	2
Antenna Gain	4.06

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	19.13	19.43	22.29	26.35	0.432
						100	0	100	0	16.83	18.07	20.50	24.56	0.286
	21001	2525.1	21199	2544.9	QPSK	1	99	1	0	19.17	19.36	22.27	26.33	0.430
						100	0	100	0	17.15	17.35	20.28	24.34	0.272
	21152	2540.2	21350	2560.0	QPSK	1	99	1	0	19.35	19.14	22.24	26.30	0.427
						100	0	100	0	17.58	17.16	20.38	24.44	0.278
20MHz+ 20MHz	20850	2510.0	21048	2529.8	16QAM	1	99	1	0	18.35	18.34	21.35	25.41	0.348
						100	0	100	0	15.94	16.86	19.46	23.52	0.225
	21001	2525.1	21199	2544.9	16QAM	1	99	1	0	18.34	18.31	21.32	25.38	0.345
						100	0	100	0	15.99	16.48	19.25	23.31	0.214
	21152	2540.2	21350	2560.0	16QAM	1	99	1	0	18.37	18.17	21.27	25.33	0.341
						100	0	100	0	16.43	16.20	19.33	23.39	0.218
20MHz+ 20MHz	20850	2510.0	21048	2529.8	64QAM	1	99	1	0	16.25	16.24	19.25	23.31	0.214
						100	0	100	0	16.04	16.88	19.48	23.54	0.226
	21001	2525.1	21199	2544.9	64QAM	1	99	1	0	16.26	16.20	19.25	23.31	0.214
						100	0	100	0	16.01	16.48	19.28	23.34	0.216
	21152	2540.2	21350	2560.0	64QAM	1	99	1	0	16.35	16.10	19.22	23.28	0.213
						100	0	100	0	16.49	16.17	19.33	23.39	0.218
20MHz+ 20MHz	20850	2510.0	21048	2529.8	256QAM	1	99	1	0	14.33	14.35	17.35	21.41	0.138
						100	0	100	0	14.32	14.93	17.62	21.68	0.147
	21001	2525.1	21199	2544.9	256QAM	1	99	1	0	14.32	14.36	17.37	21.43	0.139
						100	0	100	0	14.18	14.53	17.37	21.43	0.139
	21152	2540.2	21350	2560.0	256QAM	1	99	1	0	14.32	14.22	17.28	21.34	0.136
						100	0	100	0	14.54	14.36	17.52	21.58	0.144

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Part 27 / RSS 199_ EIRP Limit (W)	2
Antenna Gain	4.06

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

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	37825	2577.5	37975	2592.5	QPSK	1	74	1	0	19.46	19.43	22.45	26.51	0.448
						75	0	75	0	17.53	17.32	20.43	24.49	0.281
	37925	2587.5	38075	2602.5	QPSK	1	74	1	0	19.45	19.49	22.47	26.53	0.450
						75	0	75	0	17.67	17.25	20.48	24.54	0.284
	38025	2597.5	38175	2612.5	QPSK	1	74	1	0	19.50	19.43	22.48	26.54	0.451
						75	0	75	0	17.72	17.21	20.48	24.54	0.284
15MHz+ 15MHz	37825	2577.5	37975	2592.5	16QAM	1	74	1	0	18.49	18.45	21.48	25.54	0.358
						75	0	75	0	16.49	16.28	19.40	23.46	0.222
	37925	2587.5	38075	2602.5	16QAM	1	74	1	0	18.52	18.47	21.51	25.57	0.361
						75	0	75	0	16.68	16.29	19.51	23.57	0.228
	38025	2597.5	38175	2612.5	16QAM	1	74	1	0	18.52	18.45	21.53	25.59	0.362
						75	0	75	0	16.75	16.21	19.50	23.56	0.227
15MHz+ 15MHz	37825	2577.5	37975	2592.5	64QAM	1	74	1	0	16.12	16.41	19.28	23.34	0.216
						75	0	75	0	16.52	16.31	19.42	23.48	0.223
	37925	2587.5	38075	2602.5	64QAM	1	74	1	0	16.17	16.45	19.33	23.39	0.218
						75	0	75	0	16.69	16.30	19.51	23.57	0.228
	38025	2597.5	38175	2612.5	64QAM	1	74	1	0	16.18	16.42	19.29	23.35	0.216
						75	0	75	0	16.77	16.23	19.52	23.58	0.228
15MHz+ 15MHz	37825	2577.5	37975	2592.5	256QAM	1	74	1	0	14.46	14.55	17.52	21.58	0.144
						75	0	75	0	14.75	17.43	17.61	21.67	0.147
	37925	2587.5	38075	2602.5	256QAM	1	74	1	0	14.52	14.56	17.53	21.59	0.144
						75	0	75	0	14.80	14.42	17.63	21.69	0.148
	38025	2597.5	38175	2612.5	256QAM	1	74	1	0	14.50	14.58	17.56	21.62	0.145
						75	0	75	0	14.85	14.26	17.59	21.65	0.146

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Part 27 / RSS 199_ EIRP Limit (W)	2
Antenna Gain	4.06

OUTPUT POWER FOR LTE BAND 38C (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	37850	2580.0	38048	2599.8	QPSK	1	99	1	0	19.27	19.25	22.28	26.34	0.431
						100	0	100	0	17.46	17.18	20.34	24.40	0.275
	37901	2585.1	38099	2604.9	QPSK	1	99	1	0	19.31	19.25	22.28	26.34	0.431
						100	0	100	0	17.58	17.10	20.37	24.43	0.277
	37952	2590.2	38150	2610.0	QPSK	1	99	1	0	19.31	19.24	22.30	**26.36**	0.433
						100	0	100	0	17.63	17.05	20.36	24.42	0.277
20MHz+ 20MHz	37850	2580.0	38048	2599.8	16QAM	1	99	1	0	18.32	18.25	21.29	25.35	0.343
						100	0	100	0	16.50	16.11	19.32	23.38	0.218
	37901	2585.1	38099	2604.9	16QAM	1	99	1	0	18.32	18.24	21.28	25.34	0.342
						100	0	100	0	16.57	16.07	19.34	23.40	0.219
	37952	2590.2	38150	2610.0	16QAM	1	99	1	0	18.39	18.24	21.33	**25.39**	0.346
						100	0	100	0	16.76	15.95	19.38	23.44	0.221
20MHz+ 20MHz	37850	2580.0	38048	2599.8	64QAM	1	99	1	0	15.96	16.20	19.09	23.15	0.207
						100	0	100	0	16.48	16.12	19.32	23.38	0.218
	37901	2585.1	38099	2604.9	64QAM	1	99	1	0	15.96	16.20	19.11	23.17	0.207
						100	0	100	0	16.58	16.02	19.32	23.38	0.218
	37952	2590.2	38150	2610.0	64QAM	1	99	1	0	15.98	16.22	19.13	23.19	0.208
						100	0	100	0	16.58	16.02	19.40	**23.46**	0.222
20MHz+ 20MHz	37850	2580.0	38048	2599.8	256QAM	1	99	1	0	14.23	14.44	17.34	21.40	0.138
						100	0	100	0	14.68	14.23	17.48	21.54	0.143
	37901	2585.1	38099	2604.9	256QAM	1	99	1	0	14.35	14.37	17.38	21.44	0.139
						100	0	100	0	14.72	14.23	17.48	21.54	0.143
	37952	2590.2	38150	2610.0	256QAM	1	99	1	0	14.25	14.40	17.35	21.41	0.138
						100	0	100	0	14.81	14.16	17.50	**21.56**	0.143

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Part 27_ EIRP Limit (W)	2
Antenna Gain	3.76

OUTPUT POWER FOR LTE BAND 41C (5MHz + 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)
5MHz+ 20MHz	39683	2499.3	39800	2511.0	QPSK	1	24	1	0	19.15	22.18	22.22	25.98	0.396
						25	0	100	0	16.92	18.10	20.30	24.06	0.255
	40528	2583.8	40645	2595.5	QPSK	1	24	1	0	19.18	22.16	22.18	25.94	0.393
						25	0	100	0	17.47	17.80	20.38	24.14	0.259
	41373	2668.3	41490	2680.0	QPSK	1	24	1	0	19.22	22.05	22.06	25.82	0.382
						25	0	100	0	17.49	17.68	20.32	24.08	0.256
5MHz+ 20MHz	39683	2499.3	39800	2511.0	16QAM	1	24	1	0	18.20	21.19	21.21	24.97	0.314
						25	0	100	0	16.15	17.24	19.50	23.26	0.212
	40528	2583.8	40645	2595.5	16QAM	1	24	1	0	18.15	21.21	21.22	24.98	0.315
						25	0	100	0	16.48	16.71	19.38	23.14	0.206
	41373	2668.3	41490	2680.0	16QAM	1	24	1	0	18.03	21.05	21.07	24.83	0.304
						25	0	100	0	16.52	16.61	19.33	23.09	0.204
5MHz+ 20MHz	39683	2499.3	39800	2511.0	64QAM	1	24	1	0	15.93	19.15	19.16	22.92	0.196
						25	0	100	0	16.09	17.25	19.51	23.27	0.212
	40528	2583.8	40645	2595.5	64QAM	1	24	1	0	15.74	18.96	18.99	22.75	0.188
						25	0	100	0	16.45	16.75	19.36	23.12	0.205
	41373	2668.3	41490	2680.0	64QAM	1	24	1	0	15.66	18.87	18.88	22.64	0.184
						25	0	100	0	16.48	16.62	19.31	23.07	0.203
5MHz+ 20MHz	39683	2499.3	39800	2511.0	256QAM	1	24	1	0	14.06	17.22	17.23	20.99	0.126
						25	0	100	0	14.09	15.24	17.45	21.21	0.132
	40528	2583.8	40645	2595.5	256QAM	1	24	1	0	14.15	17.27	17.28	21.04	0.127
						25	0	100	0	14.65	14.89	17.54	21.30	0.135
	41373	2668.3	41490	2680.0	256QAM	1	24	1	0	14.01	17.13	17.14	20.90	0.123
						25	0	100	0	14.64	14.79	17.49	21.25	0.133

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Part 27_ EIRP Limit (W)	2
Antenna Gain	3.76

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

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	22.02	19.00	22.02	**25.78**	0.378
						100	0	25	0	17.69	17.27	20.24	24.00	0.251
	40595	2590.5	40712	2602.2	QPSK	1	99	1	0	21.94	18.94	21.94	25.70	0.372
						100	0	25	0	17.85	16.99	20.21	23.97	0.249
	41440	2675.0	41557	2686.7	QPSK	1	99	1	0	21.91	18.85	21.92	25.68	0.370
						100	0	25	0	17.94	16.73	20.15	23.91	0.246
20MHz+ 5MHz	39750	2506.0	39867	2517.7	16QAM	1	99	1	0	21.04	18.00	21.04	**24.80**	0.302
						100	0	25	0	16.85	16.44	19.41	23.17	0.207
	40595	2590.5	40712	2602.2	16QAM	1	99	1	0	20.96	17.91	20.96	24.72	0.296
						100	0	25	0	16.88	16.05	19.26	23.02	0.200
	41440	2675.0	41557	2686.7	16QAM	1	99	1	0	20.94	17.88	20.95	24.71	0.296
						100	0	25	0	17.00	15.81	19.22	22.98	0.199
20MHz+ 5MHz	39750	2506.0	39867	2517.7	64QAM	1	99	1	0	18.67	15.63	18.67	22.43	0.175
						100	0	25	0	16.90	16.44	19.41	**23.17**	0.207
	40595	2590.5	40712	2602.2	64QAM	1	99	1	0	18.60	15.55	18.60	22.36	0.172
						100	0	25	0	16.90	16.01	19.23	22.99	0.199
	41440	2675.0	41557	2686.7	64QAM	1	99	1	0	18.60	15.54	18.60	22.36	0.172
						100	0	25	0	17.00	15.76	19.18	22.94	0.197
20MHz+ 5MHz	39750	2506.0	39867	2517.7	256QAM	1	99	1	0	17.06	14.02	17.06	20.82	0.121
						100	0	25	0	14.84	14.47	17.41	**21.17**	0.131
	40595	2590.5	40712	2602.2	256QAM	1	99	1	0	16.94	13.89	16.94	20.70	0.117
						100	0	25	0	15.01	14.18	17.38	21.14	0.130
	41440	2675.0	41557	2686.7	256QAM	1	99	1	0	16.91	13.85	16.91	20.67	0.117
						100	0	25	0	15.10	13.96	17.34	21.10	0.129

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Part 27_ EIRP Limit (W)	2
Antenna Gain	3.76

OUTPUT POWER FOR LTE BAND 41C (10MHz + 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)
10MHz+ 20MHz	39705	2501.5	39849	2515.9	QPSK	1	49	1	0	18.92	20.85	21.99	**25.75**	0.376
						50	0	100	0	16.87	17.41	20.13	23.89	0.245
	40526	2583.6	40670	2598.0	QPSK	1	49	1	0	18.95	20.82	21.98	25.74	0.375
						50	0	100	0	17.27	17.07	20.16	23.92	0.247
	41346	2665.6	41490	2680.0	QPSK	1	49	1	0	18.80	20.67	21.83	25.59	0.362
						50	0	100	0	17.29	16.91	20.09	23.85	0.243
10MHz+ 20MHz	39705	2501.5	39849	2515.9	16QAM	1	49	1	0	17.98	20.14	21.05	**24.81**	0.303
						50	0	100	0	16.10	16.63	19.37	23.13	0.206
	40526	2583.6	40670	2598.0	16QAM	1	49	1	0	18.03	20.14	21.05	**24.81**	0.303
						50	0	100	0	16.30	16.11	19.19	22.95	0.197
	41346	2665.6	41490	2680.0	16QAM	1	49	1	0	17.86	19.97	20.89	24.65	0.292
						50	0	100	0	16.34	15.97	19.14	22.90	0.195
10MHz+ 20MHz	39705	2501.5	39849	2515.9	64QAM	1	49	1	0	15.78	17.98	18.85	22.61	0.182
						50	0	100	0	16.11	16.59	19.34	**23.10**	0.204
	40526	2583.6	40670	2598.0	64QAM	1	49	1	0	15.64	17.79	18.67	22.43	0.175
						50	0	100	0	16.31	16.06	19.18	22.94	0.197
	41346	2665.6	41490	2680.0	64QAM	1	49	1	0	15.47	17.62	18.50	22.26	0.168
						50	0	100	0	16.35	15.93	19.14	22.90	0.195
10MHz+ 20MHz	39705	2501.5	39849	2515.9	256QAM	1	49	1	0	14.01	16.10	17.06	20.82	0.121
						50	0	100	0	14.10	14.60	17.35	21.11	0.129
	40526	2583.6	40670	2598.0	256QAM	1	49	1	0	13.97	16.02	17.00	20.76	0.119
						50	0	100	0	14.49	14.25	17.36	**21.12**	0.129
	41346	2665.6	41490	2680.0	256QAM	1	49	1	0	13.83	15.88	16.85	20.61	0.115
						50	0	100	0	14.46	14.10	17.27	21.03	0.127

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Part 27_ EIRP Limit (W)	2
Antenna Gain	3.76

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

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	21.05	18.98	22.02	**25.78**	0.378
						100	0	50	0	17.18	17.13	20.14	23.90	0.245
	40571	2588.1	40715	2602.5	QPSK	1	99	1	0	20.99	18.90	21.96	25.72	0.373
						100	0	50	0	17.40	16.91	20.15	23.91	0.246
	41391	2670.1	41535	2684.5	QPSK	1	99	1	0	20.99	18.89	21.96	25.72	0.373
						100	0	50	0	17.51	16.76	20.13	23.89	0.245
20MHz+ 10MHz	39750	2506.0	39894	2520.4	16QAM	1	99	1	0	19.94	17.98	21.04	**24.80**	0.302
						100	0	50	0	16.40	16.34	19.36	23.12	0.205
	40571	2588.1	40715	2602.5	16QAM	1	99	1	0	16.45	15.97	19.21	22.97	0.198
						100	0	50	0	16.48	16.00	19.23	22.99	0.199
	41391	2670.1	41535	2684.5	16QAM	1	99	1	0	19.90	17.91	20.99	24.75	0.299
						100	0	50	0	16.53	15.77	19.15	22.91	0.195
20MHz+ 10MHz	39750	2506.0	39894	2520.4	64QAM	1	99	1	0	17.56	15.66	18.71	22.47	0.177
						100	0	50	0	16.36	16.36	19.34	**23.10**	0.204
	40571	2588.1	40715	2602.5	64QAM	1	99	1	0	17.52	15.60	18.66	22.42	0.174
						100	0	50	0	16.42	15.99	19.20	22.96	0.198
	41391	2670.1	41535	2684.5	64QAM	1	99	1	0	17.49	15.56	18.63	22.39	0.173
						100	0	50	0	16.50	15.80	19.15	22.91	0.195
20MHz+ 10MHz	39750	2506.0	39894	2520.4	256QAM	1	99	1	0	15.96	14.02	17.08	20.84	0.121
						100	0	50	0	14.30	14.33	17.30	21.06	0.128
	40571	2588.1	40715	2602.5	256QAM	1	99	1	0	15.87	13.92	16.98	20.74	0.119
						100	0	50	0	14.59	14.17	17.38	**21.14**	0.130
	41391	2670.1	41535	2684.5	256QAM	1	99	1	0	15.84	13.87	16.94	20.70	0.117
						100	0	50	0	14.61	13.96	17.28	21.04	0.127

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Part 27_ EIRP Limit (W)	2
Antenna Gain	3.76

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

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	39725	2503.5	39875	2518.5	QPSK	1	74	1	0	19.17	19.21	22.20	25.96	0.394
						75	0	75	0	17.03	17.32	20.19	23.95	0.248
	40545	2585.5	40695	2600.5	QPSK	1	74	1	0	19.24	19.20	22.23	25.99	0.397
						75	0	75	0	17.40	17.02	20.22	23.98	0.250
	41365	2667.5	41515	2682.5	QPSK	1	74	1	0	19.12	19.06	22.10	25.86	0.385
						75	0	75	0	17.38	16.78	20.10	23.86	0.243
15MHz+ 15MHz	39725	2503.5	39875	2518.5	16QAM	1	74	1	0	18.25	18.28	21.28	25.04	0.319
						75	0	75	0	16.21	16.48	19.36	23.12	0.205
	40545	2585.5	40695	2600.5	16QAM	1	74	1	0	18.28	18.25	21.27	25.03	0.318
						75	0	75	0	16.40	16.03	19.23	22.99	0.199
	41365	2667.5	41515	2682.5	16QAM	1	74	1	0	18.18	18.13	21.16	24.92	0.310
						75	0	75	0	16.40	15.80	19.12	22.88	0.194
15MHz+ 15MHz	39725	2503.5	39875	2518.5	64QAM	1	74	1	0	16.08	16.11	19.10	22.86	0.193
						75	0	75	0	16.30	16.56	19.44	23.20	0.209
	40545	2585.5	40695	2600.5	64QAM	1	74	1	0	15.95	15.91	18.94	22.70	0.186
						75	0	75	0	16.43	16.06	19.26	23.02	0.200
	41365	2667.5	41515	2682.5	64QAM	1	74	1	0	15.79	15.74	18.78	22.54	0.179
						75	0	75	0	16.41	15.80	19.12	22.88	0.194
15MHz+ 15MHz	39725	2503.5	39875	2518.5	256QAM	1	74	1	0	14.26	14.29	17.27	21.03	0.127
						75	0	75	0	14.26	14.54	17.41	21.17	0.131
	40545	2585.5	40695	2600.5	256QAM	1	74	1	0	14.25	14.21	17.24	21.00	0.126
						75	0	75	0	14.60	14.24	17.43	21.19	0.132
	41365	2667.5	41515	2682.5	256QAM	1	74	1	0	14.11	14.06	17.10	20.86	0.122
						75	0	75	0	14.56	14.01	17.31	21.07	0.128

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Part 27_ EIRP Limit (W)	2
Antenna Gain	3.76

OUTPUT POWER FOR LTE BAND 41C (15MHz + 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)
15MHz+ 20MHz	39728	2503.8	39899	2520.9	QPSK	1	74	1	0	19.20	19.08	22.15	25.91	0.390
						75	0	100	0	17.03	17.11	20.11	23.87	0.244
	40523	2583.3	40694	2600.4	QPSK	1	74	1	0	19.21	19.03	22.12	25.88	0.387
						75	0	100	0	17.32	16.93	20.14	23.90	0.245
	41319	2662.9	41490	2680.0	QPSK	1	74	1	0	19.05	18.87	21.97	25.73	0.374
						75	0	100	0	17.31	16.81	20.08	23.84	0.242
15MHz+ 20MHz	39728	2503.8	39899	2520.9	16QAM	1	74	1	0	18.21	18.07	21.15	24.91	0.310
						75	0	100	0	16.20	16.36	19.29	23.05	0.202
	40523	2583.3	40694	2600.4	16QAM	1	74	1	0	18.23	18.04	21.14	24.90	0.309
						75	0	100	0	16.32	15.97	19.16	22.92	0.196
	41319	2662.9	41490	2680.0	16QAM	1	74	1	0	18.11	17.83	20.98	24.74	0.298
						75	0	100	0	16.26	15.79	19.04	22.80	0.191
15MHz+ 20MHz	39728	2503.8	39899	2520.9	64QAM	1	74	1	0	16.05	15.92	18.99	22.75	0.188
						75	0	100	0	16.24	16.35	19.31	23.07	0.203
	40523	2583.3	40694	2600.4	64QAM	1	74	1	0	15.87	15.69	18.79	22.55	0.180
						75	0	100	0	16.36	15.97	19.18	22.94	0.197
	41319	2662.9	41490	2680.0	64QAM	1	74	1	0	15.68	15.50	18.60	22.36	0.172
						75	0	100	0	16.30	15.78	19.06	22.82	0.191
15MHz+ 20MHz	39728	2503.8	39899	2520.9	256QAM	1	74	1	0	14.24	14.11	17.19	20.95	0.124
						75	0	100	0	14.17	14.34	17.27	21.03	0.127
	40523	2583.3	40694	2600.4	256QAM	1	74	1	0	14.20	14.02	17.12	20.88	0.122
						75	0	100	0	14.51	14.14	17.34	21.10	0.129
	41319	2662.9	41490	2680.0	256QAM	1	74	1	0	14.06	13.89	16.99	20.75	0.119
						75	0	100	0	14.42	13.99	17.22	20.98	0.125

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Part 27_ EIRP Limit (W)	2
Antenna Gain	3.76

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

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	39750	2506.0	39921	2523.1	QPSK	1	99	1	0	19.05	19.19	22.13	**25.89**	0.388
						100	0	75	0	17.12	17.10	20.12	23.88	0.244
	40546	2585.6	40717	2602.7	QPSK	1	99	1	0	19.05	19.17	22.12	25.88	0.387
						100	0	75	0	17.34	16.94	20.16	23.92	0.247
	41341	2665.1	41512	2682.2	QPSK	1	99	1	0	18.92	19.02	21.98	25.74	0.375
						100	0	75	0	17.27	16.72	20.03	23.79	0.239
20MHz+ 15MHz	39750	2506.0	39921	2523.1	16QAM	1	99	1	0	18.08	18.21	21.16	**24.92**	0.310
						100	0	75	0	16.33	16.27	19.31	23.07	0.203
	40546	2585.6	40717	2602.7	16QAM	1	99	1	0	18.07	18.20	21.15	24.91	0.310
						100	0	75	0	16.41	15.98	19.21	22.97	0.198
	41341	2665.1	41512	2682.2	16QAM	1	99	1	0	17.94	18.03	21.00	24.76	0.299
						100	0	75	0	16.36	15.75	19.08	22.84	0.192
20MHz+ 15MHz	39750	2506.0	39921	2523.1	64QAM	1	99	1	0	15.75	15.87	18.82	22.58	0.181
						100	0	75	0	16.31	16.28	19.30	**23.06**	0.202
	40546	2585.6	40717	2602.7	64QAM	1	99	1	0	15.72	15.82	18.78	22.54	0.179
						100	0	75	0	16.32	15.93	19.14	22.90	0.195
	41341	2665.1	41512	2682.2	64QAM	1	99	1	0	15.62	15.71	18.67	22.43	0.175
						100	0	75	0	16.33	15.76	19.07	22.83	0.192
20MHz+ 15MHz	39750	2506.0	39921	2523.1	256QAM	1	99	1	0	14.14	14.26	17.21	20.97	0.125
						100	0	75	0	14.23	14.24	17.24	21.00	0.126
	40546	2585.6	40717	2602.7	256QAM	1	99	1	0	14.10	14.20	17.16	20.92	0.124
						100	0	75	0	14.49	14.12	17.32	**21.08**	0.128
	41341	2665.1	41512	2682.2	256QAM	1	99	1	0	13.92	14.02	16.98	20.74	0.119
						100	0	75	0	14.42	13.92	17.19	20.95	0.124

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Part 27_ EIRP Limit (W)	2
Antenna Gain	3.76

OUTPUT POWER FOR LTE BAND 41 (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	39750	2506.0	39948	2525.8	QPSK	1	99	1	0	18.94	18.91	21.92	25.68	0.370
						100	0	100	0	16.97	16.84	19.90	23.66	0.232
	40521	2583.1	40719	2602.9	QPSK	1	99	1	0	18.95	18.91	21.93	**25.69**	0.371
						100	0	100	0	17.19	16.73	19.98	23.74	0.237
	41292	2660.2	41490	2680.0	QPSK	1	99	1	0	18.76	18.72	21.77	25.53	0.357
						100	0	100	0	17.08	16.63	19.88	23.64	0.231
20MHz+ 20MHz	39750	2506.0	39948	2525.8	16QAM	1	99	1	0	18.09	18.04	21.08	**24.84**	0.305
						100	0	100	0	16.30	16.18	19.20	22.96	0.198
	40521	2583.1	40719	2602.9	16QAM	1	99	1	0	18.08	18.02	21.06	24.82	0.303
						100	0	100	0	16.35	15.90	19.13	22.89	0.195
	41292	2660.2	41490	2680.0	16QAM	1	99	1	0	17.98	17.79	20.89	24.65	0.292
						100	0	100	0	16.22	15.77	19.01	22.77	0.189
20MHz+ 20MHz	39750	2506.0	39948	2525.8	64QAM	1	99	1	0	15.76	15.71	18.73	22.49	0.177
						100	0	100	0	16.28	16.17	19.20	**22.96**	0.198
	40521	2583.1	40719	2602.9	64QAM	1	99	1	0	15.71	15.66	18.70	22.46	0.176
						100	0	100	0	16.31	15.86	19.10	22.86	0.193
	41292	2660.2	41490	2680.0	64QAM	1	99	1	0	15.53	15.48	18.51	22.27	0.169
						100	0	100	0	16.20	15.75	18.99	22.75	0.188
20MHz+ 20MHz	39750	2506.0	39948	2525.8	256QAM	1	99	1	0	14.14	14.09	17.12	20.88	0.122
						100	0	100	0	14.27	14.18	17.24	**21.00**	0.126
	40521	2583.1	40719	2602.9	256QAM	1	99	1	0	14.05	13.99	17.03	20.79	0.120
						100	0	100	0	14.44	14.01	17.24	**21.00**	0.126
	41292	2660.2	41490	2680.0	256QAM	1	99	1	0	13.89	13.83	16.87	20.63	0.116
						100	0	100	0	14.32	13.93	17.13	20.89	0.123

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RSS 199_ EIRP Limit (W)	2
Antenna Gain	3.76

OUTPUT POWER FOR LTE BAND 41C (5MHz + 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)
5MHz+ 20MHz	39723	2503.3	39840	2515.0	QPSK	1	24	1	0	19.12	22.17	22.21	25.97	0.395
						25	0	100	0	16.90	18.05	20.28	24.04	0.254
	40528	2583.8	40645	2595.5	QPSK	1	24	1	0	19.18	22.16	22.18	25.94	0.393
						25	0	100	0	17.47	17.80	20.38	24.14	0.259
	41373	2668.3	41490	2680.0	QPSK	1	24	1	0	19.22	22.05	22.06	25.82	0.382
						25	0	100	0	17.49	17.68	20.32	24.08	0.256
5MHz+ 20MHz	39723	2503.3	39840	2515.0	16QAM	1	24	1	0	18.16	21.15	21.17	24.93	0.311
						25	0	100	0	16.10	17.19	19.45	23.21	0.209
	40528	2583.8	40645	2595.5	16QAM	1	24	1	0	18.15	21.21	21.22	24.98	0.315
						25	0	100	0	16.48	16.71	19.38	23.14	0.206
	41373	2668.3	41490	2680.0	16QAM	1	24	1	0	18.03	21.05	21.07	24.83	0.304
						25	0	100	0	16.52	16.61	19.33	23.09	0.204
5MHz+ 20MHz	39723	2503.3	39840	2515.0	64QAM	1	24	1	0	15.90	19.12	19.13	22.89	0.195
						25	0	100	0	16.08	17.24	19.50	23.26	0.212
	40528	2583.8	40645	2595.5	64QAM	1	24	1	0	15.74	18.96	18.99	22.75	0.188
						25	0	100	0	16.45	16.75	19.36	23.12	0.205
	41373	2668.3	41490	2680.0	64QAM	1	24	1	0	15.66	18.87	18.88	22.64	0.184
						25	0	100	0	16.48	16.62	19.31	23.07	0.203
5MHz+ 20MHz	39723	2503.3	39840	2515.0	256QAM	1	24	1	0	14.03	17.19	17.20	20.96	0.125
						25	0	100	0	14.09	15.24	17.45	21.21	0.132
	40528	2583.8	40645	2595.5	256QAM	1	24	1	0	14.15	17.27	17.28	21.04	0.127
						25	0	100	0	14.65	14.89	17.54	21.30	0.135
	41373	2668.3	41490	2680.0	256QAM	1	24	1	0	14.01	17.13	17.14	20.90	0.123
						25	0	100	0	14.64	14.79	17.49	21.25	0.133

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RSS 199_ EIRP Limit (W)	2
Antenna Gain	3.76

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

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	39790	2510.0	39907	2521.7	QPSK	1	99	1	0	22.00	18.98	22.00	**25.76**	0.377
						100	0	25	0	17.65	17.24	20.20	23.96	0.249
	40595	2590.5	40712	2602.2	QPSK	1	99	1	0	21.94	18.94	21.94	25.70	0.372
						100	0	25	0	17.85	16.99	20.21	23.97	0.249
	41440	2675.0	41557	2686.7	QPSK	1	99	1	0	21.91	18.85	21.92	25.68	0.370
						100	0	25	0	17.94	16.73	20.15	23.91	0.246
20MHz+ 5MHz	39790	2510.0	39907	2521.7	16QAM	1	99	1	0	21.01	17.97	21.01	**24.77**	0.300
						100	0	25	0	16.81	16.40	19.37	23.13	0.206
	40595	2590.5	40712	2602.2	16QAM	1	99	1	0	20.96	17.91	20.96	24.72	0.296
						100	0	25	0	16.88	16.05	19.26	23.02	0.200
	41440	2675.0	41557	2686.7	16QAM	1	99	1	0	20.94	17.88	20.95	24.71	0.296
						100	0	25	0	17.00	15.81	19.22	22.98	0.199
20MHz+ 5MHz	39790	2510.0	39907	2521.7	64QAM	1	99	1	0	18.62	15.60	18.63	22.39	0.173
						100	0	25	0	16.91	16.40	19.37	**23.13**	0.206
	40595	2590.5	40712	2602.2	64QAM	1	99	1	0	18.60	15.55	18.60	22.36	0.172
						100	0	25	0	16.90	16.01	19.23	22.99	0.199
	41440	2675.0	41557	2686.7	64QAM	1	99	1	0	18.60	15.54	18.60	22.36	0.172
						100	0	25	0	17.00	15.76	19.18	22.94	0.197
20MHz+ 5MHz	39790	2510.0	39907	2521.7	256QAM	1	99	1	0	17.03	13.98	17.02	20.78	0.120
						100	0	25	0	14.82	14.45	17.39	**21.15**	0.130
	40595	2590.5	40712	2602.2	256QAM	1	99	1	0	16.94	13.89	16.94	20.70	0.117
						100	0	25	0	15.01	14.18	17.38	21.14	0.130
	41440	2675.0	41557	2686.7	256QAM	1	99	1	0	16.91	13.85	16.91	20.67	0.117
						100	0	25	0	15.10	13.96	17.34	21.10	0.129

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RSS 199_ EIRP Limit (W)	2
Antenna Gain	3.76

OUTPUT POWER FOR LTE BAND 41C (10MHz + 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)
10MHz+ 20MHz	39745	2505.5	39889	2519.9	QPSK	1	49	1	0	18.89	20.82	21.99	**25.75**	0.376
						50	0	100	0	16.83	17.39	20.11	23.87	0.244
	40526	2583.6	40670	2598.0	QPSK	1	49	1	0	18.95	20.82	21.98	25.74	0.375
						50	0	100	0	17.27	17.07	20.16	23.92	0.247
	41346	2665.6	41490	2680.0	QPSK	1	49	1	0	18.80	20.67	21.83	25.59	0.362
						50	0	100	0	17.29	16.91	20.09	23.85	0.243
10MHz+ 20MHz	39745	2505.5	39889	2519.9	16QAM	1	49	1	0	17.94	20.16	21.05	**24.81**	0.303
						50	0	100	0	16.05	16.60	19.35	23.11	0.205
	40526	2583.6	40670	2598.0	16QAM	1	49	1	0	18.03	20.14	21.05	**24.81**	0.303
						50	0	100	0	16.30	16.11	19.19	22.95	0.197
	41346	2665.6	41490	2680.0	16QAM	1	49	1	0	17.86	19.97	20.89	24.65	0.292
						50	0	100	0	16.34	15.97	19.14	22.90	0.195
10MHz+ 20MHz	39745	2505.5	39889	2519.9	64QAM	1	49	1	0	15.73	17.95	18.83	22.59	0.182
						50	0	100	0	16.12	16.51	19.30	**23.06**	0.202
	40526	2583.6	40670	2598.0	64QAM	1	49	1	0	15.64	17.79	18.67	22.43	0.175
						50	0	100	0	16.31	16.06	19.18	22.94	0.197
	41346	2665.6	41490	2680.0	64QAM	1	49	1	0	15.47	17.62	18.50	22.26	0.168
						50	0	100	0	16.35	15.93	19.14	22.90	0.195
10MHz+ 20MHz	39745	2505.5	39889	2519.9	256QAM	1	49	1	0	14.05	16.03	17.01	20.77	0.119
						50	0	100	0	14.12	14.58	17.31	21.07	0.128
	40526	2583.6	40670	2598.0	256QAM	1	49	1	0	13.97	16.02	17.00	20.76	0.119
						50	0	100	0	14.49	14.25	17.36	**21.12**	0.129
	41346	2665.6	41490	2680.0	256QAM	1	49	1	0	13.83	15.88	16.85	20.61	0.115
						50	0	100	0	14.46	14.10	17.27	21.03	0.127

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RSS 199_ EIRP Limit (W)	2
Antenna Gain	3.76

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

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	39890	2510.0	39934	2524.4	QPSK	1	99	1	0	21.02	18.92	21.99	**25.75**	0.376
						100	0	50	0	17.15	17.10	20.11	23.87	0.244
	40571	2588.1	40715	2602.5	QPSK	1	99	1	0	20.99	18.90	21.96	25.72	0.373
						100	0	50	0	17.40	16.91	20.15	23.91	0.246
	41391	2670.1	41535	2684.5	QPSK	1	99	1	0	20.99	18.89	21.96	25.72	0.373
						100	0	50	0	17.51	16.76	20.13	23.89	0.245
20MHz+ 10MHz	39890	2510.0	39934	2524.4	16QAM	1	99	1	0	19.90	17.96	21.01	**24.77**	0.300
						100	0	50	0	16.42	16.30	19.33	23.09	0.204
	40571	2588.1	40715	2602.5	16QAM	1	99	1	0	16.45	15.97	19.21	22.97	0.198
						100	0	50	0	16.48	16.00	19.23	22.99	0.199
	41391	2670.1	41535	2684.5	16QAM	1	99	1	0	19.90	17.91	20.99	24.75	0.299
						100	0	50	0	16.53	15.77	19.15	22.91	0.195
20MHz+ 10MHz	39890	2510.0	39934	2524.4	64QAM	1	99	1	0	17.53	15.61	18.69	22.45	0.176
						100	0	50	0	16.33	16.31	19.32	**23.08**	0.203
	40571	2588.1	40715	2602.5	64QAM	1	99	1	0	17.52	15.60	18.66	22.42	0.174
						100	0	50	0	16.42	15.99	19.20	22.96	0.198
	41391	2670.1	41535	2684.5	64QAM	1	99	1	0	17.49	15.56	18.63	22.39	0.173
						100	0	50	0	16.50	15.80	19.15	22.91	0.195
20MHz+ 10MHz	39890	2510.0	39934	2524.4	256QAM	1	99	1	0	15.92	14.00	17.06	20.82	0.121
						100	0	50	0	14.33	14.28	17.27	21.03	0.127
	40571	2588.1	40715	2602.5	256QAM	1	99	1	0	15.87	13.92	16.98	20.74	0.119
						100	0	50	0	14.59	14.17	17.38	**21.14**	0.130
	41391	2670.1	41535	2684.5	256QAM	1	99	1	0	15.84	13.87	16.94	20.70	0.117
						100	0	50	0	14.61	13.96	17.28	21.04	0.127

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RSS 199_ EIRP Limit (W)	2
Antenna Gain	3.76

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

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	39768	2507.8	39918	2522.8	QPSK	1	74	1	0	19.15	19.17	20.16	23.92	0.247
						75	0	75	0	17.07	17.21	20.13	23.89	0.245
	40545	2585.5	40695	2600.5	QPSK	1	74	1	0	19.24	19.20	22.23	25.99	0.397
						75	0	75	0	17.40	17.02	20.22	23.98	0.250
	41365	2667.5	41515	2682.5	QPSK	1	74	1	0	19.12	19.06	22.10	25.86	0.385
						75	0	75	0	17.38	16.78	20.10	23.86	0.243
15MHz+ 15MHz	39768	2507.8	39918	2522.8	16QAM	1	74	1	0	18.23	18.24	21.28	25.04	0.319
						75	0	75	0	16.20	16.45	19.34	23.10	0.204
	40545	2585.5	40695	2600.5	16QAM	1	74	1	0	18.28	18.25	21.27	25.03	0.318
						75	0	75	0	16.40	16.03	19.23	22.99	0.199
	41365	2667.5	41515	2682.5	16QAM	1	74	1	0	18.18	18.13	21.16	24.92	0.310
						75	0	75	0	16.40	15.80	19.12	22.88	0.194
15MHz+ 15MHz	39768	2507.8	39918	2522.8	64QAM	1	74	1	0	16.05	16.08	19.08	22.84	0.192
						75	0	75	0	16.32	15.51	19.43	23.19	0.208
	40545	2585.5	40695	2600.5	64QAM	1	74	1	0	15.92	15.86	18.93	22.69	0.186
						75	0	75	0	16.43	16.06	19.26	23.02	0.200
	41365	2667.5	41515	2682.5	64QAM	1	74	1	0	15.79	15.74	18.78	22.54	0.179
						75	0	75	0	16.41	15.80	19.12	22.88	0.194
15MHz+ 15MHz	39768	2507.8	39918	2522.8	256QAM	1	74	1	0	14.25	14.28	17.26	21.02	0.126
						75	0	75	0	14.22	14.51	17.39	21.15	0.130
	40545	2585.5	40695	2600.5	256QAM	1	74	1	0	14.25	14.21	17.24	21.00	0.126
						75	0	75	0	14.60	14.24	17.43	21.19	0.132
	41365	2667.5	41515	2682.5	256QAM	1	74	1	0	14.11	14.06	17.10	20.86	0.122
						75	0	75	0	14.56	14.01	17.31	21.07	0.128

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RSS 199_ EIRP Limit (W)	2
Antenna Gain	3.76

OUTPUT POWER FOR LTE BAND 41C (15MHz + 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)
15MHz+ 20MHz	39768	2507.8	39939	2524.9	QPSK	1	74	1	0	19.17	19.05	22.14	**25.90**	0.389
						75	0	100	0	17.05	17.03	20.09	23.85	0.243
	40523	2583.3	40694	2600.4	QPSK	1	74	1	0	19.21	19.03	22.12	25.88	0.387
						75	0	100	0	17.32	16.93	20.14	23.90	0.245
	41319	2662.9	41490	2680.0	QPSK	1	74	1	0	19.05	18.87	21.97	25.73	0.374
						75	0	100	0	17.31	16.81	20.08	23.84	0.242
15MHz+ 20MHz	39768	2507.8	39939	2524.9	16QAM	1	74	1	0	18.19	18.05	21.15	**24.91**	0.310
						75	0	100	0	16.21	16.33	19.28	23.04	0.201
	40523	2583.3	40694	2600.4	16QAM	1	74	1	0	18.23	18.04	21.14	24.90	0.309
						75	0	100	0	16.32	15.97	19.16	22.92	0.196
	41319	2662.9	41490	2680.0	16QAM	1	74	1	0	18.11	17.83	20.98	24.74	0.298
						75	0	100	0	16.26	15.79	19.04	22.80	0.191
15MHz+ 20MHz	39768	2507.8	39939	2524.9	64QAM	1	74	1	0	16.03	15.94	18.97	22.73	0.187
						75	0	100	0	16.25	16.33	19.30	**23.06**	0.202
	40523	2583.3	40694	2600.4	64QAM	1	74	1	0	15.87	15.69	18.79	22.55	0.180
						75	0	100	0	16.36	15.97	19.18	22.94	0.197
	41319	2662.9	41490	2680.0	64QAM	1	74	1	0	15.68	15.50	18.60	22.36	0.172
						75	0	100	0	16.30	15.78	19.06	22.82	0.191
15MHz+ 20MHz	39768	2507.8	39939	2524.9	256QAM	1	74	1	0	14.22	14.12	17.18	20.94	0.124
						75	0	100	0	14.16	14.31	17.25	21.01	0.126
	40523	2583.3	40694	2600.4	256QAM	1	74	1	0	14.20	14.02	17.12	20.88	0.122
						75	0	100	0	14.51	14.14	17.34	**21.10**	0.129
	41319	2662.9	41490	2680.0	256QAM	1	74	1	0	14.06	13.89	16.99	20.75	0.119
						75	0	100	0	14.42	13.99	17.22	20.98	0.125

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RSS 199_ EIRP Limit (W)	2
Antenna Gain	3.76

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

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	39790	2510.0	39961	2527.1	QPSK	1	99	1	0	19.02	19.09	22.13	**25.89**	0.388
						100	0	75	0	17.10	17.14	20.13	23.89	0.245
	40546	2585.6	40717	2602.7	QPSK	1	99	1	0	19.05	19.17	22.12	25.88	0.387
						100	0	75	0	17.34	16.94	20.16	23.92	0.247
	41341	2665.1	41512	2682.2	QPSK	1	99	1	0	18.92	19.02	21.98	25.74	0.375
						100	0	75	0	17.27	16.72	20.03	23.79	0.239
20MHz+ 15MHz	39790	2510.0	39961	2527.1	16QAM	1	99	1	0	18.04	18.24	21.16	**24.92**	0.310
						100	0	75	0	16.30	16.35	19.29	23.05	0.202
	40546	2585.6	40717	2602.7	16QAM	1	99	1	0	18.07	18.20	21.15	24.91	0.310
						100	0	75	0	16.41	15.98	19.21	22.97	0.198
	41341	2665.1	41512	2682.2	16QAM	1	99	1	0	17.94	18.03	21.00	24.76	0.299
						100	0	75	0	16.36	15.75	19.08	22.84	0.192
20MHz+ 15MHz	39790	2510.0	39961	2527.1	64QAM	1	99	1	0	15.71	15.90	18.81	22.57	0.181
						100	0	75	0	16.29	16.30	19.29	**23.05**	0.202
	40546	2585.6	40717	2602.7	64QAM	1	99	1	0	15.72	15.82	18.78	22.54	0.179
						100	0	75	0	16.32	15.93	19.14	22.90	0.195
	41341	2665.1	41512	2682.2	64QAM	1	99	1	0	15.62	15.71	18.67	22.43	0.175
						100	0	75	0	16.33	15.76	19.07	22.83	0.192
20MHz+ 15MHz	39790	2510.0	39961	2527.1	256QAM	1	99	1	0	14.15	14.20	17.17	20.93	0.124
						100	0	75	0	14.22	14.28	17.26	21.02	0.126
	40546	2585.6	40717	2602.7	256QAM	1	99	1	0	14.10	14.20	17.16	20.92	0.124
						100	0	75	0	14.49	14.12	17.32	**21.08**	0.128
	41341	2665.1	41512	2682.2	256QAM	1	99	1	0	13.92	14.02	16.98	20.74	0.119
						100	0	75	0	14.42	13.92	17.19	20.95	0.124

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RSS 199_ EIRP Limit (W)	2
Antenna Gain	3.76

OUTPUT POWER FOR LTE BAND 41 (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	39790	2510.0	39988	2529.8	QPSK	1	99	1	0	18.90	18.88	21.82	25.58	0.361
						100	0	100	0	16.95	16.82	19.88	23.64	0.231
	40521	2583.1	40719	2602.9	QPSK	1	99	1	0	18.95	18.91	21.93	**25.69**	0.371
						100	0	100	0	17.19	16.73	19.98	23.74	0.237
	41292	2660.2	41490	2680.0	QPSK	1	99	1	0	18.76	18.72	21.77	25.53	0.357
						100	0	100	0	17.08	16.63	19.88	23.64	0.231
20MHz+ 20MHz	39790	2510.0	39988	2529.8	16QAM	1	99	1	0	18.05	18.06	21.07	**24.83**	0.304
						100	0	100	0	16.34	16.15	19.17	22.93	0.196
	40521	2583.1	40719	2602.9	16QAM	1	99	1	0	18.08	18.02	21.06	24.82	0.303
						100	0	100	0	16.35	15.90	19.13	22.89	0.195
	41292	2660.2	41490	2680.0	16QAM	1	99	1	0	17.98	17.79	20.89	24.65	0.292
						100	0	100	0	16.22	15.77	19.01	22.77	0.189
20MHz+ 20MHz	39790	2510.0	39988	2529.8	64QAM	1	99	1	0	15.74	15.68	18.70	22.46	0.176
						100	0	100	0	16.27	16.14	19.16	**22.92**	0.196
	40521	2583.1	40719	2602.9	64QAM	1	99	1	0	15.71	15.66	18.70	22.46	0.176
						100	0	100	0	16.31	15.86	19.10	22.86	0.193
	41292	2660.2	41490	2680.0	64QAM	1	99	1	0	15.53	15.48	18.51	22.27	0.169
						100	0	100	0	16.20	15.75	18.99	22.75	0.188
20MHz+ 20MHz	39790	2510.0	39988	2529.8	256QAM	1	99	1	0	14.12	14.07	17.10	20.86	0.122
						100	0	100	0	14.24	14.17	17.21	20.97	0.125
	40521	2583.1	40719	2602.9	256QAM	1	99	1	0	14.05	13.99	17.03	20.79	0.120
						100	0	100	0	14.44	14.01	17.24	**21.00**	0.126
	41292	2660.2	41490	2680.0	256QAM	1	99	1	0	13.89	13.83	16.87	20.63	0.116
						100	0	100	0	14.32	13.93	17.13	20.89	0.123

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Part 27 / RSS 139_ EIRP Limit (W)	1
Antenna Gain	4.86

OUTPUT POWER FOR LTE BAND 66C (5MHz + 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)
5MHz+ 20MHz	132005	1713.3	132122	1725.0	QPSK	1	24	1	0	19.20	22.23	22.25	26.01	0.399
						25	0	100	0	17.33	18.01	20.41	24.17	0.261
	132330	1745.8	132447	1757.5	QPSK	1	24	1	0	19.09	22.18	22.19	25.95	0.394
						25	0	100	0	17.36	17.98	20.44	24.20	0.263
	132455	1758.3	132572	1770.0	QPSK	1	24	1	0	19.08	22.11	22.12	25.88	0.387
						25	0	100	0	17.71	17.67	20.43	24.19	0.262
5MHz+ 20MHz	132005	1713.3	132122	1725.0	16QAM	1	24	1	0	18.35	21.28	21.30	25.06	0.321
						25	0	100	0	16.10	17.39	19.57	23.33	0.215
	132330	1745.8	132447	1757.5	16QAM	1	24	1	0	18.30	21.23	21.24	25.00	0.316
						25	0	100	0	16.51	17.12	19.58	23.34	0.216
	132455	1758.3	132572	1770.0	16QAM	1	24	1	0	18.22	21.22	21.23	24.99	0.316
						25	0	100	0	16.48	17.09	19.56	23.32	0.215
5MHz+ 20MHz	132005	1713.3	132122	1725.0	64QAM	1	24	1	0	16.65	19.37	19.38	23.14	0.206
						25	0	100	0	16.09	17.40	19.59	23.35	0.216
	132330	1745.8	132447	1757.5	64QAM	1	24	1	0	16.34	19.37	19.38	23.14	0.206
						25	0	100	0	16.50	17.11	19.58	23.34	0.216
	132455	1758.3	132572	1770.0	64QAM	1	24	1	0	16.26	19.25	19.26	23.02	0.200
						25	0	100	0	16.46	17.10	19.55	23.31	0.214
5MHz+ 20MHz	132005	1713.3	132122	1725.0	256QAM	1	24	1	0	14.58	17.36	17.37	21.13	0.130
						25	0	100	0	14.06	15.35	17.54	21.30	0.135
	132330	1745.8	132447	1757.5	256QAM	1	24	1	0	14.27	17.28	17.30	21.06	0.128
						25	0	100	0	14.48	15.07	17.55	21.31	0.135
	132455	1758.3	132572	1770.0	256QAM	1	24	1	0	14.20	14.24	17.26	21.02	0.126
						25	0	100	0	14.51	15.10	17.58	21.34	0.136

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Part 27 / RSS 139_ EIRP Limit (W)	1
Antenna Gain	4.86

OUTPUT POWER FOR LTE BAND 66C (10MHz + 15MHz)

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	18.84	19.29	21.99	25.75	0.376
						50	0	75	0	16.75	17.53	20.16	23.92	0.247
	132351	1747.9	132471	1759.9	QPSK	1	49	1	0	19.36	18.92	22.05	**25.81**	0.381
						50	0	75	0	17.05	17.27	20.17	23.93	0.247
	132477	1760.5	132597	1772.5	QPSK	1	49	1	0	18.82	19.21	21.93	25.69	0.371
						50	0	75	0	17.09	17.15	20.13	23.89	0.245
10MHz+ 15MHz	132025	1715.3	132145	1727.3	16QAM	1	49	1	0	18.19	18.72	21.37	**25.13**	0.326
						50	0	75	0	15.95	16.69	19.35	23.11	0.205
	132351	1747.9	132471	1759.9	16QAM	1	49	1	0	17.90	18.28	21.03	24.79	0.301
						50	0	75	0	16.21	16.36	19.29	23.05	0.202
	132477	1760.5	132597	1772.5	16QAM	1	49	1	0	18.19	18.61	21.32	25.08	0.322
						50	0	75	0	16.30	16.32	19.33	23.09	0.204
10MHz+ 15MHz	132025	1715.3	132145	1727.3	64QAM	1	49	1	0	16.89	16.34	19.04	22.80	0.191
						50	0	75	0	15.90	16.66	19.30	23.06	0.202
	132351	1747.9	132471	1759.9	64QAM	1	49	1	0	16.01	16.39	19.13	22.89	0.195
						50	0	75	0	16.15	16.39	19.28	23.04	0.201
	132477	1760.5	132597	1772.5	64QAM	1	49	1	0	15.87	16.28	18.98	22.74	0.188
						50	0	75	0	16.26	16.37	19.34	**23.10**	0.204
10MHz+ 15MHz	132025	1715.3	132145	1727.3	256QAM	1	49	1	0	13.98	14.49	17.13	20.89	0.123
						50	0	75	0	13.92	14.71	17.34	21.10	0.129
	132351	1747.9	132471	1759.9	256QAM	1	49	1	0	14.31	14.30	17.21	20.97	0.125
						50	0	75	0	14.15	14.39	17.28	21.04	0.127
	132477	1760.5	132597	1772.5	256QAM	1	49	1	0	14.37	14.68	17.48	**21.24**	0.133
						50	0	75	0	14.22	14.32	17.25	21.01	0.126

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Part 27 / RSS 139_ EIRP Limit (W)	1
Antenna Gain	4.86

OUTPUT POWER FOR LTE BAND 66C (15MHz + 10MHz)

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	19.42	18.52	21.96	25.72	0.373
						75	0	50	0	16.87	17.38	20.14	23.90	0.245
	132373	1750.1	132493	1762.1	QPSK	1	74	1	0	19.10	18.79	21.91	25.67	0.369
						75	0	50	0	17.46	16.61	20.06	23.82	0.241
	132499	1762.7	132619	1774.7	QPSK	1	74	1	0	19.68	18.30	22.00	**25.76**	0.377
						75	0	50	0	17.15	16.99	20.08	23.84	0.242
15MHz+ 10MHz	132047	1717.5	132167	1729.5	16QAM	1	74	1	0	18.16	17.83	20.94	24.70	0.295
						75	0	50	0	16.09	16.53	19.33	23.09	0.204
	132373	1750.1	132493	1762.1	16QAM	1	74	1	0	18.58	18.12	21.26	**25.02**	0.318
						75	0	50	0	16.19	16.33	19.27	23.03	0.201
	132499	1762.7	132619	1774.7	16QAM	1	74	1	0	18.09	17.69	20.83	24.59	0.288
						75	0	50	0	16.32	16.22	19.28	23.04	0.201
15MHz+ 10MHz	132047	1717.5	132167	1729.5	64QAM	1	74	1	0	16.54	16.85	19.62	**23.38**	0.218
						75	0	50	0	16.06	16.58	19.34	23.10	0.204
	132373	1750.1	132493	1762.1	64QAM	1	74	1	0	16.51	16.13	19.24	23.00	0.200
						75	0	50	0	16.15	16.28	19.22	22.98	0.199
	132499	1762.7	132619	1774.7	64QAM	1	74	1	0	16.17	15.82	18.95	22.71	0.187
						75	0	50	0	16.25	16.27	19.27	23.03	0.201
15MHz+ 10MHz	132047	1717.5	132167	1729.5	256QAM	1	74	1	0	14.70	14.34	17.44	**21.20**	0.132
						75	0	50	0	14.02	14.45	17.25	21.01	0.126
	132373	1750.1	132493	1762.1	256QAM	1	74	1	0	14.41	14.04	17.15	20.91	0.123
						75	0	50	0	14.10	14.26	17.19	20.95	0.124
	132499	1762.7	132619	1774.7	256QAM	1	74	1	0	14.50	14.12	17.25	21.01	0.126
						75	0	50	0	14.34	14.13	17.25	21.01	0.126

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Part 27 / RSS 139_ EIRP Limit (W)	1
Antenna Gain	4.86

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

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	132072	1720.0	132189	1731.7	QPSK	1	99	1	0	21.97	18.95	22.01	**25.77**	0.378
						100	0	25	0	17.49	17.24	20.12	23.88	0.244
	132397	1752.5	132514	1764.2	QPSK	1	99	1	0	21.75	18.70	21.75	25.51	0.356
						100	0	25	0	17.52	17.16	20.10	23.86	0.243
	132522	1765.0	132639	1776.7	QPSK	1	99	1	0	21.99	18.89	22.00	25.76	0.377
						100	0	25	0	17.65	17.05	20.10	23.86	0.243
20MHz+ 5MHz	132072	1720.0	132189	1731.7	16QAM	1	99	1	0	20.93	17.90	20.94	24.70	0.295
						100	0	25	0	16.50	16.65	19.29	23.05	0.202
	132397	1752.5	132514	1764.2	16QAM	1	99	1	0	20.94	17.92	20.94	24.70	0.295
						100	0	25	0	16.61	16.34	19.24	23.00	0.200
	132522	1765.0	132639	1776.7	16QAM	1	99	1	0	20.98	17.93	20.98	**24.74**	0.298
						100	0	25	0	16.60	16.50	19.30	23.06	0.202
20MHz+ 5MHz	132072	1720.0	132189	1731.7	64QAM	1	99	1	0	19.37	16.32	19.37	**23.13**	0.206
						100	0	25	0	16.66	16.40	19.28	23.04	0.201
	132397	1752.5	132514	1764.2	64QAM	1	99	1	0	18.97	15.93	18.97	22.73	0.187
						100	0	25	0	16.64	16.28	19.27	23.03	0.201
	132522	1765.0	132639	1776.7	64QAM	1	99	1	0	19.34	16.29	19.34	23.10	0.204
						100	0	25	0	16.81	16.17	19.25	23.01	0.200
20MHz+ 5MHz	132072	1720.0	132189	1731.7	256QAM	1	99	1	0	16.94	13.88	16.94	20.70	0.117
						100	0	25	0	14.60	14.31	17.21	**20.97**	0.125
	132397	1752.5	132514	1764.2	256QAM	1	99	1	0	16.96	13.59	16.62	20.38	0.109
						100	0	25	0	14.60	14.27	17.20	20.96	0.125
	132522	1765.0	132639	1776.7	256QAM	1	99	1	0	16.71	13.66	16.71	20.47	0.111
						100	0	25	0	14.76	14.09	17.20	20.96	0.125

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Part 27 / RSS 139_ EIRP Limit (W)	1
Antenna Gain	4.86

OUTPUT POWER FOR LTE BAND 66C (10MHz + 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)
10MHz+ 20MHz	132027	1715.5	132171	1729.9	QPSK	1	49	1	0	19.59	20.80	21.93	**25.69**	0.371
						50	0	100	0	16.66	17.34	20.00	23.76	0.238
	132328	1745.6	132472	1760.0	QPSK	1	49	1	0	18.81	20.91	21.84	25.60	0.363
						50	0	100	0	17.17	16.94	20.04	23.80	0.240
	132428	1755.6	132572	1770.0	QPSK	1	49	1	0	18.84	20.75	21.89	25.65	0.367
						50	0	100	0	17.10	17.05	20.06	23.82	0.241
10MHz+ 20MHz	132027	1715.5	132171	1729.9	16QAM	1	49	1	0	18.34	20.41	21.41	**25.17**	0.329
						50	0	100	0	15.83	16.53	19.18	22.94	0.197
	132328	1745.6	132472	1760.0	16QAM	1	49	1	0	17.75	19.81	20.79	24.55	0.285
						50	0	100	0	16.18	16.33	19.24	23.00	0.200
	132428	1755.6	132572	1770.0	16QAM	1	49	1	0	17.86	19.91	20.92	24.68	0.294
						50	0	100	0	16.19	16.42	19.30	23.06	0.202
10MHz+ 20MHz	132027	1715.5	132171	1729.9	64QAM	1	49	1	0	15.81	17.76	18.88	22.64	0.184
						50	0	100	0	15.87	16.54	19.20	22.96	0.198
	132328	1745.6	132472	1760.0	64QAM	1	49	1	0	16.26	18.16	19.30	**23.06**	0.202
						50	0	100	0	16.20	16.39	19.28	23.04	0.201
	132428	1755.6	132572	1770.0	64QAM	1	49	1	0	15.85	18.04	18.90	22.66	0.185
						50	0	100	0	16.13	16.40	19.26	23.02	0.200
10MHz+ 20MHz	132027	1715.5	132171	1729.9	256QAM	1	49	1	0	13.95	15.97	17.02	20.78	0.120
						50	0	100	0	13.84	14.52	17.18	20.94	0.124
	132328	1745.6	132472	1760.0	256QAM	1	49	1	0	14.47	16.36	17.51	**21.27**	0.134
						50	0	100	0	14.17	14.39	17.27	21.03	0.127
	132428	1755.6	132572	1770.0	256QAM	1	49	1	0	13.63	15.64	16.68	20.44	0.111
						50	0	100	0	14.09	14.36	17.21	20.97	0.125

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Part 27 / RSS 139_ EIRP Limit (W)	1
Antenna Gain	4.86

OUTPUT POWER FOR LTE BAND 66C (15MHz + 15MHz)

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	19.06	19.14	22.11	**25.87**	0.386
						75	0	75	0	16.88	17.30	20.10	23.86	0.243
	132347	1747.5	132497	1762.5	QPSK	1	74	1	0	19.00	19.03	22.03	25.79	0.379
						75	0	75	0	16.99	17.14	20.08	23.84	0.242
	132447	1757.5	132597	1772.5	QPSK	1	74	1	0	19.11	19.04	22.09	25.85	0.385
						75	0	75	0	17.03	17.12	20.08	23.84	0.242
15MHz+ 15MHz	132047	1717.5	132197	1732.5	16QAM	1	74	1	0	18.21	18.28	21.25	**25.01**	0.317
						75	0	75	0	16.07	16.47	19.28	23.04	0.201
	132347	1747.5	132497	1762.5	16QAM	1	74	1	0	17.93	18.02	20.99	24.75	0.299
						75	0	75	0	16.18	16.36	19.28	23.04	0.201
	132447	1757.5	132597	1772.5	16QAM	1	74	1	0	18.08	18.09	21.09	24.85	0.305
						75	0	75	0	15.99	16.26	19.14	22.90	0.195
15MHz+ 15MHz	132047	1717.5	132197	1732.5	64QAM	1	74	1	0	15.95	16.03	19.00	22.76	0.189
						75	0	75	0	16.06	16.47	19.28	23.04	0.201
	132347	1747.5	132497	1762.5	64QAM	1	74	1	0	16.29	16.32	19.31	23.07	0.203
						75	0	75	0	16.22	16.37	19.31	23.07	0.203
	132447	1757.5	132597	1772.5	64QAM	1	74	1	0	16.34	16.36	19.36	**23.12**	0.205
						75	0	75	0	16.12	16.23	19.18	22.94	0.197
15MHz+ 15MHz	132047	1717.5	132197	1732.5	256QAM	1	74	1	0	14.50	14.58	17.55	**21.31**	0.135
						75	0	75	0	14.04	14.45	17.26	21.02	0.126
	132347	1747.5	132497	1762.5	256QAM	1	74	1	0	13.96	13.99	16.99	20.75	0.119
						75	0	75	0	14.13	14.32	17.23	20.99	0.126
	132447	1757.5	132597	1772.5	256QAM	1	74	1	0	14.02	14.02	17.03	20.79	0.120
						75	0	75	0	14.14	14.25	17.21	20.97	0.125

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Part 27 / RSS 139_ EIRP Limit (W)	1
Antenna Gain	4.86

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

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	132072	1720.0	132216	1734.4	QPSK	1	99	1	0	20.85	18.88	21.95	**25.71**	0.372
						100	0	50	0	17.29	16.86	20.07	23.83	0.242
	132373	1750.1	132517	1764.5	QPSK	1	99	1	0	20.76	18.80	21.83	25.59	0.362
						100	0	50	0	17.01	17.15	20.07	23.83	0.242
	132473	1760.1	132617	1774.5	QPSK	1	99	1	0	20.80	18.85	21.92	25.68	0.370
						100	0	50	0	17.15	17.06	20.10	23.86	0.243
20MHz+ 10MHz	132072	1720.0	132216	1734.4	16QAM	1	99	1	0	19.73	17.79	20.85	**24.61**	0.289
						100	0	50	0	16.30	16.27	19.27	23.03	0.201
	132373	1750.1	132517	1764.5	16QAM	1	99	1	0	19.63	17.70	20.71	24.47	0.280
						100	0	50	0	16.18	16.31	19.23	22.99	0.199
	132473	1760.1	132617	1774.5	16QAM	1	99	1	0	19.53	17.61	20.67	24.43	0.277
						100	0	50	0	16.26	16.15	19.19	22.95	0.197
20MHz+ 10MHz	132072	1720.0	132216	1734.4	64QAM	1	99	1	0	18.11	16.22	19.28	23.04	0.201
						100	0	50	0	16.26	16.34	19.29	**23.05**	0.202
	132373	1750.1	132517	1764.5	64QAM	1	99	1	0	18.11	16.13	19.16	22.92	0.196
						100	0	50	0	16.09	16.24	19.15	22.91	0.195
	132473	1760.1	132617	1774.5	64QAM	1	99	1	0	18.21	16.15	19.20	22.96	0.198
						100	0	50	0	16.28	16.20	19.22	22.98	0.199
20MHz+ 10MHz	132072	1720.0	132216	1734.4	256QAM	1	99	1	0	16.52	14.37	17.43	**21.19**	0.132
						100	0	50	0	14.20	14.20	17.19	20.95	0.124
	132373	1750.1	132517	1764.5	256QAM	1	99	1	0	15.50	13.46	16.48	20.24	0.106
						100	0	50	0	14.11	14.24	17.16	20.92	0.124
	132473	1760.1	132617	1774.5	256QAM	1	99	1	0	15.99	14.01	17.07	20.83	0.121
						100	0	50	0	14.18	14.11	17.13	20.89	0.123

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Part 27 / RSS 139_ EIRP Limit (W	1
Antenna Gain	4.86

OUTPUT POWER FOR LTE BAND 66C (15MHz + 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)
15MHz+ 20MHz	132050	1717.8	132221	1734.9	QPSK	1	74	1	0	19.15	18.92	22.05	25.81	0.381
						75	0	100	0	17.42	16.46	19.97	23.73	0.236
	132325	1745.3	132496	1762.4	QPSK	1	74	1	0	19.01	18.87	21.95	25.71	0.372
						75	0	100	0	17.00	17.05	20.03	23.79	0.239
	132401	1752.9	132572	1770.0	QPSK	1	74	1	0	19.23	18.58	21.93	25.69	0.371
						75	0	100	0	17.31	16.66	20.01	23.77	0.238
15MHz+ 20MHz	132050	1717.8	132221	1734.9	16QAM	1	74	1	0	18.36	18.32	21.35	25.11	0.324
						75	0	100	0	16.03	16.22	19.14	22.90	0.195
	132325	1745.3	132496	1762.4	16QAM	1	74	1	0	18.07	17.93	21.01	24.77	0.300
						75	0	100	0	16.11	16.40	19.27	23.03	0.201
	132401	1752.9	132572	1770.0	16QAM	1	74	1	0	17.90	17.79	20.86	24.62	0.290
						75	0	100	0	15.88	16.37	19.14	22.90	0.195
15MHz+ 20MHz	132050	1717.8	132221	1734.9	64QAM	1	74	1	0	16.68	16.59	19.64	23.40	0.219
						75	0	100	0	15.93	16.28	19.12	22.88	0.194
	132325	1745.3	132496	1762.4	64QAM	1	74	1	0	16.36	16.22	19.30	23.06	0.202
						75	0	100	0	16.20	16.28	19.25	23.01	0.200
	132401	1752.9	132572	1770.0	64QAM	1	74	1	0	15.84	15.74	18.80	22.56	0.180
						75	0	100	0	15.93	16.35	19.16	22.92	0.196
15MHz+ 20MHz	132050	1717.8	132221	1734.9	256QAM	1	74	1	0	13.84	13.73	16.79	20.55	0.114
						75	0	100	0	13.99	14.17	17.09	20.85	0.122
	132325	1745.3	132496	1762.4	256QAM	1	74	1	0	14.17	14.04	17.11	20.87	0.122
						75	0	100	0	14.13	14.17	17.16	20.92	0.124
	132401	1752.9	132572	1770.0	256QAM	1	74	1	0	14.13	14.04	17.09	20.85	0.122
						75	0	100	0	14.02	14.22	17.13	20.89	0.123

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Part 27 / RSS 139_ EIRP Limit (W	1
Antenna Gain	4.86

OUTPUT POWER FOR LTE BAND 66C (20MHz + 15MHz)

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	132072	1720.0	132243	1737.1	QPSK	1	99	1	0	18.95	19.05	22.01	**25.77**	0.378
						100	0	75	0	16.95	16.92	19.94	23.70	0.234
	132348	1747.6	132519	1764.7	QPSK	1	99	1	0	18.84	19.01	21.93	25.69	0.371
						100	0	75	0	16.96	17.13	20.06	23.82	0.241
	132423	1755.1	132594	1772.2	QPSK	1	99	1	0	19.55	17.98	21.85	25.61	0.364
						100	0	75	0	16.94	17.09	20.03	23.79	0.239
20MHz+ 15MHz	132072	1720.0	132243	1737.1	16QAM	1	99	1	0	17.88	17.98	20.94	24.70	0.295
						100	0	75	0	16.20	16.15	19.19	22.95	0.197
	132348	1747.6	132519	1764.7	16QAM	1	99	1	0	17.76	17.94	20.86	24.62	0.290
						100	0	75	0	16.15	16.29	19.23	22.99	0.199
	132423	1755.1	132594	1772.2	16QAM	1	99	1	0	18.30	18.44	21.38	**25.14**	0.327
						100	0	75	0	16.07	16.24	19.17	22.93	0.196
20MHz+ 15MHz	132072	1720.0	132243	1737.1	64QAM	1	99	1	0	15.68	15.77	18.73	22.49	0.177
						100	0	75	0	16.13	16.11	19.13	22.89	0.195
	132348	1747.6	132519	1764.7	64QAM	1	99	1	0	16.10	16.29	19.21	**22.97**	0.198
						100	0	75	0	16.08	16.28	19.19	22.95	0.197
	132423	1755.1	132594	1772.2	64QAM	1	99	1	0	16.10	16.27	19.20	22.96	0.198
						100	0	75	0	16.09	16.24	19.18	22.94	0.197
20MHz+ 15MHz	132072	1720.0	132243	1737.1	256QAM	1	99	1	0	13.90	14.36	17.15	20.91	0.123
						100	0	75	0	14.08	14.06	17.08	20.84	0.121
	132348	1747.6	132519	1764.7	256QAM	1	99	1	0	13.92	14.11	17.03	20.79	0.120
						100	0	75	0	14.15	14.34	17.25	**21.01**	0.126
	132423	1755.1	132594	1772.2	256QAM	1	99	1	0	13.62	13.80	16.72	20.48	0.112
						100	0	75	0	14.09	14.24	17.17	20.93	0.124

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Part 27 / RSS 139_ EIRP Limit (W	1
Antenna Gain	4.86

OUTPUT POWER FOR LTE BAND 66C (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	132072	1720.0	132270	1739.8	QPSK	1	99	1	0	19.32	18.76	22.06	25.82	0.382
						100	0	100	0	17.01	16.76	19.90	23.66	0.232
	132323	1745.1	132521	1764.9	QPSK	1	99	1	0	18.83	18.84	21.84	25.60	0.363
						100	0	100	0	17.34	16.76	20.07	23.83	0.242
	132374	1750.2	132572	1770.0	QPSK	1	99	1	0	19.11	18.52	21.83	25.59	0.362
						100	0	100	0	16.95	17.12	20.05	23.81	0.240
20MHz+ 20MHz	132072	1720.0	132270	1739.8	16QAM	1	99	1	0	18.13	18.04	21.10	24.86	0.306
						100	0	100	0	16.17	15.92	19.06	22.82	0.191
	132323	1745.1	132521	1764.9	16QAM	1	99	1	0	17.78	17.82	20.81	24.57	0.286
						100	0	100	0	16.24	16.28	19.27	23.03	0.201
	132374	1750.2	132572	1770.0	16QAM	1	99	1	0	17.70	17.74	20.73	24.49	0.281
						100	0	100	0	16.16	16.33	19.26	23.02	0.200
20MHz+ 20MHz	132072	1720.0	132270	1739.8	64QAM	1	99	1	0	16.03	15.25	18.67	22.43	0.175
						100	0	100	0	16.16	15.92	19.06	22.82	0.191
	132323	1745.1	132521	1764.9	64QAM	1	99	1	0	16.06	16.10	19.09	22.85	0.193
						100	0	100	0	16.26	16.29	19.28	23.04	0.201
	132374	1750.2	132572	1770.0	64QAM	1	99	1	0	15.93	15.99	18.97	22.73	0.187
						100	0	100	0	16.04	16.22	19.14	22.90	0.195
20MHz+ 20MHz	132072	1720.0	132270	1739.8	256QAM	1	99	1	0	13.79	13.71	16.76	20.52	0.113
						100	0	100	0	14.13	13.90	17.03	20.79	0.120
	132323	1745.1	132521	1764.9	256QAM	1	99	1	0	13.85	13.89	16.88	20.64	0.116
						100	0	100	0	14.18	14.25	17.22	20.98	0.125
	132374	1750.2	132572	1770.0	256QAM	1	99	1	0	13.71	13.76	16.74	20.50	0.112
						100	0	100	0	14.05	14.25	17.16	20.92	0.124

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Part 24 _ EIRP Limit (W)	1
Antenna Gain	4.86

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

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	19.75	19.17	22.47	**27.33**	0.541
						25	0	25	0	17.34	17.75	20.56	25.42	0.348
	132398	1752.6	132446	1757.4	QPSK	1	24	1	0	19.40	19.39	22.39	27.25	0.531
						25	0	25	0	17.39	17.50	20.45	25.31	0.340
	132599	1772.7	132647	1777.5	QPSK	1	24	1	0	19.74	18.95	22.36	27.22	0.527
						25	0	25	0	17.56	17.46	20.52	25.38	0.345
5MHz+ 5MHz	131997	1712.5	132045	1717.3	16QAM	1	24	1	0	18.44	18.49	21.47	26.33	0.430
						25	0	25	0	16.60	17.01	19.82	24.68	0.294
	132398	1752.6	132446	1757.4	16QAM	1	24	1	0	18.06	18.13	21.10	25.96	0.394
						25	0	25	0	17.15	16.25	19.74	24.60	0.288
	132599	1772.7	132647	1777.5	16QAM	1	24	1	0	18.68	18.66	21.67	**26.53**	0.450
						25	0	25	0	16.71	16.61	19.67	24.53	0.284
5MHz+ 5MHz	131997	1712.5	132045	1717.3	64QAM	1	24	1	0	16.39	16.42	19.41	24.27	0.267
						25	0	25	0	16.49	16.90	19.71	24.57	0.286
	132398	1752.6	132446	1757.4	64QAM	1	24	1	0	16.61	16.60	19.61	24.47	0.280
						25	0	25	0	16.66	16.68	19.68	24.54	0.284
	132599	1772.7	132647	1777.5	64QAM	1	24	1	0	16.59	16.55	19.57	24.43	0.277
						25	0	25	0	16.82	16.72	19.78	**24.64**	0.291
5MHz+ 5MHz	131997	1712.5	132045	1717.3	256QAM	1	24	1	0	14.79	14.84	17.81	**22.67**	0.185
						25	0	25	0	14.55	14.97	17.78	22.64	0.184
	132398	1752.6	132446	1757.4	256QAM	1	24	1	0	14.41	14.40	17.19	22.05	0.160
						25	0	25	0	14.68	14.78	17.74	22.60	0.182
	132599	1772.7	132647	1777.5	256QAM	1	24	1	0	14.56	14.52	17.54	22.40	0.174
						25	0	25	0	14.72	14.63	17.69	22.55	0.180

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Part 27 / RSS 139_ EIRP Limit (W)	1
Antenna Gain	4.86

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

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+ 10MHz	132000	1712.8	132072	1720.0	QPSK	1	24	1	0	19.31	20.52	22.33	27.19	0.524
						25	0	50	0	17.25	17.65	20.44	25.30	0.339
	132375	1750.3	132447	1757.5	QPSK	1	24	1	0	19.30	20.33	22.30	27.16	0.520
						25	0	50	0	17.34	17.48	20.40	25.26	0.336
	132550	1767.8	132622	1775.0	QPSK	1	24	1	0	19.24	20.38	22.25	27.11	0.514
						25	0	50	0	17.60	17.49	20.53	25.39	0.346
5MHz+ 10MHz	132000	1712.8	132072	1720.0	16QAM	1	24	1	0	18.76	19.88	21.78	26.64	0.461
						25	0	50	0	16.43	16.99	19.71	24.57	0.286
	132375	1750.3	132447	1757.5	16QAM	1	24	1	0	18.23	19.46	21.27	26.13	0.410
						25	0	50	0	16.92	16.21	19.57	24.43	0.277
	132550	1767.8	132622	1775.0	16QAM	1	24	1	0	17.91	19.19	20.91	25.77	0.378
						25	0	50	0	16.73	16.64	19.67	24.53	0.284
5MHz+ 10MHz	132000	1712.8	132072	1720.0	64QAM	1	24	1	0	16.61	17.84	19.65	24.51	0.282
						25	0	50	0	16.36	17.00	19.68	24.54	0.284
	132375	1750.3	132447	1757.5	64QAM	1	24	1	0	16.52	17.70	19.59	24.45	0.279
						25	0	50	0	16.45	16.74	19.58	24.44	0.278
	132550	1767.8	132622	1775.0	64QAM	1	24	1	0	16.25	17.44	19.26	24.12	0.258
						25	0	50	0	17.52	15.85	19.57	24.43	0.277
5MHz+ 10MHz	132000	1712.8	132072	1720.0	256QAM	1	24	1	0	14.66	15.71	17.54	22.40	0.174
						25	0	50	0	14.34	14.98	17.67	22.53	0.179
	132375	1750.3	132447	1757.5	256QAM	1	24	1	0	14.39	15.21	17.28	22.14	0.164
						25	0	50	0	14.50	14.60	17.54	22.40	0.174
	132550	1767.8	132622	1775.0	256QAM	1	24	1	0	14.52	15.65	17.52	22.38	0.173
						25	0	50	0	14.66	14.59	17.61	22.47	0.177

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Part 27 / RSS 139_ EIRP Limit (W)	1
Antenna Gain	4.86

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

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+ 5MHz	132022	1715.0	132094	1722.2	QPSK	1	49	1	0	20.31	19.17	22.27	**27.13**	0.516
						50	0	25	0	17.30	17.89	20.59	25.45	0.351
	132397	1752.5	132469	1759.7	QPSK	1	49	1	0	20.28	19.19	22.19	27.05	0.507
						50	0	25	0	17.36	17.49	20.41	25.27	0.337
	132572	1770.0	132644	1777.2	QPSK	1	49	1	0	20.39	19.16	22.21	27.07	0.509
						50	0	25	0	17.59	17.41	20.49	25.35	0.343
10MHz+ 5MHz	132022	1715.0	132094	1722.2	16QAM	1	49	1	0	19.36	18.31	21.30	26.16	0.413
						50	0	25	0	16.39	16.96	19.67	24.53	0.284
	132397	1752.5	132469	1759.7	16QAM	1	49	1	0	19.43	18.37	21.38	26.24	0.421
						50	0	25	0	16.57	16.71	19.63	24.49	0.281
	132572	1770.0	132644	1777.2	16QAM	1	49	1	0	19.45	18.38	21.40	**26.26**	0.423
						50	0	25	0	16.50	16.85	19.67	24.53	0.284
10MHz+ 5MHz	132022	1715.0	132094	1722.2	64QAM	1	49	1	0	17.82	16.64	19.68	24.54	0.284
						50	0	25	0	16.45	17.07	19.76	**24.62**	0.290
	132397	1752.5	132469	1759.7	64QAM	1	49	1	0	17.49	16.33	19.36	24.22	0.264
						50	0	25	0	16.56	16.64	19.59	24.45	0.279
	132572	1770.0	132644	1777.2	64QAM	1	49	1	0	17.55	16.39	19.43	24.29	0.269
						50	0	25	0	16.90	16.51	19.70	24.56	0.286
10MHz+ 5MHz	132022	1715.0	132094	1722.2	256QAM	1	49	1	0	15.28	14.20	17.20	22.06	0.161
						50	0	25	0	14.39	15.00	17.69	**22.55**	0.180
	132397	1752.5	132469	1759.7	256QAM	1	49	1	0	15.10	13.82	16.84	21.70	0.148
						50	0	25	0	14.49	14.59	17.53	22.39	0.173
	132572	1770.0	132644	1777.2	256QAM	1	49	1	0	15.11	14.01	17.03	21.89	0.155
						50	0	25	0	14.60	14.44	17.51	22.37	0.173

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Part 27 / RSS 139_ EIRP Limit (W)	1
Antenna Gain	4.86

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

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+ 15MHz	132002	1713.0	132095	1722.3	QPSK	1	24	1	0	19.26	22.47	22.54	**27.40**	0.550
						25	0	75	0	16.99	18.20	20.45	25.31	0.340
	132353	1748.1	132446	1757.4	QPSK	1	24	1	0	19.31	22.51	22.52	27.38	0.547
						25	0	75	0	17.36	17.98	20.48	25.34	0.342
	132504	1763.2	132597	1772.5	QPSK	1	24	1	0	19.38	22.45	22.45	27.31	0.538
						25	0	75	0	17.44	17.98	20.50	25.36	0.344
5MHz+ 15MHz	132002	1713.0	132095	1722.3	16QAM	1	24	1	0	18.29	21.50	21.51	26.37	0.434
						25	0	75	0	16.13	17.33	19.59	24.45	0.279
	132353	1748.1	132446	1757.4	16QAM	1	24	1	0	18.31	21.51	21.50	26.36	0.433
						25	0	75	0	16.54	17.15	19.67	24.53	0.284
	132504	1763.2	132597	1772.5	16QAM	1	24	1	0	18.61	21.80	21.80	**26.66**	0.463
						25	0	75	0	16.69	17.11	19.72	24.58	0.287
5MHz+ 15MHz	132002	1713.0	132095	1722.3	64QAM	1	24	1	0	16.94	19.78	19.95	**24.81**	0.303
						25	0	75	0	16.16	17.35	19.62	24.48	0.281
	132353	1748.1	132446	1757.4	64QAM	1	24	1	0	16.62	19.81	19.82	24.68	0.294
						25	0	75	0	16.60	17.17	19.69	24.55	0.285
	132504	1763.2	132597	1772.5	64QAM	1	24	1	0	16.34	19.53	19.53	24.39	0.275
						25	0	75	0	16.63	17.11	19.68	24.54	0.284
5MHz+ 15MHz	132002	1713.0	132095	1722.3	256QAM	1	24	1	0	14.49	17.67	17.68	22.54	0.179
						25	0	75	0	14.09	15.36	17.58	22.44	0.175
	132353	1748.1	132446	1757.4	256QAM	1	24	1	0	14.54	17.75	17.76	22.62	0.183
						25	0	75	0	14.52	15.13	17.64	22.50	0.178
	132504	1763.2	132597	1772.5	256QAM	1	24	1	0	14.53	17.83	17.83	**22.69**	0.186
						25	0	75	0	14.62	14.96	17.61	22.47	0.177

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Part 27 / RSS 139_ EIRP Limit (W)	1
Antenna Gain	4.86

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

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+ 10MHz	132022	1715.0	132121	1724.9	QPSK	1	49	1	0	19.26	19.33	22.31	27.17	0.521
						50	0	50	0	17.08	17.81	20.47	25.33	0.341
	132373	1750.1	132472	1760.0	QPSK	1	49	1	0	19.19	19.19	22.20	27.06	0.508
						50	0	50	0	17.09	17.84	20.49	25.35	0.343
	132523	1765.1	132622	1775.0	QPSK	1	49	1	0	19.38	19.34	22.37	**27.23**	0.528
						50	0	50	0	17.52	17.36	20.45	25.31	0.340
10MHz+ 10MHz	132022	1715.0	132121	1724.9	16QAM	1	49	1	0	18.16	18.23	21.20	26.06	0.404
						50	0	50	0	16.30	17.03	19.69	24.55	0.285
	132373	1750.1	132472	1760.0	16QAM	1	49	1	0	18.28	18.30	21.30	26.16	0.413
						50	0	50	0	16.78	16.42	19.61	24.47	0.280
	132523	1765.1	132622	1775.0	16QAM	1	49	1	0	18.75	18.72	21.75	**26.61**	0.458
						50	0	50	0	16.69	16.58	19.64	24.50	0.282
10MHz+ 10MHz	132022	1715.0	132121	1724.9	64QAM	1	49	1	0	16.75	16.84	19.80	**24.66**	0.292
						50	0	50	0	16.29	17.01	19.68	24.54	0.284
	132373	1750.1	132472	1760.0	64QAM	1	49	1	0	16.59	16.26	19.44	24.30	0.269
						50	0	50	0	16.58	16.73	19.67	24.53	0.284
	132523	1765.1	132622	1775.0	64QAM	1	49	1	0	16.50	16.46	19.49	24.35	0.272
						50	0	50	0	16.67	16.51	19.60	24.46	0.279
10MHz+ 10MHz	132022	1715.0	132121	1724.9	256QAM	1	49	1	0	14.34	14.41	17.39	22.25	0.168
						50	0	50	0	14.24	14.97	17.63	22.49	0.177
	132373	1750.1	132472	1760.0	256QAM	1	49	1	0	14.55	14.56	17.57	22.43	0.175
						50	0	50	0	14.44	14.61	17.53	22.39	0.173
	132523	1765.1	132622	1775.0	256QAM	1	49	1	0	14.34	14.30	17.33	22.19	0.166
						50	0	50	0	14.70	14.55	17.64	**22.50**	0.178

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Part 27 / RSS 139_ EIRP Limit (W)	1
Antenna Gain	4.86

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

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+ 5MHz	132047	1717.5	132140	1726.8	QPSK	1	74	1	0	22.56	19.37	22.57	27.43	0.553
						75	0	25	0	17.72	17.73	20.52	25.38	0.345
	132398	1752.6	132491	1761.9	QPSK	1	74	1	0	22.40	19.22	22.40	27.26	0.532
						75	0	25	0	17.83	17.47	20.45	25.31	0.340
	132549	1767.7	132642	1777.0	QPSK	1	74	1	0	22.40	19.30	22.40	27.26	0.532
						75	0	25	0	18.01	17.40	20.53	25.39	0.346
15MHz+ 5MHz	132047	1717.5	132140	1726.8	16QAM	1	74	1	0	21.43	17.71	21.43	26.29	0.426
						75	0	25	0	16.92	17.01	19.77	24.63	0.290
	132398	1752.6	132491	1761.9	16QAM	1	74	1	0	21.29	18.08	21.29	26.15	0.412
						75	0	25	0	16.98	16.70	19.67	24.53	0.284
	132549	1767.7	132642	1777.0	16QAM	1	74	1	0	21.27	17.57	21.28	26.14	0.411
						75	0	25	0	17.20	16.55	19.69	24.55	0.285
15MHz+ 5MHz	132047	1717.5	132140	1726.8	64QAM	1	74	1	0	19.23	16.04	19.24	24.10	0.257
						75	0	25	0	16.88	16.86	19.66	24.52	0.283
	132398	1752.6	132491	1761.9	64QAM	1	74	1	0	19.45	16.23	19.46	24.32	0.270
						75	0	25	0	17.05	16.67	19.67	24.53	0.284
	132549	1767.7	132642	1777.0	64QAM	1	74	1	0	19.43	16.22	19.43	24.29	0.269
						75	0	25	0	17.21	16.51	19.68	24.54	0.284
15MHz+ 5MHz	132047	1717.5	132140	1726.8	256QAM	1	74	1	0	17.59	14.38	17.60	22.46	0.176
						75	0	25	0	15.26	15.25	18.05	22.91	0.195
	132398	1752.6	132491	1761.9	256QAM	1	74	1	0	17.37	14.17	17.37	22.23	0.167
						75	0	25	0	15.17	14.75	17.78	22.64	0.184
	132549	1767.7	132642	1777.0	256QAM	1	74	1	0	17.80	14.59	17.80	22.66	0.185
						75	0	25	0	15.26	14.61	17.76	22.62	0.183

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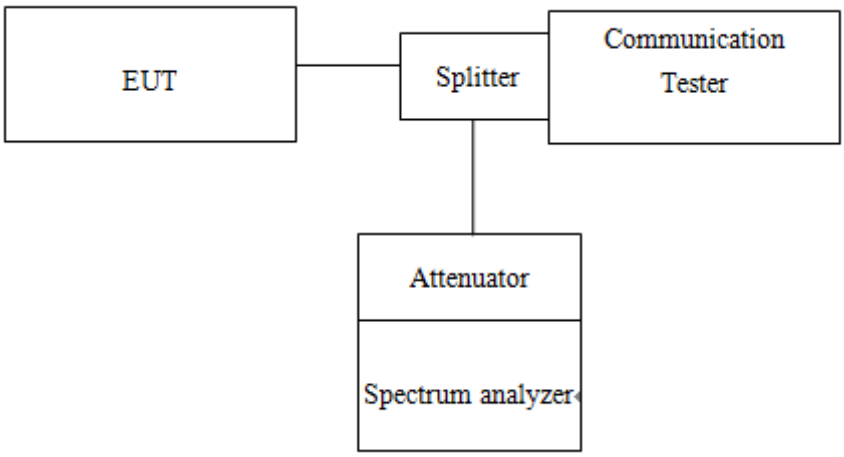
8 OCCUPIED BANDWIDTH MEASUREMENT

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	Freqency (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	22.939	22.897	22.958	22.877	24.12	24.11	24.23	24.07
LTE BAND 2C	20MHz + 5MHz	100/0 + 25/0	1880.0	22.885	22.901	22.847	22.857	24.13	24.05	24.03	24.09
LTE BAND 2C	10MHz + 15MHz	50/0 + 75/0	1880.0	23.21	23.140	23.13	23.092	24.71	24.7	24.57	24.57
LTE BAND 2C	15MHz + 10MHz	75/0 + 50/0	1880.0	23.141	23.107	23.098	23.119	24.65	24.47	24.55	24.65
LTE BAND 2C	10MHz + 20MHz	50/0 + 100/0	1880.0	27.784	27.751	27.775	27.749	29.4	29.41	29.42	29.36
LTE BAND 2C	20MHz + 10MHz	100/0 + 50/0	1880.0	27.775	27.762	27.771	27.755	29.38	29.26	29.32	29.26
LTE BAND 2C	15MHz + 15MHz	75/0 + 75/0	1880.0	28.372	28.356	28.344	28.335	30.06	30.03	29.97	29.98
LTE BAND 2C	15MHz + 20MHz	75/0 + 100/0	1880.0	32.666	32.604	32.649	32.672	34.6	34.46	34.6	34.65
LTE BAND 2C	20MHz + 15MHz	100/0 + 75/0	1880.0	32.682	32.688	32.605	32.629	34.67	34.5	34.88	34.37
LTE BAND 2C	20MHz + 20MHz	100/0 + 100/0	1880.0	37.65	37.681	37.585	37.616	40.34	39.7	39.85	39.67

LTE BAND 7C

Band	Bandwidth	RB Allocation/RB Offset	Freqency (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	27.807	27.776	27.754	27.718	29.48	29.4	29.36	29.32
LTE BAND 7C	20MHz + 10MHz	100/0 + 50/0	2535.0	27.78	27.746	27.688	27.694	29.32	29.3	29.34	29.32
LTE BAND 7C	15MHz + 15MHz	75/0 + 75/0	2535.0	28.341	28.345	28.311	28.309	30.06	30.05	30.13	30.05
LTE BAND 7C	15MHz + 20MHz	75/0 + 100/0	2535.0	32.612	32.621	32.64	32.605	34.64	34.52	34.46	34.47
LTE BAND 7C	20MHz + 15MHz	100/0 + 75/0	2535.0	32.658	32.648	32.648	32.592	34.51	34.4	34.6	34.55
LTE BAND 7C	20MHz + 20MHz	100/0 + 100/0	2535.0	37.542	37.543	37.54	37.525	39.77	39.64	39.72	39.66

LTE BAND 38C

Band	Bandwidth	RB Allocation/RB Offset	Freqency (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	28.379	28.395	28.315	28.342	33.07	32.42	32.89	30.97
LTE BAND 38C	20MHz + 20MHz	100/0 + 100/0	2595.0	37.652	37.614	37.55	37.625	44.37	40.8	41.48	40.85

LTE BAND 41C

Band	Bandwidth	RB Allocation/RB Offset	Freqency (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	22.907	22.859	22.882	22.885	24.81	25.03	24.89	25
LTE BAND 41C	20MHz + 5MHz	100/0 + 25/0	2593.0	22.916	22.862	22.895	22.91	24.69	24.44	24.83	25.84
LTE BAND 41C	10MHz + 20MHz	50/0 + 100/0	2593.0	27.763	27.738	27.763	27.725	31.51	31.07	30.69	29.33
LTE BAND 41C	20MHz + 10MHz	100/0 + 50/0	2593.0	27.785	27.789	27.727	27.776	29.46	30.23	29.48	29.3
LTE BAND 41C	15MHz + 15MHz	75/0 + 75/0	2593.0	28.372	28.401	28.292	28.376	34.14	33.99	31.73	31.15
LTE BAND 41C	15MHz + 20MHz	75/0 + 100/0	2593.0	32.698	32.633	32.612	32.669	35.02	35.48	34.56	34.72
LTE BAND 41C	20MHz + 15MHz	100/0 + 75/0	2593.0	32.674	32.682	32.615	32.68	35.04	36.23	34.96	37.14
LTE BAND 41C	20MHz + 20MHz	100/0 + 100/0	2593.0	37.602	37.679	37.505	37.645	42.92	42.26	42.19	40.46

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LTE BAND 66C

Band	Bandwidth	RB Allocation/RB Offset	Freqency (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	22.926	22.874	22.924	22.889	24.11	24.06	24.12	24.1
LTE BAND 66C	20MHz + 5MHz	100/0 + 25/0	1745.0	22.92	22.880	22.899	22.913	24.12	24.05	24.13	24.09
LTE BAND 66C	10MHz + 15MHz	50/0 + 75/0	1745.0	23.226	23.138	23.164	23.139	24.62	24.55	24.61	24.59
LTE BAND 66C	15MHz + 10MHz	75/0 + 50/0	1745.0	23.167	23.148	23.136	23.139	24.57	24.54	24.45	24.55
LTE BAND 66C	10MHz + 20MHz	50/0 + 100/0	1745.0	27.795	27.783	27.786	27.764	29.36	29.39	29.45	29.38
LTE BAND 66C	20MHz + 10MHz	100/0 + 50/0	1745.0	27.816	27.821	27.761	27.815	29.41	29.27	29.47	29.4
LTE BAND 66C	15MHz + 15MHz	75/0 + 75/0	1745.0	28.426	28.385	28.395	28.397	30.08	30.12	30.13	30.17
LTE BAND 66C	15MHz + 20MHz	75/0 + 100/0	1745.0	32.71	32.711	32.695	32.728	34.65	34.61	34.6	34.47
LTE BAND 66C	20MHz + 15MHz	100/0 + 75/0	1745.0	32.713	32.744	32.647	32.669	34.64	34.47	34.6	34.5
LTE BAND 66C	20MHz + 20MHz	100/0 + 100/0	1745.0	37.688	37.662	37.615	37.651	39.9	39.73	39.84	39.84

LTE BAND 66B

Band	Bandwidth	RB Allocation/RB Offset	Freqency (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	9.2242	9.2263	9.2376	9.2333	9.865	9.772	9.804	9.828
LTE BAND 66B	5MHz + 10MHz	25/0 + 50/0	1745.0	13.898	13.835	13.861	13.824	14.59	14.59	14.61	14.56
LTE BAND 66B	10MHz + 5MHz	50/0 + 25/0	1745.0	13.907	13.851	13.861	13.839	14.6	14.59	14.59	14.62
LTE BAND 66B	5MHz + 15MHz	25/0 + 75/0	1745.0	18.202	18.213	18.234	18.189	19.1	19.08	19.18	19.11
LTE BAND 66B	15MHz + 5MHz	75/0 + 25/0	1745.0	18.204	18.190	18.181	18.203	19.14	19.07	19.06	19.22
LTE BAND 66B	10MHz + 10MHz	50/0 + 50/0	1745.0	18.810	18.734	18.765	18.749	19.81	19.78	19.83	19.74

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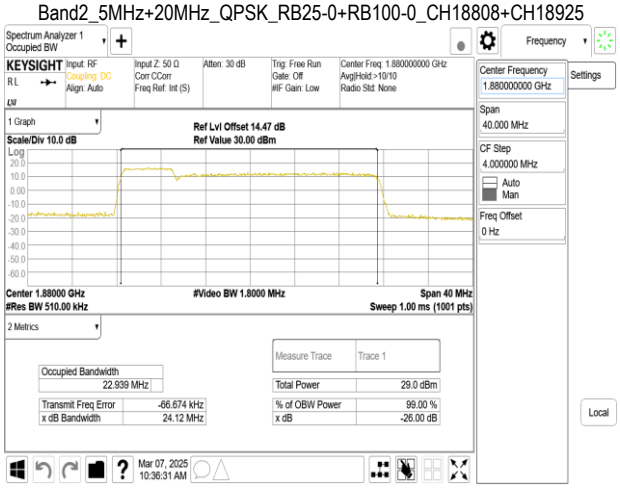
Band2_5MHz+20MHz_QPSK_RB25-0+RB100-0_CH18808+CH18925



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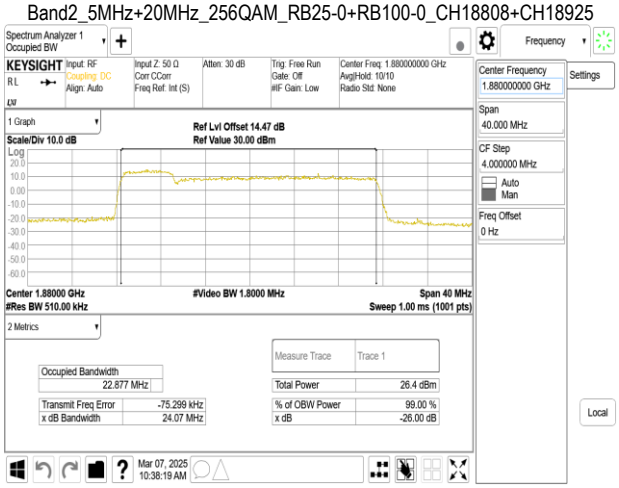
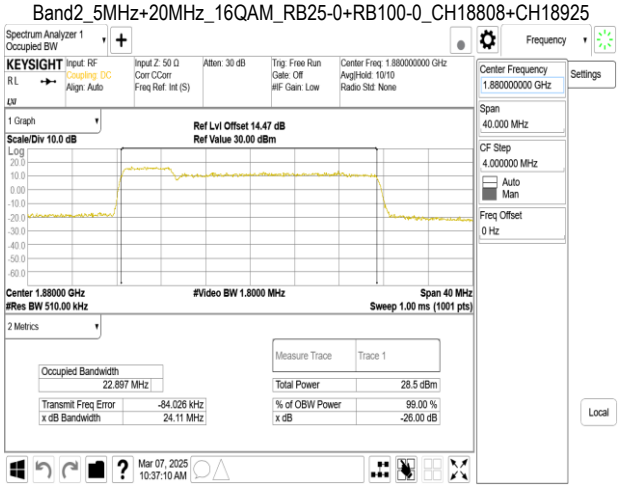
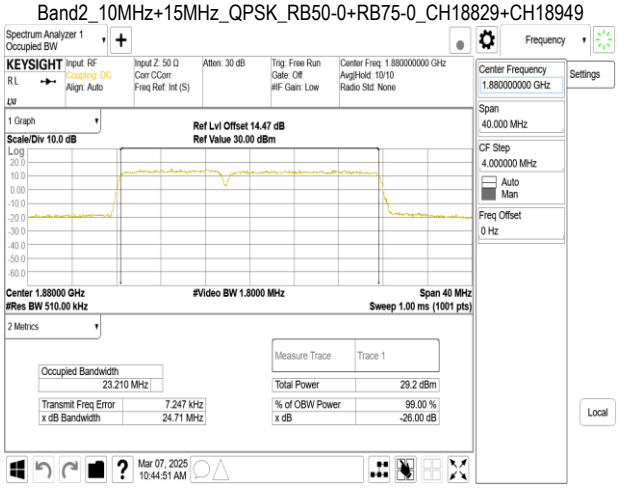


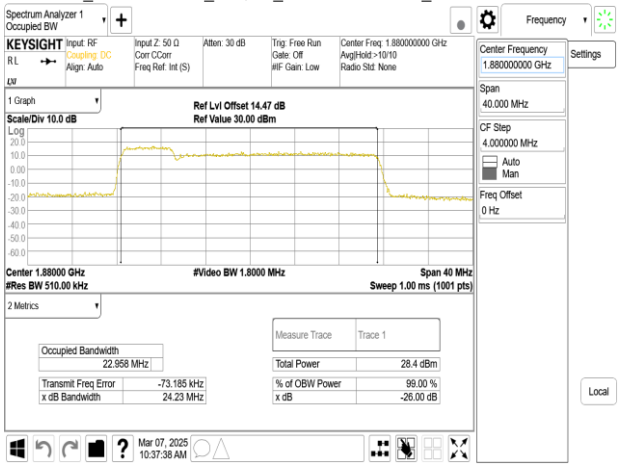
Band2_5MHz+20MHz_16QAM_RB25-0+RB100-0_CH18808+CH18925



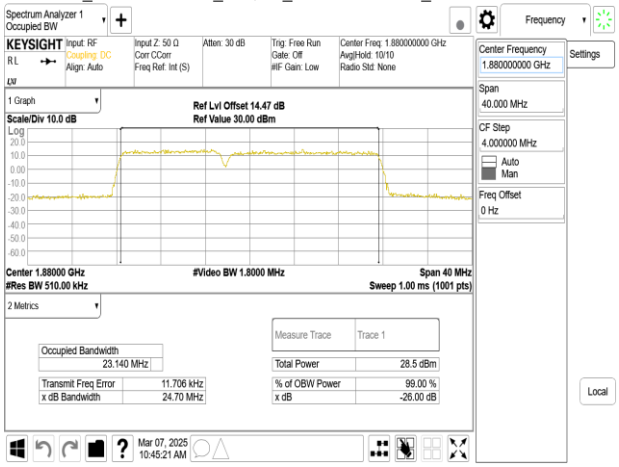
Band2_10MHz+15MHz_QPSK_RB50-0+RB75-0_CH18829+CH18949



Band2_5MHz+20MHz_64QAM_RB25-0+RB100-0_CH18808+CH18925



Band2_10MHz+15MHz_16QAM_RB50-0+RB75-0_CH18829+CH18949



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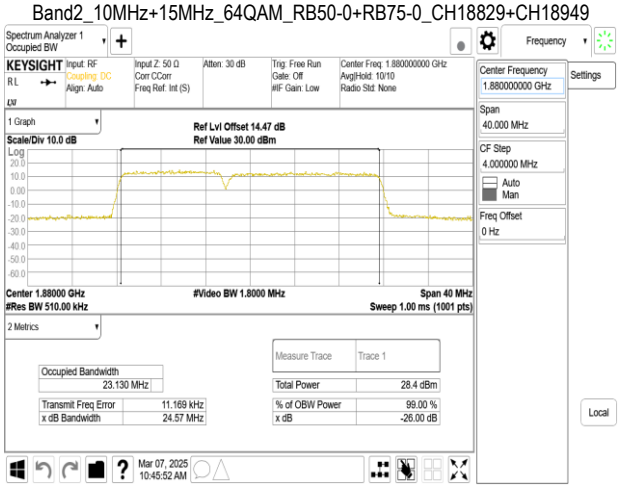
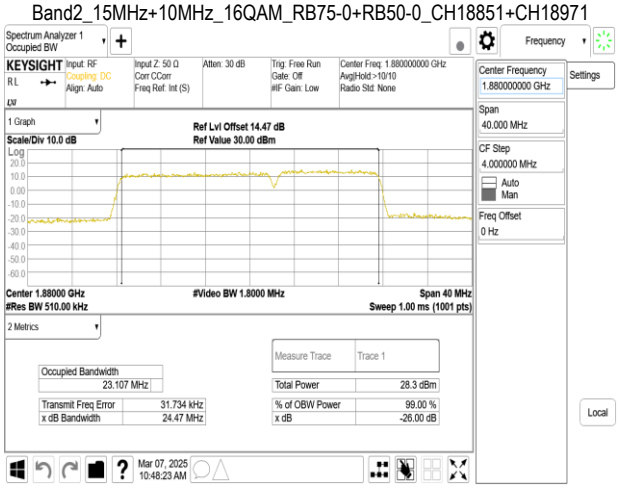
Band2_10MHz+15MHz_64QAM_RB50-0+RB75-0_CH18829+CH18949



Band2_15MHz+10MHz_16QAM_RB75-0+RB50-0_CH18851+CH18971



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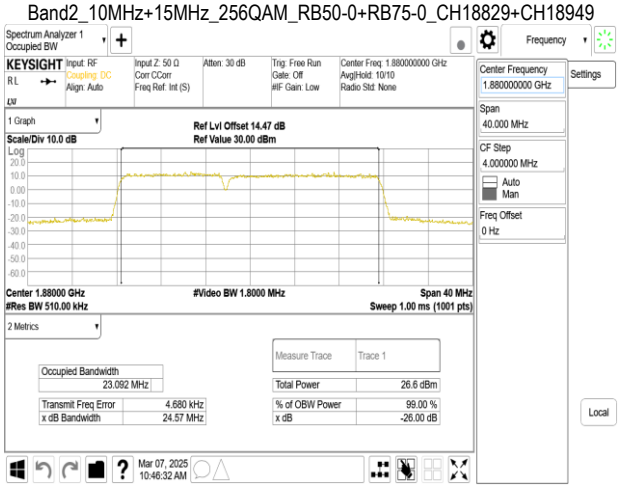
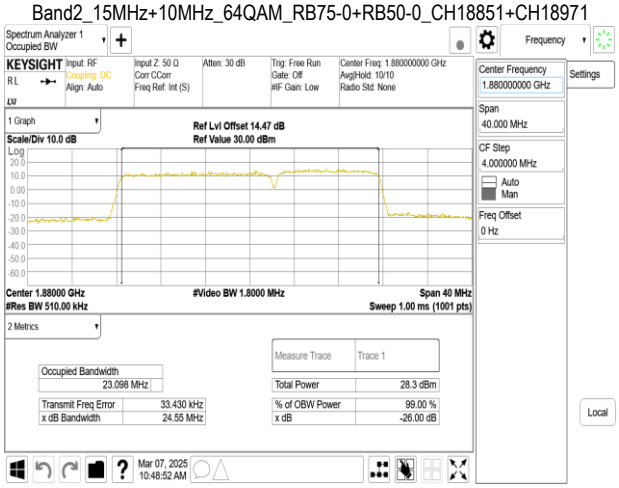
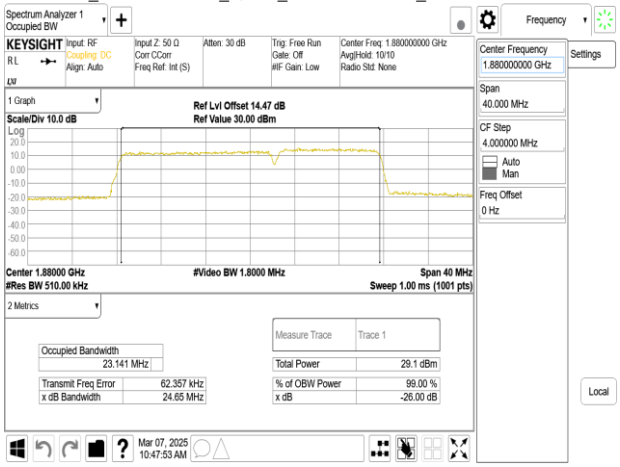


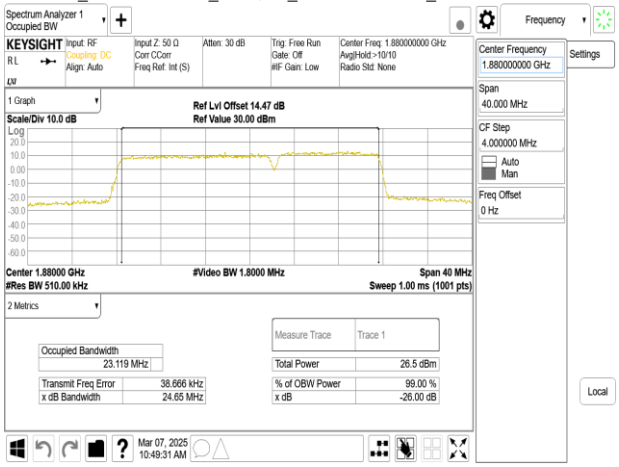
Band2_15MHz+10MHz_64QAM_RB75-0+RB50-0_CH18851+CH18971



Band2_15MHz+10MHz_QPSK_RB75-0+RB50-0_CH18851+CH18971



Band2_15MHz+10MHz_256QAM_RB75-0+RB50-0_CH18851+CH18971



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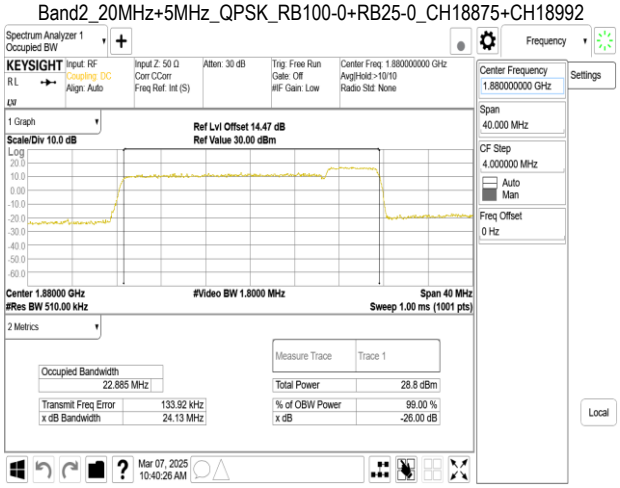
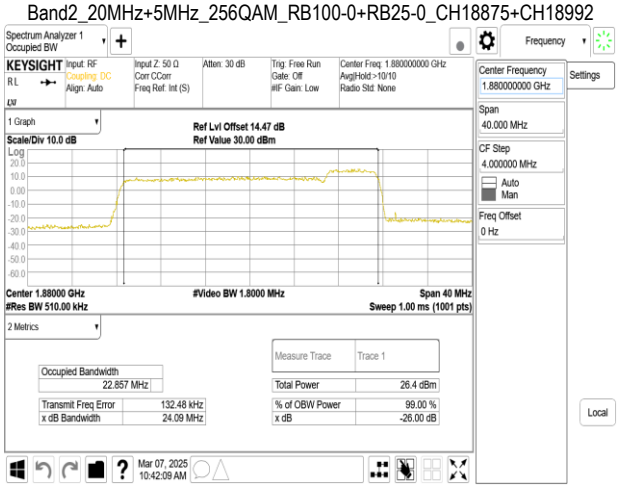
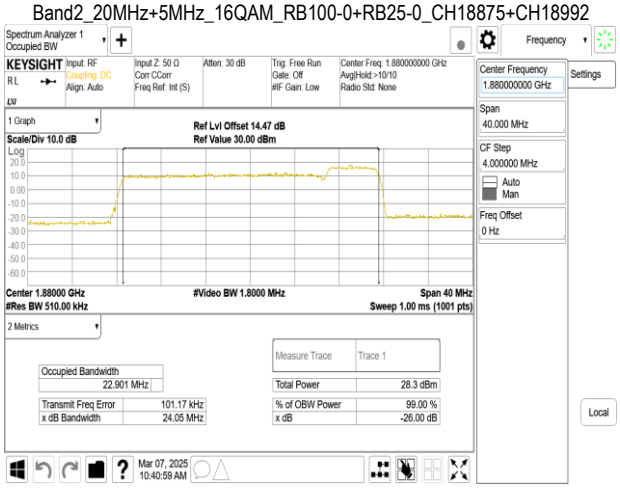
Band2_20MHz+5MHz_QPSK_RB100-0+RB25-0_CH18875+CH18992



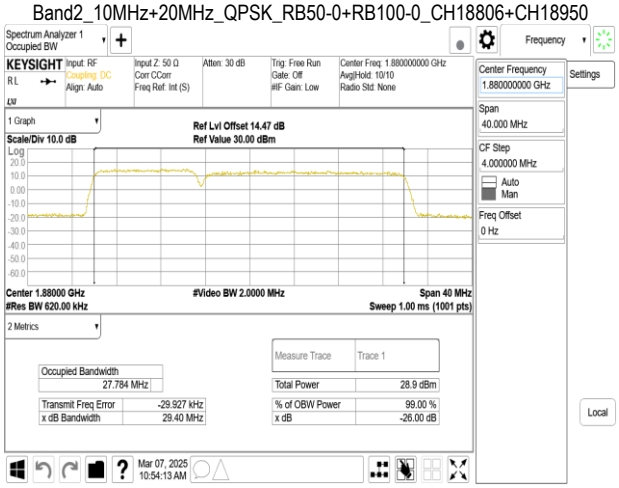
Band2_20MHz+5MHz_256QAM_RB100-0+RB25-0_CH18875+CH18992



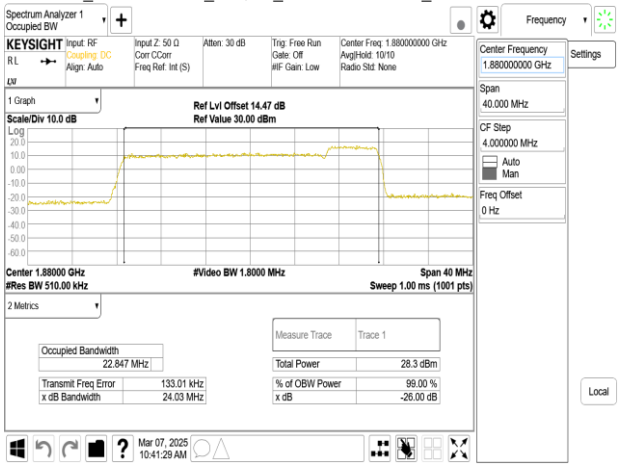
Band2_20MHz+5MHz_16QAM_RB100-0+RB25-0_CH18875+CH18992



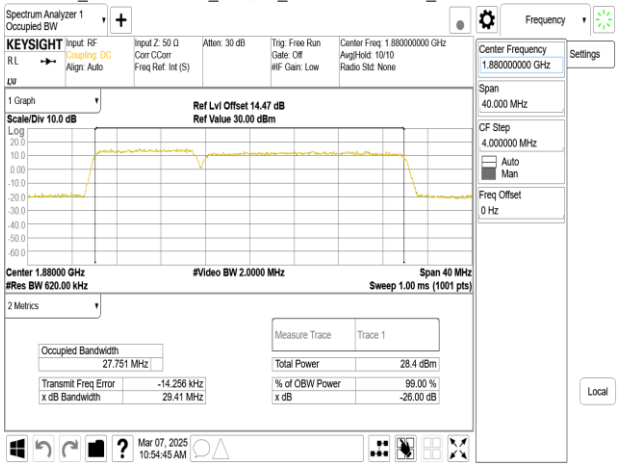
Band2_10MHz+20MHz_QPSK_RB50-0+RB100-0_CH18806+CH18950



Band2_20MHz+5MHz_64QAM_RB100-0+RB25-0_CH18875+CH18992



Band2_10MHz+20MHz_16QAM_RB50-0+RB100-0_CH18806+CH18950



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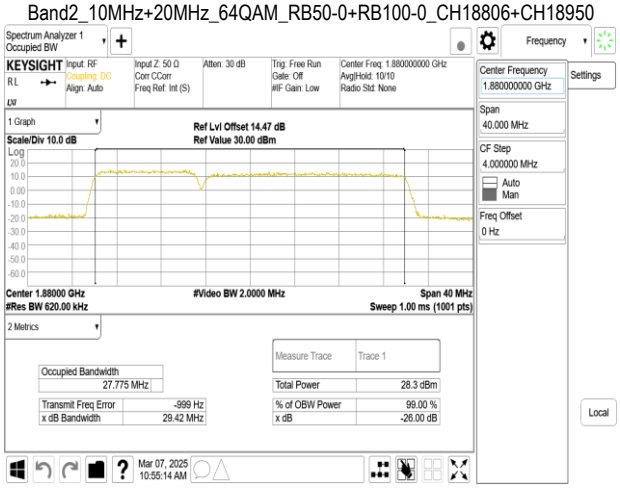
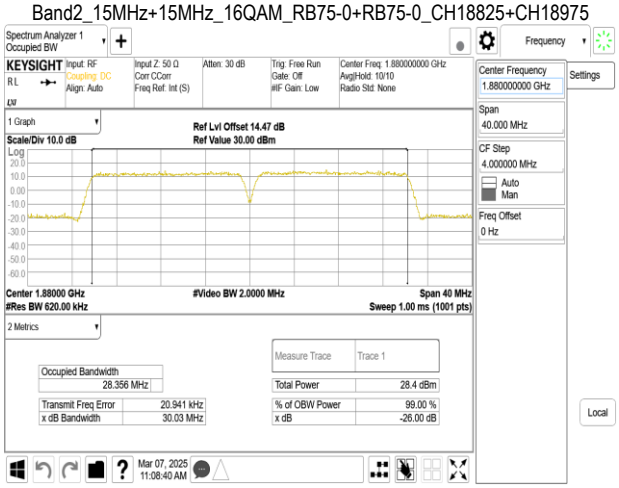
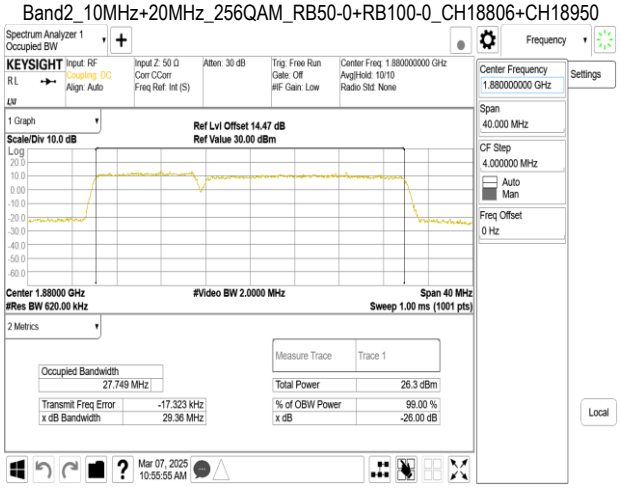
Band2_10MHz+20MHz_64QAM_RB50-0+RB100-0_CH18806+CH18950



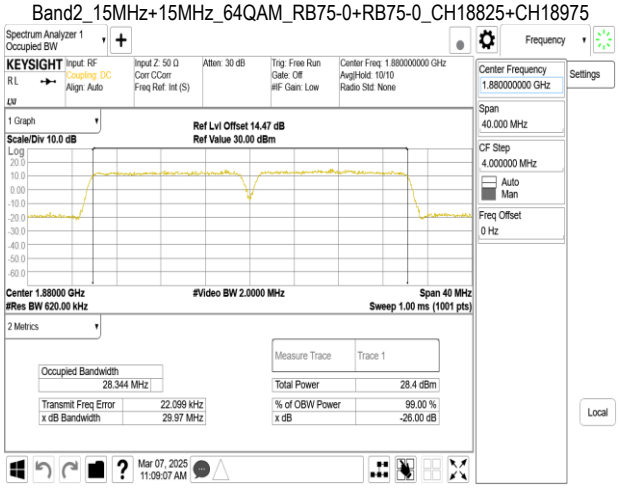
Band2_15MHz+15MHz_16QAM_RB75-0+RB75-0_CH18825+CH18975



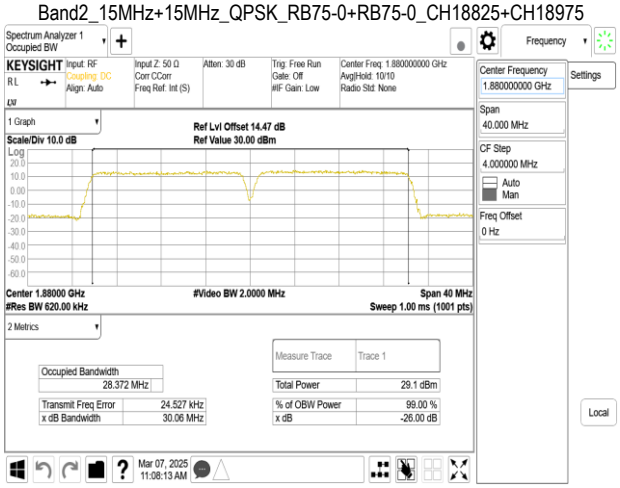
Band2_10MHz+20MHz_256QAM_RB50-0+RB100-0_CH18806+CH18950



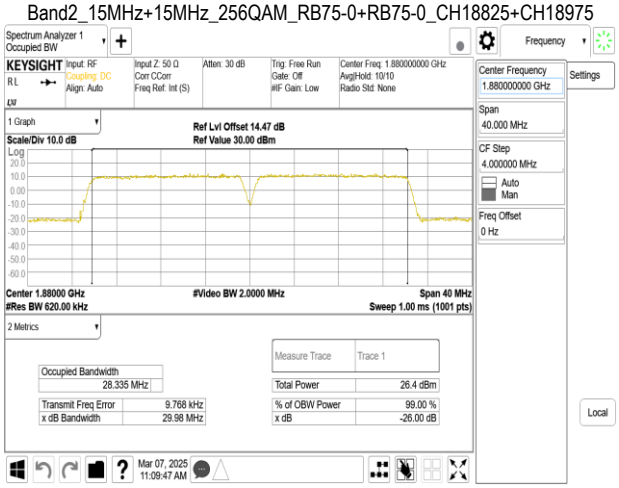
Band2_15MHz+15MHz_64QAM_RB75-0+RB75-0_CH18825+CH18975



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



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



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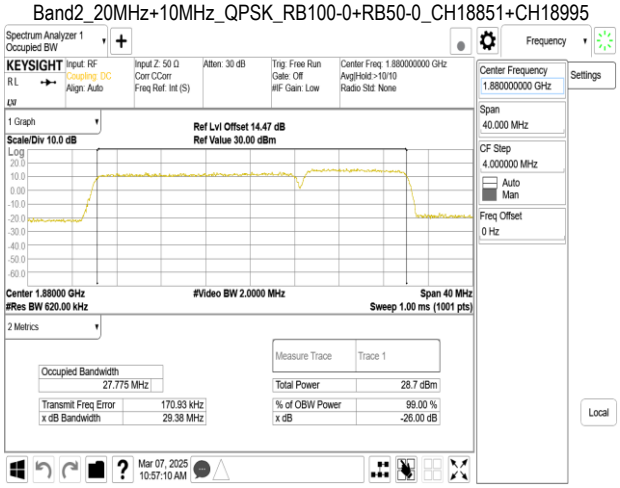
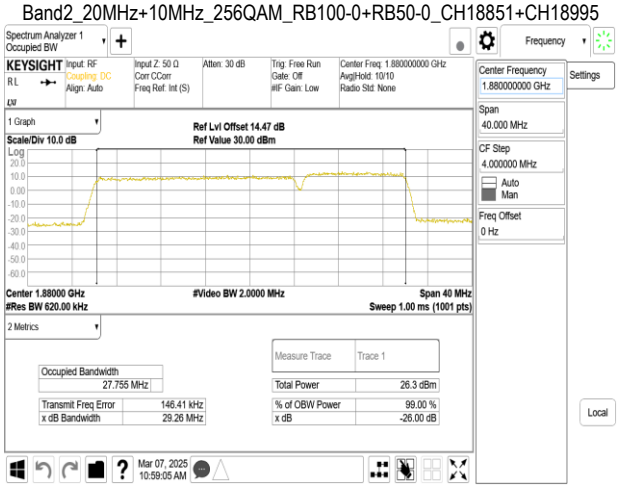
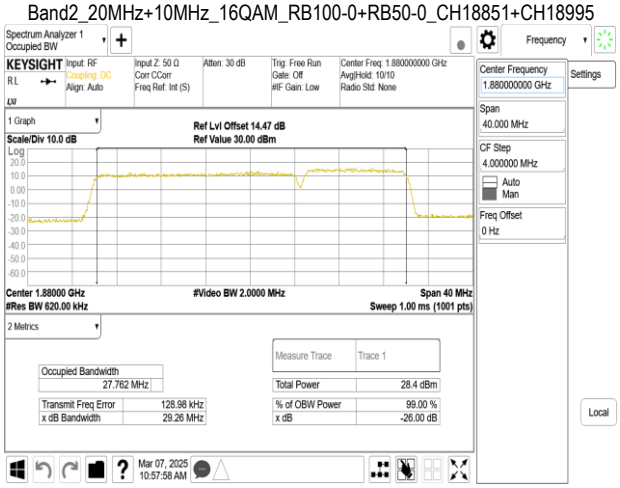
Band2_20MHz+10MHz_QPSK_RB100-0+RB50-0_CH18851+CH18995



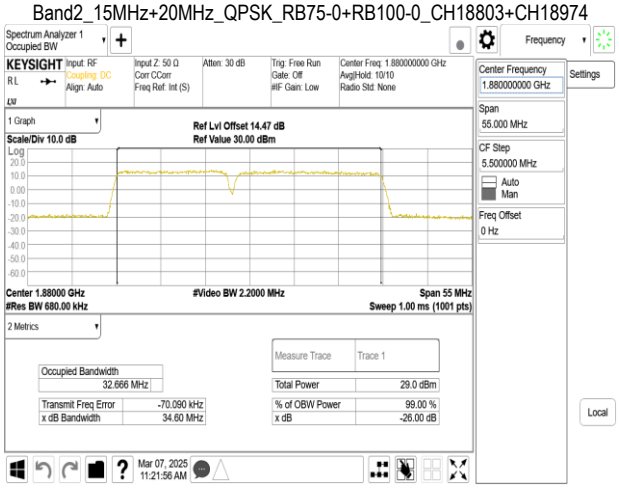
Band2_20MHz+10MHz_256QAM_RB100-0+RB50-0_CH18851+CH18995



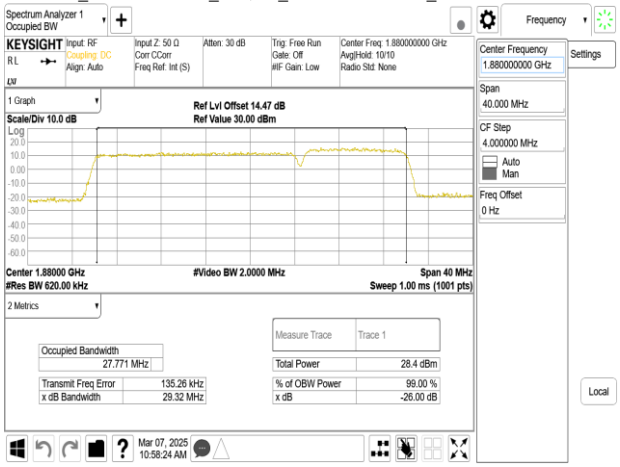
Band2_20MHz+10MHz_16QAM_RB100-0+RB50-0_CH18851+CH18995



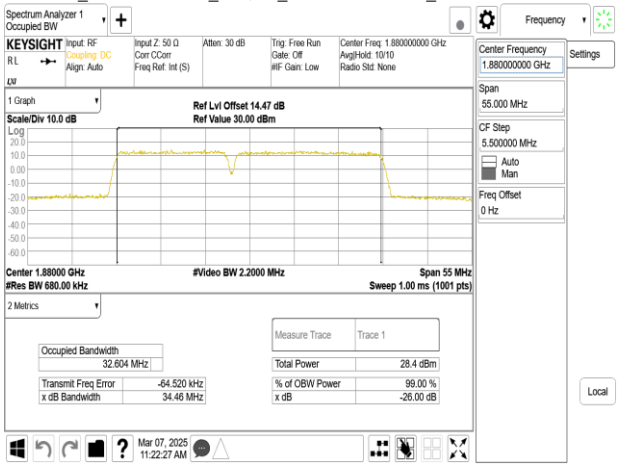
Band2_15MHz+20MHz_QPSK_RB75-0+RB100-0_CH18803+CH18974



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



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



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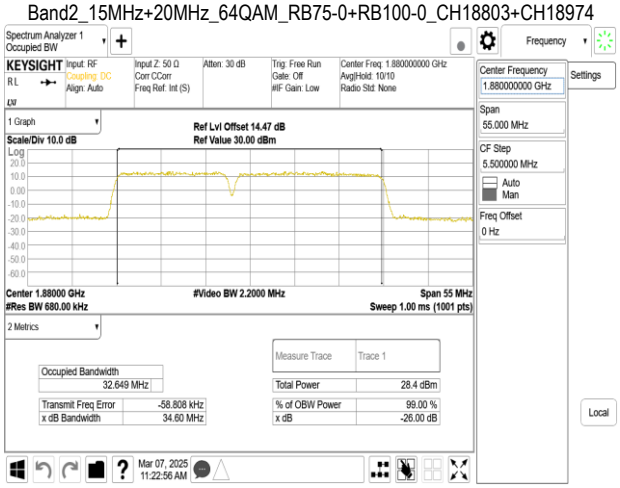
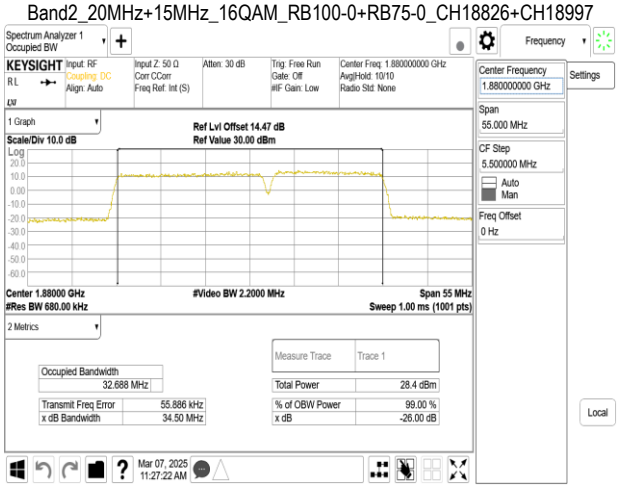
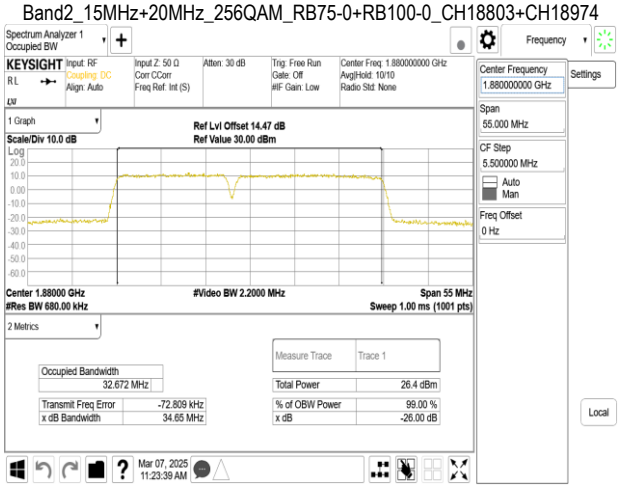
Band2_15MHz+20MHz_64QAM_RB75-0+RB100-0_CH18803+CH18974



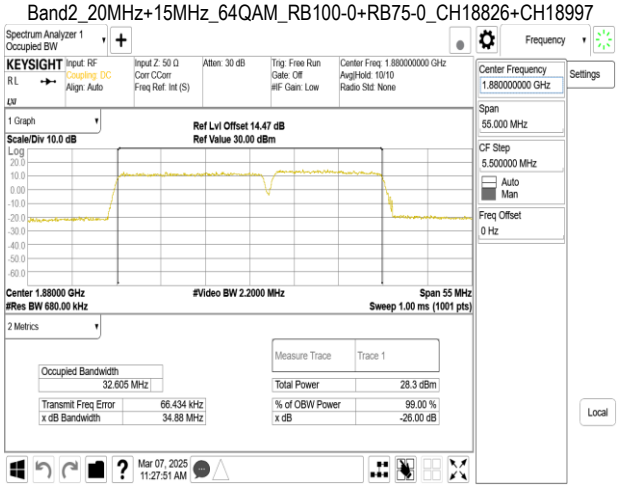
Band2_20MHz+15MHz_16QAM_RB100-0+RB75-0_CH18826+CH18997



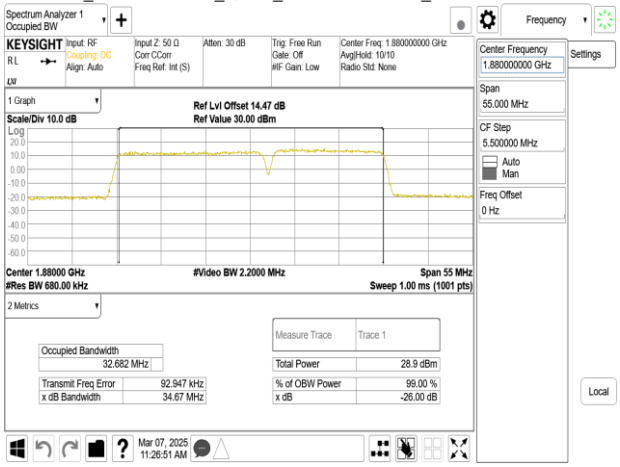
Band2_15MHz+20MHz_256QAM_RB75-0+RB100-0_CH18803+CH18974



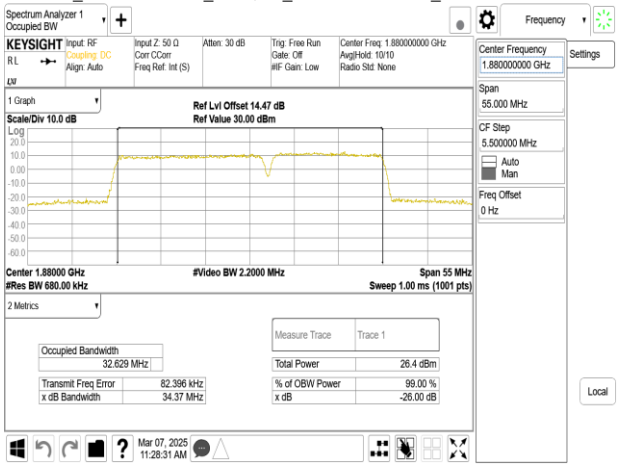
Band2_20MHz+15MHz_64QAM_RB100-0+RB75-0_CH18826+CH18997



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



Band2_20MHz+15MHz_256QAM_RB100-0+RB75-0_CH18826+CH18997



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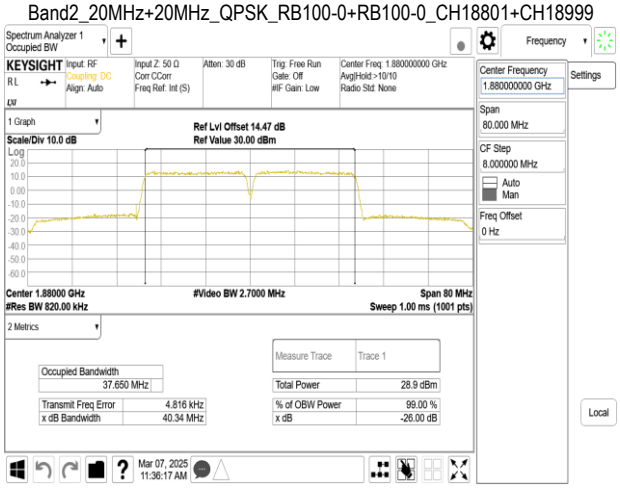
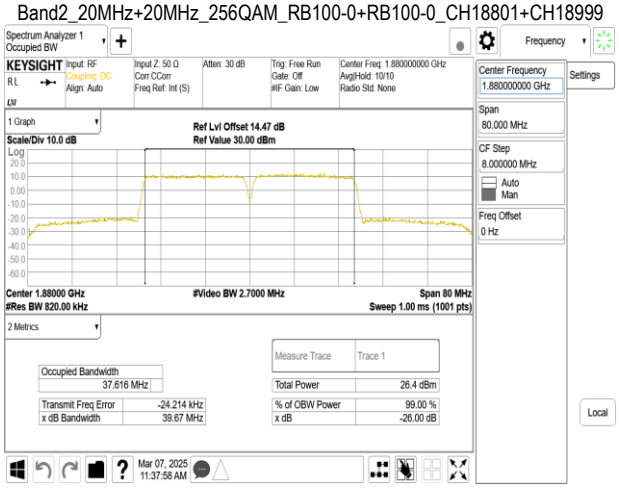
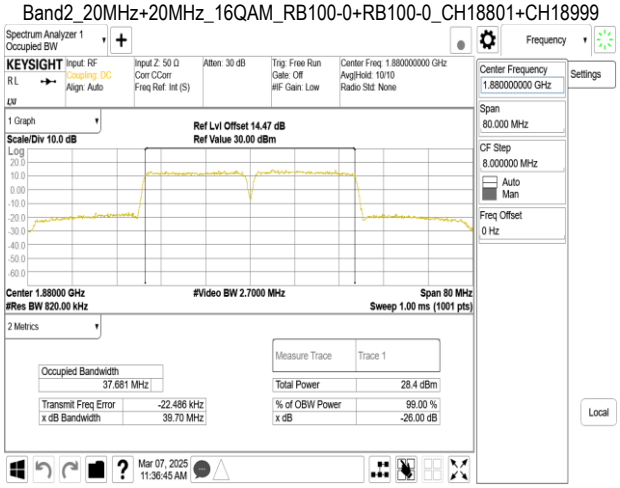
Band2_20MHz+20MHz_QPSK_RB100-0+RB100-0_CH18801+CH18999



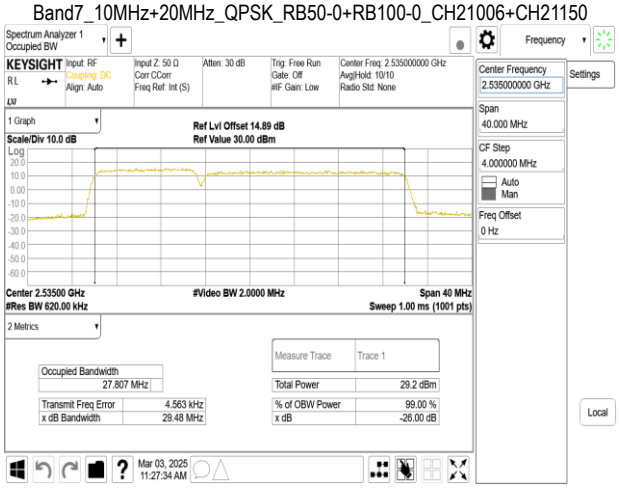
Band2_20MHz+20MHz_256QAM_RB100-0+RB100-0_CH18801+CH18999



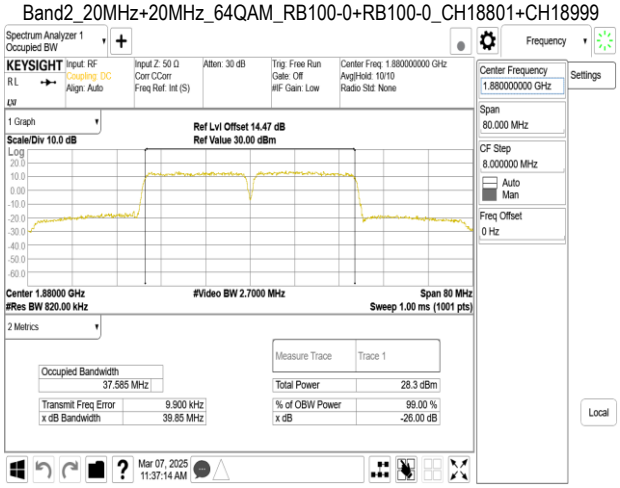
Band2_20MHz+20MHz_16QAM_RB100-0+RB100-0_CH18801+CH18999



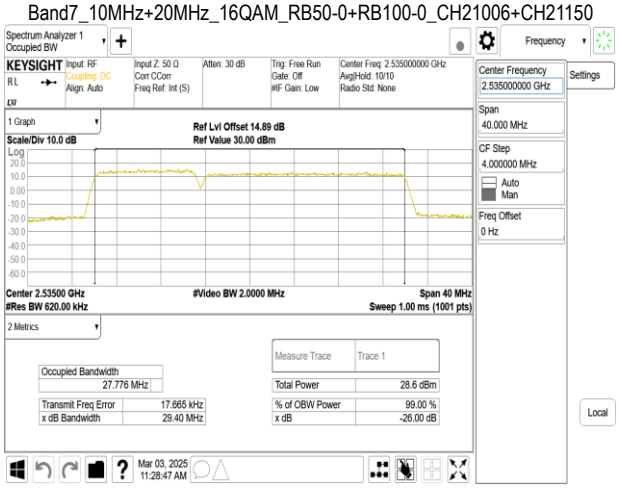
Band7_10MHz+20MHz_QPSK_RB50-0+RB100-0_CH21006+CH21150



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



Band7_10MHz+20MHz_16QAM_RB50-0+RB100-0_CH21006+CH21150



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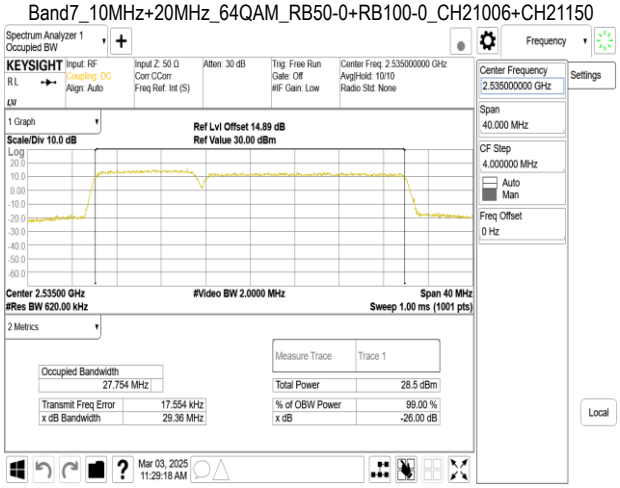
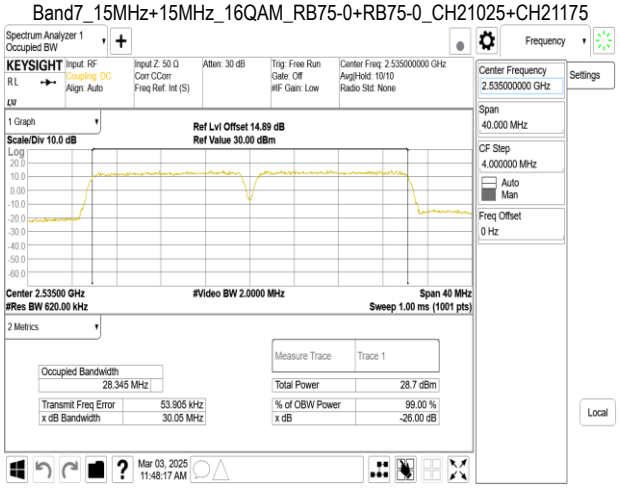
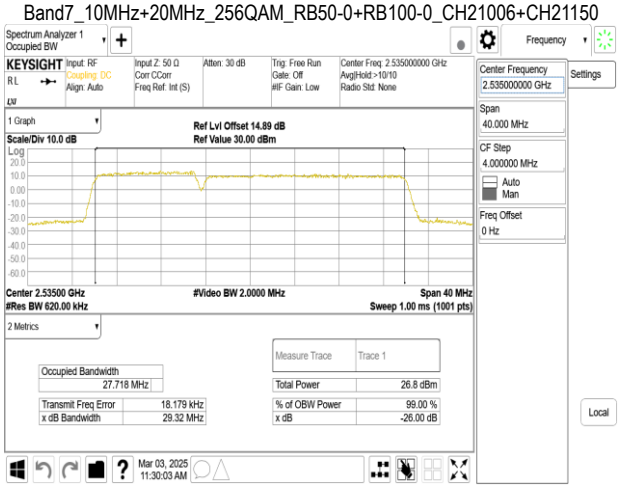
Band7_10MHz+20MHz_64QAM_RB50-0+RB100-0_CH21006+CH21150



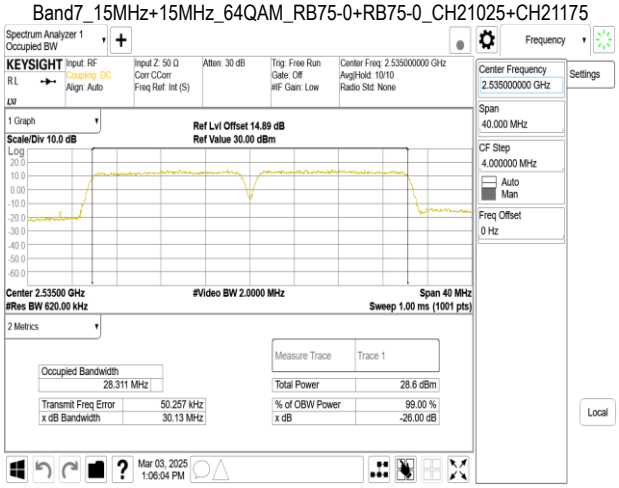
Band7_15MHz+15MHz_16QAM_RB75-0+RB75-0_CH21025+CH21175



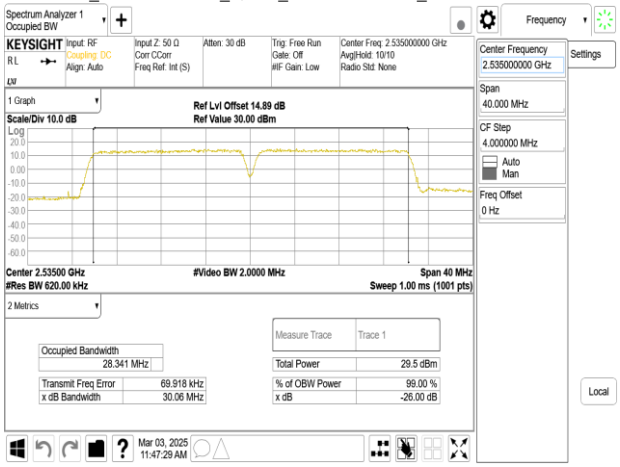
Band7_10MHz+20MHz_256QAM_RB50-0+RB100-0_CH21006+CH21150



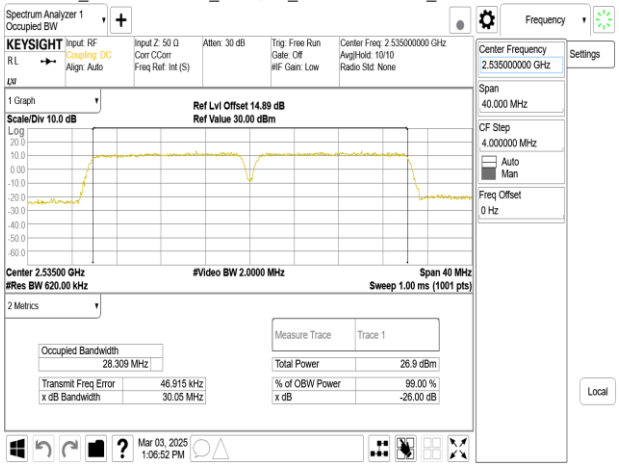
Band7_15MHz+15MHz_64QAM_RB75-0+RB75-0_CH21025+CH21175



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



Band7_15MHz+15MHz_256QAM_RB75-0+RB75-0_CH21025+CH21175



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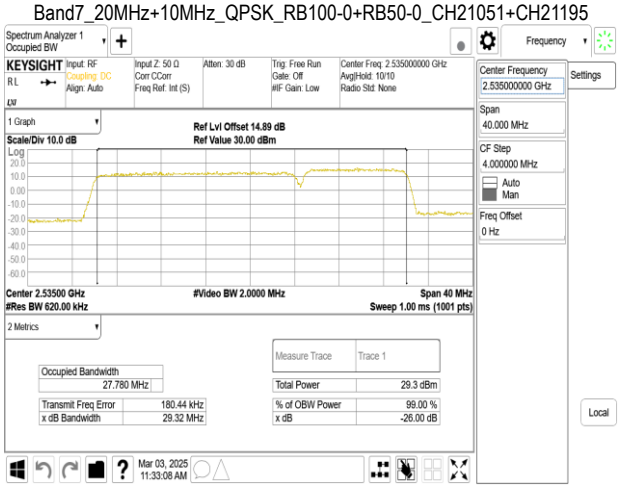
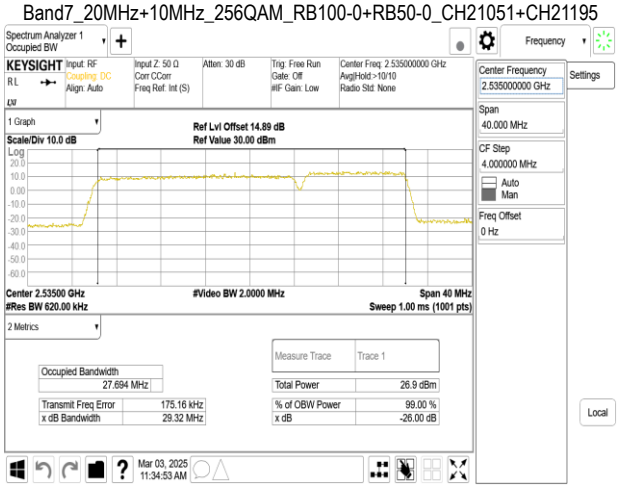
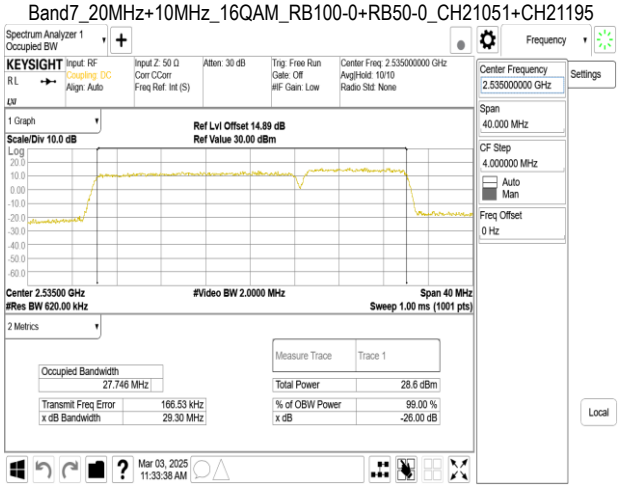
Band7_20MHz+10MHz_QPSK_RB100-0+RB50-0_CH21051+CH21195



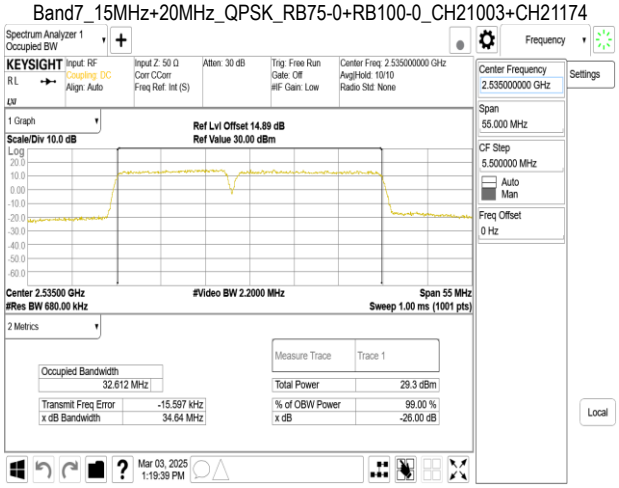
Band7_20MHz+10MHz_256QAM_RB100-0+RB50-0_CH21051+CH21195



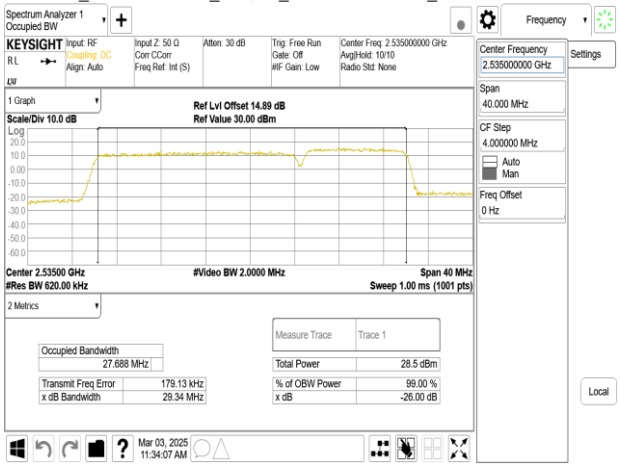
Band7_20MHz+10MHz_16QAM_RB100-0+RB50-0_CH21051+CH21195



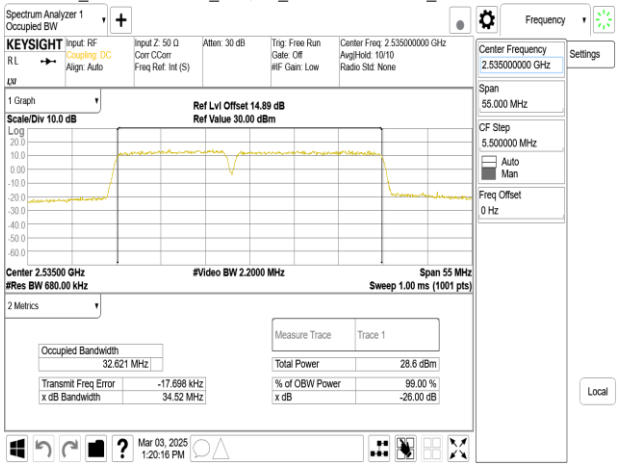
Band7_15MHz+20MHz_QPSK_RB75-0+RB100-0_CH21003+CH21174



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



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



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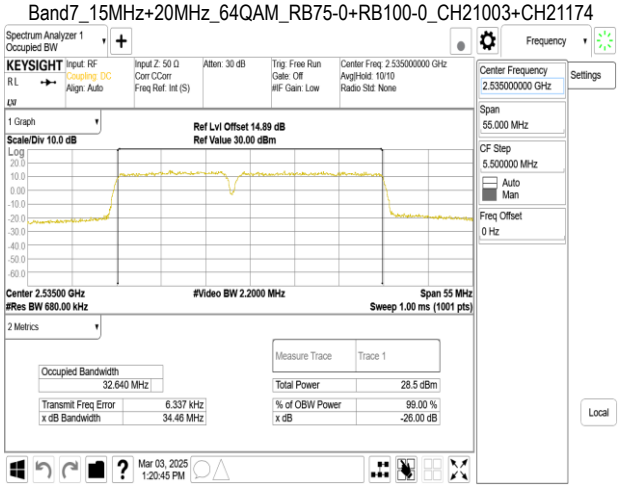
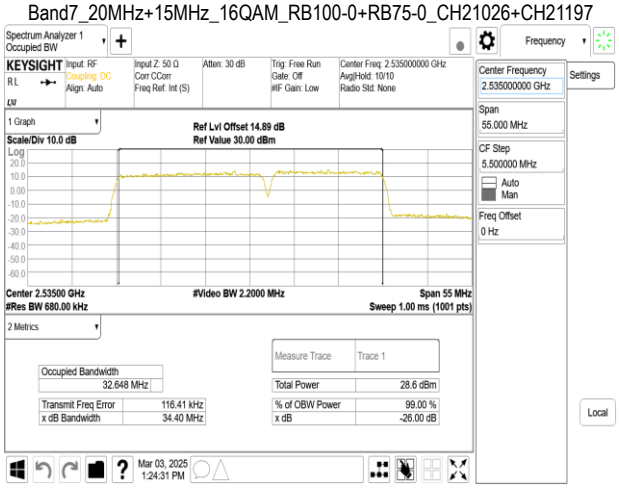
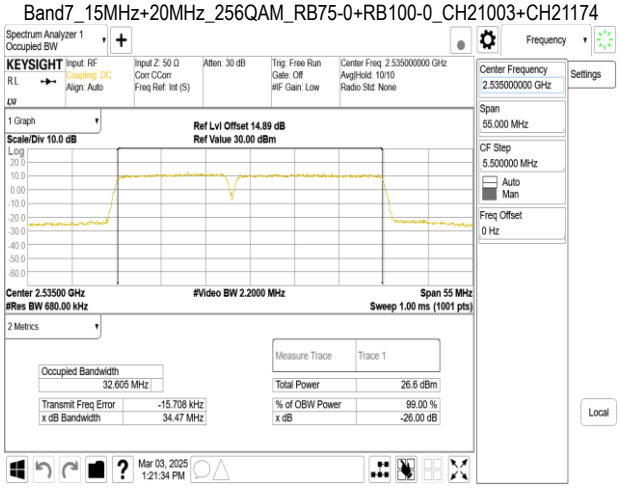
Band7_15MHz+20MHz_64QAM_RB75-0+RB100-0_CH21003+CH21174



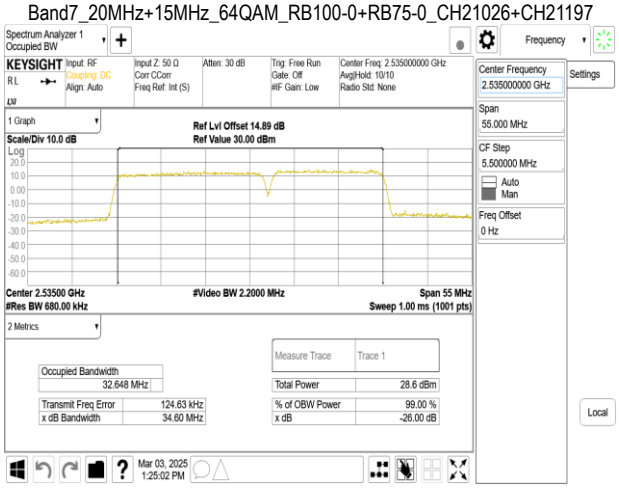
Band7_20MHz+15MHz_16QAM_RB100-0+RB75-0_CH21026+CH21197



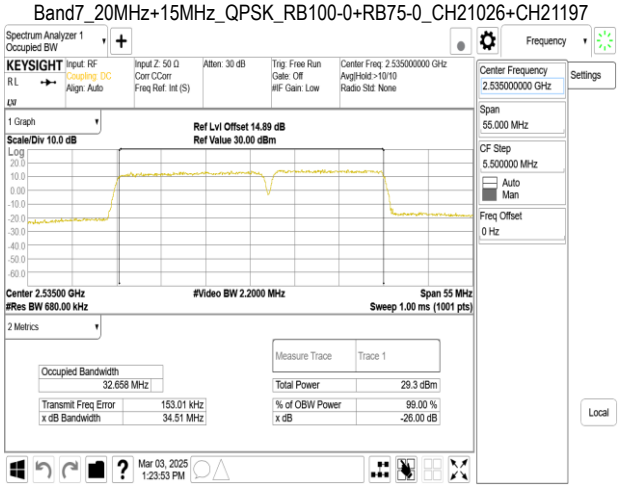
Band7_15MHz+20MHz_256QAM_RB75-0+RB100-0_CH21003+CH21174



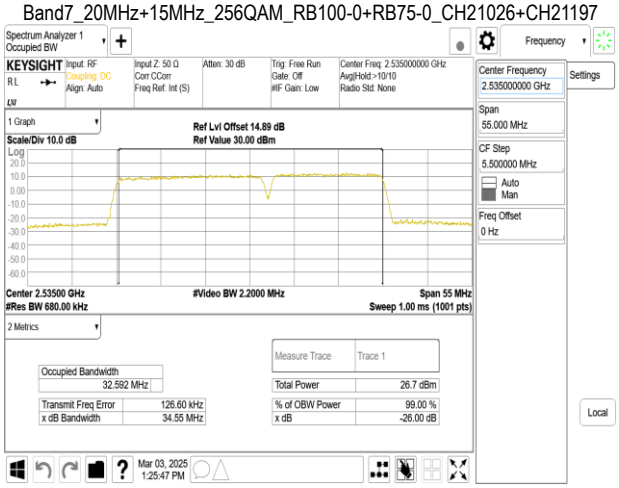
Band7_20MHz+15MHz_64QAM_RB100-0+RB75-0_CH21026+CH21197



Band7_20MHz+15MHz_QPSK_RB100-0+RB75-0_CH21026+CH21197



Band7_20MHz+15MHz_256QAM_RB100-0+RB75-0_CH21026+CH21197



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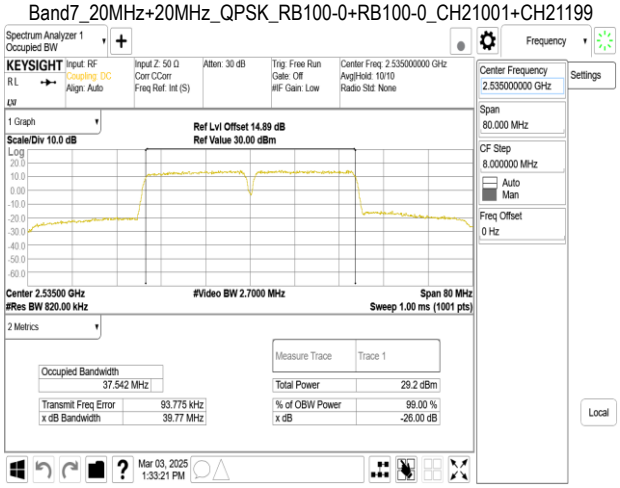
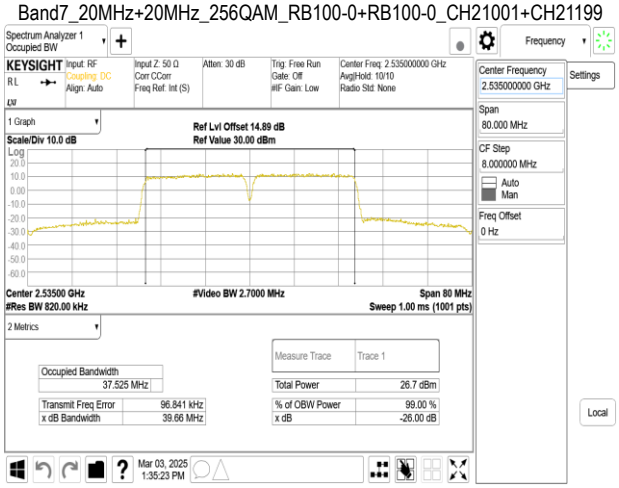
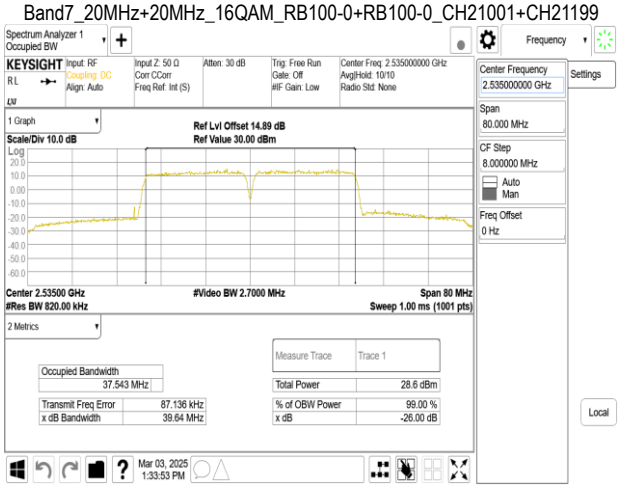
Band7_20MHz+20MHz_QPSK_RB100-0+RB100-0_CH21001+CH21199



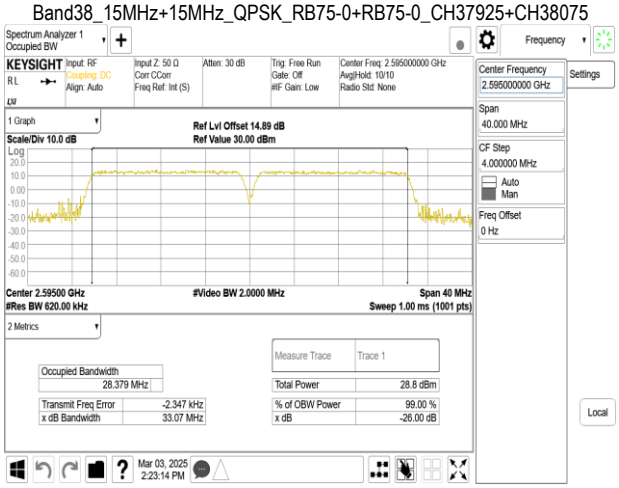
Band7_20MHz+20MHz_256QAM_RB100-0+RB100-0_CH21001+CH21199



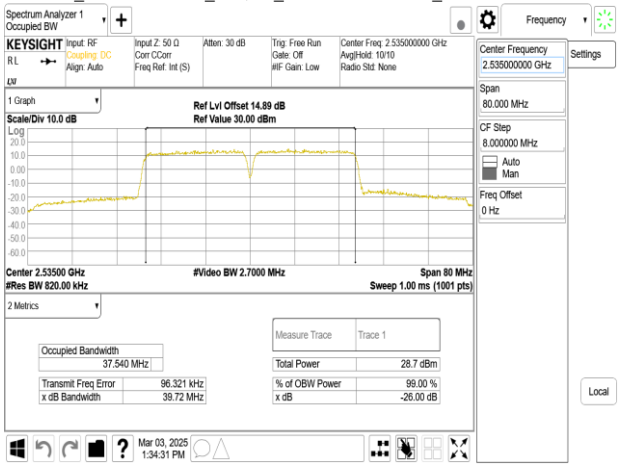
Band7_20MHz+20MHz_16QAM_RB100-0+RB100-0_CH21001+CH21199



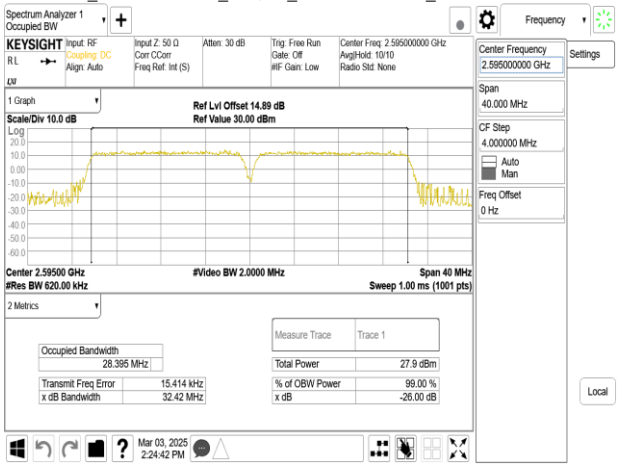
Band38_15MHz+15MHz_QPSK_RB75-0+RB75-0_CH37925+CH38075



Band7_20MHz+20MHz_64QAM_RB100-0+RB100-0_CH21001+CH21199



Band38_15MHz+15MHz_16QAM_RB75-0+RB75-0_CH37925+CH38075



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