

**ELECTROMAGNETIC EMISSIONS
COMPLIANCE REPORT**

Applicant: ASUSTeK COMPUTER INC.
1F., No.15, Lide Rd., Beitou District, Taipei City 112, Taiwan

Manufacturer: ASUSTeK COMPUTER INC.
1F., No.15, Lide Rd., Beitou District, Taipei City 112, Taiwan

Product Name: ASUS Phone (Mobile Phone)

Brand Name: ASUS

Model No.: ASUS_AI2302

Report Number: TERF2305001078ER

FCC ID MSQA12302

Issue Date: July 26, 2023

Date of Test: May 03, 2023 ~ July 11, 2023

Date of EUT Received: April 24, 2023

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 C63.26-2015 and the energy emitted by the sample EUT comply with FCC rule part 2 , 22H & 24E & 27 C.

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

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
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Revision History

Report Number	Revision	Description	Issue Date	Revised By	Remark
TERF2305001078ER	00	Original.	July 17, 2023	Tiffany Kao	
TERF2305001078ER	01	Revised section 1.2 & 4.1.	July 26, 2023	Tiffany Kao	*

Note:

- 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:	ASUS Phone (Mobile Phone)
Brand Name:	ASUS
Model No.:	ASUS_AI2302
Hardware Version:	N/A
Firmware Version:	WW_33.0204.0204.67
EUT Series No.:	HB34PBC007XW1RTJ000WS
Power Supply:	3.89 Vdc from Battery or 5 / 9 / 12 / 15 / 20 Vdc from AC Adapter
Test Software (Name/Version)	Default

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1.2 Operation Frequency Range

NR Band 2	
BW (MHz)	Operation Frequency (MHz)
5	1852.5 - 1907.5
10	1855.0 - 1905.0
15	1857.5 - 1902.5
20	1860.0 - 1900.0

NR Band 5	
BW (MHz)	Operation Frequency (MHz)
5	826.5 - 846.5
10	829.0 - 844.0
15	831.5 - 841.5
20	834.0 - 839.0

NR Band 7	
BW (MHz)	Operation Frequency (MHz)
5	2502.5 - 2567.5
10	2505.0 - 2565.0
15	2507.5 - 2562.5
20	2510.0 - 2560.0
25	2512.5 - 2557.5
30	2515.0 - 2555.0
40	2520.0 - 2550.0

NR Band 12	
BW (MHz)	Operation Frequency (MHz)
5	701.5 - 713.5
10	704.0 - 711.0
15	706.5 - 708.5

NR Band 25	
BW (MHz)	Operation Frequency (MHz)
5	1852.5 - 1912.5
10	1855.0 - 1910.0
15	1857.5 - 1907.5
20	1860.0 - 1905.0
25	1862.5 - 1902.5
30	1865.0 - 1900.0
40	1870.0 - 1895.0

NR Band 38	
BW (MHz)	Operation Frequency (MHz)
10	2575.0 - 2615.0
15	2577.5 - 2612.5
20	2580.0 - 2610.0
30	2585.0 - 2605.0
40	2590.0 - 2600.0

NR Band 41	
BW (MHz)	Operation Frequency (MHz)
10	2501.0 - 2685.0
15	2503.5 - 2682.5
20	2506.0 - 2680.0
30	2511.0 - 2675.0
40	2516.0 - 2670.0
50	2521.0 - 2665.0
60	2526.0 - 2660.0
70	2531.0 - 2655.0
80	2536.0 - 2650.0
90	2541.0 - 2645.0
100	2546.0 - 2640.0

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NR Band 66	
BW (MHz)	Operation Frequency (MHz)
5	1712.5 - 1777.5
10	1715.0 - 1775.0
15	1717.5 - 1772.5
20	1720.0 - 1770.0
25	1722.5 - 1767.5
30	1725.0 - 1765.0
40	1730.0 - 1760.0

NR Band 71	
BW (MHz)	Operation Frequency (MHz)
5	665.5 - 695.5
10	668.0 - 693.0
15	670.5 - 690.5
20	673.0 - 688.0

NR Band 77 Part27: 3450 to 3550MHz	
BW (MHz)	Operation Frequency (MHz)
10	3455.0 - 3545.0
15	3457.5 - 3542.5
20	3460.0 - 3540.0
30	3465.0 - 3535.0
40	3470.0 - 3530.0
50	3475.0 - 3525.0
60	3480.0 - 3520.0
70	3485.0 - 3515.0
80	3490.0 - 3510.0
90	3495.0 - 3505.0
100	3500.0 - 3500.0

NR Band 77 Part27: 3700 to 3980MHz	
BW (MHz)	Operation Frequency (MHz)
10	3705.0 - 3975.0
15	3707.5 - 3972.5
20	3710.0 - 3970.0
30	3715.0 - 3965.0
40	3720.0 - 3960.0
50	3725.0 - 3955.0
60	3730.0 - 3950.0
70	3735.0 - 3945.0
80	3740.0 - 3940.0
90	3745.0 - 3935.0
100	3750.0 - 3930.0

NR Band 78	
BW (MHz)	Operation Frequency (MHz)
10	3455.0 - 3545.0
15	3457.5 - 3542.5
20	3460.0 - 3540.0
25	3462.5 - 3537.5
30	3465.0 - 3535.0
40	3470.0 - 3530.0
50	3475.0 - 3525.0
60	3480.0 - 3520.0
70	3485.0 - 3515.0
80	3490.0 - 3510.0
90	3495.0 - 3505.0
100	3500.0 - 3500.0

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1.3 Antenna Designation

Antenna Type	Antenna No.
PIFA	Ant1
	Ant2
	Ant3
	Ant4
	Ant5
	Ant6

Note: Transmission frequencies in this test report are only available by the above antenna(s).

Type	5G NR Bands	Frequency (MHz)	Peak Antenna Gain (dBi)					
			Ant1	Ant2	Ant3	Ant4	Ant5	Ant6
PIFA	2	1850 ~ 1910	-6.05	-3.6		-3.16		
	5	824 ~ 849	-3.74		-4.68			
	7	2500 ~ 2570		-1.11		-3.27		
	12	699 ~ 716	-5.33		-7.78			
	25	1850 ~ 1915		-3.6		-3.16		
	38	2570 ~ 2620		-1.11		-2.53		
	41	2496 ~ 2690		-0.35		-2.03		
	66	1710 ~ 1780		-2.74		-4.05		
	71	663 ~ 698	-7.43		-9.64			
	77 (lower)	3450 ~ 3550		-4.15		-1.55	-5.75	-2.46
77 (upper)	3700 ~ 3980		-4.03		-1.79	-4.51	-3.46	

Note: Antenna information is provided by the applicant.

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5G NR Band n77_Part27 Uplink frequency band : 3700 to 3980 MHz									
Bandwidth (MHz)	Low Frequency (MHz)	Upper Frequency (MHz)	Modulation	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (MHz)	99% BW (kHz)	Type of Emission
10	3705	3975	DFT-s PI/2 BPSK	23.9	18.15	0.065	8.5896	8589.6	8M59G7W
			DFT-s QPSK	23.51	17.76	0.060	8.5761	8576.1	8M58G7W
			DFT-s QAM	21.82	16.07	0.040	8.6206	8620.6	8M62D7W
			CP QPSK	21.71	15.96	0.039	8.5761	8576.1	8M58G7W
			CP QAM	20.83	15.08	0.032	8.6206	8620.6	8M62D7W
15	3707.52	3972.48	DFT-s PI/2 BPSK	23.89	18.14	0.065	12.895	12895.0	12M9G7W
			DFT-s QPSK	23.52	17.77	0.060	12.813	12813.0	12M8G7W
			DFT-s QAM	21.55	15.8	0.038	12.863	12863.0	12M9D7W
			CP QPSK	21.47	15.72	0.037	12.813	12813.0	12M8G7W
			CP QAM	20.6	14.85	0.031	12.813	12813.0	12M8D7W
20	3710.01	3969.99	DFT-s PI/2 BPSK	23.75	18	0.063	17.807	17807.0	17M8G7W
			DFT-s QPSK	23.6	17.85	0.061	17.955	17955.0	18M0G7W
			DFT-s QAM	21.79	16.04	0.040	17.936	17936.0	17M9D7W
			CP QPSK	21.84	16.09	0.041	17.955	17955.0	18M0G7W
			CP QAM	20.85	15.1	0.032	17.936	17936.0	17M9D7W
30	3715.02	3765	DFT-s PI/2 BPSK	23.51	17.76	0.060	26.773	26773.0	26M8G7W
			DFT-s QPSK	23.43	17.68	0.059	26.855	26855.0	26M9G7W
			DFT-s QAM	21.5	15.75	0.038	26.831	26831.0	26M8D7W
			CP QPSK	21.21	15.46	0.035	26.855	26855.0	26M9G7W
			CP QAM	20.44	14.69	0.029	26.831	26831.0	26M8D7W
40	3720	3960	DFT-s PI/2 BPSK	23.81	18.06	0.064	35.751	35751.0	35M8G7W
			DFT-s QPSK	23.28	17.53	0.057	35.709	35709.0	35M7G7W
			DFT-s QAM	21.83	16.08	0.041	35.784	35784.0	35M8D7W
			CP QPSK	21.51	15.76	0.038	35.709	35709.0	35M7G7W
			CP QAM	20.78	15.03	0.032	35.784	35784.0	35M8D7W
50	3725.01	3954.99	DFT-s PI/2 BPSK	23.91	18.16	0.065	45.793	45793.0	45M8G7W
			DFT-s QPSK	23.87	18.12	0.065	45.722	45722.0	45M7G7W
			DFT-s QAM	21.9	16.15	0.041	45.686	45686.0	45M7D7W
			CP QPSK	21.75	16	0.040	45.722	45722.0	45M7G7W
			CP QAM	20.34	14.59	0.029	45.686	45686.0	45M7D7W
60	3730.02	3949.98	DFT-s PI/2 BPSK	23.71	17.96	0.063	57.664	57664.0	57M7G7W
			DFT-s QPSK	23.3	17.55	0.057	57.741	57741.0	57M7G7W
			DFT-s QAM	21.7	15.95	0.039	57.88	57880.0	57M9D7W
			CP QPSK	21.22	15.47	0.035	57.741	57741.0	57M7G7W
			CP QAM	20.94	15.19	0.033	57.88	57880.0	57M9D7W
70	3735	3945	DFT-s PI/2 BPSK	23.55	17.8	0.060	64.301	64301.0	64M3G7W
			DFT-s QPSK	23.5	17.75	0.060	64.302	64302.0	64M3G7W
			DFT-s QAM	21.98	16.23	0.042	64.191	64191.0	64M2D7W
			CP QPSK	21.78	16.03	0.040	64.302	64302.0	64M3G7W
			CP QAM	21	15.25	0.033	64.191	64191.0	64M2D7W
80	3740.01	3939.99	DFT-s PI/2 BPSK	23.9	18.15	0.065	77.263	77263.0	77M3G7W
			DFT-s QPSK	23.89	18.14	0.065	77.256	77256.0	77M3G7W
			DFT-s QAM	21.83	16.08	0.041	77.229	77229.0	77M2D7W
			CP QPSK	20.2	14.45	0.028	77.256	77256.0	77M3G7W
			CP QAM	20.67	14.92	0.031	77.229	77229.0	77M2D7W
90	3745.02	3934.98	DFT-s PI/2 BPSK	23.76	18.01	0.063	86.791	86791.0	86M8G7W
			DFT-s QPSK	23.74	17.99	0.063	86.657	86657.0	86M7G7W
			DFT-s QAM	21.95	16.2	0.042	87.001	87001.0	87M0D7W
			CP QPSK	21.3	15.55	0.036	86.657	86657.0	86M7G7W
			CP QAM	20.78	15.03	0.032	87.001	87001.0	87M0D7W
100	3750	3930	DFT-s PI/2 BPSK	23.79	18.04	0.064	96.391	96391.0	96M4G7W
			DFT-s QPSK	23.56	17.81	0.060	96.219	96219.0	96M2G7W
			DFT-s QAM	22	16.25	0.042	96.536	96536.0	96M5D7W
			CP QPSK	21.87	16.12	0.041	96.219	96219.0	96M2G7W
			CP QAM	20.69	14.94	0.031	96.536	96536.0	96M5D7W

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1.5 Test Methodology of Applied Standards

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

ANSI C63.26-2015

KDB971168 D01 Power Meas license Digital System v03r01

KDB412172 D01 Determining ERP and EIRP v01r01

1.6 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.

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:

5G NR BAND n2		
CP-OFDM_SCS 15 kHz		
Test mode	DC voltage (V)	DC current (mA)
Bandwidth:5MHz Mod:256QAM	3.89	483
Bandwidth:10MHz Mod:256QAM	3.89	561
Bandwidth:15MHz Mod:256QAM	3.89	609
Bandwidth:20MHz Mod:256QAM	3.89	493
Bandwidth:25MHz Mod:256QAM	3.89	517
Bandwidth:30MHz Mod:256QAM	3.89	591
Bandwidth:40MHz Mod:256QAM	3.89	469
5G NR BAND n5		
CP-OFDM_SCS 15 kHz		
Test mode	DC voltage (V)	DC current (mA)
Bandwidth:5MHz Mod:256QAM	3.89	481
Bandwidth:10MHz Mod:256QAM	3.89	496
Bandwidth:15MHz Mod:256QAM	3.89	547
Bandwidth:20MHz Mod:256QAM	3.89	611
Bandwidth:25MHz Mod:256QAM	3.89	609
5G NR BAND n7		
CP-OFDM_SCS 15 kHz		
Test mode	DC voltage (V)	DC current (mA)
Bandwidth:5MHz Mod:256QAM	3.89	587
Bandwidth:10MHz Mod:256QAM	3.89	493
Bandwidth:15MHz Mod:256QAM	3.89	601
Bandwidth:20MHz Mod:256QAM	3.89	598
Bandwidth:25MHz Mod:256QAM	3.89	521
Bandwidth:30MHz Mod:256QAM	3.89	558
Bandwidth:40MHz Mod:256QAM	3.89	549
Bandwidth:50MHz Mod:256QAM	3.89	491
5G NR BAND n12		
CP-OFDM_SCS 15 kHz		
Test mode	DC voltage (V)	DC current (mA)
Bandwidth:5MHz Mod:256QAM	3.89	608
Bandwidth:10MHz Mod:256QAM	3.89	574
Bandwidth:15MHz Mod:256QAM	3.89	536

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5G NR BAND n25		
CP-OFDM_SCS 15 kHz		
Test mode	DC voltage (V)	DC current (mA)
Bandwidth:5MHz Mod:256QAM	3.89	597
Bandwidth:10MHz Mod:256QAM	3.89	524
Bandwidth:15MHz Mod:256QAM	3.89	588
Bandwidth:20MHz Mod:256QAM	3.89	548
Bandwidth:25MHz Mod:256QAM	3.89	508
Bandwidth:30MHz Mod:256QAM	3.89	581
Bandwidth:40MHz Mod:256QAM	3.89	526
5G NR BAND n38		
CP-OFDM_SCS 30 kHz		
Test mode	DC voltage (V)	DC current (mA)
Bandwidth:10MHz Mod:256QAM	3.89	503
Bandwidth:15MHz Mod:256QAM	3.89	489
Bandwidth:20MHz Mod:256QAM	3.89	521
Bandwidth:25MHz Mod:256QAM	3.89	553
Bandwidth:30MHz Mod:256QAM	3.89	601
Bandwidth:40MHz Mod:256QAM	3.89	507
5G NR BAND n41		
CP-OFDM_SCS 30 kHz		
Test mode	DC voltage (V)	DC current (mA)
Bandwidth:10MHz Mod:256QAM	3.89	582
Bandwidth:15MHz Mod:256QAM	3.89	578
Bandwidth:20MHz Mod:256QAM	3.89	508
Bandwidth:30MHz Mod:256QAM	3.89	486
Bandwidth:40MHz Mod:256QAM	3.89	558
Bandwidth:50MHz Mod:256QAM	3.89	601
Bandwidth:60MHz Mod:256QAM	3.89	595
Bandwidth:70MHz Mod:256QAM	3.89	521
Bandwidth:80MHz Mod:256QAM	3.89	481
Bandwidth:90MHz Mod:256QAM	3.89	522
Bandwidth:100MHz Mod:256QAM	3.89	608

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5G NR BAND n66		
CP-OFDM_SCS 15 kHz		
Test mode	DC voltage (V)	DC current (mA)
Bandwidth:5MHz Mod:256QAM	3.89	545
Bandwidth:10MHz Mod:256QAM	3.89	561
Bandwidth:15MHz Mod:256QAM	3.89	573
Bandwidth:20MHz Mod:256QAM	3.89	582
Bandwidth:25MHz Mod:256QAM	3.89	566
Bandwidth:30MHz Mod:256QAM	3.89	541
Bandwidth:40MHz Mod:256QAM	3.89	588
5G NR BAND n71		
CP-OFDM_SCS 15 kHz		
Test mode	DC voltage (V)	DC current (mA)
Bandwidth:5MHz Mod:256QAM	3.89	508
Bandwidth:10MHz Mod:256QAM	3.89	564
Bandwidth:15MHz Mod:256QAM	3.89	571
Bandwidth:20MHz Mod:256QAM	3.89	527
5G NR Band n77_Part27: 3700 to 3980 MHz		
CP-OFDM_SCS 30 kHz		
Test mode	DC voltage (V)	DC current (mA)
Bandwidth:10MHz Mod:256QAM	3.89	595
Bandwidth:15MHz Mod:256QAM	3.89	547
Bandwidth:20MHz Mod:256QAM	3.89	603
Bandwidth:25MHz Mod:256QAM	3.89	548
Bandwidth:30MHz Mod:256QAM	3.89	516
Bandwidth:40MHz Mod:256QAM	3.89	496
Bandwidth:50MHz Mod:256QAM	3.89	525
Bandwidth:60MHz Mod:256QAM	3.89	561
Bandwidth:70MHz Mod:256QAM	3.89	556
Bandwidth:80MHz Mod:256QAM	3.89	598
Bandwidth:90MHz Mod:256QAM	3.89	489
Bandwidth:100MHz Mod:256QAM	3.89	519

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5G NR Band n77_Part27: 3450 to 3550 MHz		
CP-OFDM_SCS 30 kHz		
Test mode	DC voltage (V)	DC current (mA)
Bandwidth:10MHz Mod:256QAM	3.89	484
Bandwidth:15MHz Mod:256QAM	3.89	549
Bandwidth:20MHz Mod:256QAM	3.89	581
Bandwidth:25MHz Mod:256QAM	3.89	564
Bandwidth:30MHz Mod:256QAM	3.89	541
Bandwidth:40MHz Mod:256QAM	3.89	504
Bandwidth:50MHz Mod:256QAM	3.89	497
Bandwidth:60MHz Mod:256QAM	3.89	594
Bandwidth:70MHz Mod:256QAM	3.89	586
Bandwidth:80MHz Mod:256QAM	3.89	588
Bandwidth:90MHz Mod:256QAM	3.89	508
Bandwidth:100MHz Mod:256QAM	3.89	577

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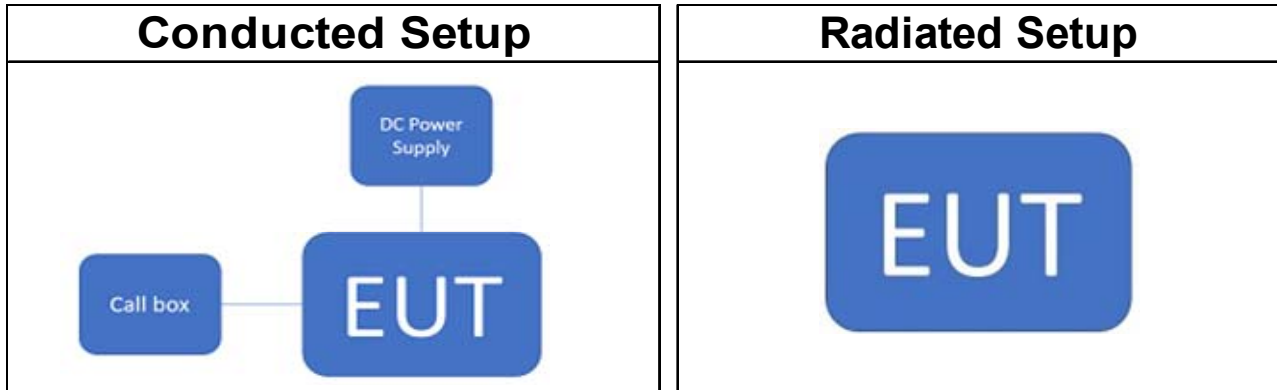
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2.6 Test Configuration



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

2.7 Control Unit(s)

N/A

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3 SUMMARY OF TEST RESULTS

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

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4 DESCRIPTION OF TEST MODES

4.1 The Worst Test Modes and Channel 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 operation frequency of n78 is a subset of n77, so the n78 test cases are covered by n77 testing.
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.

Mode	Available Antennas						Worst Case Antenna					
	Ant1	Ant2	Ant3	Ant4	Ant5	Ant6	Ant1	Ant2	Ant3	Ant4	Ant5	Ant6
n2	V	V		V				V				
n5	V		V				V					
n7		V		V				V				
n12	V		V				V					
n25		V		V				V				
n38		V		V				V				
n41		V		V				V				
n66	V	V		V				V				
n71	V	V	V				V					
n77		V		V	V	V					V	

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Available ENDC modes

5G NR ENDC Band	SCS	Test Channel	Channel Bandwidth (MHz)	Modulation	Resource Block Allocation	
					RBs allocated	RB Offset
2A_n5A	15K	19100_167800	20_20	QPSK_DFT-s PI/2 BPSK	1_1	0_1
2A_n41A	30K	19100_509202	20_100	QPSK_DFT-s PI/2 BPSK	1_1	0_1
2A_n66A	15K	19100_346000	20_40	QPSK_DFT-s PI/2 BPSK	1_1	0_1
2A_n71A	15K	19100_137600	20_20	QPSK_DFT-s PI/2 BPSK	1_1	0_1
2A_n77A	30K	19100_633334	20_50	QPSK_DFT-s PI/2 BPSK	1_1	0_1
5A_n2A	15K	20600_376000	10_20	QPSK_DFT-s PI/2 BPSK	1_1	0_1
5A_n66A	15K	20600_346000	10_40	QPSK_DFT-s PI/2 BPSK	1_1	0_1
5A_n77A	30K	20600_633334	10_50	QPSK_DFT-s PI/2 BPSK	1_1	0_1
12A_n2A	15K	23060_376000	10_20	QPSK_DFT-s PI/2 BPSK	1_1	0_1
12A_n66A	15K	23060_346000	10_40	QPSK_DFT-s PI/2 BPSK	1_1	0_1
12A_n77A	30K	23060_633334	10_50	QPSK_DFT-s PI/2 BPSK	1_1	0_1
30A_n2A	15K	27710_376000	10_20	QPSK_DFT-s PI/2 BPSK	1_1	0_1
30A_n5A	15K	27710_167800	10_20	QPSK_DFT-s PI/2 BPSK	1_1	0_1
30A_n66A	15K	27710_346000	10_40	QPSK_DFT-s PI/2 BPSK	1_1	0_1
30A_n77A	30K	27710_633334	10_50	QPSK_DFT-s PI/2 BPSK	1_1	0_1
66A_n2A	15K	132072_376000	20_20	QPSK_DFT-s PI/2 BPSK	1_1	0_1
66A_n5A	15K	132072_167800	20_20	QPSK_DFT-s PI/2 BPSK	1_1	0_1
66A_n41A	30K	132072_509202	20_100	QPSK_DFT-s PI/2 BPSK	1_1	0_1
66A_n71A	15K	132072_137600	20_20	QPSK_DFT-s PI/2 BPSK	1_1	0_1
66A_n77A	30K	132072_633334	20_50	QPSK_DFT-s PI/2 BPSK	1_1	0_1

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Test Items	Band	Test Channel			Bandwidth (MHz)																Modulation DFT-s-OFDM			Modulation CP-OFDM			RB #												
		L	M	H	5	10	15	20	25	30	35	40	45	50	60	70	80	90	100	BPSK	QPSK	16 QAM	64 QAM	256 QAM	QPSK	16 QAM	64 QAM	256 QAM	Edge 1RB_Left	Edge 1RB_Right	Inner 1RB_Left	Inner 1RB_Right	Inner Full	Outer Full					
Conducted Power	66	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v				v	v	v	v				
Frequency Stability		v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v								v			
Occupied Bandwidth		v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v									v		
Bandedge		v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v								v	
Mask		v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v											
Conducted Emission		v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v									v		
CCDF		v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v									v		
Radiated Emission		v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v									v		
Conducted Power	71	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v				v	v	v	v		
Frequency Stability		v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v									v		
Occupied Bandwidth		v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v										v	
Bandedge		v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v								v
Mask		v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v											
Conducted Emission		v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v									v		
CCDF		v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v										v	
Radiated Emission		v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v									v		
Conducted Power	77	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v				v	v	v	v		
Frequency Stability		v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v									v		
Occupied Bandwidth		v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v										v	
Bandedge		v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v								v
Mask		v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v											
Conducted Emission		v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v									v		
CCDF		v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v										v	
Radiated Emission		v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v	v									v		

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5 MEASUREMENT UNCERTAINTY

Test Items	Uncertainty
RF Power Output	+/- 1 dB
ERP/ EIRP measurement	+/- 2.93 dB
	+/- 2.93 dB
Emission Bandwidth	+/- 1.53 Hz
Out of Band Emissions at Antenna Terminals and Band Edge	+/- 1.68 dB
Peak to Average Ratio	+/- 1 dB
Frequency Stability vs. Temperature	+/- 1.53 Hz
Frequency Stability vs. Voltage	+/- 1.53 Hz
Temperature	+/- 0.7 °C
Humidity	+/- 3 %
DC / AC Power Source	+/- 1 %

Radiated Spurious Emission Measurement Uncertainty		
Polarization: Vertical	+/- 2.8 dB	9kHz~30MHz
	+/- 4.82 dB	30MHz - 1000MHz
	+/- 4.37 dB	1GHz - 18GHz
	+/- 4.21 dB	18GHz - 40GHz
Polarization: Horizontal	+/- 2.8 dB	9kHz~30MHz
	+/- 4.54 dB	30MHz - 1000MHz
	+/- 4.37 dB	1GHz - 18GHz
	+/- 4.21 dB	18GHz - 40GHz

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

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6 MEASUREMENT EQUIPMENT USED

6.1 Conducted Measurement

Conducted Emission Test Site: Conducted 3					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
PXA Spectrum Analyzer	Keysight	N9030B	MY61330494	03/20/2023	03/19/2024
PXA Spectrum Analyzer	Keysight	N9030A	MY53120760	05/03/2023	05/02/2024
Radio Communication Analyzer	KEYSIGHT	E7515B	MY60191250	01/31/2023	01/30/2024
Test Software	SGS	Radio Test Software	Ver. 21	N.C.R	N.C.R
Temperature Chamber	Giant Force	GTH-150-40-CP-AR	MAA0512-018	05/24/2023	05/23/2024
DC Power Supply	Gwinstek	SPS-3610	GEV856757	10/17/2022	10/16/2023
Attenuator	Mini-Circuit	BW-S10W2+	2	12/13/2022	12/12/2023
DC Block	Mini-Circuits	BLK-18-S+	1	12/13/2022	12/12/2023
Power Divider	RF-LAMBAD	RFLT2W1G18G	11-JSPF412-018	12/13/2022	12/12/2023

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6.2 Radiated Measurement

Radiated Emission Test Site: SAC 2					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
Bi-log Antenna	SCHWARZBECK	VULB9168	378	08/15/2022	08/14/2023
Horn Antenna	RF SPIN	DRH18-E	210303A18-ES	02/24/2023	02/23/2024
Bi-log Antenna	SCHWARZBECK	VULB9168	9168-1278	03/09/2023	03/08/2024
Horn Antenna	SCHWARZBECK	BBHA9120D	603	05/11/2023	05/10/2024
Horn Antenna	SCHWARZBECK	BBHA9170	184	12/30/2022	12/29/2023
Horn Antenna	SCHWARZBECK	BBHA9170	185	08/22/2022	08/21/2023
Test Software	Audix	e3	Ver. 9.210322	N.C.R	N.C.R
EXA Spectrum Analyzer	KEYSIGHT	N9010B	MY60242392	12/20/2022	12/19/2023
Signal Generator	R&S	SMBV100A	263084	12/29/2022	12/28/2023
Radio Communication Analyser	Anritsu	MT8821C	6261786084	01/16/2023	01/15/2024
Pre-Amplifier	EMCI	EMC330N	980826	08/31/2022	08/30/2023
Pre-Amplifier	EMCI	EMC118A45SEE	980867	08/31/2022	08/30/2023
Pre-Amplifier	EMCI	EMC184045B	980135	10/27/2022	10/26/2023
Bandreject Filter 635-920	Micro-Tronics	WI	4	12/13/2022	12/12/2023
Bandreject Filter 1700-2000	Micro-Tronics	EWT	M3	12/13/2022	12/12/2023
Bandreject Filter 2240-2700	Micro-Tronics	WI	2	12/13/2022	12/12/2023
Bandreject Filter 3300-3800	Micro-Tronics	WI	1	12/13/2022	12/12/2023
1GHz High Pass Filter	Micro-Tronics	HPM50108	32	12/13/2022	12/12/2023
2GHz High Pass Filter	Micro-Tronics	HPM50110	36	12/13/2022	12/12/2023
3.1GHz High Pass Filter	WI	WFIL-H3100-18000F-01	WRGBAFWC2B6	12/13/2022	12/12/2023
4GHz High Pass Filter	WI	WHKX4.0/18G-10SS	22	12/13/2022	12/12/2023
Coaxial Cables	EMCI	EMCCFD400-NM-NM-10000	RX Cable below 1G (220238)	08/31/2022	08/30/2023
Coaxial Cables	EMCI	EMC104-SM-SM-600	RX Cable below 1G (220237)	08/31/2022	08/30/2023
Coaxial Cables	EMCI	EMC105-SM-SM-2000	RX Cable below 1G (220910)	08/31/2022	08/30/2023
Coaxial Cables	EMCI	EMC104-SM-SM-10000	RX Cable above 1G (220236)	08/31/2022	08/30/2023
Coaxial Cables	EMCI	EMC105-SM-SM-1000	RX Cable above 1G (201211)	08/31/2022	08/30/2023
Coaxial Cables	EMCI	EMC105-SM-SM-1500	RX Cable above 1G (220906)	08/31/2022	08/30/2023
Coaxial Cables	EMCI	EMC105-SM-SM-2000	RX Cable above 1G (220909)	08/31/2022	08/30/2023
Coaxial Cables	EMCI	EMCCFD400-NM-NM-10000	RX Cable below 30M (220238)	08/31/2022	08/30/2023
Coaxial Cables	EMCI	EMC105-SM-SM-2000	RX Cable below 30M (220910)	08/31/2022	08/30/2023
Coaxial Cable	Huber Suhner	SUCOFLEX 104	160125	12/13/2022	12/12/2023
Coaxial Cable	Huber Suhner	SUCOFLEX 106	76096/6	12/13/2022	12/12/2023
Coaxial Cable	Huber Suhner	SUCOFLEX 102	MY2630/2	12/13/2022	12/12/2023
Coaxial Cable	Huber Suhner	SUCOFLEX 102	MY22962/2	12/13/2022	12/12/2023
Coaxial Cable	Huber Suhner	SUCOFLEX 102	SN 520430/2	12/13/2022	12/12/2023
Site Cal	SGS	SAC 2	N/A	08/31/2022	08/30/2023

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7 MAXIMUM OUTPUT POWER

7.1 Standard Applicable

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

7.1.1 ERP/EIRP LIMIT

According to FCC §2.1046

FCC 22.913(a)

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

FCC 24.232(c)

Mobile and portable stations are limited to 2 W EIRP.

FCC 27.50(c)

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

FCC 27.50(d)

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

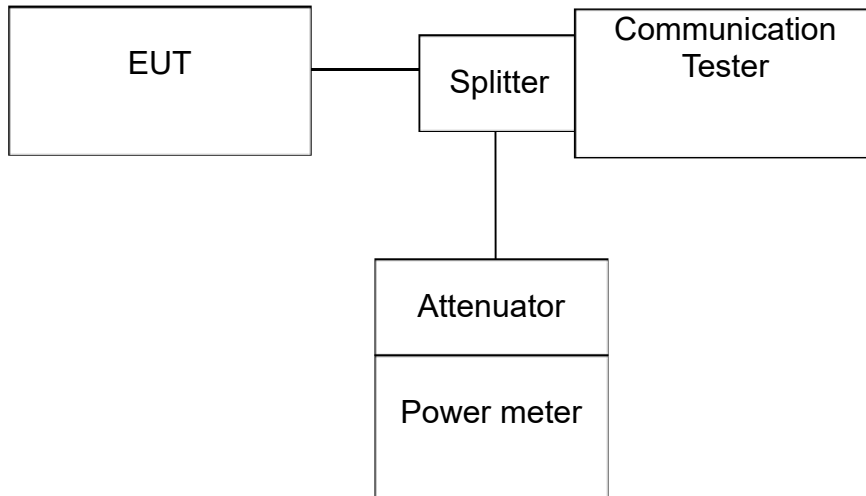
FCC 27, 50(h)

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

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7.2 Test Set-up



Note: Measurement setup for testing on Antenna connector

7.3 Output Power Measurement Applicable Guidance

The transmitter output was connected to a calibrated attenuator, the other end of which was connected to a power meter. Transmitter output was read off the power meter in dBm. The power output at the transmitter antenna port was determined by adding the value of the attenuator to the power meter reading.

KDB 971168 D01 Power Meas License Digital System as the supplemental test methodology to adjust the proper setting obtaining the measurement results.

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

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

According to KDB 412172 D01 Power Approach,

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

$$ERP = EIRP - 2.15,$$

Where:

- ERP or EIRP = effective radiated power or equivalent isotropically radiated power (expressed in the same units as P_T , typically dBW, dBm, or power spectral density (PSD)²), relative to either a dipole antenna (ERP) or an isotropic antenna (EIRP);
- P_T = transmitter output power, expressed in dBW, dBm, or PSD;
- G_T = gain of the transmitting antenna, in dBd (ERP) or dBi (EIRP);
- L_C = signal attenuation in the connecting cable between the transmitter and antenna, in dB.

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7.5 Measurement Results:

5G NR Band n2 : 1850 to 1910 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-3.6		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			2		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	370500	376000	381500	370500	376000	381500
					1852.5	1880	1907.5	1852.5	1880	1907.5
5	15	DFT-s PI/2 BPSK	1	1	23.22	23.34	23.50	19.62	19.74	19.90
			1	23	22.42	21.81	21.66	18.82	18.21	18.06
			12	6	23.13	22.26	21.88	19.53	18.66	18.28
			25	0	22.66	21.76	21.29	19.06	18.16	17.69
		DFT-s QPSK	1	1	22.66	21.72	21.56	19.06	18.12	17.96
			1	23	22.48	22.29	21.66	18.88	18.69	18.06
			12	6	22.48	22.27	21.85	18.88	18.67	18.25
		25	0	22.19	21.21	20.76	18.59	17.61	17.16	
		DFT-s 16QAM	1	1	19.45	21.45	21.74	15.85	17.85	18.14
		DFT-s 64QAM	1	1	19.79	19.88	19.89	16.19	16.28	16.29
		DFT-s 256QAM	1	1	17.74	17.75	17.78	14.14	14.15	14.18
		CP QPSK	1	1	20.76	21.35	20.96	17.16	17.75	17.36
		CP 16QAM	1	1	20.12	20.45	20.76	16.52	16.85	17.16
		CP 64QAM	1	1	19.34	18.95	19.45	15.74	15.35	15.85
CP 256QAM	1	1	17.89	17.59	17.74	14.29	13.99	14.14		

5G NR Band n2 : 1850 to 1910 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-3.6		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			2		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	371000	376000	381000	371000	376000	381000
					1855	1880	1905	1855	1880	1905
10	15	DFT-s PI/2 BPSK	1	1	23.28	23.38	23.42	19.68	19.78	19.82
			1	50	22.39	22.02	22.08	18.79	18.42	18.48
			25	12	23.21	22.35	21.83	19.61	18.75	18.23
			50	0	22.83	21.85	21.28	19.23	18.25	17.68
		DFT-s QPSK	1	1	22.20	22.81	20.55	18.60	19.21	16.95
			1	50	22.39	22.22	21.78	18.79	18.62	18.18
			25	12	23.29	22.32	21.77	19.69	18.72	18.17
		50	0	22.22	21.33	20.78	18.62	17.73	17.18	
		DFT-s 16QAM	1	1	21.54	21.30	21.72	17.94	17.70	18.12
		DFT-s 64QAM	1	1	19.69	20.33	20.12	16.09	16.73	16.52
		DFT-s 256QAM	1	1	17.87	17.92	17.85	14.27	14.32	14.25
		CP QPSK	1	1	21.41	20.28	21.12	17.81	16.68	17.52
		CP 16QAM	1	1	20.66	19.99	20.83	17.06	16.39	17.23
		CP 64QAM	1	1	19.29	19.09	19.30	15.69	15.49	15.70
CP 256QAM	1	1	17.80	17.15	17.56	14.20	13.55	13.96		

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5G NR Band n2 : 1850 to 1910 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-3.6		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			2		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	371500	376000	380500	371500	376000	380500
					1857.5	1880	1902.5	1857.5	1880	1902.5
15	15	DFT-s PI/2 BPSK	1	1	23.21	23.41	23.40	19.61	19.81	19.80
			1	77	22.71	22.10	21.89	19.11	18.50	18.29
			36	18	23.36	22.45	21.72	19.76	18.85	18.12
			75	0	22.86	22.00	21.42	19.26	18.40	17.82
		DFT-s QPSK	1	1	22.71	22.84	20.84	19.11	19.24	17.24
			1	77	23.03	21.99	22.07	19.43	18.39	18.47
			36	18	23.38	22.48	21.77	19.78	18.88	18.17
			75	0	22.46	21.46	20.91	18.86	17.86	17.31
		DFT-s 16QAM	1	1	21.58	21.65	21.71	17.98	18.05	18.11
		DFT-s 64QAM	1	1	19.86	20.53	20.03	16.26	16.93	16.43
		DFT-s 256QAM	1	1	18.39	18.38	18.57	14.79	14.78	14.97
		CP QPSK	1	1	20.69	21.23	21.13	17.09	17.63	17.53
		CP 16QAM	1	1	20.53	21.13	20.72	16.93	17.53	17.12
		CP 64QAM	1	1	19.46	19.30	19.66	15.86	15.70	16.06
CP 256QAM	1	1	17.77	17.76	17.17	14.17	14.16	13.57		

5G NR Band n2 : 1850 to 1910 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-3.6		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			2		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	372000	376000	380000	372000	376000	380000
					1860	1880	1900	1860	1880	1900
20	15	DFT-s PI/2 BPSK	1	1	23.37	23.54	23.53	19.77	19.94	19.93
			1	104	23.19	23.38	23.32	19.59	19.78	19.72
			50	25	23.21	23.46	23.43	19.61	19.86	19.83
			100	0	22.88	23.02	23.03	19.28	19.42	19.43
		DFT-s QPSK	1	1	23.28	23.39	23.40	19.68	19.79	19.80
			1	104	23.29	23.42	23.40	19.69	19.82	19.80
			50	25	23.17	23.41	23.45	19.57	19.81	19.85
			100	0	22.21	22.37	22.37	18.61	18.77	18.77
		DFT-s 16QAM	1	1	22.25	22.41	22.42	18.65	18.81	18.82
		DFT-s 64QAM	1	1	20.76	20.97	20.86	17.16	17.37	17.26
		DFT-s 256QAM	1	1	18.68	18.87	18.99	15.08	15.27	15.39
		CP QPSK	1	1	20.98	21.30	20.78	17.38	17.70	17.18
		CP 16QAM	1	1	21.30	20.50	20.74	17.70	16.90	17.14
		CP 64QAM	1	1	19.05	19.01	19.29	15.45	15.41	15.69
CP 256QAM	1	1	17.91	17.89	17.83	14.31	14.29	14.23		

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5G NR Band n5 : 824 to 849 MHz					Conducted Average (dBm)			ERP (dBm)		
Antenna Gain(dBi)			-3.74		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			7		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	165300	167300	169300	165300	167300	169300
					826.5	836.5	846.5	826.5	836.5	846.5
5	15	DFT-s PI/2 BPSK	1	1	23.25	23.22	23.37	17.36	17.33	17.48
			1	23	22.79	23.26	23.15	16.90	17.37	17.26
			12	6	23.05	23.18	23.18	17.16	17.29	17.29
			25	0	22.70	22.60	22.66	16.81	16.71	16.77
		DFT-s QPSK	1	1	22.70	23.03	22.10	16.81	17.14	16.21
			1	23	23.22	23.10	23.18	17.33	17.21	17.29
			12	6	23.07	23.07	23.19	17.18	17.18	17.30
			25	0	22.21	22.10	22.08	16.32	16.21	16.19
		DFT-s 16QAM	1	1	22.18	22.22	22.40	16.29	16.33	16.51
		DFT-s 64QAM	1	1	20.74	20.67	21.10	14.85	14.78	15.21
		DFT-s 256QAM	1	1	18.96	18.70	18.70	13.07	12.81	12.81
		CP QPSK	1	1	22.10	21.59	21.98	16.21	15.70	16.09
		CP 16QAM	1	1	21.18	21.35	21.31	15.29	15.46	15.42
		CP 64QAM	1	1	20.31	20.45	20.16	14.42	14.56	14.27
CP 256QAM	1	1	17.05	16.77	16.79	11.16	10.88	10.90		

5G NR Band n5 : 824 to 849 MHz					Conducted Average (dBm)			ERP (dBm)		
Antenna Gain(dBi)			-3.74		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			7		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	165800	167300	168800	165800	167300	168800
					829	836.5	844	829	836.5	844
10	15	DFT-s PI/2 BPSK	1	1	23.33	23.22	23.35	17.44	17.33	17.46
			1	50	23.25	23.18	23.11	17.36	17.29	17.22
			25	12	23.22	23.14	23.13	17.33	17.25	17.24
			50	0	22.62	22.69	22.67	16.73	16.80	16.78
		DFT-s QPSK	1	1	22.07	22.22	22.67	16.18	16.33	16.78
			1	50	22.96	23.03	22.67	17.07	17.14	16.78
			25	12	23.19	23.17	22.67	17.30	17.28	16.78
			50	0	22.24	22.24	22.14	16.35	16.35	16.25
		DFT-s 16QAM	1	1	22.59	22.55	22.31	16.70	16.66	16.42
		DFT-s 64QAM	1	1	20.72	20.25	20.66	14.83	14.36	14.77
		DFT-s 256QAM	1	1	18.49	18.58	18.45	12.60	12.69	12.56
		CP QPSK	1	1	21.84	21.74	21.27	15.95	15.85	15.38
		CP 16QAM	1	1	21.57	21.02	21.59	15.68	15.13	15.70
		CP 64QAM	1	1	19.89	18.79	20.12	14.00	12.90	14.23
CP 256QAM	1	1	16.82	17.06	16.71	10.93	11.17	10.82		

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5G NR Band n5 : 824 to 849 MHz					Conducted Average (dBm)			ERP (dBm)		
Antenna Gain(dBi)			-3.74		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			7		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	166300	167300	168300	166300	167300	168300
					831.5	836.5	841.5	831.5	836.5	841.5
15	15	DFT-s PI/2 BPSK	1	1	23.32	23.19	23.31	19.58	19.45	19.57
			1	77	23.25	23.22	23.25	19.51	19.48	19.51
			36	18	23.14	23.20	23.24	19.40	19.46	19.50
			75	0	22.83	22.82	22.78	19.09	19.08	19.04
		DFT-s QPSK	1	1	22.44	22.39	23.23	18.70	18.65	19.49
			1	77	23.01	23.07	23.15	19.27	19.33	19.41
			36	18	23.18	23.24	23.17	19.44	19.50	19.43
			75	0	22.35	22.34	22.32	18.61	18.60	18.58
		DFT-s 16QAM	1	1	22.46	22.50	22.20	18.72	18.76	18.46
		DFT-s 64QAM	1	1	21.18	20.73	20.94	17.44	16.99	17.20
		DFT-s 256QAM	1	1	19.15	19.06	19.94	15.41	15.32	16.20
		CP QPSK	1	1	21.77	21.81	21.86	18.03	18.07	18.12
		CP 16QAM	1	1	21.24	21.93	21.58	17.50	18.19	17.84
		CP 64QAM	1	1	20.10	20.30	20.55	16.36	16.56	16.81
CP 256QAM	1	1	16.55	16.83	16.63	12.81	13.09	12.89		

5G NR Band n5 : 824 to 849 MHz					Conducted Average (dBm)			ERP (dBm)		
Antenna Gain(dBi)			-3.74		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			7		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	166300	167300	168300	166300	167300	168300
					831.5	836.5	841.5	831.5	836.5	841.5
15	15	DFT-s PI/2 BPSK	1	1	23.32	23.19	23.31	17.43	17.30	17.42
			1	77	23.25	23.22	23.25	17.36	17.33	17.36
			36	18	23.14	23.20	23.24	17.25	17.31	17.35
			75	0	22.83	22.82	22.78	16.94	16.93	16.89
		DFT-s QPSK	1	1	22.44	22.39	23.23	16.55	16.50	17.34
			1	77	23.01	23.07	23.15	17.12	17.18	17.26
			36	18	23.18	23.24	23.17	17.29	17.35	17.28
			75	0	22.35	22.34	22.32	16.46	16.45	16.43
		DFT-s 16QAM	1	1	22.46	22.50	22.20	16.57	16.61	16.31
		DFT-s 64QAM	1	1	21.18	20.73	20.94	15.29	14.84	15.05
		DFT-s 256QAM	1	1	19.15	19.06	19.94	13.26	13.17	14.05
		CP QPSK	1	1	21.77	21.81	21.86	15.88	15.92	15.97
		CP 16QAM	1	1	21.24	21.93	21.58	15.35	16.04	15.69
		CP 64QAM	1	1	20.10	20.30	20.55	14.21	14.41	14.66
CP 256QAM	1	1	16.55	16.83	16.63	10.66	10.94	10.74		

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5G NR Band n5 : 824 to 849 MHz					Conducted Average (dBm)			ERP (dBm)		
Antenna Gain(dBi)			-3.74		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			7		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	166800	167300	167800	166800	167300	167800
					834	836.5	839	834	836.5	839
20	15	DFT-s PI/2 BPSK	1	1	23.40	23.32	23.45	17.51	17.43	17.56
			1	104	23.35	23.15	23.37	17.46	17.26	17.48
			50	25	23.21	23.23	23.30	17.32	17.34	17.41
			100	0	22.96	22.79	22.92	17.07	16.90	17.03
		DFT-s QPSK	1	1	23.29	23.23	23.34	17.40	17.34	17.45
			1	104	23.27	23.18	23.36	17.38	17.29	17.47
			50	25	23.28	23.25	23.34	17.39	17.36	17.45
		100	0	22.24	22.15	22.29	16.35	16.26	16.40	
		DFT-s 16QAM	1	1	22.28	22.19	22.34	16.39	16.30	16.45
		DFT-s 64QAM	1	1	20.80	20.74	20.90	14.91	14.85	15.01
		DFT-s 256QAM	1	1	18.84	18.65	18.75	12.95	12.76	12.86
		CP QPSK	1	1	21.56	21.79	21.95	15.67	15.90	16.06
		CP 16QAM	1	1	21.33	21.23	21.10	15.44	15.34	15.21
		CP 64QAM	1	1	20.28	19.97	20.09	14.39	14.08	14.20
CP 256QAM	1	1	17.09	17.15	17.03	11.20	11.26	11.14		
5G NR Band n7 : 2500 to 2570 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-1.11		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			2		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	500500	507000	513500	500500	507000	513500
					2502.5	2535	2567.5	2502.5	2535	2567.5
5	15	DFT-s PI/2 BPSK	1	1	24.07	24.01	24.04	22.96	22.90	22.93
			1	23	23.75	23.94	23.58	22.64	22.83	22.47
			12	6	23.40	23.32	23.42	22.29	22.21	22.31
			25	0	22.83	22.83	22.91	21.72	21.72	21.80
		DFT-s QPSK	1	1	23.39	23.95	23.45	22.28	22.84	22.34
			1	23	23.39	23.09	23.52	22.28	21.98	22.41
			12	6	23.32	23.28	23.39	22.21	22.17	22.28
		25	0	22.35	22.36	22.42	21.24	21.25	21.31	
		DFT-s 16QAM	1	1	22.16	22.29	22.31	21.05	21.18	21.20
		DFT-s 64QAM	1	1	20.46	20.48	20.52	19.35	19.37	19.41
		DFT-s 256QAM	1	1	19.33	18.79	18.38	18.22	17.68	17.27
		CP QPSK	1	1	21.57	21.29	21.52	20.46	20.18	20.41
		CP 16QAM	1	1	21.03	20.60	21.06	19.92	19.49	19.95
		CP 64QAM	1	1	19.70	19.93	19.74	18.59	18.82	18.63
CP 256QAM	1	1	17.24	16.60	16.72	16.13	15.49	15.61		

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5G NR Band n7 : 2500 to 2570 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-1.11		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			2		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	501000	507000	513000	501000	507000	513000
					2505	2535	2565	2505	2535	2565
10	15	DFT-s PI/2 BPSK	1	1	24.11	23.94	24.06	23.00	22.83	22.95
			1	50	23.42	23.39	23.43	22.31	22.28	22.32
			25	12	23.33	23.37	23.33	22.22	22.26	22.22
			50	0	22.82	22.87	22.87	21.71	21.76	21.76
		DFT-s QPSK	1	1	22.20	23.06	23.23	21.09	21.95	22.12
			1	50	23.21	22.90	23.41	22.10	21.79	22.30
			25	12	23.34	23.34	23.33	22.23	22.23	22.22
			50	0	22.37	22.41	22.37	21.26	21.30	21.26
		DFT-s 16QAM	1	1	21.26	22.31	22.32	20.15	21.20	21.21
		DFT-s 64QAM	1	1	20.86	20.66	20.79	19.75	19.55	19.68
		DFT-s 256QAM	1	1	18.59	18.53	18.54	17.48	17.42	17.43
		CP QPSK	1	1	21.73	22.17	22.16	20.62	21.06	21.05
		CP 16QAM	1	1	21.21	21.39	21.43	20.10	20.28	20.32
		CP 64QAM	1	1	18.85	19.33	19.82	17.74	18.22	18.71
CP 256QAM	1	1	16.99	16.53	16.58	15.88	15.42	15.47		
5G NR Band n7 : 2500 to 2570 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-1.11		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			2		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	501500	507000	512500	501500	507000	512500
					2507.5	2535	2562.5	2507.5	2535	2562.5
15	15	DFT-s PI/2 BPSK	1	1	24.18	23.98	24.04	23.07	22.87	22.93
			1	77	23.58	23.17	23.29	22.47	22.06	22.18
			36	18	23.53	23.51	23.51	22.42	22.40	22.40
			75	0	22.95	22.99	22.96	21.84	21.88	21.85
		DFT-s QPSK	1	1	23.38	23.50	23.14	22.27	22.39	22.03
			1	77	23.39	23.54	23.37	22.28	22.43	22.26
			36	18	23.42	23.51	23.51	22.31	22.40	22.40
			75	0	22.47	22.56	22.45	21.36	21.45	21.34
		DFT-s 16QAM	1	1	22.21	22.16	22.09	21.10	21.05	20.98
		DFT-s 64QAM	1	1	20.71	20.95	20.29	19.60	19.84	19.18
		DFT-s 256QAM	1	1	18.88	19.00	19.10	17.77	17.89	17.99
		CP QPSK	1	1	22.05	21.83	21.54	20.94	20.72	20.43
		CP 16QAM	1	1	21.65	21.29	21.74	20.54	20.18	20.63
		CP 64QAM	1	1	19.94	19.87	19.50	18.83	18.76	18.39
CP 256QAM	1	1	16.60	16.66	16.77	15.49	15.55	15.66		

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5G NR Band n7 : 2500 to 2570 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-1.11		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			2		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	502000	507000	512000	502000	507000	512000
					2510	2535	2560	2510	2535	2560
20	15	DFT-s PI/2 BPSK	1	1	24.09	24.00	23.99	22.98	22.89	22.88
			1	104	23.34	23.47	23.30	22.23	22.36	22.19
			50	25	23.56	23.50	23.44	22.45	22.39	22.33
			100	0	22.93	22.97	22.91	21.82	21.86	21.80
		DFT-s QPSK	1	1	22.91	23.46	23.61	21.80	22.35	22.50
			1	104	23.64	23.43	23.60	22.53	22.32	22.49
			50	25	23.52	23.51	23.44	22.41	22.40	22.33
			100	0	22.46	22.51	22.44	21.35	21.40	21.33
		DFT-s 16QAM	1	1	22.71	22.37	22.34	21.60	21.26	21.23
		DFT-s 64QAM	1	1	20.76	20.75	20.30	19.65	19.64	19.19
		DFT-s 256QAM	1	1	18.84	19.27	18.82	17.73	18.16	17.71
		CP QPSK	1	1	21.76	21.67	21.76	20.65	20.56	20.65
		CP 16QAM	1	1	21.66	21.04	21.08	20.55	19.93	19.97
		CP 64QAM	1	1	20.08	20.16	19.90	18.97	19.05	18.79
CP 256QAM	1	1	16.96	16.57	16.41	15.85	15.46	15.30		

5G NR Band n7 : 2500 to 2570 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-1.11		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			2		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	502500	507000	511500	502500	507000	511500
					2512.5	2535	2557.5	2512.5	2535	2557.5
25	15	DFT-s PI/2 BPSK	1	1	24.08	24.00	24.09	22.97	22.89	22.98
			1	131	23.26	23.52	23.37	22.15	22.41	22.26
			64	32	23.50	23.53	23.46	22.39	22.42	22.35
			128	0	23.00	22.97	22.93	21.89	21.86	21.82
		DFT-s QPSK	1	1	23.53	23.38	23.22	22.42	22.27	22.11
			1	131	23.41	23.43	23.23	22.30	22.32	22.12
			64	32	23.50	23.51	23.43	22.39	22.40	22.32
			128	0	22.53	22.48	22.53	21.42	21.37	21.42
		DFT-s 16QAM	1	1	22.41	22.28	22.26	21.30	21.17	21.15
		DFT-s 64QAM	1	1	20.99	20.72	20.46	19.88	19.61	19.35
		DFT-s 256QAM	1	1	19.03	18.61	18.63	17.92	17.50	17.52
		CP QPSK	1	1	21.85	21.65	21.71	20.74	20.54	20.60
		CP 16QAM	1	1	21.28	21.37	21.39	20.17	20.26	20.28
		CP 64QAM	1	1	20.15	20.00	19.94	19.04	18.89	18.83
CP 256QAM	1	1	16.90	16.74	16.70	15.79	15.63	15.59		

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5G NR Band n7 : 2500 to 2570 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-1.11		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			2		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	503000	507000	511000	503000	507000	511000
					2515	2535	2555	2515	2535	2555
30	15	DFT-s PI/2 BPSK	1	1	24.11	23.99	24.10	23.00	22.88	22.99
			1	158	23.52	23.52	23.54	22.41	22.41	22.43
			80	40	23.58	23.50	23.53	22.47	22.39	22.42
			160	0	23.02	23.03	23.09	21.91	21.92	21.98
		DFT-s QPSK	1	1	23.62	23.50	23.48	22.51	22.39	22.37
			1	158	23.50	23.58	23.57	22.39	22.47	22.46
			80	40	23.54	23.51	23.58	22.43	22.40	22.47
			160	0	22.55	22.47	22.57	21.44	21.36	21.46
		DFT-s 16QAM	1	1	22.44	22.25	22.28	21.33	21.14	21.17
		DFT-s 64QAM	1	1	20.93	20.82	20.44	19.82	19.71	19.33
		DFT-s 256QAM	1	1	18.78	18.61	18.69	17.67	17.50	17.58
		CP QPSK	1	1	21.90	21.68	21.84	20.79	20.57	20.73
		CP 16QAM	1	1	21.40	21.53	21.11	20.29	20.42	20.00
		CP 64QAM	1	1	19.91	19.78	19.27	18.80	18.67	18.16
CP 256QAM	1	1	16.84	16.73	16.79	15.73	15.62	15.68		

5G NR Band n7 : 2500 to 2570 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-1.11		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			2		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	504000	507000	510000	504000	507000	510000
					2520	2535	2550	2520	2535	2550
40	15	DFT-s PI/2 BPSK	1	1	24.25	24.12	24.16	23.14	23.01	23.05
			1	214	24.15	23.99	24.08	23.04	22.88	22.97
			108	54	24.15	23.91	23.99	23.04	22.80	22.88
			216	0	23.71	23.63	23.63	22.60	22.52	22.52
		DFT-s QPSK	1	1	24.08	24.02	24.02	22.97	22.91	22.91
			1	214	24.12	24.03	24.04	23.01	22.92	22.93
			108	54	24.17	24.03	24.07	23.06	22.92	22.96
			216	0	23.09	22.95	23.00	21.98	21.84	21.89
		DFT-s 16QAM	1	1	23.13	22.99	23.05	22.02	21.88	21.94
		DFT-s 64QAM	1	1	21.71	21.57	21.53	20.60	20.46	20.42
		DFT-s 256QAM	1	1	19.66	19.54	19.50	18.55	18.43	18.39
		CP QPSK	1	1	21.88	21.83	21.86	20.77	20.72	20.75
		CP 16QAM	1	1	21.38	21.69	21.27	20.27	20.58	20.16
		CP 64QAM	1	1	20.01	19.89	19.41	18.90	18.78	18.30
CP 256QAM	1	1	16.53	16.82	16.87	15.42	15.71	15.76		

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5G NR Band n12 : 699 to 716 MHz					Conducted Average (dBm)			ERP (dBm)		
Antenna Gain(dBi)			-5.33		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			3		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	140300	141500	142700	140300	141500	142700
					701.5	707.5	713.5	701.5	707.5	713.5
5	15	DFT-s PI/2 BPSK	1	1	22.93	22.92	22.91	15.45	15.44	15.43
			1	23	22.51	22.58	22.45	15.03	15.10	14.97
			12	6	22.60	22.58	22.55	15.12	15.10	15.07
			25	0	22.06	22.07	21.97	14.58	14.59	14.49
		DFT-s QPSK	1	1	22.50	21.49	22.61	15.02	14.01	15.13
			1	23	22.45	22.54	22.48	14.97	15.06	15.00
			12	6	21.59	22.58	22.51	14.11	15.10	15.03
			25	0	21.62	21.54	21.56	14.14	14.06	14.08
		DFT-s 16QAM	1	1	20.29	21.49	20.50	12.81	14.01	13.02
		DFT-s 64QAM	1	1	20.55	20.65	20.22	13.07	13.17	12.74
		DFT-s 256QAM	1	1	18.05	18.99	19.05	10.57	11.51	11.57
		CP QPSK	1	1	20.91	20.68	21.23	13.43	13.20	13.75
		CP 16QAM	1	1	20.69	20.65	21.02	13.21	13.17	13.54
		CP 64QAM	1	1	19.64	19.89	19.41	12.16	12.41	11.93
CP 256QAM	1	1	19.41	17.03	16.65	11.93	9.55	9.17		

5G NR Band n12 : 699 to 716 MHz					Conducted Average (dBm)			ERP (dBm)		
Antenna Gain(dBi)			-5.33		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			3		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	140800	141500	142200	140800	141500	142200
					704	707.5	711	704	707.5	711
10	15	DFT-s PI/2 BPSK	1	1	22.94	22.91	22.85	15.46	15.43	15.37
			1	50	22.71	22.23	22.47	15.23	14.75	14.99
			25	12	22.54	22.57	22.58	15.06	15.09	15.10
			50	0	22.54	22.05	22.16	15.06	14.57	14.68
		DFT-s QPSK	1	1	22.54	21.55	21.59	15.06	14.07	14.11
			1	50	22.28	22.41	22.36	14.80	14.93	14.88
			25	12	22.48	22.61	22.58	15.00	15.13	15.10
			50	0	21.63	21.61	21.67	14.15	14.13	14.19
		DFT-s 16QAM	1	1	21.89	21.93	21.92	14.41	14.45	14.44
		DFT-s 64QAM	1	1	20.70	20.43	20.39	13.22	12.95	12.91
		DFT-s 256QAM	1	1	18.13	18.07	18.37	10.65	10.59	10.89
		CP QPSK	1	1	21.13	20.99	21.68	13.65	13.51	14.20
		CP 16QAM	1	1	20.56	20.86	21.03	13.08	13.38	13.55
		CP 64QAM	1	1	19.46	19.59	18.90	11.98	12.11	11.42
CP 256QAM	1	1	16.05	16.17	16.01	8.57	8.69	8.53		

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5G NR Band n12 : 699 to 716 MHz					Conducted Average (dBm)			ERP (dBm)		
Antenna Gain(dBi)			-5.33		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			3		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	141300	141500	141700	141300	141500	141700
					706.5	707.5	708.5	706.5	707.5	708.5
15	15	DFT-s PI/2 BPSK	1	1	23.08	23.02	23.05	15.60	15.54	15.57
			1	77	22.88	22.88	22.92	15.40	15.40	15.44
			36	18	22.95	22.87	22.84	15.47	15.39	15.36
			75	0	22.58	22.51	22.53	15.10	15.03	15.05
		DFT-s QPSK	1	1	22.97	22.87	22.95	15.49	15.39	15.47
			1	77	22.94	22.90	22.98	15.46	15.42	15.50
			36	18	22.84	22.95	22.91	15.36	15.47	15.43
		75	0	21.92	21.85	21.89	14.44	14.37	14.41	
		DFT-s 16QAM	1	1	21.96	21.89	21.94	14.48	14.41	14.46
		DFT-s 64QAM	1	1	20.46	20.37	20.39	12.98	12.89	12.91
		DFT-s 256QAM	1	1	18.53	18.39	18.47	11.05	10.91	10.99
		CP QPSK	1	1	20.04	20.24	21.25	12.56	12.76	13.77
		CP 16QAM	1	1	21.14	20.95	21.47	13.66	13.47	13.99
		CP 64QAM	1	1	19.33	19.59	19.21	11.85	12.11	11.73
CP 256QAM	1	1	16.57	16.47	16.83	9.09	8.99	9.35		
5G NR Band n25 : 1850 to 1915 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-3.6		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			2		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	370500	376500	382500	370500	376500	382500
					1852.5	1882.5	1912.5	1852.5	1882.5	1912.5
5	15	DFT-s PI/2 BPSK	1	1	22.83	22.95	22.75	19.23	19.35	19.15
			1	23	22.80	22.70	22.62	19.20	19.10	19.02
			12	6	22.84	22.67	22.52	19.24	19.07	18.92
			25	0	22.06	22.15	22.07	18.46	18.55	18.47
		DFT-s QPSK	1	1	22.57	22.55	22.89	18.97	18.95	19.29
			1	23	22.74	22.56	22.67	19.14	18.96	19.07
			12	6	22.52	22.61	22.55	18.92	19.01	18.95
		25	0	21.61	21.60	21.47	18.01	18.00	17.87	
		DFT-s 16QAM	1	1	21.57	21.75	21.92	17.97	18.15	18.32
		DFT-s 64QAM	1	1	19.89	20.06	19.82	16.29	16.46	16.22
		DFT-s 256QAM	1	1	18.58	18.09	18.39	14.98	14.49	14.79
		CP QPSK	1	1	21.82	21.66	21.05	18.22	18.06	17.45
		CP 16QAM	1	1	20.33	20.73	20.72	16.73	17.13	17.12
		CP 64QAM	1	1	19.56	19.40	19.45	15.96	15.80	15.85
CP 256QAM	1	1	17.45	17.57	17.59	13.85	13.97	13.99		

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5G NR Band n25 : 1850 to 1915 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-3.6		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			2		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	371000	376500	382000	371000	376500	382000
					1855	1882.5	1910	1855	1882.5	1910
10	15	DFT-s PI/2 BPSK	1	1	22.68	22.74	22.75	19.08	19.14	19.15
			1	50	22.59	22.68	22.60	18.99	19.08	19.00
			25	12	22.54	22.64	22.55	18.94	19.04	18.95
			50	0	22.09	22.16	22.03	18.49	18.56	18.43
		DFT-s QPSK	1	1	22.73	22.48	22.53	19.13	18.88	18.93
			1	50	22.68	22.40	22.48	19.08	18.80	18.88
			25	12	22.63	22.67	22.50	19.03	19.07	18.90
			50	0	21.60	21.75	21.58	18.00	18.15	17.98
		DFT-s 16QAM	1	1	21.19	21.36	21.64	17.59	17.76	18.04
		DFT-s 64QAM	1	1	20.05	20.14	20.68	16.45	16.54	17.08
		DFT-s 256QAM	1	1	18.57	18.92	18.13	14.97	15.32	14.53
		CP QPSK	1	1	21.39	20.26	21.82	17.79	16.66	18.22
		CP 16QAM	1	1	20.35	20.59	20.98	16.75	16.99	17.38
		CP 64QAM	1	1	19.47	19.53	19.79	15.87	15.93	16.19
CP 256QAM	1	1	18.79	8.95	18.75	15.19	5.35	15.15		
5G NR Band n25 : 1850 to 1915 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-3.6		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			2		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	371500	376500	381500	371500	376500	381500
					1857.5	1882.5	1907.5	1857.5	1882.5	1907.5
15	15	DFT-s PI/2 BPSK	1	1	22.82	22.66	22.98	19.22	19.06	19.38
			1	77	22.73	22.81	22.63	19.13	19.21	19.03
			36	18	22.79	22.76	22.62	19.19	19.16	19.02
			75	0	22.27	22.28	22.15	18.67	18.68	18.55
		DFT-s QPSK	1	1	22.85	22.92	22.74	19.25	19.32	19.14
			1	77	22.53	22.75	22.77	18.93	19.15	19.17
			36	18	22.68	22.79	22.67	19.08	19.19	19.07
			75	0	21.66	21.79	21.72	18.06	18.19	18.12
		DFT-s 16QAM	1	1	21.94	21.99	21.68	18.34	18.39	18.08
		DFT-s 64QAM	1	1	20.92	20.77	20.20	17.32	17.17	16.60
		DFT-s 256QAM	1	1	19.24	19.07	19.31	15.64	15.47	15.71
		CP QPSK	1	1	21.16	21.37	21.59	17.56	17.77	17.99
		CP 16QAM	1	1	20.23	20.89	20.10	16.63	17.29	16.50
		CP 64QAM	1	1	19.87	19.50	19.63	16.27	15.90	16.03
CP 256QAM	1	1	18.39	18.55	19.22	14.79	14.95	15.62		

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5G NR Band n25 : 1850 to 1915 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-3.6		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			2		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	372000	376500	381000	372000	376500	381000
					1860	1882.5	1905	1860	1882.5	1905
20	15	DFT-s PI/2 BPSK	1	1	22.88	22.79	22.51	19.28	19.19	18.91
			1	104	22.80	22.63	22.52	19.20	19.03	18.92
			50	25	22.24	22.80	22.68	18.64	19.20	19.08
			100	0	22.35	22.29	22.17	18.75	18.69	18.57
		DFT-s QPSK	1	1	22.57	22.87	21.77	18.97	19.27	18.17
			1	104	22.54	22.80	22.68	18.94	19.20	19.08
			50	25	22.86	22.83	22.76	19.26	19.23	19.16
			100	0	21.79	21.82	21.69	18.19	18.22	18.09
		DFT-s 16QAM	1	1	21.28	21.13	21.83	17.68	17.53	18.23
		DFT-s 64QAM	1	1	20.45	20.05	20.50	16.85	16.45	16.90
		DFT-s 256QAM	1	1	18.05	18.36	18.10	14.45	14.76	14.50
		CP QPSK	1	1	21.31	21.14	21.17	17.71	17.54	17.57
		CP 16QAM	1	1	20.96	20.98	20.72	17.36	17.38	17.12
		CP 64QAM	1	1	19.80	19.66	19.36	16.20	16.06	15.76
CP 256QAM	1	1	17.19	17.24	17.28	13.59	13.64	13.68		
5G NR Band n25 : 1850 to 1915 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-3.6		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			2		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	372500	376500	380500	372500	376500	380500
					1862.5	1882.5	1902.5	1862.5	1882.5	1902.5
25	15	DFT-s PI/2 BPSK	1	1	22.93	22.82	22.87	19.33	19.22	19.27
			1	131	22.73	22.70	22.57	19.13	19.10	18.97
			64	32	22.75	22.79	22.64	19.15	19.19	19.04
			128	0	22.32	22.35	22.15	18.72	18.75	18.55
		DFT-s QPSK	1	1	22.84	22.68	22.61	19.24	19.08	19.01
			1	131	22.53	22.35	22.58	18.93	18.75	18.98
			64	32	22.81	22.87	22.64	19.21	19.27	19.04
			128	0	21.82	21.87	21.69	18.22	18.27	18.09
		DFT-s 16QAM	1	1	21.49	21.85	21.75	17.89	18.25	18.15
		DFT-s 64QAM	1	1	20.02	20.39	20.22	16.42	16.79	16.62
		DFT-s 256QAM	1	1	19.35	19.47	19.53	15.75	15.87	15.93
		CP QPSK	1	1	21.10	20.99	21.40	17.50	17.39	17.80
		CP 16QAM	1	1	20.64	20.47	20.84	17.04	16.87	17.24
		CP 64QAM	1	1	19.35	19.40	19.93	15.75	15.80	16.33
CP 256QAM	1	1	18.39	18.44	18.49	14.79	14.84	14.89		

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5G NR Band n25 : 1850 to 1915 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-3.6		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			2		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	373000	376500	380000	373000	376500	380000
					1865	1882.5	1900	1865	1882.5	1900
30	15	DFT-s PI/2 BPSK	1	1	22.69	22.96	22.89	19.09	19.36	19.29
			1	158	22.91	22.78	22.80	19.31	19.18	19.20
			80	40	22.70	22.82	22.83	19.10	19.22	19.23
			160	0	22.32	22.37	22.29	18.72	18.77	18.69
		DFT-s QPSK	1	1	22.68	22.73	22.56	19.08	19.13	18.96
			1	158	22.79	22.86	22.81	19.19	19.26	19.21
			80	40	22.76	22.80	22.83	19.16	19.20	19.23
			160	0	21.81	21.89	21.81	18.21	18.29	18.21
		DFT-s 16QAM	1	1	21.39	21.78	21.93	17.79	18.18	18.33
		DFT-s 64QAM	1	1	20.25	20.23	20.74	16.65	16.63	17.14
		DFT-s 256QAM	1	1	19.74	19.42	19.62	16.14	15.82	16.02
		CP QPSK	1	1	21.53	21.06	21.19	17.93	17.46	17.59
		CP 16QAM	1	1	20.75	20.61	20.76	17.15	17.01	17.16
		CP 64QAM	1	1	19.33	19.65	19.44	15.73	16.05	15.84
CP 256QAM	1	1	18.73	18.32	18.39	15.13	14.72	14.79		

5G NR Band n25 : 1850 to 1915 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-3.6		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			2		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	374000	376500	379000	374000	519000	379000
					1870	1882.5	1895	1870	2595	1895
40	15	DFT-s PI/2 BPSK	1	1	22.88	22.83	22.78	19.28	19.23	19.18
			1	214	22.86	22.85	22.70	19.26	19.25	19.10
			108	54	22.79	22.79	22.82	19.19	19.19	19.22
			216	0	22.36	22.42	22.34	18.76	18.82	18.74
		DFT-s QPSK	1	1	22.79	22.84	22.76	19.19	19.24	19.16
			1	214	22.28	22.08	22.77	18.68	18.48	19.17
			108	54	22.79	22.84	22.83	19.19	19.24	19.23
			216	0	21.83	21.88	21.89	18.23	18.28	18.29
		DFT-s 16QAM	1	1	21.81	21.84	21.89	18.21	18.24	18.29
		DFT-s 64QAM	1	1	20.20	20.49	20.47	16.60	16.89	16.87
		DFT-s 256QAM	1	1	19.46	19.08	19.23	15.86	15.48	15.63
		CP QPSK	1	1	21.62	21.12	21.45	18.02	17.52	17.85
		CP 16QAM	1	1	20.95	20.63	20.80	17.35	17.03	17.20
		CP 64QAM	1	1	19.41	19.54	19.36	15.81	15.94	15.76
CP 256QAM	1	1	18.55	18.22	18.41	14.95	14.62	14.81		

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5G NR Band n66 : 1710 to 1780 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-2.74		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			1		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	342500	349000	355500	342500	349000	355500
					1712.5	1745	1777.5	1712.5	1745	1777.5
5	15	DFT-s PI/2 BPSK	1	1	23.19	23.14	23.26	20.45	20.40	20.52
			1	23	23.01	22.94	23.07	20.27	20.20	20.33
			12	6	22.95	22.89	23.08	20.21	20.15	20.34
			25	0	22.64	22.57	22.47	19.90	19.83	19.73
		DFT-s QPSK	1	1	23.04	23.10	23.12	20.30	20.36	20.38
			1	23	22.91	22.84	23.01	20.17	20.10	20.27
			12	6	22.86	22.95	22.90	20.12	20.21	20.16
			25	0	22.52	22.56	22.41	19.78	19.82	19.67
		DFT-s 16QAM	1	1	21.63	21.67	21.72	18.89	18.93	18.98
		DFT-s 64QAM	1	1	20.58	20.60	20.71	17.84	17.86	17.97
		DFT-s 256QAM	1	1	18.71	18.42	18.39	15.97	15.68	15.65
		CP QPSK	1	1	21.66	21.54	21.71	18.92	18.80	18.97
		CP 16QAM	1	1	20.58	20.61	20.77	17.84	17.87	18.03
		CP 64QAM	1	1	19.52	19.67	19.55	16.78	16.93	16.81
CP 256QAM	1	1	18.41	18.25	18.22	15.67	15.51	15.48		

5G NR Band n66 : 1710 to 1780 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-2.74		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			1		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	343000	349000	355000	343000	349000	355000
					1715	1745	1775	1715	1745	1775
10	15	DFT-s PI/2 BPSK	1	1	23.23	23.21	23.28	20.49	20.47	20.54
			1	50	23.19	23.10	23.15	20.45	20.36	20.41
			25	12	23.06	23.02	23.08	20.32	20.28	20.34
			50	0	22.67	22.61	22.62	19.93	19.87	19.88
		DFT-s QPSK	1	1	23.15	23.17	23.20	20.41	20.43	20.46
			1	50	23.04	22.95	23.00	20.30	20.21	20.26
			25	12	22.96	23.05	22.94	20.22	20.31	20.20
			50	0	22.52	22.57	22.46	19.78	19.83	19.72
		DFT-s 16QAM	1	1	21.63	21.58	21.74	18.89	18.84	19.00
		DFT-s 64QAM	1	1	20.81	20.83	20.77	18.07	18.09	18.03
		DFT-s 256QAM	1	1	18.62	18.57	18.41	15.88	15.83	15.67
		CP QPSK	1	1	21.55	21.61	21.57	18.81	18.87	18.83
		CP 16QAM	1	1	20.51	20.71	20.48	17.77	17.97	17.74
		CP 64QAM	1	1	19.62	19.54	19.67	16.88	16.80	16.93
CP 256QAM	1	1	18.43	18.37	18.33	15.69	15.63	15.59		

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5G NR Band n66 : 1710 to 1780 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-2.74		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			1		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	343500	349000	354500	343500	349000	354500
					1717.5	1745	1772.5	1717.5	1745	1772.5
15	15	DFT-s PI/2 BPSK	1	1	23.35	23.09	23.22	20.61	20.35	20.48
			1	77	23.16	23.01	23.12	20.42	20.27	20.38
			36	18	23.08	23.07	23.04	20.34	20.33	20.30
			75	0	22.71	22.64	22.78	19.97	19.90	20.04
		DFT-s QPSK	1	1	23.27	23.05	23.18	20.53	20.31	20.44
			1	77	23.13	22.82	23.01	20.39	20.08	20.27
			36	18	22.97	23.01	22.86	20.23	20.27	20.12
			75	0	22.68	22.64	22.61	19.94	19.90	19.87
		DFT-s 16QAM	1	1	21.65	21.71	21.64	18.91	18.97	18.90
		DFT-s 64QAM	1	1	20.73	20.64	20.78	17.99	17.90	18.04
		DFT-s 256QAM	1	1	18.61	18.42	18.55	15.87	15.68	15.81
		CP QPSK	1	1	21.41	21.25	21.13	18.67	18.51	18.39
		CP 16QAM	1	1	20.55	20.47	20.60	17.81	17.73	17.86
		CP 64QAM	1	1	19.41	19.53	19.48	16.67	16.79	16.74
CP 256QAM	1	1	18.32	18.50	18.39	15.58	15.76	15.65		

5G NR Band n66 : 1710 to 1780 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-2.74		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			1		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	344000	349000	354000	344000	349000	354000
					1720	1745	1770	1720	1745	1770
20	15	DFT-s PI/2 BPSK	1	1	23.21	23.09	23.23	20.47	20.35	20.49
			1	104	23.17	22.97	23.18	20.43	20.23	20.44
			50	25	23.03	23.01	23.09	20.29	20.27	20.35
			100	0	22.64	22.42	22.76	19.90	19.68	20.02
		DFT-s QPSK	1	1	23.01	23.02	23.17	20.27	20.28	20.43
			1	104	22.96	22.99	23.04	20.22	20.25	20.30
			50	25	22.87	22.84	23.00	20.13	20.10	20.26
			100	0	22.47	22.34	22.51	19.73	19.60	19.77
		DFT-s 16QAM	1	1	21.52	21.41	21.46	18.78	18.67	18.72
		DFT-s 64QAM	1	1	20.81	20.55	20.62	18.07	17.81	17.88
		DFT-s 256QAM	1	1	18.71	18.54	18.62	15.97	15.80	15.88
		CP QPSK	1	1	21.45	21.50	21.61	18.71	18.76	18.87
		CP 16QAM	1	1	20.72	20.55	20.68	17.98	17.81	17.94
		CP 64QAM	1	1	19.66	19.72	19.34	16.92	16.98	16.60
CP 256QAM	1	1	18.46	18.59	18.43	15.72	15.85	15.69		

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5G NR Band n66 : 1710 to 1780 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-2.74		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			1		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	344500	349000	353500	344500	349000	353500
					1722.5	1745	1767.5	1722.5	1745	1767.5
25	15	DFT-s PI/2 BPSK	1	1	23.30	23.18	23.17	20.56	20.44	20.43
			1	131	23.20	23.08	23.10	20.46	20.34	20.36
			64	32	23.06	22.99	23.01	20.32	20.25	20.27
			128	0	22.91	22.81	22.75	20.17	20.07	20.01
		DFT-s QPSK	1	1	23.22	23.10	23.13	20.48	20.36	20.39
			1	131	23.11	23.00	23.02	20.37	20.26	20.28
			64	32	22.95	22.89	22.77	20.21	20.15	20.03
			128	0	22.48	22.54	22.66	19.74	19.80	19.92
		DFT-s 16QAM	1	1	22.56	22.71	22.63	19.82	19.97	19.89
		DFT-s 64QAM	1	1	20.71	20.66	20.74	17.97	17.92	18.00
		DFT-s 256QAM	1	1	18.62	18.37	18.55	15.88	15.63	15.81
		CP QPSK	1	1	21.55	21.64	21.48	18.81	18.90	18.74
		CP 16QAM	1	1	20.67	20.73	20.52	17.93	17.99	17.78
		CP 64QAM	1	1	19.54	19.41	19.38	16.80	16.67	16.64
CP 256QAM	1	1	18.42	18.36	18.21	15.68	15.62	15.47		

5G NR Band n66 : 1710 to 1780 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-2.74		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			1		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	345000	349000	353000	345000	349000	353000
					1725	1745	1765	1725	1745	1765
30	15	DFT-s PI/2 BPSK	1	1	23.23	23.10	23.19	20.49	20.36	20.45
			1	158	23.18	23.05	23.11	20.44	20.31	20.37
			80	40	23.09	22.98	23.02	20.35	20.24	20.28
			160	0	22.76	22.54	22.67	20.02	19.80	19.93
		DFT-s QPSK	1	1	23.20	23.08	23.15	20.46	20.34	20.41
			1	158	23.11	23.00	23.04	20.37	20.26	20.30
			80	40	23.05	23.04	23.06	20.31	20.30	20.32
			160	0	22.48	22.37	22.56	19.74	19.63	19.82
		DFT-s 16QAM	1	1	22.46	22.37	22.55	19.72	19.63	19.81
		DFT-s 64QAM	1	1	20.79	20.58	20.41	18.05	17.84	17.67
		DFT-s 256QAM	1	1	19.03	18.56	18.61	16.29	15.82	15.87
		CP QPSK	1	1	21.86	21.77	21.92	19.12	19.03	19.18
		CP 16QAM	1	1	20.75	20.63	20.85	18.01	17.89	18.11
		CP 64QAM	1	1	19.92	19.73	19.82	17.18	16.99	17.08
CP 256QAM	1	1	18.88	18.43	18.52	16.14	15.69	15.78		

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5G NR Band n66 : 1710 to 1780 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-2.74		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			1		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	346000	349000	352000	346000	349000	352000
					1730	1745	1760	1730	1745	1760
40	15	DFT-s PI/2 BPSK	1	1	23.38	23.26	23.35	20.64	20.52	20.61
			1	214	23.35	23.16	23.24	20.61	20.42	20.50
			108	54	23.19	23.12	23.18	20.45	20.38	20.44
			216	0	22.82	22.72	22.82	20.08	19.98	20.08
		DFT-s QPSK	1	1	23.24	23.19	23.28	20.50	20.45	20.54
			1	214	23.22	23.16	23.21	20.48	20.42	20.47
			108	54	23.27	23.14	23.22	20.53	20.40	20.48
			216	0	22.22	22.09	22.19	19.48	19.35	19.45
		DFT-s 16QAM	1	1	22.26	22.13	22.24	19.52	19.39	19.50
		DFT-s 64QAM	1	1	20.69	20.62	20.71	17.95	17.88	17.97
		DFT-s 256QAM	1	1	18.79	18.68	18.77	16.05	15.94	16.03
		CP QPSK	1	1	21.95	22.02	21.90	19.21	19.28	19.16
		CP 16QAM	1	1	20.85	21.02	21.10	18.11	18.28	18.36
		CP 64QAM	1	1	19.86	19.98	19.92	17.12	17.24	17.18
CP 256QAM	1	1	18.81	18.76	18.67	16.07	16.02	15.93		
5G NR Band n71 : 663 to 698 MHz					Conducted Average (dBm)			ERP (dBm)		
Antenna Gain(dBi)			-7.43		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			3		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	133100	136100	139100	133100	136100	139100
					665.5	680.5	695.5	665.5	680.5	695.5
5	15	DFT-s PI/2 BPSK	1	1	22.79	22.36	23.62	13.21	12.78	14.04
			1	23	23.37	22.81	22.56	13.79	13.23	12.98
			12	6	23.30	23.02	22.85	13.72	13.44	13.27
			25	0	22.87	22.51	22.27	13.29	12.93	12.69
		DFT-s QPSK	1	1	22.65	23.19	21.71	13.07	13.61	12.13
			1	23	22.51	23.12	22.51	12.93	13.54	12.93
			12	6	23.36	23.06	22.87	13.78	13.48	13.29
			25	0	22.36	22.01	21.76	12.78	12.43	12.18
		DFT-s 16QAM	1	1	21.78	21.66	20.53	12.20	12.08	10.95
		DFT-s 64QAM	1	1	21.00	19.97	19.93	11.42	10.39	10.35
		DFT-s 256QAM	1	1	18.55	18.63	18.71	8.97	9.05	9.13
		CP QPSK	1	1	21.39	21.80	21.29	11.81	12.22	11.71
		CP 16QAM	1	1	21.31	21.46	20.91	11.73	11.88	11.33
		CP 64QAM	1	1	20.07	20.01	19.35	10.49	10.43	9.77
CP 256QAM	1	1	16.47	16.53	16.29	6.89	6.95	6.71		

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5G NR Band n71 : 663 to 698 MHz					Conducted Average (dBm)			ERP (dBm)		
Antenna Gain(dBi)			-7.43		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			3		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	133600	136100	138600	133600	136100	138600
					668	680.5	693	668	680.5	693
10	15	DFT-s PI/2 BPSK	1	1	21.76	23.16	23.30	12.18	13.58	13.72
			1	50	23.25	22.92	22.73	13.67	13.34	13.15
			25	12	22.89	23.05	22.83	13.31	13.47	13.25
			50	0	22.90	22.51	22.39	13.32	12.93	12.81
		DFT-s QPSK	1	1	22.01	22.07	22.22	12.43	12.49	12.64
			1	50	22.72	22.87	23.15	13.14	13.29	13.57
			25	12	23.01	23.07	22.87	13.43	13.49	13.29
		50	0	22.39	22.01	21.88	12.81	12.43	12.30	
		DFT-s 16QAM	1	1	21.82	21.37	21.96	12.24	11.79	12.38
		DFT-s 64QAM	1	1	20.48	20.85	20.40	10.90	11.27	10.82
		DFT-s 256QAM	1	1	18.46	18.48	18.20	8.88	8.90	8.62
		CP QPSK	1	1	21.78	21.81	21.29	12.20	12.23	11.71
		CP 16QAM	1	1	20.70	20.22	20.57	11.12	10.64	10.99
		CP 64QAM	1	1	18.82	19.78	19.64	9.24	10.20	10.06
CP 256QAM	1	1	16.91	16.35	16.77	7.33	6.77	7.19		

5G NR Band n71 : 663 to 698 MHz					Conducted Average (dBm)			ERP (dBm)		
Antenna Gain(dBi)			-7.43		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			3		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	134100	136100	138100	134100	136100	138100
					670.5	680.5	690.5	670.5	680.5	690.5
15	15	DFT-s PI/2 BPSK	1	1	22.81	22.45	23.54	13.23	12.87	13.96
			1	77	23.39	22.95	22.83	13.81	13.37	13.25
			36	18	22.71	23.30	23.09	13.13	13.72	13.51
			75	0	22.92	22.74	22.51	13.34	13.16	12.93
		DFT-s QPSK	1	1	22.58	22.59	22.03	13.00	13.01	12.45
			1	77	23.24	23.29	22.66	13.66	13.71	13.08
			36	18	23.39	23.25	23.03	13.81	13.67	13.45
		75	0	22.45	22.23	21.97	12.87	12.65	12.39	
		DFT-s 16QAM	1	1	22.71	22.35	22.18	13.13	12.77	12.60
		DFT-s 64QAM	1	1	20.61	20.22	20.16	11.03	10.64	10.58
		DFT-s 256QAM	1	1	18.35	18.98	18.88	8.77	9.40	9.30
		CP QPSK	1	1	21.53	21.11	21.52	11.95	11.53	11.94
		CP 16QAM	1	1	20.89	20.77	20.85	11.31	11.19	11.27
		CP 64QAM	1	1	19.14	19.60	19.80	9.56	10.02	10.22
CP 256QAM	1	1	17.80	17.10	16.65	8.22	7.52	7.07		

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5G NR Band n71 : 663 to 698 MHz					Conducted Average (dBm)			ERP (dBm)		
Antenna Gain(dBi)			-7.43		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			3		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	134600	136100	137600	134600	136100	137600
					673	680.5	688	673	680.5	688
20	15	DFT-s PI/2 BPSK	1	1	23.37	23.41	23.64	13.79	13.83	14.06
			1	104	23.07	22.99	22.89	13.49	13.41	13.31
			50	25	23.32	23.22	23.08	13.74	13.64	13.50
			100	0	22.93	22.79	22.56	13.35	13.21	12.98
		DFT-s QPSK	1	1	22.71	23.25	23.45	13.13	13.67	13.87
			1	104	23.31	22.98	22.98	13.73	13.40	13.40
			50	25	23.48	23.35	23.15	13.90	13.77	13.57
			100	0	22.50	22.33	22.12	12.92	12.75	12.54
		DFT-s 16QAM	1	1	22.29	22.14	22.53	12.71	12.56	12.95
		DFT-s 64QAM	1	1	21.21	20.92	20.68	11.63	11.34	11.10
		DFT-s 256QAM	1	1	18.68	18.63	18.39	9.10	9.05	8.81
		CP QPSK	1	1	21.91	21.75	21.30	12.33	12.17	11.72
		CP 16QAM	1	1	20.16	20.55	20.22	10.58	10.97	10.64
		CP 64QAM	1	1	19.08	19.15	19.79	9.50	9.57	10.21
CP 256QAM	1	1	16.78	16.77	16.29	7.20	7.19	6.71		
5G NR Band n38: 2570 to 2620 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-1.11		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			2		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	515000	519000	523000	515000	519000	523000
					2575	2595	2615	2575	2595	2615
10	30	DFT-s PI/2 BPSK	1	1	23.86	23.92	24.04	22.75	22.81	22.93
			1	22	23.09	23.10	22.62	21.98	21.99	21.51
			12	6	22.18	22.32	22.44	21.07	21.21	21.33
			24	0	22.75	22.11	22.15	21.64	21.00	21.04
		DFT-s QPSK	1	1	23.28	23.89	23.23	22.17	22.78	22.12
			1	22	22.50	23.86	22.53	21.39	22.75	21.42
			12	6	22.66	22.20	22.18	21.55	21.09	21.07
			24	0	22.78	22.35	22.05	21.67	21.24	20.94
		DFT-s 16QAM	1	1	21.98	21.93	21.97	20.87	20.82	20.86
		DFT-s 64QAM	1	1	20.75	20.73	20.22	19.64	19.62	19.11
		DFT-s 256QAM	1	1	19.16	19.34	19.62	18.05	18.23	18.51
		CP QPSK	1	1	21.24	20.80	21.32	20.13	19.69	20.21
		CP 16QAM	1	1	20.82	20.05	20.79	19.71	18.94	19.68
		CP 64QAM	1	1	19.01	19.94	19.48	17.90	18.83	18.37
CP 256QAM	1	1	18.49	18.69	18.18	17.38	17.58	17.07		

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5G NR Band n38: 2570 to 2620 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-1.11		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			2		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	515500	519000	522500	515500	519000	522500
					2577.5	2595	2612.5	2577.5	2595	2612.5
15	30	DFT-s PI/2 BPSK	1	1	23.91	23.98	23.97	22.80	22.87	22.86
			1	36	23.33	22.31	23.01	22.22	21.20	21.90
			18	9	22.31	22.54	22.95	21.20	21.43	21.84
			36	0	22.92	22.61	22.25	21.81	21.50	21.14
		DFT-s QPSK	1	1	23.14	23.39	23.25	22.03	22.28	22.14
			1	36	23.03	23.38	22.26	21.92	22.27	21.15
			18	9	22.30	22.55	22.07	21.19	21.44	20.96
		DFT-s 16QAM	36	0	22.22	22.50	22.31	21.11	21.39	21.20
			1	1	21.25	21.12	21.76	20.14	20.01	20.65
			1	1	20.38	20.11	20.59	19.27	19.00	19.48
		DFT-s 64QAM	1	1	20.38	20.11	20.59	19.27	19.00	19.48
		DFT-s 256QAM	1	1	19.05	19.70	19.36	17.94	18.59	18.25
		CP QPSK	1	1	20.56	21.30	20.51	19.45	20.19	19.40
CP 16QAM	1	1	20.77	20.17	20.88	19.66	19.06	19.77		
CP 64QAM	1	1	19.07	19.75	19.52	17.96	18.64	18.41		
CP 256QAM	1	1	18.17	17.96	17.61	17.06	16.85	16.50		

5G NR Band n38: 2570 to 2620 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-1.11		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			2		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	516000	519000	522000	516000	519000	522000
					2580	2595	2610	2580	2595	2610
20	30	DFT-s PI/2 BPSK	1	1	23.90	23.91	23.99	22.79	22.80	22.88
			1	49	23.32	22.12	23.88	22.21	21.01	22.77
			25	12	22.71	22.13	22.38	21.60	21.02	21.27
			50	0	22.08	22.78	22.59	20.97	21.67	21.48
		DFT-s QPSK	1	1	23.88	23.42	23.72	22.77	22.31	22.61
			1	49	23.31	22.01	23.12	22.20	20.90	22.01
			25	12	22.89	22.89	22.83	21.78	21.78	21.72
		DFT-s 16QAM	50	0	22.65	22.60	22.62	21.54	21.49	21.51
			1	1	21.68	21.84	21.73	20.57	20.73	20.62
			1	1	20.57	20.23	20.06	19.46	19.12	18.95
		DFT-s 64QAM	1	1	20.57	20.23	20.06	19.46	19.12	18.95
		DFT-s 256QAM	1	1	19.74	19.77	19.01	18.63	18.66	17.90
		CP QPSK	1	1	21.38	21.36	20.34	20.27	20.25	19.23
CP 16QAM	1	1	20.18	20.37	20.67	19.07	19.26	19.56		
CP 64QAM	1	1	19.93	19.55	19.27	18.82	18.44	18.16		
CP 256QAM	1	1	17.57	18.89	18.21	16.46	17.78	17.10		

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5G NR Band n38: 2570 to 2620 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-1.11		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			2		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	517000	519000	521000	517000	519000	521000
					2585	2595	2605	2585	2595	2605
30	30	DFT-s PI/2 BPSK	1	1	23.95	23.85	23.08	22.84	22.74	21.97
			1	76	23.14	23.88	22.34	22.03	22.77	21.23
			36	18	22.90	22.43	22.49	21.79	21.32	21.38
			75	0	22.05	22.83	22.34	20.94	21.72	21.23
		DFT-s QPSK	1	1	23.85	23.14	23.85	22.74	22.03	22.74
			1	76	22.64	23.10	23.37	21.53	21.99	22.26
			36	18	22.88	22.93	22.62	21.77	21.82	21.51
		DFT-s 16QAM	75	0	22.14	22.45	22.24	21.03	21.34	21.13
			1	1	21.60	21.97	21.96	20.49	20.86	20.85
			1	1	20.78	20.96	20.22	19.67	19.85	19.11
		DFT-s 64QAM	1	1	19.47	19.38	19.25	18.36	18.27	18.14
		DFT-s 256QAM	1	1	21.41	20.71	21.35	20.30	19.60	20.24
		CP QPSK	1	1	20.38	20.97	20.32	19.27	19.86	19.21
CP 16QAM	1	1	19.72	19.00	19.53	18.61	17.89	18.42		
CP 64QAM	1	1	18.51	17.96	17.46	17.40	16.85	16.35		
CP 256QAM	1	1								

5G NR Band n38: 2570 to 2620 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-1.11		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			2		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	518000	519000	520000	518000	519000	520000
					2590	2595	2600	2590	2595	2600
40	30	DFT-s PI/2 BPSK	1	1	24.02	24.04	24.12	22.91	22.93	23.01
			1	104	23.88	23.92	23.99	22.77	22.81	22.88
			50	25	23.83	23.97	24.00	22.72	22.86	22.89
			100	0	23.50	23.49	23.56	22.39	22.38	22.45
		DFT-s QPSK	1	1	23.90	23.88	24.00	22.79	22.77	22.89
			1	104	23.91	23.95	24.02	22.80	22.84	22.91
			50	25	23.84	23.86	24.00	22.73	22.75	22.89
		DFT-s 16QAM	100	0	22.86	22.87	22.96	21.75	21.76	21.85
			1	1	22.90	22.91	23.01	21.79	21.80	21.90
			1	1	21.35	21.38	21.51	20.24	20.27	20.40
		DFT-s 64QAM	1	1	19.41	19.47	19.52	18.30	18.36	18.41
		DFT-s 256QAM	1	1	20.43	21.57	21.61	19.32	20.46	20.50
		CP QPSK	1	1	20.20	20.74	20.30	19.09	19.63	19.19
CP 16QAM	1	1	19.13	19.85	19.45	18.02	18.74	18.34		
CP 64QAM	1	1	17.22	18.72	17.70	16.11	17.61	16.59		
CP 256QAM	1	1								

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FCC 5G NR Band n41: 2496 to 2690 MHz IC 5G NR Band n41: 2500 to 2690 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-0.35		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			2		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	500202	518598	537000	500202	518598	537000
					2501.01	2592.99	2685	2501.01	2592.99	2685
10	30	DFT-s PI/2 BPSK	1	1	23.41	23.29	23.44	23.06	22.94	23.09
			1	22	23.29	23.10	23.20	22.94	22.75	22.85
			12	6	22.47	22.94	22.41	22.12	22.59	22.06
			24	0	22.58	22.15	22.88	22.23	21.80	22.53
		DFT-s QPSK	1	1	23.12	23.11	23.41	22.77	22.76	23.06
			1	22	23.34	23.08	22.30	22.99	22.73	21.95
			12	6	22.35	22.47	22.29	22.00	22.12	21.94
			24	0	22.29	22.79	22.88	21.94	22.44	22.53
		DFT-s 16QAM	1	1	21.55	21.65	21.72	21.20	21.30	21.37
		DFT-s 64QAM	1	1	20.60	20.97	20.57	20.25	20.62	20.22
		DFT-s 256QAM	1	1	19.38	19.56	19.80	19.03	19.21	19.45
		CP QPSK	1	1	20.39	21.29	20.08	20.04	20.94	19.73
		CP 16QAM	1	1	20.19	20.66	20.25	19.84	20.31	19.90
CP 64QAM	1	1	19.09	19.25	19.49	18.74	18.90	19.14		
CP 256QAM	1	1	17.81	17.37	18.93	17.46	17.02	18.58		

FCC 5G NR Band n41: 2496 to 2690 MHz IC 5G NR Band n41: 2500 to 2690 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-0.35		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			2		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	500700	518598	536496	500700	518598	536496
					2503.5	2592.99	2682.48	2503.5	2592.99	2682.48
15	30	DFT-s PI/2 BPSK	1	1	23.35	23.39	23.34	23.00	23.04	22.99
			1	36	22.56	22.81	22.08	22.21	22.46	21.73
			18	9	22.77	22.11	22.06	22.42	21.76	21.71
			36	0	22.21	22.99	22.83	21.86	22.64	22.48
		DFT-s QPSK	1	1	23.18	23.00	23.10	22.83	22.65	22.75
			1	36	22.26	23.15	22.90	21.91	22.80	22.55
			18	9	22.63	22.00	22.75	22.28	21.65	22.40
			36	0	22.06	22.55	22.34	21.71	22.20	21.99
		DFT-s 16QAM	1	1	21.56	21.32	21.61	21.21	20.97	21.26
		DFT-s 64QAM	1	1	20.99	20.07	20.70	20.64	19.72	20.35
		DFT-s 256QAM	1	1	19.08	19.89	19.35	18.73	19.54	19.00
		CP QPSK	1	1	21.14	20.09	21.02	20.79	19.74	20.67
		CP 16QAM	1	1	20.44	20.23	20.07	20.09	19.88	19.72
CP 64QAM	1	1	19.70	19.67	19.04	19.35	19.32	18.69		
CP 256QAM	1	1	18.88	18.81	18.38	18.53	18.46	18.03		

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FCC 5G NR Band n41: 2496 to 2690 MHz IC 5G NR Band n41: 2500 to 2690 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-0.35		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			2		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	501204	518598	535998	501204	518598	535998
					2506.02	2592.99	2679.99	2506.02	2592.99	2679.99
20	30	DFT-s PI/2 BPSK	1	1	23.44	23.27	23.36	23.09	22.92	23.01
			1	49	22.59	23.33	23.43	22.24	22.98	23.08
			25	12	22.08	22.19	22.20	21.73	21.84	21.85
			50	0	22.30	22.20	22.18	21.95	21.85	21.83
		DFT-s QPSK	1	1	22.89	23.18	23.13	22.54	22.83	22.78
			1	49	22.90	22.78	22.93	22.55	22.43	22.58
			25	12	22.10	22.36	23.00	21.75	22.01	22.65
			50	0	22.62	22.50	22.69	22.27	22.15	22.34
		DFT-s 16QAM	1	1	21.83	21.72	21.67	21.48	21.37	21.32
		DFT-s 64QAM	1	1	20.69	20.70	20.40	20.34	20.35	20.05
		DFT-s 256QAM	1	1	19.80	19.64	19.19	19.45	19.29	18.84
		CP QPSK	1	1	21.94	20.75	20.37	21.59	20.40	20.02
		CP 16QAM	1	1	20.31	20.43	21.00	19.96	20.08	20.65
CP 64QAM	1	1	19.24	19.01	19.18	18.89	18.66	18.83		
CP 256QAM	1	1	17.66	18.52	18.62	17.31	18.17	18.27		
FCC 5G NR Band n41: 2496 to 2690 MHz IC 5G NR Band n41: 2500 to 2690 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-0.35		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			2		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	502200	518598	534996	502200	518598	534996
					2511	2592.99	2674.98	2511	2592.99	2674.98
30	30	DFT-s PI/2 BPSK	1	1	23.42	23.34	23.39	23.07	22.99	23.04
			1	76	22.25	22.59	23.22	21.90	22.24	22.87
			36	18	22.47	22.19	22.88	22.12	21.84	22.53
			75	0	22.22	22.32	22.57	21.87	21.97	22.22
		DFT-s QPSK	1	1	23.32	23.08	23.38	22.97	22.73	23.03
			1	76	22.13	22.67	22.94	21.78	22.32	22.59
			36	18	22.53	22.62	22.37	22.18	22.27	22.02
			75	0	22.19	22.02	22.30	21.84	21.67	21.95
		DFT-s 16QAM	1	1	21.05	21.63	21.19	20.70	21.28	20.84
		DFT-s 64QAM	1	1	20.40	20.91	20.26	20.05	20.56	19.91
		DFT-s 256QAM	1	1	19.74	19.30	19.64	19.39	18.95	19.29
		CP QPSK	1	1	21.87	20.38	21.00	21.52	20.03	20.65
		CP 16QAM	1	1	20.29	20.05	20.73	19.94	19.70	20.38
CP 64QAM	1	1	19.01	19.12	19.00	18.66	18.77	18.65		
CP 256QAM	1	1	18.67	17.36	18.08	18.32	17.01	17.73		

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FCC 5G NR Band n41: 2496 to 2690 MHz IC 5G NR Band n41: 2500 to 2690 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-0.35		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			2		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	503202	518598	534000	503202	518598	534000
					2516.01	2592.99	2670	2516.01	2592.99	2670
40	30	DFT-s PI/2 BPSK	1	1	23.44	23.37	23.38	23.09	23.02	23.03
			1	104	22.38	23.09	23.00	22.03	22.74	22.65
			50	25	22.50	22.74	22.48	22.15	22.39	22.13
			100	0	22.20	22.88	22.57	21.85	22.53	22.22
		DFT-s QPSK	1	1	23.26	23.10	23.35	22.91	22.75	23.00
			1	104	22.94	23.13	22.39	22.59	22.78	22.04
			50	25	22.05	22.91	22.62	21.70	22.56	22.27
		100	0	22.10	22.38	22.54	21.75	22.03	22.19	
		DFT-s 16QAM	1	1	21.71	21.67	21.68	21.36	21.32	21.33
		DFT-s 64QAM	1	1	20.94	20.29	20.35	20.59	19.94	20.00
		DFT-s 256QAM	1	1	19.32	19.94	19.41	18.97	19.59	19.06
		CP QPSK	1	1	20.70	20.88	21.13	20.35	20.53	20.78
		CP 16QAM	1	1	20.22	20.30	20.74	19.87	19.95	20.39
CP 64QAM	1	1	19.90	19.43	19.61	19.55	19.08	19.26		
CP 256QAM	1	1	18.83	17.70	18.64	18.48	17.35	18.29		

FCC 5G NR Band n41: 2496 to 2690 MHz IC 5G NR Band n41: 2500 to 2690 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-0.35		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			2		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	504204	518598	532998	504204	518598	532998
					2521.02	2592.99	2664.99	2521.02	2592.99	2664.99
50	30	DFT-s PI/2 BPSK	1	1	23.33	23.33	23.37	22.98	22.98	23.02
			1	131	23.18	22.58	22.10	22.83	22.23	21.75
			64	32	22.26	22.67	22.65	21.91	22.32	22.30
			128	0	22.60	22.20	22.90	22.25	21.85	22.55
		DFT-s QPSK	1	1	23.20	23.34	23.22	22.85	22.99	22.87
			1	131	23.15	22.19	23.27	22.80	21.84	22.92
			64	32	22.47	22.19	22.15	22.12	21.84	21.80
		128	0	22.20	23.00	22.70	21.85	22.65	22.35	
		DFT-s 16QAM	1	1	21.99	21.87	21.65	21.64	21.52	21.30
		DFT-s 64QAM	1	1	20.03	20.65	20.26	19.68	20.30	19.91
		DFT-s 256QAM	1	1	19.41	19.05	19.70	19.06	18.70	19.35
		CP QPSK	1	1	21.18	21.63	21.35	20.83	21.28	21.00
		CP 16QAM	1	1	20.67	20.45	20.23	20.32	20.10	19.88
CP 64QAM	1	1	19.72	19.90	19.10	19.37	19.55	18.75		
CP 256QAM	1	1	18.33	18.88	17.70	17.98	18.53	17.35		

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FCC 5G NR Band n41: 2496 to 2690 MHz IC 5G NR Band n41: 2500 to 2690 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-0.35		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			2		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	505200	518598	531996	505200	518598	531996
					2526	2592.99	2659.98	2526	2592.99	2659.98
60	30	DFT-s PI/2 BPSK	1	1	23.44	23.35	23.40	23.09	23.00	23.05
			1	160	22.76	23.25	22.86	22.41	22.90	22.51
			81	40	22.73	22.12	22.34	22.38	21.77	21.99
			162	0	22.76	22.23	22.84	22.41	21.88	22.49
		DFT-s QPSK	1	1	23.17	23.40	23.37	22.82	23.05	23.02
			1	160	22.83	22.13	23.31	22.48	21.78	22.96
			81	40	22.53	22.68	22.99	22.18	22.33	22.64
		162	0	22.73	22.00	22.96	22.38	21.65	22.61	
		DFT-s 16QAM	1	1	21.44	21.10	21.79	21.09	20.75	21.44
		DFT-s 64QAM	1	1	20.94	20.72	20.35	20.59	20.37	20.00
		DFT-s 256QAM	1	1	19.02	19.08	19.01	18.67	18.73	18.66
		CP QPSK	1	1	21.75	20.62	21.61	21.40	20.27	21.26
		CP 16QAM	1	1	20.88	20.96	20.61	20.53	20.61	20.26
CP 64QAM	1	1	19.93	19.81	19.09	19.58	19.46	18.74		
CP 256QAM	1	1	17.97	18.20	18.72	17.62	17.85	18.37		

FCC 5G NR Band n41: 2496 to 2690 MHz IC 5G NR Band n41: 2500 to 2690 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-0.35		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			2		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	506202	518598	531000	506202	518598	531000
					2531.01	2592.99	2655	2531.01	2592.99	2655
70	30	DFT-s PI/2 BPSK	1	1	23.43	23.33	23.41	23.08	22.98	23.06
			1	187	22.64	23.15	23.11	22.29	22.80	22.76
			90	45	22.39	22.65	22.46	22.04	22.30	22.11
			180	0	22.66	22.66	22.01	22.31	22.31	21.66
		DFT-s QPSK	1	1	23.09	23.07	23.02	22.74	22.72	22.67
			1	187	22.71	23.17	22.61	22.36	22.82	22.26
			90	45	22.65	22.43	22.81	22.30	22.08	22.46
		180	0	22.46	22.05	22.04	22.11	21.70	21.69	
		DFT-s 16QAM	1	1	21.90	21.01	21.45	21.55	20.66	21.10
		DFT-s 64QAM	1	1	20.44	20.21	20.10	20.09	19.86	19.75
		DFT-s 256QAM	1	1	19.14	19.72	19.13	18.79	19.37	18.78
		CP QPSK	1	1	21.58	21.32	20.75	21.23	20.97	20.40
		CP 16QAM	1	1	20.69	20.43	20.21	20.34	20.08	19.86
CP 64QAM	1	1	19.13	19.91	19.75	18.78	19.56	19.40		
CP 256QAM	1	1	17.98	17.07	17.48	17.63	16.72	17.13		

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FCC 5G NR Band n41: 2496 to 2690 MHz IC 5G NR Band n41: 2500 to 2690 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-0.35		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			2		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	507204	518598	529998	507204	518598	529998
					2536.02	2592.99	2649.99	2536.02	2592.99	2649.99
80	30	DFT-s PI/2 BPSK	1	1	23.42	23.33	23.43	23.07	22.98	23.08
			1	215	22.77	23.19	23.37	22.42	22.84	23.02
			108	54	22.13	22.38	22.67	21.78	22.03	22.32
			216	0	22.58	22.71	22.94	22.23	22.36	22.59
		DFT-s QPSK	1	1	23.23	23.31	23.36	22.88	22.96	23.01
			1	215	22.68	23.21	22.03	22.33	22.86	21.68
			108	54	22.48	22.18	22.53	22.13	21.83	22.18
		216	0	22.86	22.99	22.31	22.51	22.64	21.96	
		DFT-s 16QAM	1	1	21.42	21.39	21.44	21.07	21.04	21.09
		DFT-s 64QAM	1	1	20.76	20.07	20.13	20.41	19.72	19.78
		DFT-s 256QAM	1	1	19.51	19.71	19.57	19.16	19.36	19.22
		CP QPSK	1	1	21.42	21.91	20.02	21.07	21.56	19.67
		CP 16QAM	1	1	20.21	20.72	20.07	19.86	20.37	19.72
CP 64QAM	1	1	19.29	19.29	19.51	18.94	18.94	19.16		
CP 256QAM	1	1	17.56	18.08	17.16	17.21	17.73	16.81		

FCC 5G NR Band n41: 2496 to 2690 MHz IC 5G NR Band n41: 2500 to 2690 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-0.35		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			2		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	508200	518598	528996	508200	518598	528996
					2541	2592.99	2644.98	2541	2592.99	2644.98
90	30	DFT-s PI/2 BPSK	1	1	23.39	23.35	23.42	23.04	23.00	23.07
			1	243	23.19	22.87	22.97	22.84	22.52	22.62
			120	60	22.57	22.20	22.90	22.22	21.85	22.55
			243	0	22.92	22.77	22.56	22.57	22.42	22.21
		DFT-s QPSK	1	1	23.39	23.03	23.07	23.04	22.68	22.72
			1	243	22.91	23.18	23.11	22.56	22.83	22.76
			120	60	22.23	22.93	22.42	21.88	22.58	22.07
		243	0	22.94	22.89	22.34	22.59	22.54	21.99	
		DFT-s 16QAM	1	1	21.80	21.17	21.35	21.45	20.82	21.00
		DFT-s 64QAM	1	1	20.48	20.87	20.79	20.13	20.52	20.44
		DFT-s 256QAM	1	1	19.27	19.45	19.60	18.92	19.10	19.25
		CP QPSK	1	1	20.38	21.89	21.99	20.03	21.54	21.64
		CP 16QAM	1	1	20.33	20.04	20.36	19.98	19.69	20.01
CP 64QAM	1	1	19.76	19.72	19.93	19.41	19.37	19.58		
CP 256QAM	1	1	18.59	18.18	17.78	18.24	17.83	17.43		

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FCC 5G NR Band n41: 2496 to 2690 MHz IC 5G NR Band n41: 2500 to 2690 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-0.35		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			2		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	509202	518598	528000	509202	518598	528000
					2546.01	2592.99	2640	2546.01	2592.99	2640
100	30	DFT-s PI/2 BPSK	1	1	23.54	23.46	23.51	23.19	23.11	23.16
			1	271	23.37	23.30	23.37	23.02	22.95	23.02
			135	67	23.41	23.20	23.45	23.06	22.85	23.10
			270	0	23.01	22.93	23.02	22.66	22.58	22.67
		DFT-s QPSK	1	1	23.49	23.27	23.38	23.14	22.92	23.03
			1	271	23.37	23.37	23.42	23.02	23.02	23.07
			135	67	23.39	23.28	23.35	23.04	22.93	23.00
		DFT-s 16QAM	270	0	22.38	22.29	22.35	22.03	21.94	22.00
			1	1	22.42	22.33	22.40	22.07	21.98	22.05
			1	1	20.87	20.86	20.85	20.52	20.51	20.50
		DFT-s 64QAM	1	1	18.85	18.88	18.89	18.50	18.53	18.54
		DFT-s 256QAM	1	1	21.11	21.01	20.93	20.76	20.66	20.58
		CP QPSK	1	1	20.60	20.83	20.27	20.25	20.48	19.92
CP 16QAM	1	1	19.95	19.19	19.47	19.60	18.84	19.12		
CP 64QAM	1	1	18.16	18.83	18.50	17.81	18.48	18.15		
CP 256QAM	1	1								

5G NR Band n77_Part27: 3450 to 3550 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-5.75		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			1		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	630334	633334	636332	630334	633334	636332
					3455.01	3500.01	3544.98	3455.01	3500.01	3544.98
10	30	DFT-s PI/2 BPSK	1	1	23.84	23.62	23.67	18.09	17.87	17.92
			1	22	22.08	23.59	22.64	16.33	17.84	16.89
			12	6	22.93	22.75	22.73	17.18	17.00	16.98
			24	0	22.31	22.76	22.87	16.56	17.01	17.12
		DFT-s QPSK	1	1	23.55	23.58	23.26	17.80	17.83	17.51
			1	22	22.94	22.26	22.35	17.19	16.51	16.60
			12	6	22.18	22.54	22.77	16.43	16.79	17.02
		DFT-s 16QAM	24	0	22.04	22.99	22.08	16.29	17.24	16.33
			1	1	21.49	21.64	21.01	15.74	15.89	15.26
			1	1	20.07	20.92	21.00	14.32	15.17	15.25
		DFT-s 64QAM	1	1	19.68	19.59	19.90	13.93	13.84	14.15
		DFT-s 256QAM	1	1	20.01	21.17	21.04	14.26	15.42	15.29
		CP QPSK	1	1	20.75	20.48	20.76	15.00	14.73	15.01
CP 16QAM	1	1	19.00	19.31	19.93	13.25	13.56	14.18		
CP 64QAM	1	1	18.78	17.70	17.38	13.03	11.95	11.63		
CP 256QAM	1	1								

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5G NR Band n77_Part27: 3450 to 3550 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-5.75		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			1		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	630500	633334	636166	630500	633334	636166
					3457.5	3500.01	3542.49	3457.5	3500.01	3542.49
15	30	DFT-s PI/2 BPSK	1	1	23.79	23.09	23.29	18.04	17.34	17.54
			1	36	22.14	22.73	22.41	16.39	16.98	16.66
			18	9	22.77	22.39	22.01	17.02	16.64	16.26
			36	0	22.91	22.28	22.80	17.16	16.53	17.05
		DFT-s QPSK	1	1	23.15	23.57	23.46	17.40	17.82	17.71
			1	36	22.91	23.37	23.14	17.16	17.62	17.39
			18	9	22.65	22.38	22.80	16.90	16.63	17.05
			36	0	22.14	22.05	22.30	16.39	16.30	16.55
		DFT-s 16QAM	1	1	21.41	21.76	21.18	15.66	16.01	15.43
		DFT-s 64QAM	1	1	20.40	20.11	20.31	14.65	14.36	14.56
		DFT-s 256QAM	1	1	19.38	19.12	19.11	13.63	13.37	13.36
		CP QPSK	1	1	20.68	20.57	20.19	14.93	14.82	14.44
		CP 16QAM	1	1	20.34	20.93	20.45	14.59	15.18	14.70
		CP 64QAM	1	1	19.54	19.59	19.51	13.79	13.84	13.76
CP 256QAM	1	1	18.71	18.93	18.87	12.96	13.18	13.12		

5G NR Band n77_Part27: 3450 to 3550 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-5.75		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			1		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	630668	633334	636000	630668	633334	636000
					3460.02	3500.01	3540	3460.02	3500.01	3540
20	30	DFT-s PI/2 BPSK	1	1	23.37	23.61	23.65	17.62	17.86	17.90
			1	49	22.53	23.35	22.79	16.78	17.60	17.04
			25	12	22.02	22.08	22.32	16.27	16.33	16.57
			50	0	22.87	22.51	22.14	17.12	16.76	16.39
		DFT-s QPSK	1	1	23.09	23.33	23.53	17.34	17.58	17.78
			1	49	22.63	22.78	22.50	16.88	17.03	16.75
			25	12	22.94	22.53	22.28	17.19	16.78	16.53
		50	0	22.06	22.15	22.03	16.31	16.40	16.28	
		DFT-s 16QAM	1	1	21.66	21.00	21.65	15.91	15.25	15.90
		DFT-s 64QAM	1	1	20.02	20.77	20.59	14.27	15.02	14.84
		DFT-s 256QAM	1	1	19.55	19.78	19.20	13.80	14.03	13.45
		CP QPSK	1	1	20.65	21.61	21.85	14.90	15.86	16.10
		CP 16QAM	1	1	20.32	20.08	20.88	14.57	14.33	15.13
		CP 64QAM	1	1	19.35	19.49	19.17	13.60	13.74	13.42
CP 256QAM	1	1	18.60	18.78	18.69	12.85	13.03	12.94		

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5G NR Band n77_Part27: 3450 to 3550 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-5.75		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			1		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	631000	633334	635666	631000	633334	635666
					3465	3500.01	3534.99	3465	3500.01	3534.99
30	30	DFT-s PI/2 BPSK	1	1	23.70	23.05	23.40	17.95	17.30	17.65
			1	76	22.57	22.50	22.59	16.82	16.75	16.84
			36	18	22.21	22.92	23.00	16.46	17.17	17.25
			75	0	22.57	22.39	22.76	16.82	16.64	17.01
		DFT-s QPSK	1	1	23.04	23.54	23.16	17.29	17.79	17.41
			1	76	22.94	22.53	23.67	17.19	16.78	17.92
			36	18	22.59	22.84	22.69	16.84	17.09	16.94
		DFT-s 16QAM	75	0	22.88	22.36	22.94	17.13	16.61	17.19
			1	1	21.39	21.12	21.30	15.64	15.37	15.55
			1	1	20.40	20.21	20.91	14.65	14.46	15.16
		DFT-s 64QAM	1	1	19.14	19.92	19.75	13.39	14.17	14.00
		DFT-s 256QAM	1	1	21.68	20.80	20.48	15.93	15.05	14.73
		CP QPSK	1	1	20.84	20.98	20.39	15.09	15.23	14.64
		CP 16QAM	1	1	19.06	19.81	19.28	13.31	14.06	13.53
CP 64QAM	1	1	18.36	18.15	18.51	12.61	12.40	12.76		
CP 256QAM	1	1								

5G NR Band n77_Part27: 3450 to 3550 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-5.75		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			1		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	631334	633334	635332	631334	633334	635332
					3470.01	3500.01	3529.98	3470.01	3500.01	3529.98
40	30	DFT-s PI/2 BPSK	1	1	23.69	23.32	23.37	17.94	17.57	17.62
			1	104	23.00	22.50	22.18	17.25	16.75	16.43
			50	25	22.48	22.53	22.04	16.73	16.78	16.29
			100	0	22.34	22.74	22.16	16.59	16.99	16.41
		DFT-s QPSK	1	1	23.33	23.10	23.05	17.58	17.35	17.30
			1	104	22.71	22.96	22.55	16.96	17.21	16.80
			50	25	22.57	22.27	22.34	16.82	16.52	16.59
		DFT-s 16QAM	100	0	22.45	22.20	22.08	16.70	16.45	16.33
			1	1	21.55	21.24	21.52	15.80	15.49	15.77
			1	1	20.14	20.67	20.01	14.39	14.92	14.26
		DFT-s 64QAM	1	1	19.55	19.64	19.67	13.80	13.89	13.92
		DFT-s 256QAM	1	1	21.10	20.68	20.10	15.35	14.93	14.35
		CP QPSK	1	1	20.03	20.37	20.75	14.28	14.62	15.00
		CP 16QAM	1	1	19.11	19.96	19.10	13.36	14.21	13.35
CP 64QAM	1	1	17.21	18.40	18.68	11.46	12.65	12.93		
CP 256QAM	1	1								

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5G NR Band n77_Part27: 3450 to 3550 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-5.75		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			1		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	631668	633334	635000	631668	633334	635000
					3475.02	3500.01	3525	3475.02	3500.01	3525
50	30	DFT-s PI/2 BPSK	1	1	23.13	23.92	23.00	17.38	18.17	17.25
			1	131	23.88	22.61	22.13	18.13	16.86	16.38
			64	32	22.64	22.59	22.15	16.89	16.84	16.40
			128	0	22.78	22.81	22.91	17.03	17.06	17.16
		DFT-s QPSK	1	1	23.32	23.64	23.14	17.57	17.89	17.39
			1	131	22.04	23.19	22.74	16.29	17.44	16.99
			64	32	22.43	22.57	22.91	16.68	16.82	17.16
			128	0	22.30	22.72	22.11	16.55	16.97	16.36
		DFT-s 16QAM	1	1	21.39	21.34	21.40	15.64	15.59	15.65
		DFT-s 64QAM	1	1	20.96	20.83	20.28	15.21	15.08	14.53
		DFT-s 256QAM	1	1	19.41	19.89	19.42	13.66	14.14	13.67
		CP QPSK	1	1	21.04	20.42	21.25	15.29	14.67	15.50
		CP 16QAM	1	1	20.24	20.93	20.69	14.49	15.18	14.94
		CP 64QAM	1	1	19.67	19.36	19.37	13.92	13.61	13.62
CP 256QAM	1	1	18.94	17.23	17.39	13.19	11.48	11.64		

5G NR Band n77_Part27: 3450 to 3550 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-5.75		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			1		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	632000	633334	634666	632000	633334	634666
					3480	3500.01	3519.99	3480	3500.01	3519.99
60	30	DFT-s PI/2 BPSK	1	1	23.51	23.10	23.19	17.76	17.35	17.44
			1	160	23.36	23.34	23.19	17.61	17.59	17.44
			81	40	22.38	22.10	22.63	16.63	16.35	16.88
			162	0	22.21	22.25	22.91	16.46	16.50	17.16
		DFT-s QPSK	1	1	23.16	23.10	23.04	17.41	17.35	17.29
			1	160	23.49	22.41	23.11	17.74	16.66	17.36
			81	40	23.00	22.35	22.29	17.25	16.60	16.54
			162	0	22.95	22.37	22.31	17.20	16.62	16.56
		DFT-s 16QAM	1	1	21.33	21.08	21.88	15.58	15.33	16.13
		DFT-s 64QAM	1	1	20.75	20.67	20.09	15.00	14.92	14.34
		DFT-s 256QAM	1	1	19.32	19.90	19.58	13.57	14.15	13.83
		CP QPSK	1	1	20.12	21.92	21.00	14.37	16.17	15.25
		CP 16QAM	1	1	20.65	20.88	20.92	14.90	15.13	15.17
		CP 64QAM	1	1	19.88	19.19	19.44	14.13	13.44	13.69
CP 256QAM	1	1	17.89	17.10	17.68	12.14	11.35	11.93		

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5G NR Band n77_Part27: 3450 to 3550 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-5.75		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			1		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	632334	633334	634332	632334	633334	634332
					3485.01	3500.01	3514.98	3485.01	3500.01	3514.98
70	30	DFT-s PI/2 BPSK	1	1	23.17	23.61	23.23	17.42	17.86	17.48
			1	187	22.89	23.00	22.91	17.14	17.25	17.16
			90	45	22.22	22.72	22.89	16.47	16.97	17.14
			180	0	22.42	22.24	22.49	16.67	16.49	16.74
		DFT-s QPSK	1	1	22.79	23.33	23.15	17.04	17.58	17.40
			1	187	22.18	22.67	22.08	16.43	16.92	16.33
			90	45	22.98	22.80	22.39	17.23	17.05	16.64
			180	0	22.84	22.86	22.01	17.09	17.11	16.26
		DFT-s 16QAM	1	1	21.37	21.82	21.88	15.62	16.07	16.13
		DFT-s 64QAM	1	1	20.92	20.23	20.76	15.17	14.48	15.01
		DFT-s 256QAM	1	1	19.27	19.98	19.94	13.52	14.23	14.19
		CP QPSK	1	1	20.92	20.59	20.04	15.17	14.84	14.29
		CP 16QAM	1	1	20.57	20.05	20.48	14.82	14.30	14.73
		CP 64QAM	1	1	19.91	19.10	19.30	14.16	13.35	13.55
CP 256QAM	1	1	18.12	17.44	17.09	12.37	11.69	11.34		

5G NR Band n77_Part27: 3450 to 3550 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-5.75		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			1		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	632668	633334	634000	632668	633334	634000
					3490.02	3500.01	3510	3490.02	3500.01	3510
80	30	DFT-s PI/2 BPSK	1	1	23.89	23.79	23.36	18.14	18.04	17.61
			1	215	22.00	23.56	22.31	16.25	17.81	16.56
			108	54	22.16	22.72	22.82	16.41	16.97	17.07
			216	0	22.36	22.49	22.59	16.61	16.74	16.84
		DFT-s QPSK	1	1	23.43	23.60	23.38	17.68	17.85	17.63
			1	215	23.56	22.70	22.48	17.81	16.95	16.73
			108	54	22.16	22.49	22.51	16.41	16.74	16.76
		216	0	22.63	22.85	22.17	16.88	17.10	16.42	
		DFT-s 16QAM	1	1	21.13	21.61	21.70	15.38	15.86	15.95
		DFT-s 64QAM	1	1	20.43	20.91	20.94	14.68	15.16	15.19
		DFT-s 256QAM	1	1	19.59	19.45	19.94	13.84	13.70	14.19
		CP QPSK	1	1	20.30	21.36	21.60	14.55	15.61	15.85
		CP 16QAM	1	1	20.37	20.93	20.64	14.62	15.18	14.89
		CP 64QAM	1	1	19.65	19.91	19.82	13.90	14.16	14.07
CP 256QAM	1	1	18.51	17.52	17.88	12.76	11.77	12.13		

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5G NR Band n77_Part27: 3450 to 3550 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-5.75		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			1		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	633000	633334	633666	633000	633334	633666
					3495	3500.01	3504.99	3495	3500.01	3504.99
90	30	DFT-s PI/2 BPSK	1	1	23.05	23.19	23.84	17.30	17.44	18.09
			1	243	23.47	22.70	22.95	17.72	16.95	17.20
			120	60	22.09	22.24	22.85	16.34	16.49	17.10
			243	0	22.73	22.25	22.49	16.98	16.50	16.74
		DFT-s QPSK	1	1	23.41	23.72	23.02	17.66	17.97	17.27
			1	243	22.49	22.86	23.27	16.74	17.11	17.52
			120	60	22.07	22.44	22.59	16.32	16.69	16.84
		DFT-s 16QAM	243	0	22.89	22.67	22.17	17.14	16.92	16.42
			1	1	21.72	21.01	21.23	15.97	15.26	15.48
			1	1	20.62	20.43	20.61	14.87	14.68	14.86
		DFT-s 64QAM	1	1	19.91	19.88	19.40	14.16	14.13	13.65
		DFT-s 256QAM	1	1	20.67	20.66	20.45	14.92	14.91	14.70
		CP QPSK	1	1	20.21	20.86	20.75	14.46	15.11	15.00
		CP 16QAM	1	1	19.99	19.06	19.11	14.24	13.31	13.36
CP 64QAM	1	1	18.11	18.84	17.76	12.36	13.09	12.01		
CP 256QAM	1	1								

5G NR Band n77_Part27: 3450 to 3550 MHz					Conducted Average (dBm)		EIRP (dBm)	
Antenna Gain(dBi)			-5.75		Channel (ARFCH)/ Frequency(MHz)		Channel (ARFCH)/ Frequency(MHz)	
EIRP Limit (W)			1		Mid	Mid		
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	633334	633334		
					3500.01	3500.01		
100	30	DFT-s PI/2 BPSK	1	1	23.52	17.77		
			1	271	22.88	17.13		
			135	67	22.15	16.40		
			270	0	22.12	16.37		
		DFT-s QPSK	1	1	23.41	17.66		
			1	271	23.10	17.35		
			135	67	22.43	16.68		
		DFT-s 16QAM	270	0	22.53	16.78		
			1	1	21.47	15.72		
			1	1	20.46	14.71		
		DFT-s 64QAM	1	1	19.04	13.29		
		DFT-s 256QAM	1	1	21.64	15.89		
		CP QPSK	1	1	20.97	15.22		
		CP 16QAM	1	1	19.23	13.48		
CP 64QAM	1	1	17.97	12.22				
CP 256QAM	1	1						

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5G NR Band n77_Part27: 3700 to 3980 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-4.51		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			1		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	647000	656000	665000	647000	656000	665000
					3705	3840	3975	3705	3840	3975
10	30	DFT-s PI/2 BPSK	1	1	23.90	23.62	23.27	19.39	19.11	18.76
			1	22	23.87	23.11	22.78	19.36	18.60	18.27
			12	6	22.30	22.35	22.42	17.79	17.84	17.91
			24	0	22.40	22.39	22.63	17.89	17.88	18.12
		DFT-s QPSK	1	1	23.51	23.40	23.12	19.00	18.89	18.61
			1	22	22.50	22.14	23.15	17.99	17.63	18.64
			12	6	22.94	23.00	22.88	18.43	18.49	18.37
		DFT-s 16QAM	24	0	22.78	22.46	22.73	18.27	17.95	18.22
			1	1	21.14	21.82	21.42	16.63	17.31	16.91
			1	1	20.23	20.99	20.68	15.72	16.48	16.17
		DFT-s 64QAM	1	1	20.23	20.99	20.68	15.72	16.48	16.17
		DFT-s 256QAM	1	1	19.38	19.65	19.84	14.87	15.14	15.33
		CP QPSK	1	1	21.10	21.71	20.01	16.59	17.20	15.50
CP 16QAM	1	1	20.35	20.83	20.50	15.84	16.32	15.99		
CP 64QAM	1	1	19.98	19.99	19.78	15.47	15.48	15.27		
CP 256QAM	1	1	18.93	18.26	18.68	14.42	13.75	14.17		

5G NR Band n77_Part27: 3700 to 3980 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-4.51		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			1		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	647168	656000	664832	647168	656000	664832
					3707.52	3840	3972.48	3707.52	3840	3972.48
15	30	DFT-s PI/2 BPSK	1	1	23.07	23.37	23.89	18.56	18.86	19.38
			1	36	23.54	23.72	23.57	19.03	19.21	19.06
			18	9	22.24	22.60	22.50	17.73	18.09	17.99
			36	0	22.50	22.24	22.69	17.99	17.73	18.18
		DFT-s QPSK	1	1	23.52	23.37	23.05	19.01	18.86	18.54
			1	36	22.22	23.41	23.16	17.71	18.90	18.65
			18	9	22.11	22.80	22.61	17.60	18.29	18.10
		DFT-s 16QAM	36	0	22.02	22.31	22.63	17.51	17.80	18.12
			1	1	21.09	21.55	21.09	16.58	17.04	16.58
			1	1	20.82	21.00	20.11	16.31	16.49	15.60
		DFT-s 64QAM	1	1	20.82	21.00	20.11	16.31	16.49	15.60
		DFT-s 256QAM	1	1	19.11	19.93	19.64	14.60	15.42	15.13
		CP QPSK	1	1	20.50	21.05	21.47	15.99	16.54	16.96
CP 16QAM	1	1	20.60	20.27	20.49	16.09	15.76	15.98		
CP 64QAM	1	1	19.34	20.00	19.57	14.83	15.49	15.06		
CP 256QAM	1	1	18.49	17.06	18.85	13.98	12.55	14.34		

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5G NR Band n77_Part27: 3700 to 3980 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-4.51		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			1		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	647334	656000	664666	647334	656000	664666
					3710.01	3840	3969.99	3710.01	3840	3969.99
20	30	DFT-s PI/2 BPSK	1	1	23.75	23.36	23.71	19.24	18.85	19.20
			1	49	23.48	23.48	22.69	18.97	18.97	18.18
			25	12	22.15	22.35	22.39	17.64	17.84	17.88
			50	0	22.48	22.05	22.67	17.97	17.54	18.16
		DFT-s QPSK	1	1	23.52	23.54	23.60	19.01	19.03	19.09
			1	49	22.82	23.14	22.37	18.31	18.63	17.86
			25	12	22.23	22.41	22.35	17.72	17.90	17.84
		DFT-s 16QAM	50	0	22.49	22.30	22.53	17.98	17.79	18.02
			1	1	21.33	21.60	21.79	16.82	17.09	17.28
			1	1	20.28	20.13	20.06	15.77	15.62	15.55
		DFT-s 64QAM	1	1	19.09	19.45	19.29	14.58	14.94	14.78
		DFT-s 256QAM	1	1	20.06	21.18	21.84	15.55	16.67	17.33
		CP QPSK	1	1	20.08	20.74	20.85	15.57	16.23	16.34
CP 16QAM	1	1	19.33	19.43	19.15	14.82	14.92	14.64		
CP 64QAM	1	1	17.59	17.46	17.72	13.08	12.95	13.21		
CP 256QAM	1	1								

5G NR Band n77_Part27: 3700 to 3980 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-4.51		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			1		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	647668	656000	664332	647668	656000	664332
					3715.02	3840	3964.98	3715.02	3840	3964.98
30	30	DFT-s PI/2 BPSK	1	1	23.51	23.40	23.26	19.00	18.89	18.75
			1	76	22.48	22.19	23.19	17.97	17.68	18.68
			36	18	22.91	22.31	22.86	18.40	17.80	18.35
			75	0	22.95	22.61	22.46	18.44	18.10	17.95
		DFT-s QPSK	1	1	23.37	23.18	23.43	18.86	18.67	18.92
			1	76	23.18	23.00	22.91	18.67	18.49	18.40
			36	18	22.37	22.73	22.54	17.86	18.22	18.03
		DFT-s 16QAM	75	0	22.56	22.62	22.92	18.05	18.11	18.41
			1	1	21.50	21.28	21.25	16.99	16.77	16.74
			1	1	20.32	20.09	20.93	15.81	15.58	16.42
		DFT-s 64QAM	1	1	19.45	19.69	19.75	14.94	15.18	15.24
		DFT-s 256QAM	1	1	20.78	20.96	21.21	16.27	16.45	16.70
		CP QPSK	1	1	20.17	20.35	20.44	15.66	15.84	15.93
CP 16QAM	1	1	19.15	19.38	19.62	14.64	14.87	15.11		
CP 64QAM	1	1	17.98	17.68	17.35	13.47	13.17	12.84		
CP 256QAM	1	1								

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5G NR Band n77_Part27: 3700 to 3980 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-4.51		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			1		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	648000	656000	664000	648000	656000	664000
					3720	3840	3960	3720	3840	3960
40	30	DFT-s PI/2 BPSK	1	1	23.81	23.19	23.21	19.30	18.68	18.70
			1	104	22.66	23.65	22.06	18.15	19.14	17.55
			50	25	22.00	22.21	22.43	17.49	17.70	17.92
			100	0	22.91	22.58	22.33	18.40	18.07	17.82
		DFT-s QPSK	1	1	23.28	23.21	23.07	18.77	18.70	18.56
			1	104	22.40	22.23	23.14	17.89	17.72	18.63
			50	25	22.46	22.40	22.12	17.95	17.89	17.61
		DFT-s 16QAM	100	0	22.78	22.86	22.10	18.27	18.35	17.59
			1	1	21.78	21.76	21.83	17.27	17.25	17.32
			1	1	20.76	20.32	20.69	16.25	15.81	16.18
		DFT-s 64QAM	1	1	19.56	19.08	19.17	15.05	14.57	14.66
		DFT-s 256QAM	1	1	21.04	21.51	20.52	16.53	17.00	16.01
		CP QPSK	1	1	20.02	20.38	20.78	15.51	15.87	16.27
CP 16QAM	1	1	19.02	19.04	19.66	14.51	14.53	15.15		
CP 64QAM	1	1	18.64	18.15	17.13	14.13	13.64	12.62		
CP 256QAM	1	1								

5G NR Band n77_Part27: 3700 to 3980 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-4.51		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			1		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	648334	656000	663666	648334	656000	663666
					3725.01	3840	3954.99	3725.01	3840	3954.99
50	30	DFT-s PI/2 BPSK	1	1	23.91	23.52	23.18	19.40	19.01	18.67
			1	131	23.52	23.81	22.58	19.01	19.30	18.07
			64	32	22.56	22.85	22.86	18.05	18.34	18.35
			128	0	22.22	22.73	22.24	17.71	18.22	17.73
		DFT-s QPSK	1	1	23.53	23.51	23.87	19.02	19.00	19.36
			1	131	22.90	22.84	22.66	18.39	18.33	18.15
			64	32	22.66	22.71	22.03	18.15	18.20	17.52
		DFT-s 16QAM	128	0	22.28	22.56	22.88	17.77	18.05	18.37
			1	1	21.79	21.89	21.90	17.28	17.38	17.39
			1	1	20.47	21.00	20.64	15.96	16.49	16.13
		DFT-s 64QAM	1	1	19.26	19.77	19.49	14.75	15.26	14.98
		DFT-s 256QAM	1	1	21.17	21.75	21.19	16.66	17.24	16.68
		CP QPSK	1	1	20.34	20.21	20.18	15.83	15.70	15.67
CP 16QAM	1	1	19.91	19.95	19.14	15.40	15.44	14.63		
CP 64QAM	1	1	17.90	17.48	18.74	13.39	12.97	14.23		
CP 256QAM	1	1								

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5G NR Band n77_Part27: 3700 to 3980 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-4.51		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			1		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	648668	656000	663332	648668	656000	663332
					3730.02	3840	3949.98	3730.02	3840	3949.98
60	30	DFT-s PI/2 BPSK	1	1	23.39	23.71	23.28	18.88	19.20	18.77
			1	160	23.41	23.42	23.38	18.90	18.91	18.87
			81	40	22.89	22.88	22.29	18.38	18.37	17.78
			162	0	22.14	22.98	22.54	17.63	18.47	18.03
		DFT-s QPSK	1	1	23.05	23.30	23.13	18.54	18.79	18.62
			1	160	22.14	22.96	22.70	17.63	18.45	18.19
			81	40	22.47	22.96	22.96	17.96	18.45	18.45
		DFT-s 16QAM	162	0	22.04	22.19	22.00	17.53	17.68	17.49
			1	1	21.70	21.43	21.03	17.19	16.92	16.52
			1	1	20.60	20.58	20.49	16.09	16.07	15.98
		DFT-s 64QAM	1	1	20.60	20.58	20.49	16.09	16.07	15.98
		DFT-s 256QAM	1	1	19.22	19.00	19.11	14.71	14.49	14.60
		CP QPSK	1	1	20.41	21.22	21.09	15.90	16.71	16.58
		CP 16QAM	1	1	20.03	20.94	20.12	15.52	16.43	15.61
CP 64QAM	1	1	19.03	19.40	19.88	14.52	14.89	15.37		
CP 256QAM	1	1	18.85	17.41	18.11	14.34	12.90	13.60		

5G NR Band n77_Part27: 3700 to 3980 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-4.51		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			1		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	649000	656000	663000	649000	656000	663000
					3735	3840	3945	3735	3840	3945
70	30	DFT-s PI/2 BPSK	1	1	23.55	23.26	23.41	19.04	18.75	18.90
			1	187	23.40	23.04	23.42	18.89	18.53	18.91
			90	45	22.01	22.08	22.49	17.50	17.57	17.98
			180	0	22.90	22.19	22.92	18.39	17.68	18.41
		DFT-s QPSK	1	1	23.49	23.46	23.50	18.98	18.95	18.99
			1	187	23.01	22.64	22.15	18.50	18.13	17.64
			90	45	22.19	22.74	22.38	17.68	18.23	17.87
		DFT-s 16QAM	180	0	22.25	23.00	22.01	17.74	18.49	17.50
			1	1	21.09	21.06	21.98	16.58	16.55	17.47
			1	1	20.49	20.88	20.69	15.98	16.37	16.18
		DFT-s 64QAM	1	1	20.49	20.88	20.69	15.98	16.37	16.18
		DFT-s 256QAM	1	1	19.43	19.23	19.33	14.92	14.72	14.82
		CP QPSK	1	1	21.78	20.98	20.89	17.27	16.47	16.38
		CP 16QAM	1	1	20.24	21.00	20.68	15.73	16.49	16.17
CP 64QAM	1	1	19.09	19.46	19.08	14.58	14.95	14.57		
CP 256QAM	1	1	18.14	17.52	18.52	13.63	13.01	14.01		

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5G NR Band n77_Part27: 3700 to 3980 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-4.51		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			1		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	649334	656000	662666	649334	656000	662666
					3740.01	3840	3939.99	3740.01	3840	3939.99
80	30	DFT-s PI/2 BPSK	1	1	23.02	23.60	23.90	18.51	19.09	19.39
			1	215	22.72	22.14	23.49	18.21	17.63	18.98
			108	54	22.25	22.36	22.81	17.74	17.85	18.30
			216	0	22.77	22.94	22.20	18.26	18.43	17.69
		DFT-s QPSK	1	1	23.10	23.84	23.89	18.59	19.33	19.38
			1	215	22.77	23.80	22.56	18.26	19.29	18.05
			108	54	22.44	22.05	22.85	17.93	17.54	18.34
		DFT-s 16QAM	216	0	22.20	22.52	22.42	17.69	18.01	17.91
			1	1	21.83	21.57	21.03	17.32	17.06	16.52
			1	1	20.57	20.84	20.88	16.06	16.33	16.37
		DFT-s 64QAM	1	1	20.57	20.84	20.88	16.06	16.33	16.37
		DFT-s 256QAM	1	1	19.73	19.00	19.50	15.22	14.49	14.99
		CP QPSK	1	1	20.02	20.13	20.20	15.51	15.62	15.69
		CP 16QAM	1	1	20.31	20.67	20.45	15.80	16.16	15.94
CP 64QAM	1	1	19.31	19.59	19.57	14.80	15.08	15.06		
CP 256QAM	1	1	18.94	17.18	18.21	14.43	12.67	13.70		

5G NR Band n77_Part27: 3700 to 3980 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-4.51		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			1		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	649668	656000	662332	649668	656000	662332
					3745.02	3840	3934.98	3745.02	3840	3934.98
90	30	DFT-s PI/2 BPSK	1	1	23.72	23.09	23.76	19.21	18.58	19.25
			1	243	22.40	22.03	23.21	17.89	17.52	18.70
			120	60	22.31	23.00	23.00	17.80	18.49	18.49
			243	0	22.31	22.64	22.95	17.80	18.13	18.44
		DFT-s QPSK	1	1	23.16	23.74	23.32	18.65	19.23	18.81
			1	243	23.18	22.62	22.20	18.67	18.11	17.69
			120	60	22.90	22.53	22.02	18.39	18.02	17.51
		DFT-s 16QAM	243	0	22.63	22.08	22.29	18.12	17.57	17.78
			1	1	21.62	21.95	21.77	17.11	17.44	17.26
			1	1	20.29	20.11	20.41	15.78	15.60	15.90
		DFT-s 64QAM	1	1	20.29	20.11	20.41	15.78	15.60	15.90
		DFT-s 256QAM	1	1	19.47	19.39	19.18	14.96	14.88	14.67
		CP QPSK	1	1	20.82	21.14	21.30	16.31	16.63	16.79
		CP 16QAM	1	1	20.00	20.56	20.78	15.49	16.05	16.27
CP 64QAM	1	1	19.19	19.68	19.88	14.68	15.17	15.37		
CP 256QAM	1	1	18.24	18.99	17.55	13.73	14.48	13.04		

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5G NR Band n77_Part27: 3700 to 3980 MHz					Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)			-4.51		Channel (ARFCH)/ Frequency(MHz)			Channel (ARFCH)/ Frequency(MHz)		
EIRP Limit (W)			1		Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	650000	656000	662000	650000	656000	662000
					3750	3840	3930	3750	3840	3930
100	30	DFT-s PI/2 BPSK	1	1	23.79	23.01	23.69	19.28	18.50	19.18
			1	271	22.95	22.01	22.95	18.44	17.50	18.44
			135	67	22.16	22.39	22.41	17.65	17.88	17.90
			270	0	22.85	22.48	22.97	18.34	17.97	18.46
		DFT-s QPSK	1	1	23.12	23.00	23.07	18.61	18.49	18.56
			1	271	23.56	23.29	22.23	19.05	18.78	17.72
			135	67	22.95	22.06	22.37	18.44	17.55	17.86
		DFT-s 16QAM	270	0	22.11	22.34	22.20	17.60	17.83	17.69
			1	1	22.00	21.83	21.19	17.49	17.32	16.68
		DFT-s 64QAM	1	1	20.55	20.30	20.86	16.04	15.79	16.35
		DFT-s 256QAM	1	1	19.43	19.14	19.97	14.92	14.63	15.46
		CP QPSK	1	1	21.47	21.87	20.30	16.96	17.36	15.79
		CP 16QAM	1	1	20.66	20.37	20.69	16.15	15.86	16.18
		CP 64QAM	1	1	19.82	19.28	19.84	15.31	14.77	15.33
CP 256QAM	1	1	17.64	17.49	17.29	13.13	12.98	12.78		

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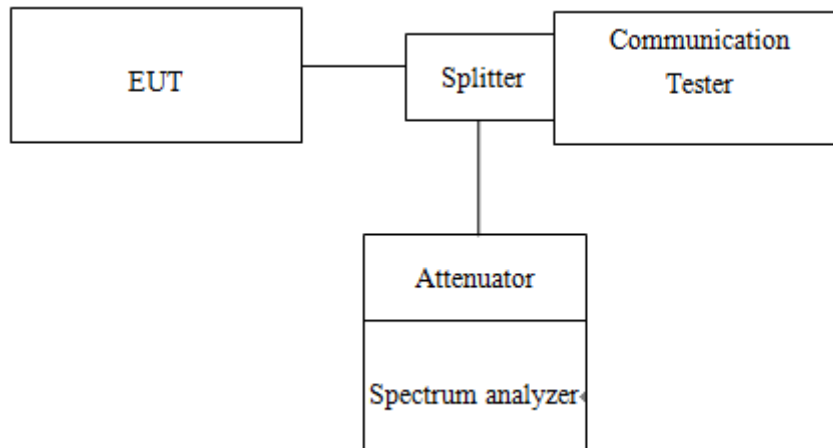
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8 OCCUPIED BANDWIDTH MEASUREMENT

8.1 Standard Applicable

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

8.2 Test Set-up



8.3 Measurement Procedure

99% & 26dB Bandwidth with detector peak

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

8.4 Measurement Result

5G NR BAND n2 Channel bandwidth: 5MHz											
DFT-S-OFDM_SCS 15 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
1852.5	370500	4.4696	4.4629	4.4827	4.4726	4.4639	4.9040	4.9540	5.0250	4.9640	5.0030
1880.0	376000	4.5150	4.4787	4.4733	4.4647	4.4786	4.8110	4.9870	5.0700	4.9230	5.0110
1907.5	381500	4.4797	4.4866	4.4841	4.4725	4.4863	5.0210	5.0200	5.0040	5.0290	5.0230

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5G NR BAND n2 Channel bandwidth: 10MHz											
DFT-S-OFDM_SCS 15 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
1855	371000	8.9197	8.9442	8.9626	8.9409	8.9351	9.6120	9.6020	9.5930	9.7000	9.7280
1880	376000	8.9154	8.9095	8.9389	8.9645	8.9552	9.5040	9.5990	9.6480	9.7240	9.5760
1905	381000	8.8957	8.9619	8.9116	8.9690	8.9143	9.6570	9.5920	9.7010	9.7630	9.6680
5G NR BAND n2 Channel bandwidth: 15MHz											
DFT-S-OFDM_SCS 15 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
1857.5	371500	13.4740	13.4480	13.3910	13.3950	13.3930	14.3700	14.2800	14.2400	14.3000	14.2300
1880.0	376000	13.3860	13.3760	13.4170	13.3930	13.3740	14.2900	14.2200	14.3600	14.2700	14.3300
1902.5	380500	13.4450	13.3820	13.3910	13.3830	13.4110	14.3500	14.1600	14.2500	14.2800	14.3600
5G NR BAND n2 Channel bandwidth: 20MHz											
DFT-S-OFDM_SCS 15 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
1860.0	372000	17.8290	17.8900	17.8720	17.8610	17.8960	18.8200	18.8800	18.9200	18.8100	18.8600
1880.0	376000	17.8770	17.7950	17.8780	17.8740	17.8030	18.8800	18.8000	18.8300	18.7300	18.8900
1900.0	380000	17.8390	17.8700	17.8560	17.8140	17.8360	18.7200	18.9700	18.9000	18.9100	18.7800
5G NR BAND n5 Channel bandwidth: 5MHz											
DFT-S-OFDM_SCS 15 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
826.5	165300	4.4719	4.4697	4.4888	4.4819	4.4697	4.9450	5.0000	5.1010	5.1370	5.0370
836.5	167300	4.4802	4.4820	4.4721	4.4629	4.4743	5.1480	4.9950	5.1000	4.9050	4.9980
846.5	169300	4.4777	4.4868	4.4860	4.4667	4.4759	5.0570	5.0090	4.9860	4.9660	4.9570
5G NR BAND n5 Channel bandwidth: 10MHz											
DFT-S-OFDM_SCS 15 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
829	165800	8.9380	8.9321	8.9465	8.9144	8.9407	9.3790	9.5670	9.6880	9.6070	9.7230
836.5	167300	8.9052	8.9453	8.9585	8.9265	8.9156	9.6570	9.6630	9.6950	9.6190	9.6080
844	168800	8.9220	8.9101	8.9492	8.9638	8.9565	9.4790	9.6240	9.7470	9.7130	9.5620
5G NR BAND n5 Channel bandwidth: 15MHz											
DFT-S-OFDM_SCS 15 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
831.5	166300	13.3840	13.4200	13.4270	13.4030	13.3950	14.2400	14.4000	14.2400	14.2600	14.2400
836.5	167300	13.4000	13.3570	13.4000	13.3820	13.3950	14.1200	14.2400	14.1500	14.2500	14.1500
841.5	168300	13.3790	13.3760	13.3660	13.3910	13.3710	14.4100	14.3300	14.2600	14.3300	14.2900

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5G NR BAND n5 Channel bandwidth: 20MHz											
DFT-S-OFDM_SCS 15 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
834.0	166800	17.8140	17.8530	17.8490	17.8090	17.8490	18.8900	18.8200	18.8600	18.7900	18.9400
836.5	167300	17.8070	17.8840	17.8440	17.8050	17.8070	18.7300	18.8800	18.8900	18.8800	18.8000
839.0	167800	17.8130	17.8150	17.8790	17.8370	17.8470	18.8100	18.8200	18.7400	18.8500	18.8200
5G NR BAND n7 Channel bandwidth: 5MHz											
DFT-S-OFDM_SCS 15 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
2502.5	500500	4.4584	4.4704	4.4639	4.4826	4.4754	4.9960	4.9430	4.8840	4.9690	4.9070
2535.0	507000	4.4714	4.4848	4.4803	4.4620	4.4751	5.1300	5.0250	4.9640	4.9870	4.9300
2567.5	513500	4.4801	4.4802	4.4871	4.4832	4.4673	5.0320	4.9160	5.0170	6.1820	4.9130
5G NR BAND n7 Channel bandwidth: 10MHz											
DFT-S-OFDM_SCS 15 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
2505	501000	8.9072	8.9331	8.9521	8.9331	8.9349	9.6110	9.6550	9.6260	9.6250	9.7000
2535	507000	8.9140	8.9075	8.9404	8.9640	8.9508	9.4800	9.6000	9.6300	9.7240	9.5610
2565	513000	8.8923	8.9587	8.9236	8.9518	8.9208	9.6650	9.6870	9.6970	9.6800	9.6630
5G NR BAND n7 Channel bandwidth: 15MHz											
DFT-S-OFDM_SCS 15 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
2507.5	501500	13.4570	13.4340	13.3940	13.3870	13.3850	14.3800	14.3300	14.3000	14.2000	14.1400
2535.0	507000	13.3760	13.3710	13.4180	13.3850	13.3610	14.2700	14.2900	14.3500	14.1500	14.2700
2562.5	512500	13.4430	13.3820	13.3890	13.3810	13.3980	14.3800	14.1900	14.1900	14.1600	14.2700
5G NR BAND n7 Channel bandwidth: 20MHz											
DFT-S-OFDM_SCS 15 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
2510.0	502000	17.8530	17.9190	17.8620	17.8380	17.8340	18.8000	19.0400	18.9200	18.8400	18.8600
2535.0	507000	17.8730	17.7870	17.8700	17.8670	17.7960	18.8500	18.7800	18.8900	18.8100	18.8500
2560.0	512000	17.8370	17.8410	17.8370	17.7970	17.8240	18.8100	18.9400	18.8200	18.7300	18.8500
5G NR BAND n7 Channel bandwidth: 25MHz											
DFT-S-OFDM_SCS 15 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
2512.5	502500	22.9120	22.9330	22.8910	22.9140	22.9020	24.0600	24.0100	24.2000	24.0100	24.1700
2535.0	507000	22.9110	22.8600	22.8990	22.8180	22.8760	23.9400	24.1000	24.1100	23.8600	24.0600
2557.5	511500	22.8660	22.8250	22.7910	22.7790	22.8040	24.0900	24.0300	24.1100	24.0700	24.0100

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5G NR BAND n7 Channel bandwidth: 30MHz											
DFT-S-OFDM_SCS 15 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
2515.0	503000	28.6070	28.5590	28.5160	28.6060	28.5670	29.8300	29.7900	29.7800	29.7800	29.9900
2535.0	507000	28.5330	28.5840	28.4970	28.5170	28.5410	29.7800	29.8800	29.7100	29.8200	29.7300
2555.0	511000	28.5410	28.4990	28.5060	28.4710	28.6260	29.9600	29.8000	29.7800	29.7100	29.7300
5G NR BAND n7 Channel bandwidth: 40MHz											
DFT-S-OFDM_SCS 15 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
2520.0	504000	38.4540	38.4870	38.4780	38.4870	38.4930	39.8100	40.0500	40.1200	40.0000	40.0700
2535.0	507000	38.4540	38.4740	38.4680	38.5590	38.4750	39.9500	40.1900	40.0600	40.2400	40.0500
2550.0	510000	38.5110	38.5490	38.5250	38.5300	38.5310	40.0000	40.0400	40.0400	40.0300	40.0100
5G NR BAND n12 Channel bandwidth: 5MHz											
DFT-S-OFDM_SCS 15 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
701.5	140300	4.4601	4.4636	4.4661	4.4821	4.4740	5.0560	4.9200	4.9210	4.9460	4.9460
707.5	141500	4.4784	4.4977	4.4722	4.4791	4.4746	4.9590	5.0410	4.9500	4.9360	4.9780
713.5	142700	4.4715	4.4682	4.4909	4.4785	4.4713	4.9330	4.9860	5.1160	5.0900	5.0370
5G NR BAND n12 Channel bandwidth: 10MHz											
DFT-S-OFDM_SCS 15 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
704	140800	8.9221	8.9495	8.9334	8.8911	8.9398	9.5890	9.6830	9.7540	9.5070	9.5790
707.5	141500	8.9272	8.9358	8.9294	8.9060	8.9323	9.3390	9.6220	9.6710	9.5960	9.7710
711	142200	8.9137	8.9456	8.9618	8.9349	8.9300	9.6550	9.6470	9.6430	9.6240	9.7240
5G NR BAND n12 Channel bandwidth: 15MHz											
DFT-S-OFDM_SCS 15 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
706.5	141300	13.3400	13.3660	13.3490	13.3790	13.3500	14.2000	14.3600	14.2100	14.2700	14.2000
707.5	141500	13.3770	13.3780	13.3900	13.4160	13.4050	14.2300	14.2700	14.3500	14.1800	14.2100
708.5	141700	13.4570	13.4330	13.3690	13.3810	13.3860	14.4100	14.2700	14.1800	14.2000	14.2200
5G NR BAND n25 Channel bandwidth: 5MHz											
DFT-S-OFDM_SCS 15 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
1852.5	370500	4.4629	4.4755	4.4981	4.4853	4.4879	4.9580	4.9810	5.0590	5.0530	4.9980
1882.5	376500	4.4591	4.4681	4.4691	4.4855	4.4788	5.0360	5.0110	5.0190	4.9740	5.0220
1912.5	382500	4.4887	4.5037	4.4769	4.4818	4.4714	5.0790	5.1220	4.9920	4.9850	5.0360

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5G NR BAND n25 Channel bandwidth: 10MHz											
DFT-S-OFDM_SCS 15 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
1855	371000	8.9631	8.9575	8.9358	8.9354	8.9212	9.7910	9.7130	9.6360	9.6530	9.6350
1882.5	376500	8.9420	8.9617	8.9210	8.9406	8.9461	9.6750	9.6400	9.6310	9.7660	9.6330
1910	382000	8.9348	8.9573	8.9403	8.9066	8.9550	9.6730	9.6930	9.7100	9.6220	9.7340
5G NR BAND n25 Channel bandwidth: 15MHz											
DFT-S-OFDM_SCS 15 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
1857.5	371500	13.4010	13.4410	13.4370	13.4180	13.3960	14.2900	14.3700	14.1700	14.3100	14.1800
1882.5	376500	13.4180	13.3990	13.4110	13.3790	13.4070	14.2300	14.3600	14.2700	14.1800	14.2000
1907.5	381500	13.3510	13.3580	13.3560	13.3790	13.3580	14.1800	14.3000	14.2500	14.2100	14.2800
5G NR BAND n25 Channel bandwidth: 20MHz											
DFT-S-OFDM_SCS 15 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
1860.0	372000	17.8710	17.8990	17.8770	17.8430	17.8640	18.7700	19.0300	18.9200	18.8600	18.8400
1882.5	376500	17.8270	17.8740	17.8480	17.8130	17.8530	18.8700	18.9400	18.8500	18.8100	18.9100
1905.0	381000	17.8200	17.7860	17.8370	17.8290	17.8100	18.9000	18.6300	18.8200	18.8700	18.6900
5G NR BAND n25 Channel bandwidth: 25MHz											
DFT-S-OFDM_SCS 15 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
1862.5	372500	22.9340	22.8800	22.9080	22.8530	22.8950	24.1000	23.9900	24.0700	24.0500	24.0600
1882.5	376500	22.9080	22.8520	22.8230	22.8150	22.8260	24.1600	24.1600	24.0900	24.1600	23.9400
1902.5	380500	22.7880	22.8840	22.8600	22.8320	22.8270	23.9100	24.0500	24.0600	24.0200	23.9900
5G NR BAND n25 Channel bandwidth: 30MHz											
DFT-S-OFDM_SCS 15 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
1865.0	373000	28.5160	28.4870	28.5510	28.5230	28.5530	29.8900	29.6800	29.8800	29.8200	29.7600
1882.5	376500	28.5460	28.4970	28.5650	28.5380	28.5620	29.8100	29.7900	29.8600	29.9800	29.7800
1900.0	380000	28.4800	28.5470	28.4850	28.5010	28.5450	29.6900	29.8600	29.7400	29.7900	29.7900
5G NR BAND n25 Channel bandwidth: 40MHz											
DFT-S-OFDM_SCS 15 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
1870.0	374000	38.3800	38.4810	38.4850	38.4980	38.4000	40.1400	40.1400	40.0800	40.0500	40.0400
1882.5	376500	38.4960	38.5020	38.4670	38.4990	38.4910	39.9600	40.0500	40.0000	40.1500	40.0400
1895.0	379000	38.4690	38.4780	38.4550	38.5310	38.5140	40.1200	40.1600	40.0100	40.0100	40.1300

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5G NR BAND n66 Channel bandwidth: 5MHz											
DFT-S-OFDM_SCS 15 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
1712.5	342500	4.4809	4.4776	4.4853	4.4772	4.4764	5.0280	4.9730	5.0170	4.8610	5.0480
1745.0	349000	4.4688	4.4868	4.4875	4.4690	4.4750	4.9920	4.9740	4.9990	5.0390	4.9680
1777.5	355500	4.4587	4.4791	4.4780	4.4816	4.4861	4.9700	5.0290	4.9920	5.1340	4.9330
5G NR BAND n66 Channel bandwidth: 10MHz											
DFT-S-OFDM_SCS 15 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
1715	343000	8.9340	8.9558	8.9232	8.9551	8.9363	9.5540	9.5350	9.6040	9.7490	9.6380
1745	349000	8.9033	8.9397	8.9379	8.9093	8.9246	9.4740	9.6410	9.5970	9.5690	9.4610
1775	355000	8.9328	8.9361	8.9459	8.9170	8.9450	9.3530	9.5540	9.6990	9.4620	9.6510
5G NR BAND n66 Channel bandwidth: 15MHz											
DFT-S-OFDM_SCS 15 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
1717.5	343500	13.3920	13.3790	13.4270	13.3860	13.3740	14.1600	14.1800	14.3400	14.1700	14.1300
1745.0	349000	13.4450	13.3740	13.4100	13.4030	13.4150	14.1400	14.1900	14.1500	14.1700	14.1600
1772.5	354500	13.4090	13.4190	13.3910	13.3580	13.4510	14.2300	14.1200	14.1800	14.0000	14.2800
5G NR BAND n66 Channel bandwidth: 20MHz											
DFT-S-OFDM_SCS 15 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
1720.0	344000	17.7900	17.8400	17.8620	17.8430	17.8560	18.6700	18.7700	18.7500	18.7600	18.6500
1745.0	349000	17.8580	17.8350	17.8620	17.8390	17.8680	18.8300	18.8700	18.7800	18.8200	18.7700
1770.0	354000	17.8130	17.8670	17.8060	17.8300	17.9030	18.8400	18.6900	18.7200	18.7500	18.8800
5G NR BAND n66 Channel bandwidth: 25MHz											
DFT-S-OFDM_SCS 15 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
1722.5	344500	22.8770	22.8380	22.8150	22.8460	22.8600	24.0300	23.9500	24.0900	23.9500	23.9900
1745.0	349000	22.8850	22.8870	22.8190	22.7560	22.8840	24.0300	23.9700	23.9900	24.1000	24.0800
1767.5	353500	22.8870	22.7990	22.7890	22.7940	22.7740	24.0000	23.9900	24.1000	23.9400	23.9400
5G NR BAND n66 Channel bandwidth: 30MHz											
DFT-S-OFDM_SCS 15 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
1725.0	345000	28.5410	28.4770	28.4450	28.4860	28.5650	29.9700	29.6700	29.7500	29.6000	29.6700
1745.0	349000	28.6650	28.6300	28.5350	28.5390	28.5680	29.4900	29.7700	29.6000	29.7300	29.6700
1765.0	353000	28.4890	28.5160	28.4860	28.4210	28.5080	29.6200	29.8300	29.5100	29.4800	29.5400

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5G NR BAND n66 Channel bandwidth: 40MHz											
DFT-S-OFDM_SCS 15 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
1730.0	346000	38.4430	38.5370	38.4140	38.5160	38.4420	39.9900	39.9800	39.8800	40.0400	40.0600
1745.0	349000	38.4990	38.5430	38.5140	38.5120	38.5090	39.9900	40.0700	39.9600	40.0700	39.9500
1760.0	352000	38.4410	38.4940	38.5130	38.5660	38.4630	40.1100	39.9700	40.0700	39.9900	40.2100
5G NR BAND n71 Channel bandwidth: 5MHz											
DFT-S-OFDM_SCS 15 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
665.5	133100	4.4766	4.4805	4.4831	4.4861	4.4843	5.0140	4.9700	5.0210	5.0370	5.0680
680.5	136100	4.4597	4.4854	4.5051	4.4643	4.4705	4.9830	5.0060	5.1530	4.9800	5.0010
695.5	139100	4.4621	4.4694	4.4963	4.4785	4.4852	4.9710	4.9520	5.0290	5.0460	4.9300
5G NR BAND n71 Channel bandwidth: 10MHz											
DFT-S-OFDM_SCS 15 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
668	133600	8.9416	8.9443	8.9323	8.9015	8.9257	9.6280	9.7500	9.5600	9.5550	9.6680
680.5	136100	8.9410	8.9484	8.9229	8.9248	8.9031	9.5980	9.7070	9.6060	9.6830	9.5560
693	138600	8.9248	8.9499	8.9050	8.9326	8.9530	9.6560	9.5290	9.4850	9.6400	9.7190
5G NR BAND n71 Channel bandwidth: 15MHz											
DFT-S-OFDM_SCS 15 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
670.5	134100	13.3720	13.4000	13.3480	13.3310	13.4040	14.2600	14.1700	14.2300	14.1800	14.2300
680.5	136100	13.3770	13.4240	13.4170	13.3980	13.3800	14.2700	14.4300	14.1300	14.2600	14.1500
690.5	138100	13.4010	13.3660	13.4060	13.3760	13.3930	14.2000	14.2600	14.2700	14.2800	14.2200
5G NR BAND n71 Channel bandwidth: 20MHz											
DFT-S-OFDM_SCS 15 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
673.0	134600	17.8180	17.7820	17.8510	17.8140	17.7980	18.8300	18.8300	18.8600	18.7400	18.8900
680.5	136100	17.8500	17.8410	17.8440	17.8320	17.8340	18.8600	18.9300	18.8800	18.8000	18.8200
688.0	137600	17.7760	17.8470	17.8250	17.7650	17.8090	18.7900	18.8200	18.8100	18.7200	18.8800
5G NR BAND n38 Channel bandwidth: 10MHz											
DFT-S-OFDM_SCS 30 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
2575	515000	8.5787	8.5592	8.5771	8.6077	8.5654	9.5160	9.5790	9.5390	9.7680	9.4370
2595	519000	8.5858	8.6109	8.5514	8.6335	8.5825	9.6360	9.7070	9.6490	9.6140	9.5260
2615	523000	8.5662	8.5866	8.6175	8.5859	8.5780	9.5430	9.4440	9.8470	9.6770	9.4530

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5G NR BAND n38 Channel bandwidth: 15MHz											
DFT-S-OFDM_SCS 30 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
2577.5	515500	12.8860	12.9110	12.8290	12.8730	12.8630	13.9100	14.2100	13.8700	14.0100	13.8900
2595.0	519000	12.8770	12.9030	12.8650	12.8130	12.8950	13.9700	14.3500	14.2200	14.2200	14.2300
2612.5	522500	12.8300	12.9060	12.8940	12.7910	12.9720	13.9900	14.0400	14.1100	13.8100	14.3800
5G NR BAND n38 Channel bandwidth: 20MHz											
DFT-S-OFDM_SCS 30 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
2580.0	516000	17.7940	17.9250	17.8270	17.8000	17.8340	19.1100	19.5500	19.1800	19.1800	19.3300
2595.0	519000	17.9050	17.8850	17.8020	17.8380	17.8610	19.3200	19.4100	18.9500	19.1500	19.3100
2610.0	522000	17.8920	17.9110	17.8630	17.8640	17.8140	19.1000	19.4700	19.2000	19.3600	19.2200
5G NR BAND n38 Channel bandwidth: 30MHz											
DFT-S-OFDM_SCS 30 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
2585.0	517000	26.7580	26.8320	26.8390	26.8120	26.7470	28.4200	28.8000	28.2100	28.5600	28.3600
2595.0	519000	26.7550	26.7840	26.8190	26.7120	26.8200	28.2400	28.6800	28.4100	28.0200	28.6200
2605.0	521000	26.7190	26.7280	26.7280	26.7900	26.7180	28.4200	28.6300	28.4000	28.5700	28.7000
5G NR BAND n38 Channel bandwidth: 40MHz											
DFT-S-OFDM_SCS 30 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
2590.0	518000	35.7080	35.7260	35.7240	35.6490	35.6750	37.5000	37.8700	37.7600	37.5100	37.6900
2595.0	519000	35.6430	35.7400	35.7030	35.6350	35.6990	37.8000	38.1300	37.5400	37.5400	37.7200
2600.0	520000	35.7070	35.6220	35.6320	35.6960	35.6490	37.8500	37.3100	37.7300	37.8700	37.4900
5G NR BAND n41 Channel bandwidth: 10MHz											
DFT-S-OFDM_SCS 30 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
2501.01	500202	8.5701	8.5687	8.5976	8.5775	8.6173	9.6180	9.5480	9.7030	9.7920	9.5810
2592.99	518598	8.6186	8.6210	8.5809	8.5676	8.5874	9.5990	9.6620	9.6600	9.6300	9.6230
2685	537000	8.5817	8.5956	8.5906	8.6117	8.5918	9.6380	9.8250	9.4840	9.7580	9.6520
5G NR BAND n41 Channel bandwidth: 15MHz											
DFT-S-OFDM_SCS 30 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
2503.5	500700	12.9070	12.9200	12.8520	12.8140	12.8830	14.1900	14.1600	14.0500	14.1400	14.0700
2593.0	518598	12.9090	12.8440	12.8990	12.8760	12.8390	14.1500	14.1500	14.1700	14.0600	14.1000
2682.5	536496	12.8950	12.9330	12.8320	12.8930	12.8640	14.0100	14.2900	13.8700	13.9600	13.9400

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5G NR BAND n41 Channel bandwidth: 20MHz											
DFT-S-OFDM_SCS 30 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
2506.0	501204	17.7780	17.9170	17.8120	17.9070	17.8510	19.1400	19.1500	19.2500	19.4100	19.2800
2593.0	518598	17.8660	17.9050	17.8240	17.8490	17.8810	19.1800	19.2100	19.1100	19.3400	19.4700
2680.0	535998	17.8690	17.9070	17.8650	17.8650	17.8090	19.2700	19.5000	19.2400	19.4000	19.1300
5G NR BAND n41 Channel bandwidth: 30MHz											
DFT-S-OFDM_SCS 30 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
2511.0	502200	26.8820	26.8270	26.8160	26.7550	26.7620	28.7100	28.8100	28.2100	28.4600	28.3400
2593.0	518598	26.7430	26.7130	26.8090	26.7900	26.7880	28.2900	28.3900	28.5300	28.1000	28.3700
2675.0	534996	26.7040	26.7380	26.7090	26.7540	26.6880	28.2300	28.5500	28.3400	28.4600	28.3100
5G NR BAND n41 Channel bandwidth: 40MHz											
DFT-S-OFDM_SCS 30 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
2516.0	503202	35.6410	35.5960	35.6740	35.7080	35.6390	37.5600	37.4400	37.6800	37.6600	37.5400
2593.0	518598	35.6470	35.6190	35.7150	35.8150	35.6970	37.7200	37.6100	37.5800	37.8400	37.5300
2670.0	534000	35.6290	35.7510	35.6500	35.6300	35.5760	37.5500	37.7500	37.6000	37.6600	37.5100
5G NR BAND n41 Channel bandwidth: 50MHz											
DFT-S-OFDM_SCS 30 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
2521.0	504204	45.5630	45.6080	45.5710	45.6760	45.7040	47.6900	47.8600	47.7900	47.9400	48.1300
2593.0	518598	45.6650	45.7640	45.6760	45.7470	45.5920	47.7600	47.9400	47.7600	47.9300	47.6500
2665.0	532998	45.6530	45.7370	45.6150	45.6930	45.6530	47.8500	47.9300	47.8200	47.7800	48.0600
5G NR BAND n41 Channel bandwidth: 60MHz											
DFT-S-OFDM_SCS 30 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
2526.0	505200	57.5810	57.4900	57.7080	57.8020	57.6910	60.1500	60.1000	60.0900	60.1700	60.0500
2593.0	518598	57.6670	57.7670	57.7440	57.6500	57.6840	60.3800	60.4500	60.3000	60.2200	60.1900
2660.0	531996	57.6920	57.8040	57.6880	57.6840	57.7420	60.0800	60.1900	60.1800	60.0000	60.2300
5G NR BAND n41 Channel bandwidth: 70MHz											
DFT-S-OFDM_SCS 30 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
2531.01	506202	64.0710	64.1220	64.0210	63.9860	64.2650	66.6800	66.6600	66.5600	66.7300	66.7900
2593.0	518598	64.0740	64.1070	64.2000	64.1660	64.3780	66.8400	66.9600	66.8900	66.7900	66.7400
2655.0	531000	64.2230	64.0660	64.1800	64.2920	64.2200	66.6700	66.9600	66.7900	66.9500	67.0100

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5G NR BAND n41 Channel bandwidth: 80MHz											
DFT-S-OFDM_SCS 30 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
2536.0	507204	76.8200	76.9330	76.8630	76.9970	77.0710	79.9600	80.2500	80.0800	79.9800	79.9300
2593.0	518598	76.9090	76.9140	76.9030	76.9220	76.9050	79.7600	80.1600	79.9100	80.0100	79.9900
2650.0	529998	76.9760	77.0550	76.9740	77.1570	77.0190	79.9400	80.2100	79.9000	80.0100	79.9800
5G NR BAND n41 Channel bandwidth: 90MHz											
DFT-S-OFDM_SCS 30 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
2541.0	508200	86.6820	86.4360	86.4950	86.7940	86.6450	100.5900	89.9400	89.7700	90.0600	89.9200
2593.0	518598	86.6290	86.5400	86.4970	86.4500	86.4000	89.6600	90.0200	89.7800	89.7200	89.7500
2645.0	528996	86.5680	86.6320	86.6800	86.7240	86.5880	89.6800	89.9100	89.6500	89.8700	89.8100
5G NR BAND n41 Channel bandwidth: 100MHz											
DFT-S-OFDM_SCS 30 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
2546.0	509202	96.1560	96.0610	96.2620	95.9860	96.1030	99.8000	99.7600	99.6800	99.4900	99.6900
2593.0	518598	95.9800	96.1790	96.0610	95.9830	96.1900	99.4400	99.5800	99.6200	99.6000	99.5500
2640.0	528000	96.1490	96.2570	96.0930	96.3880	96.2090	99.5100	99.6300	99.7900	99.6500	99.6500
5G NR BAND n77_Part27 Channel bandwidth: 10MHz(3450 to 3550 MHz)											
DFT-S-OFDM_SCS 30 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
3455.01	630334	8.6092	8.5862	8.6075	8.6023	8.6264	9.487	9.401	9.709	9.763	9.663
3500.01	633334	8.6577	8.627	8.5672	8.5778	8.6031	9.754	9.709	9.604	9.792	9.779
3544.98	636332	8.5827	8.5982	8.584	8.6065	8.6068	9.774	9.564	9.621	9.477	9.662
5G NR BAND n77_Part27 Channel bandwidth: 15MHz(3450 to 3550 MHz)											
DFT-S-OFDM_SCS 30 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
3457.5	630500	12.91	12.886	12.864	12.925	12.881	14.04	14.13	13.85	14.03	14.18
3500.01	633334	12.827	12.848	12.832	12.866	12.836	14.06	14.11	14.11	14.17	14.05
3542.49	636166	12.857	12.907	12.859	12.865	12.873	13.94	14.02	14.1	13.9	13.99
5G NR BAND n77_Part27 Channel bandwidth: 20MHz(3450 to 3550 MHz)											
DFT-S-OFDM_SCS 30 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
3460.02	630668	17.809	17.898	17.814	17.831	17.859	18.95	19.25	19.04	19.19	19.13
3500.01	633334	17.847	17.892	17.848	17.849	17.84	19.36	19.11	19.32	19.23	19.29
3540	636000	17.877	17.852	17.894	17.805	17.859	18.88	19.12	19.45	19.22	19.27

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5G NR BAND n77_Part27 Channel bandwidth: 30MHz(3450 to 3550 MHz)											
DFT-S-OFDM_SCS 30 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
3465	631000	26.737	26.734	26.713	26.738	26.701	28.64	28.36	28.46	28.55	28.51
3500.01	633334	26.762	26.744	26.788	26.778	26.76	28.29	28.43	28.4	28.42	28.38
3534.99	635666	26.855	26.812	26.747	26.755	26.776	28.77	28.39	28.54	28.39	28.69
5G NR BAND n77_Part27 Channel bandwidth: 40MHz(3450 to 3550 MHz)											
DFT-S-OFDM_SCS 30 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
3470.01	631334	35.648	35.809	35.674	35.638	35.649	37.43	37.83	37.74	37.68	37.61
3500.01	633334	35.752	35.64	35.731	35.696	35.699	37.83	37.75	37.65	37.72	37.66
3529.98	635332	35.616	35.681	35.739	35.718	35.727	37.65	37.49	37.55	37.84	37.43
5G NR BAND n77_Part27 Channel bandwidth: 50MHz(3450 to 3550 MHz)											
DFT-S-OFDM_SCS 30 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
3475.02	631668	45.721	45.676	45.59	45.698	45.607	47.81	48.16	47.83	47.94	47.92
3500.01	633334	45.689	45.673	45.641	45.766	45.593	47.61	47.77	47.72	48.03	47.82
3525	635000	45.726	45.764	45.634	45.713	45.634	47.9	47.91	48.17	47.92	48.03
5G NR BAND n77_Part27 Channel bandwidth: 60MHz(3450 to 3550 MHz)											
DFT-S-OFDM_SCS 30 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
3480	632000	57.733	57.747	57.767	57.807	57.86	60.48	60.48	60.28	60.39	60.35
3500.01	633334	57.788	57.902	57.665	57.686	57.695	60.29	60.08	60.12	60.25	60.43
3519.99	634666	57.908	57.841	57.628	57.715	57.701	59.99	60.5	60.14	60.22	60.34
5G NR BAND n77_Part27 Channel bandwidth: 70MHz(3450 to 3550 MHz)											
DFT-S-OFDM_SCS 30 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
3485.01	632334	64.18	64.144	64.213	64.15	64.225	66.86	66.71	66.77	66.77	66.72
3500.01	633334	64.192	64.188	64.223	64.247	64.439	66.75	66.89	66.71	66.91	67.21
3514.98	634332	64.17	64.236	64.315	64.221	64.271	66.8	67.21	67.05	66.93	66.88
5G NR BAND n77_Part27 Channel bandwidth: 80MHz(3450 to 3550 MHz)											
DFT-S-OFDM_SCS 30 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
3490.02	632668	76.954	77.033	77.084	77.083	76.946	80.16	80.1	79.96	79.8	79.96
3500.01	633334	76.949	77.009	77.145	76.963	77.066	79.88	79.94	79.95	79.97	79.93
3510	634000	76.933	76.962	76.937	77.104	76.978	79.78	80.2	79.77	80.12	80.22

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5G NR BAND n77_Part27 Channel bandwidth: 90MHz(3450 to 3550 MHz)											
DFT-S-OFDM_SCS 30 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
3495	633000	86.573	86.581	86.501	86.631	86.661	89.71	89.91	90.08	90	89.78
3500.01	633334	86.817	86.683	86.663	86.85	86.703	89.57	89.68	89.93	90.02	89.97
3504.99	633666	86.635	86.49	86.559	86.639	86.71	89.91	89.97	90.06	90.2	90.05
5G NR BAND n77_Part27 Channel bandwidth: 100MHz(3450 to 3550 MHz)											
DFT-S-OFDM_SCS 30 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
3500.01	633334	96.131	96.116	96.233	96.19	96.439	99.69	99.65	99.53	99.87	99.96
5G NR BAND n77_Part27 Channel bandwidth: 10MHz(3700 to 3980 MHz)											
DFT-S-OFDM_SCS 30 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
3705	647000	8.5896	8.5363	8.5671	8.5850	8.6206	9.5090	9.5510	9.7370	9.5030	9.0770
3840	656000	8.5858	8.5761	8.6106	8.5568	8.5797	9.2750	9.4840	9.4560	9.6510	9.5790
3975	665000	8.5536	8.5339	8.5468	8.5437	8.5656	9.0950	9.6820	9.4940	9.1800	9.3490
5G NR BAND n77_Part27 Channel bandwidth: 15MHz(3700 to 3980 MHz)											
DFT-S-OFDM_SCS 30 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
3707.5	647168	12.8950	12.7970	12.8580	12.8400	12.8050	13.8000	13.6000	13.7500	13.6700	13.5800
3840.0	656000	12.8310	12.8130	12.8360	12.7840	12.7640	13.9000	13.8300	13.9500	13.4200	13.8500
3972.5	664832	12.8480	12.7530	12.7810	12.8630	12.8560	13.8600	13.2700	13.7700	13.6600	13.7400
5G NR BAND n77_Part27 Channel bandwidth: 20MHz(3700 to 3980 MHz)											
DFT-S-OFDM_SCS 30 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
3710.0	647334	17.8000	17.9550	17.9270	17.7690	17.8560	18.8800	18.6400	19.0300	18.4300	18.8400
3840.0	656000	17.8070	17.8340	17.8910	17.8690	17.9360	18.7400	18.4900	18.9200	18.9000	18.4200
3970.0	664666	17.8010	17.9050	17.7810	17.8380	17.8500	19.1400	19.1700	19.0600	18.7900	18.7500
5G NR BAND n77_Part27 Channel bandwidth: 30MHz(3700 to 3980 MHz)											
DFT-S-OFDM_SCS 30 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
3715.0	647668	26.7230	26.8550	26.6050	26.6100	26.6780	27.8700	27.6900	27.6200	27.5900	28.0800
3840.0	656000	26.7430	26.6790	26.7580	26.6810	26.6740	28.4800	27.9100	27.7200	28.0900	28.0700
3965.0	664332	26.7730	26.6510	26.6370	26.8310	26.7600	27.6200	27.6900	28.1300	27.6300	28.1100

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5G NR BAND n77_Part27 Channel bandwidth: 40MHz(3700 to 3980 MHz)											
DFT-S-OFDM_SCS 30 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
3720.0	648000	35.4990	35.7090	35.6010	35.7480	35.6200	36.8800	37.2900	37.5700	36.8700	37.3800
3840.0	656000	35.6860	35.6620	35.3950	35.6580	35.6360	36.9000	36.7500	37.5100	37.2600	37.3800
3960.0	664000	35.7510	35.6180	35.7840	35.7450	35.5880	37.2800	37.0800	37.3200	37.1500	36.9900
5G NR BAND n77_Part27 Channel bandwidth: 50MHz(3700 to 3980 MHz)											
DFT-S-OFDM_SCS 30 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
3725.0	648334	45.6230	45.7220	45.6060	45.4760	45.5760	47.3300	47.1400	46.9400	47.4300	47.0900
3840.0	656000	45.7060	45.6230	45.5160	45.5870	45.4810	47.5600	47.5500	47.0700	47.3500	47.2900
3955.0	663666	45.7930	45.4250	45.4640	45.6860	45.5910	47.4400	47.0400	47.1300	47.6800	47.1900
5G NR BAND n77_Part27 Channel bandwidth: 60MHz(3700 to 3980 MHz)											
DFT-S-OFDM_SCS 30 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
3730.0	648668	57.4830	57.7230	57.8060	57.6310	57.8130	59.8100	59.7200	59.8700	59.6400	59.5600
3840.0	656000	57.6530	57.7410	57.8800	57.6450	57.3760	59.6100	60.1200	59.5000	59.5400	59.5900
3950.0	663332	57.6640	57.6400	57.5660	57.4950	57.6570	59.7400	59.6200	59.7500	59.9200	59.5900
5G NR BAND n77_Part27 Channel bandwidth: 70MHz(3700 to 3980 MHz)											
DFT-S-OFDM_SCS 30 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
3735.0	649000	63.9720	64.3020	64.1910	64.1800	64.1380	66.1900	66.2600	66.5000	66.2800	66.2200
3840.0	656000	64.0580	64.0670	64.0520	64.0230	63.6770	66.2500	66.2800	66.7700	66.1300	66.0300
3945.0	663000	64.3010	64.0950	63.9090	64.0890	64.0420	66.3100	66.2900	66.2600	66.6000	66.2400
5G NR BAND n77_Part27 Channel bandwidth: 80MHz(3700 to 3980 MHz)											
DFT-S-OFDM_SCS 30 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
3740.0	649334	76.8220	77.1240	76.8870	76.8240	77.0850	79.3800	79.9000	79.5500	79.4500	79.4500
3840.0	656000	76.9670	77.0720	76.7010	76.9660	76.6310	79.4200	79.4500	79.4200	79.4300	79.2700
3940.0	662666	77.2630	77.2560	76.8660	76.9440	77.2290	79.5600	79.7900	79.6200	79.2500	79.4300
5G NR BAND n77_Part27 Channel bandwidth: 90MHz(3700 to 3980 MHz)											
DFT-S-OFDM_SCS 30 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
3745.0	649668	86.7910	86.4220	86.3110	86.6140	86.5560	89.3400	89.3000	89.2700	89.3200	89.2700
3840.0	656000	86.3400	86.6570	86.4940	86.8150	86.7800	89.1500	89.0400	89.0400	89.7600	89.1600
3934.98	662332	86.6490	86.5500	86.3720	86.3880	87.0010	89.2800	89.6600	89.6300	89.2200	89.8600

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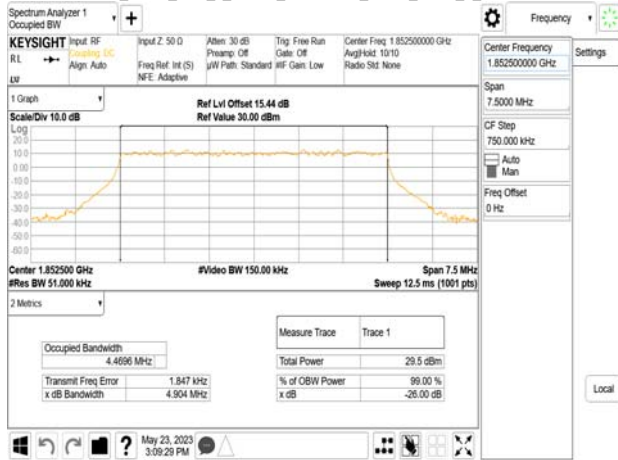
5G NR BAND n77_Part27 Channel bandwidth: 100MHz(3700 to 3980 MHz)											
DFT-S-OFDM_SCS 30 kHz											
Freq. (MHz)	CH	99% BW (MHz)					26 dB BW (MHz)				
		BPSK	QPSK	16QAM	64QAM	256QAM	BPSK	QPSK	16QAM	64QAM	256QAM
3750.0	650000	96.0340	96.0960	95.9730	96.2040	95.8940	99.2800	99.2400	99.1800	99.3300	99.1200
3840.0	656000	95.7330	96.1580	96.5360	96.3320	96.2360	99.1500	99.4100	99.2200	99.5000	99.0400
3930.0	662000	96.3910	96.2190	96.2600	96.0730	96.4260	99.3100	99.1000	99.1000	99.1900	99.2400

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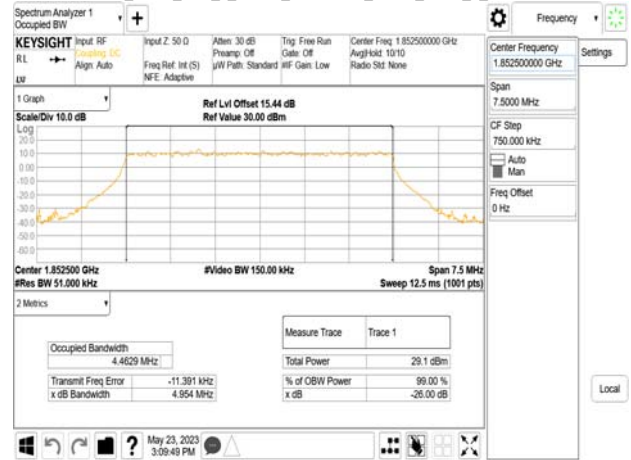
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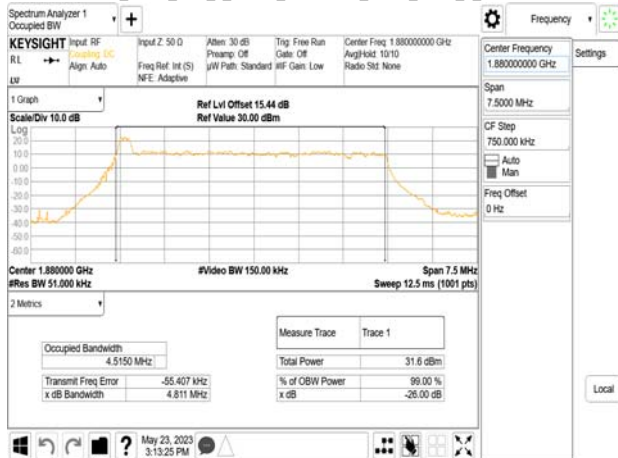
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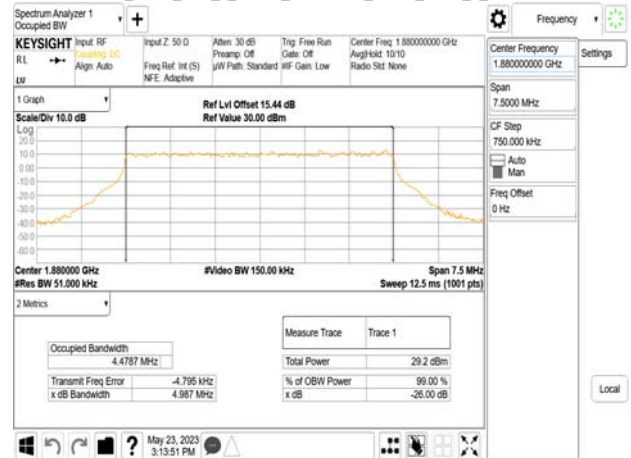
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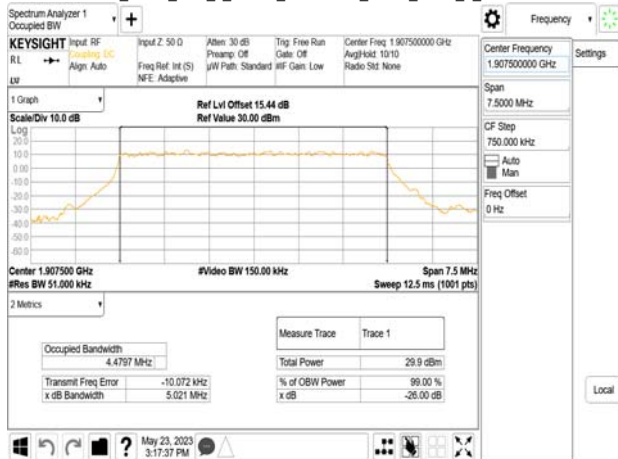
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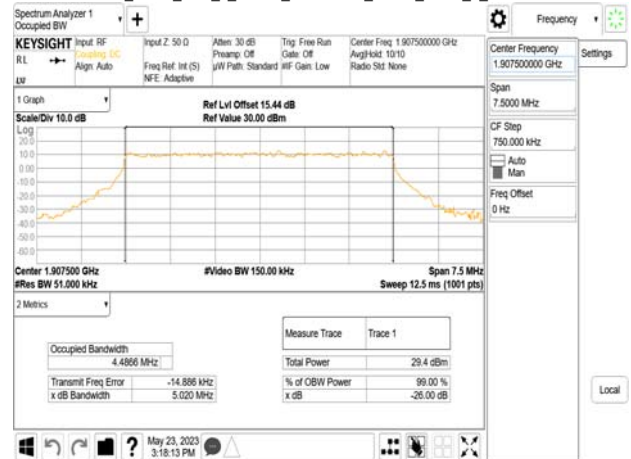
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Band2_5MHz_DFT_s_OFDM_SCS15kHz_BPSK_RB25_0_CH381500



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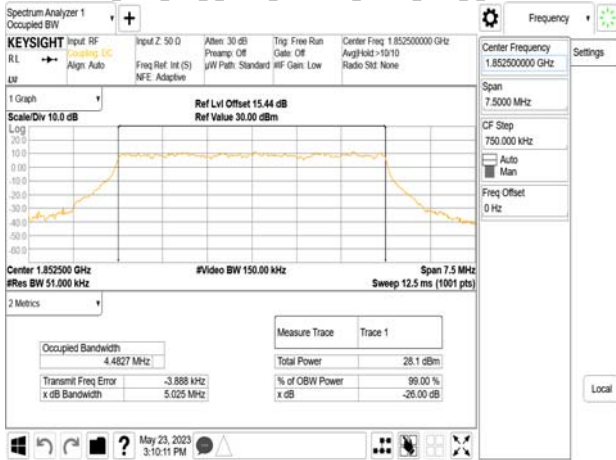


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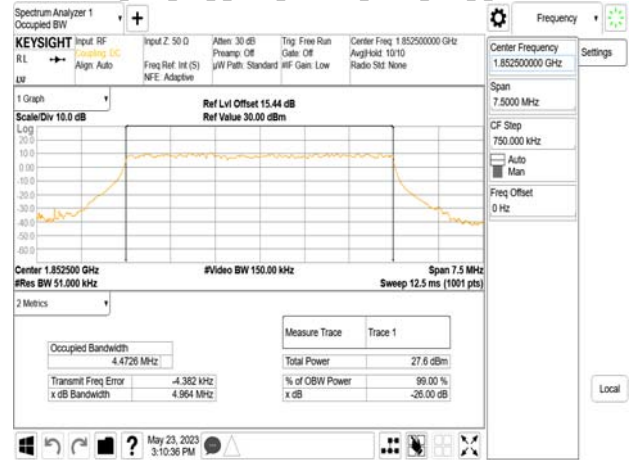
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Band2_5MHz_DFT_s_OFDM_SCS15kHz_16QAM_RB25_0_CH370500



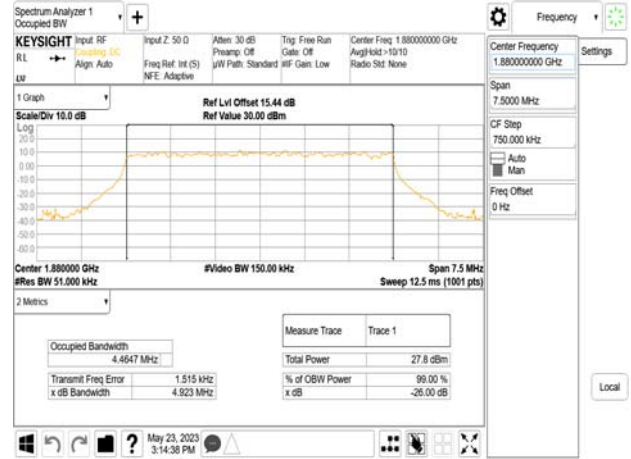
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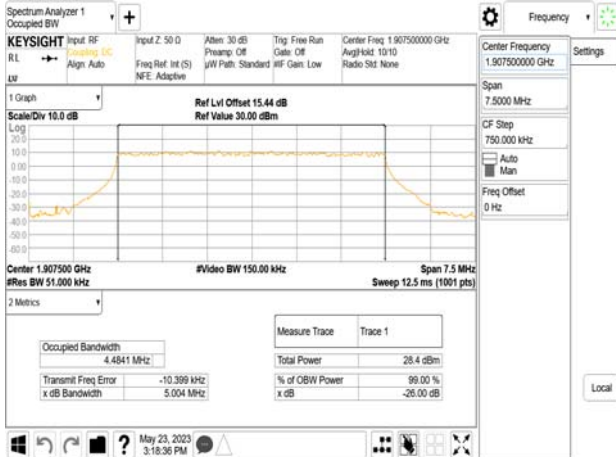
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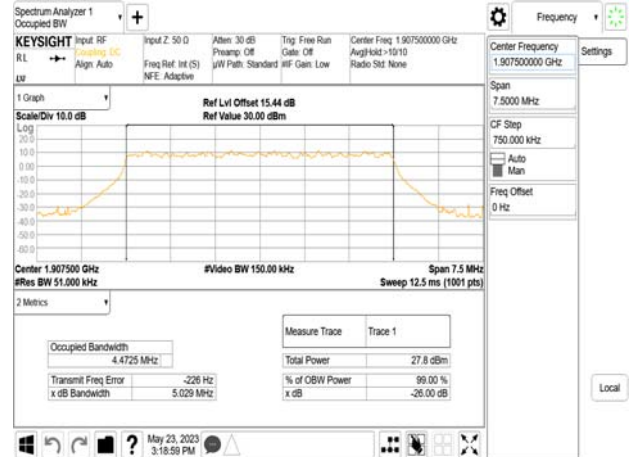
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Band2_5MHz_DFT_s_OFDM_SCS15kHz_16QAM_RB25_0_CH381500



Band2_5MHz_DFT_s_OFDM_SCS15kHz_64QAM_RB25_0_CH381500

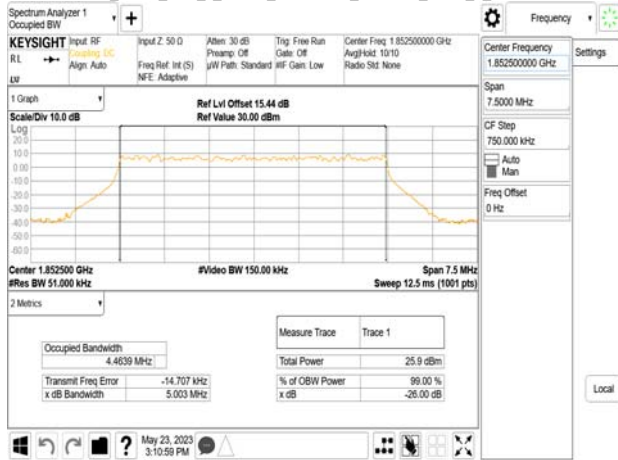


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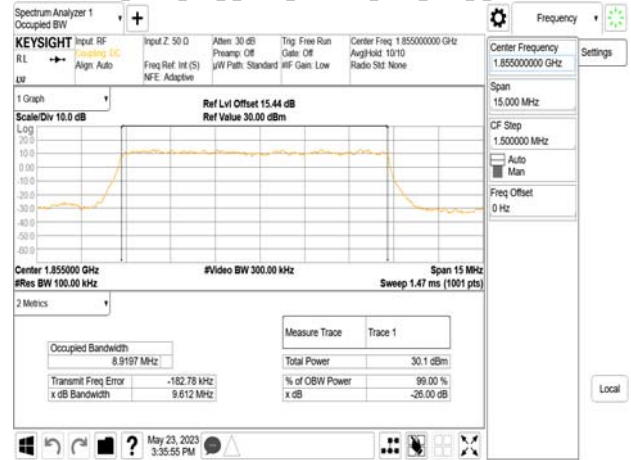
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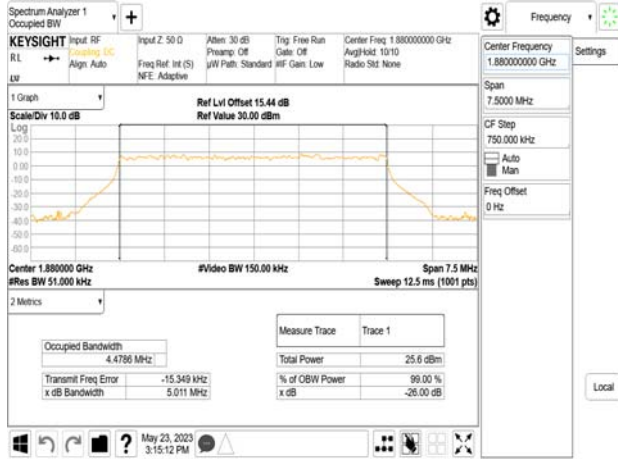
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Band2_10MHz_DFT_s_OFDM_SCS15kHz_BPSK_RB50_0_CH371000



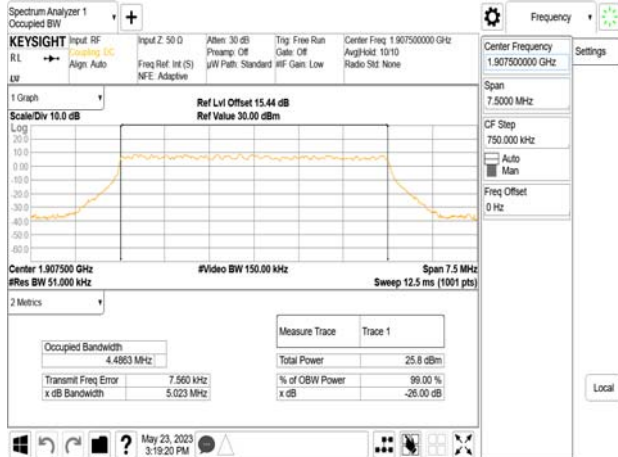
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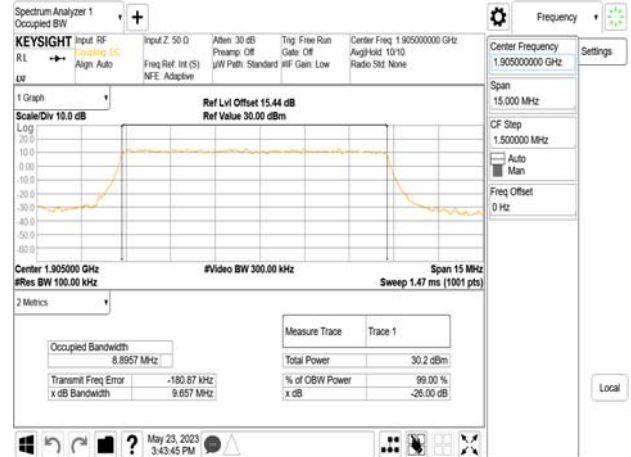
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Band2_5MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB25_0_CH381500



Band2_10MHz_DFT_s_OFDM_SCS15kHz_BPSK_RB50_0_CH381000



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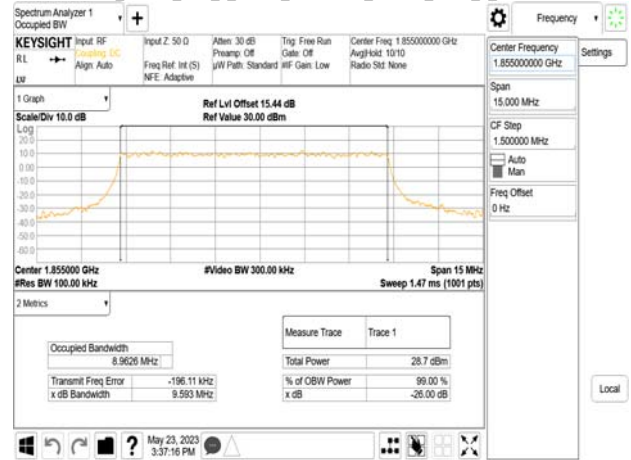
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Band2_10MHz_DFT_s_OFDM_SCS15kHz_QPSK_RB50_0_CH371000



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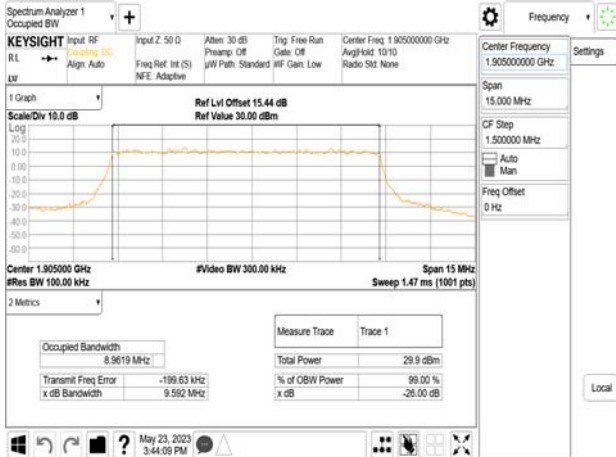
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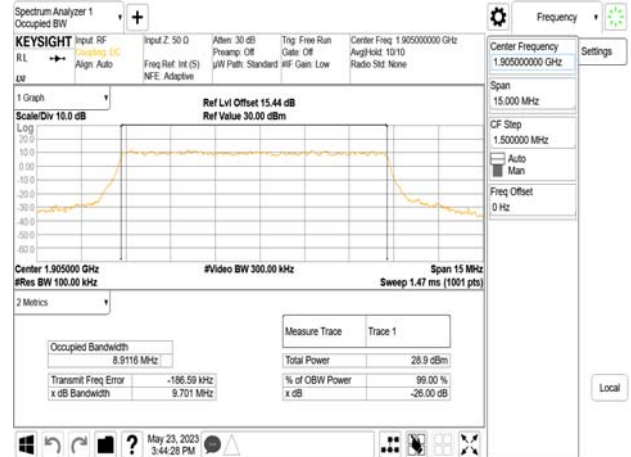
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Band2_10MHz_DFT_s_OFDM_SCS15kHz_QPSK_RB50_0_CH381000



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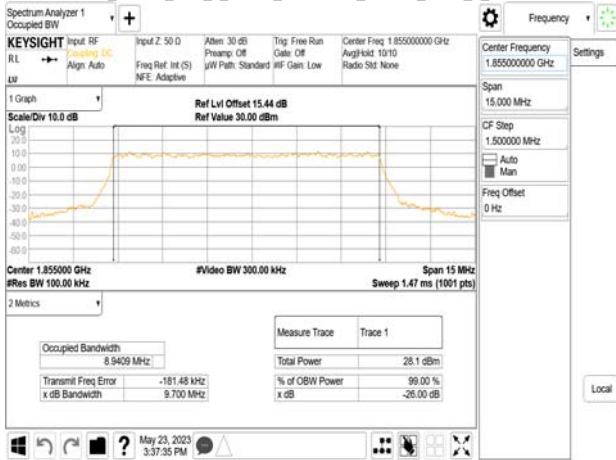


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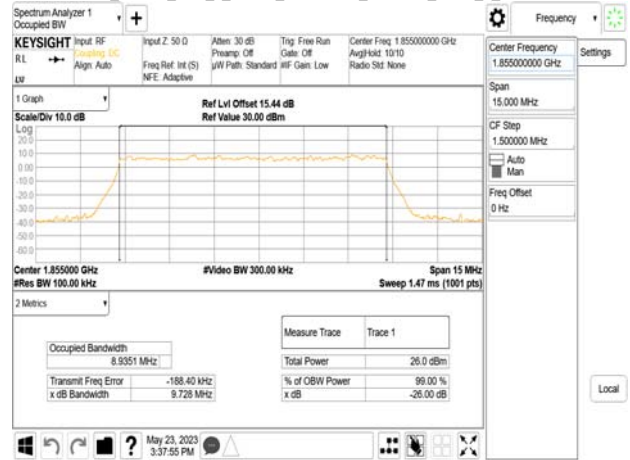
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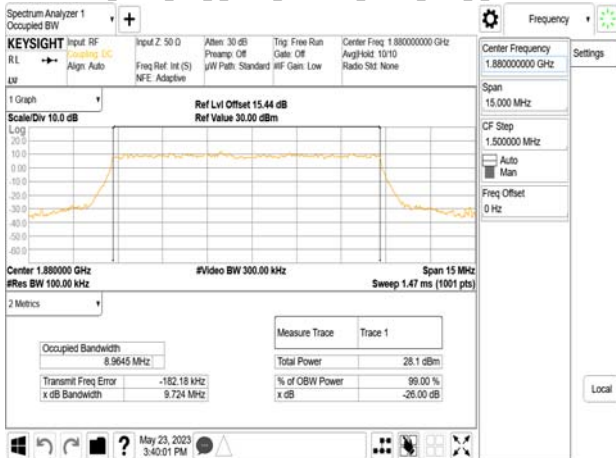
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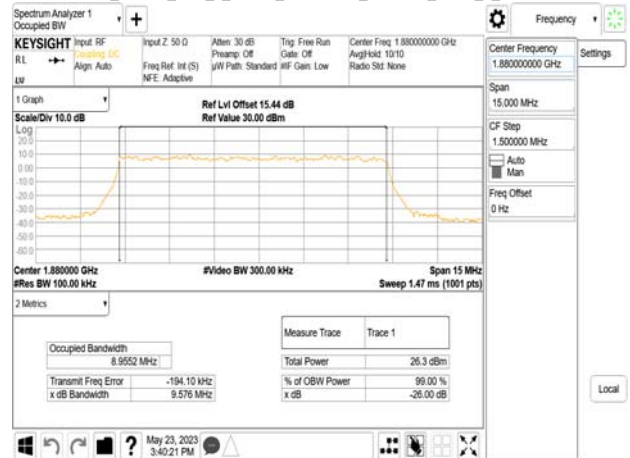
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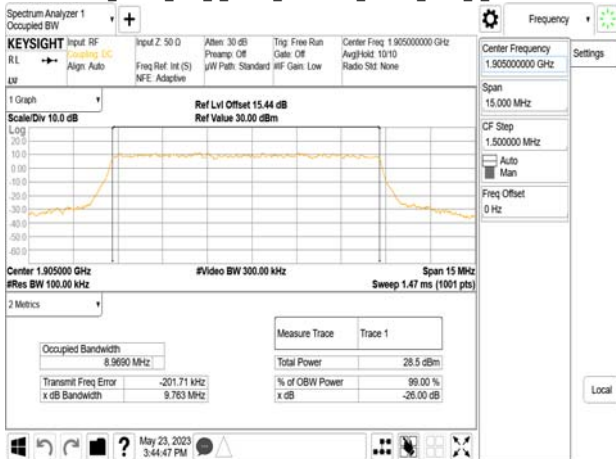
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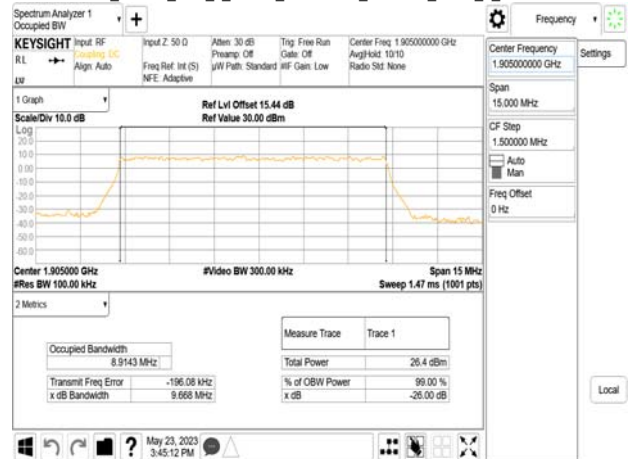
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Band2_10MHz_DFT_s_OFDM_SCS15kHz_64QAM_RB50_0_CH381000



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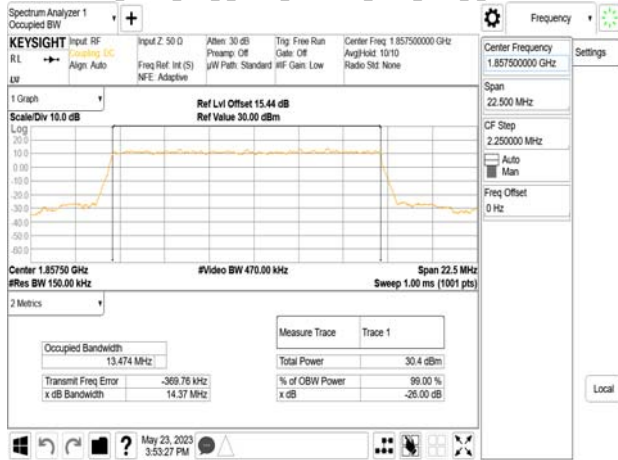


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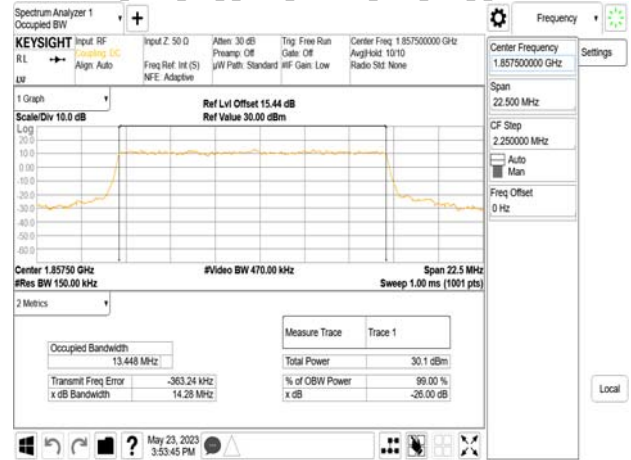
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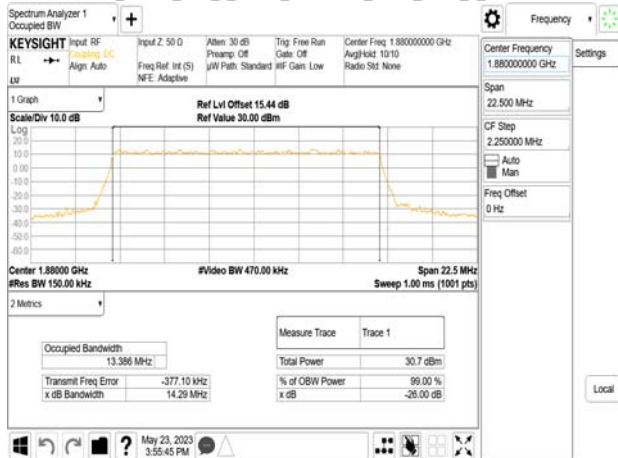
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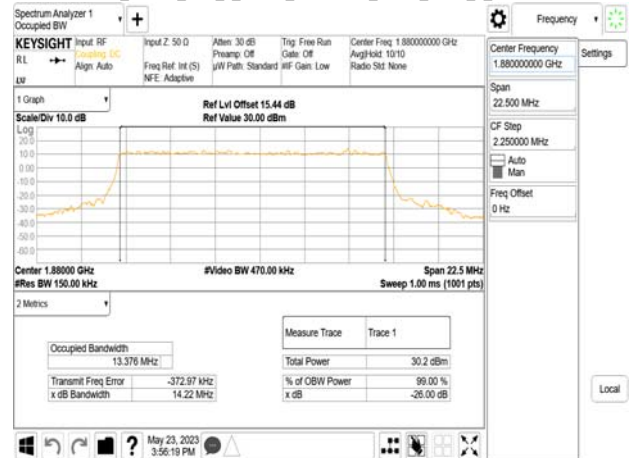
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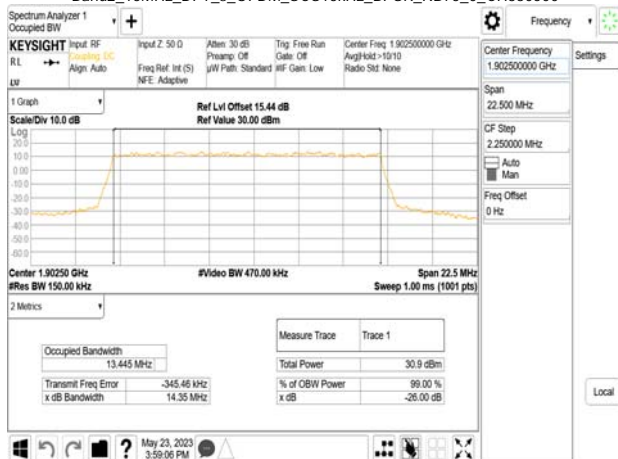
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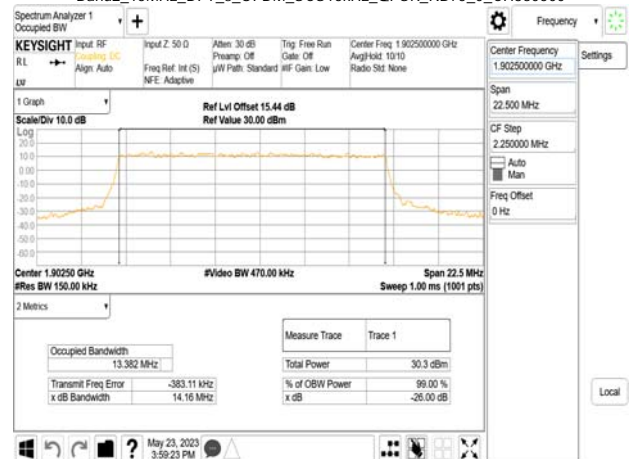
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Band2_15MHz_DFT_s_OFDM_SCS15kHz_BPSK_RB75_0_CH380500



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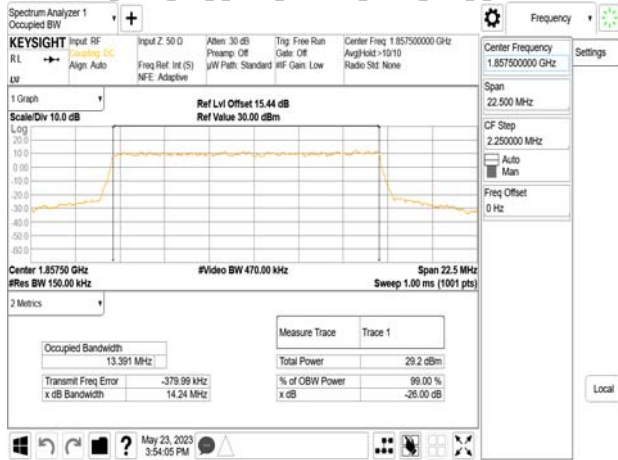


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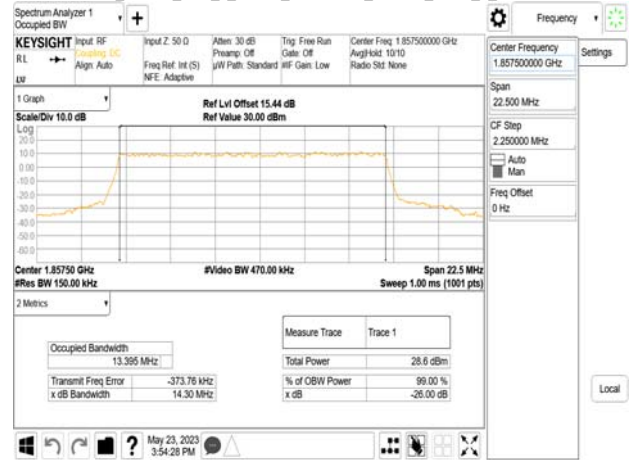
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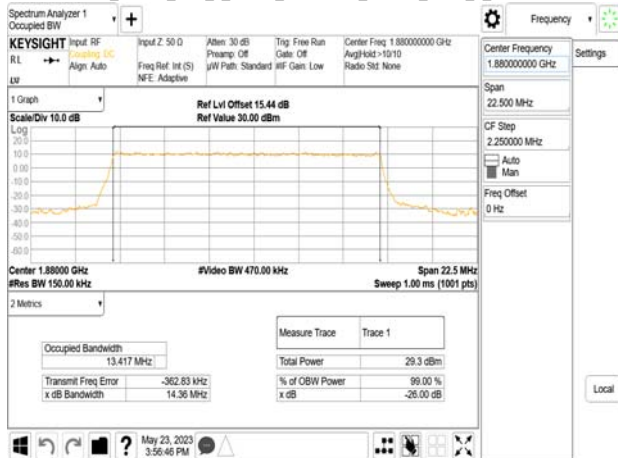
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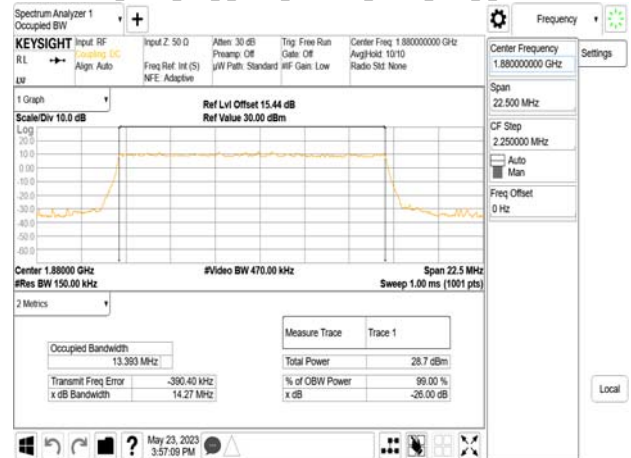
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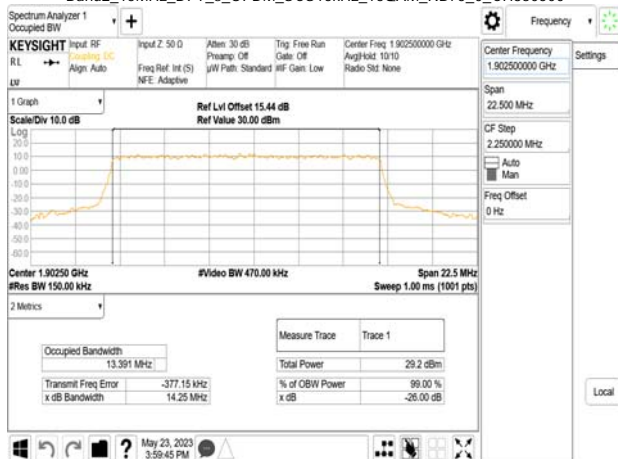
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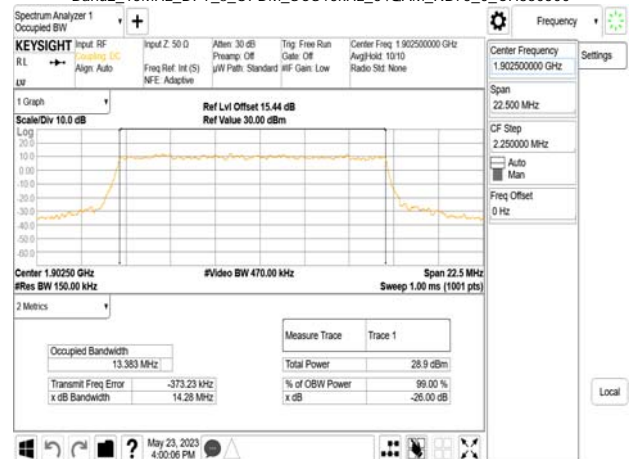
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Band2_15MHz_DFT_s_OFDM_SCS15kHz_16QAM_RB75_0_CH380500



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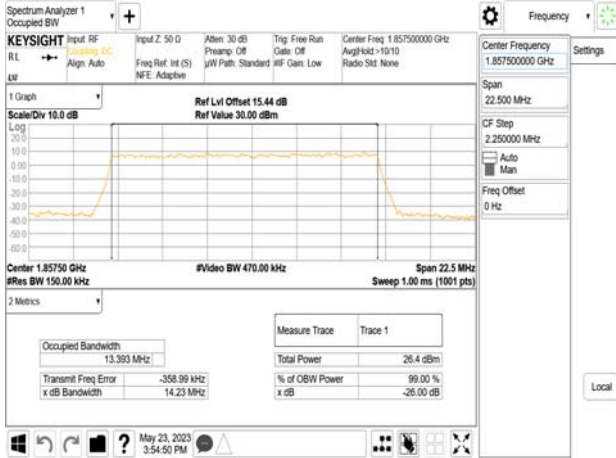


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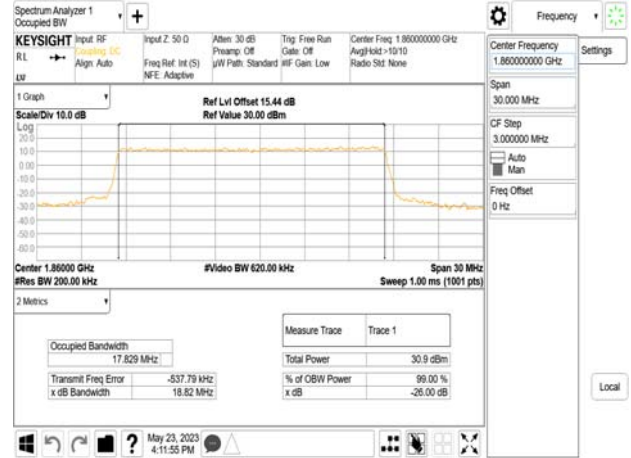
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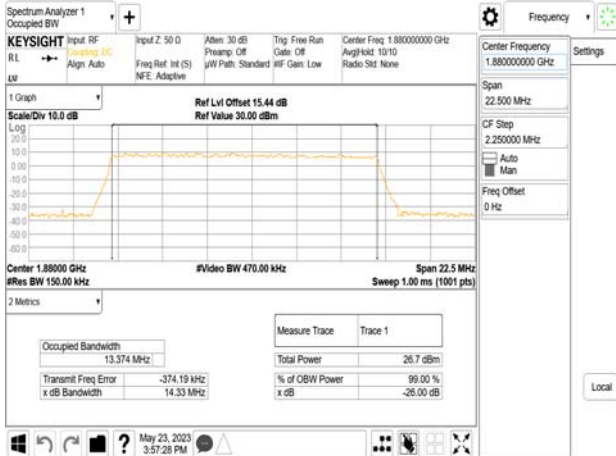
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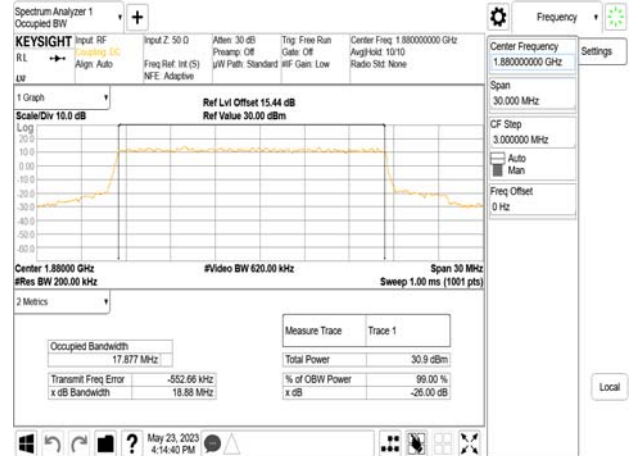
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Band2_15MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB75_0_CH376000



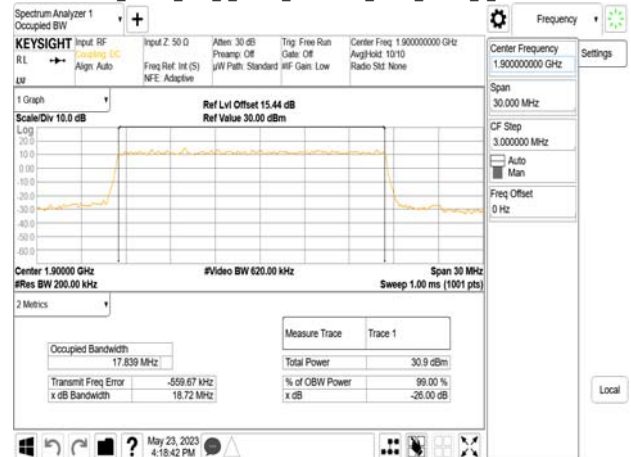
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Band2_15MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB75_0_CH380500



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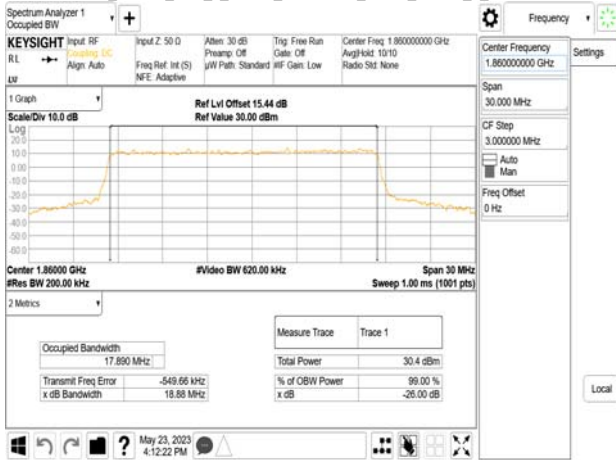


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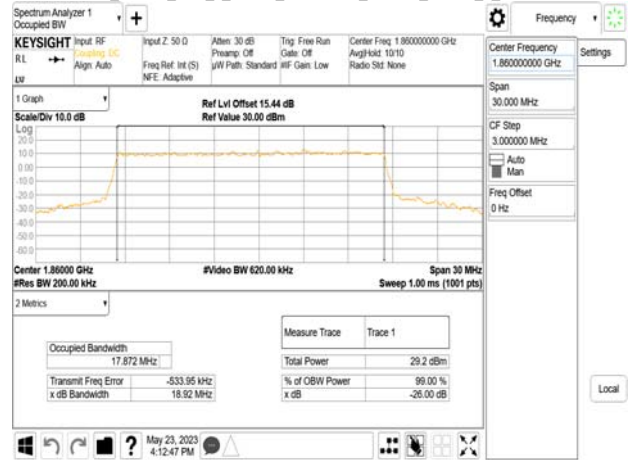
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Band2_20MHz_DFT_s_OFDM_SCS15kHz_QPSK_RB100_0_CH372000



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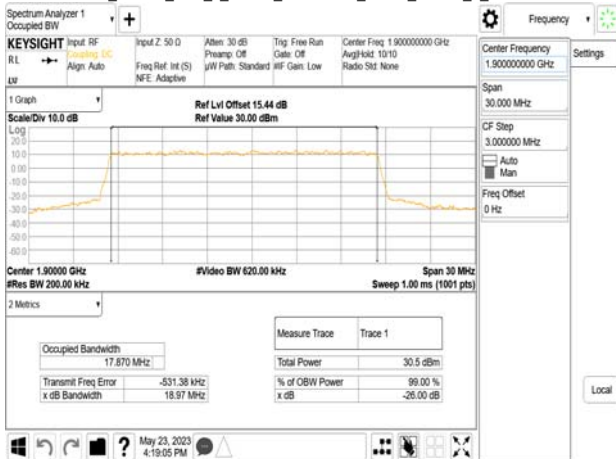
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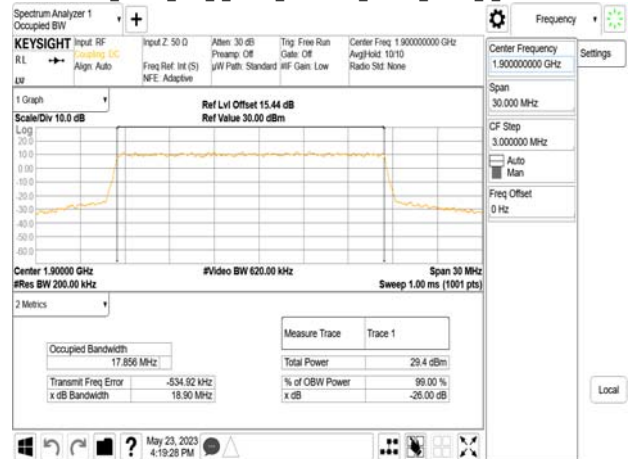
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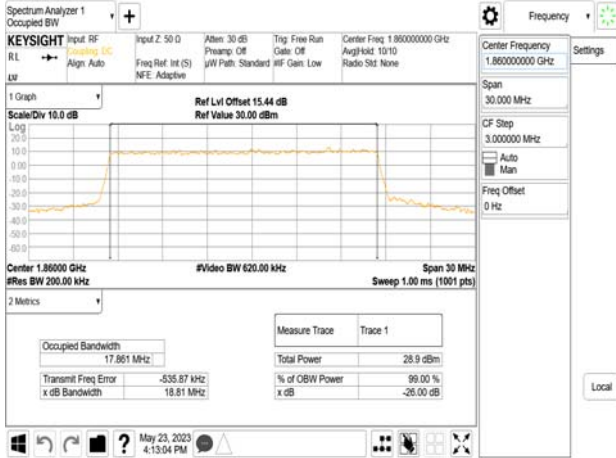


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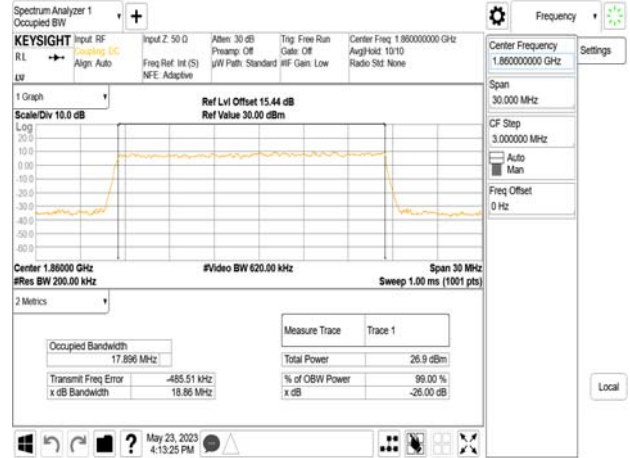
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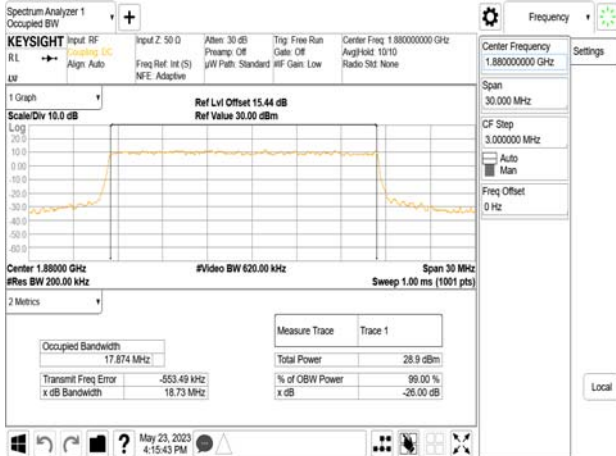
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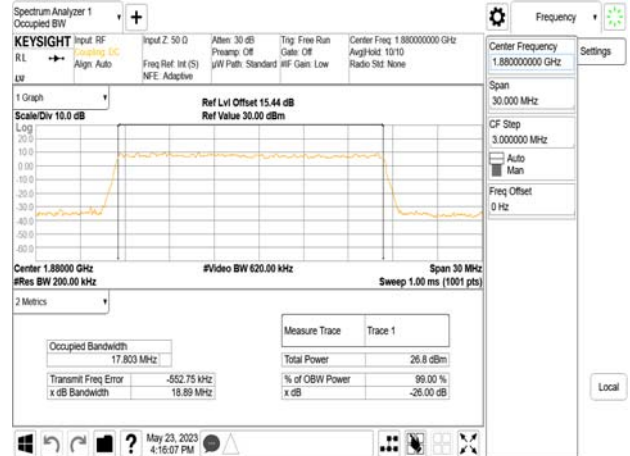
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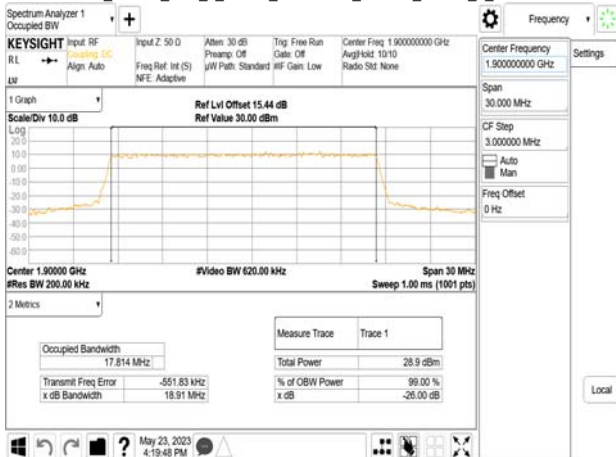
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Band2_20MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB100_0_CH376000



Band2_20MHz_DFT_s_OFDM_SCS15kHz_64QAM_RB100_0_CH380000



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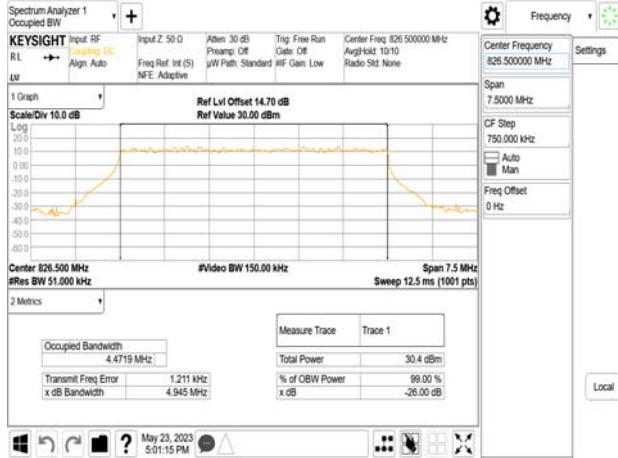


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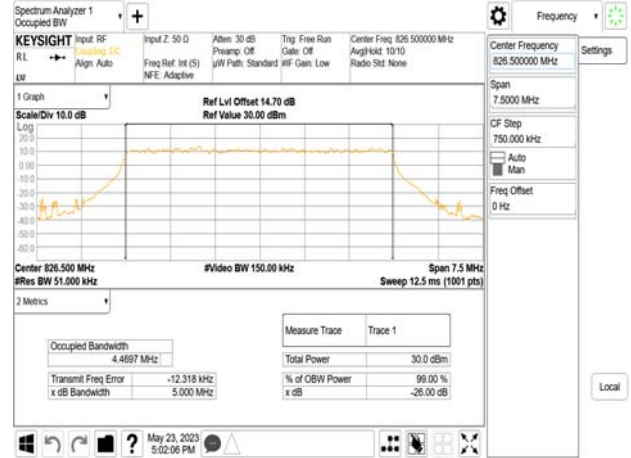
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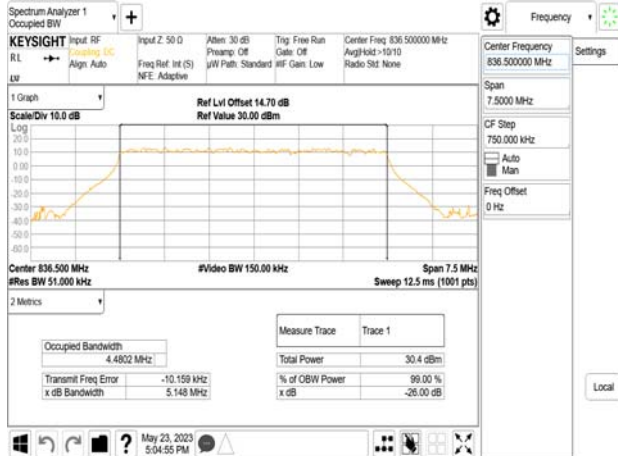
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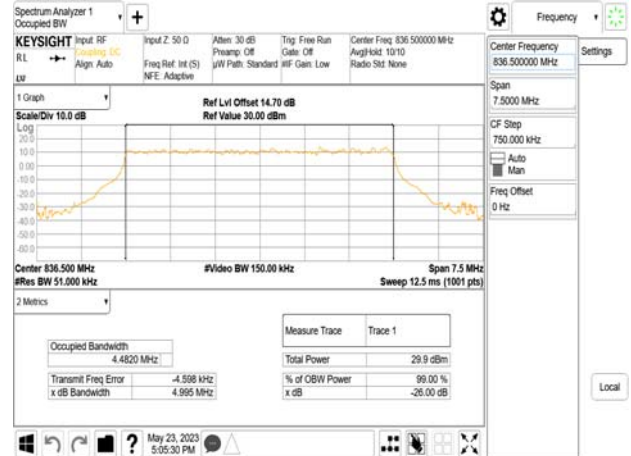
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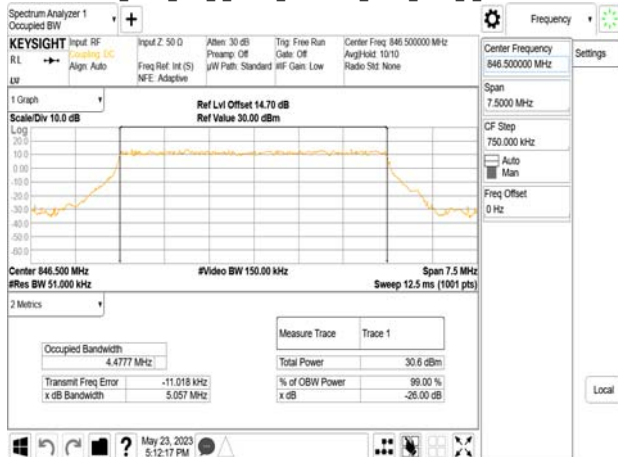
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Band5_5MHz_DFT_s_OFDM_SCS15kHz_QPSK_RB25_0_CH167300



Band5_5MHz_DFT_s_OFDM_SCS15kHz_BPSK_RB25_0_CH169300



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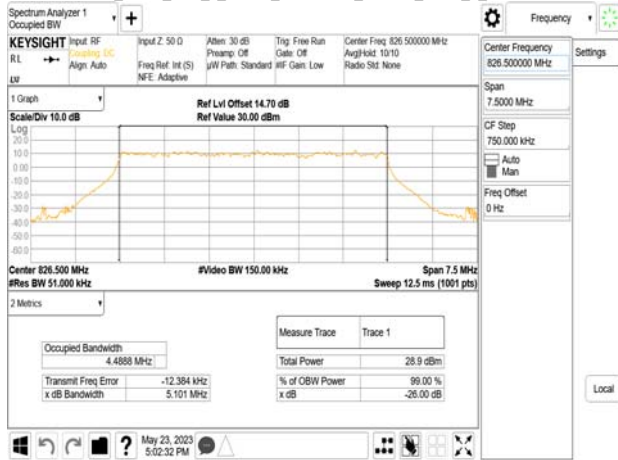


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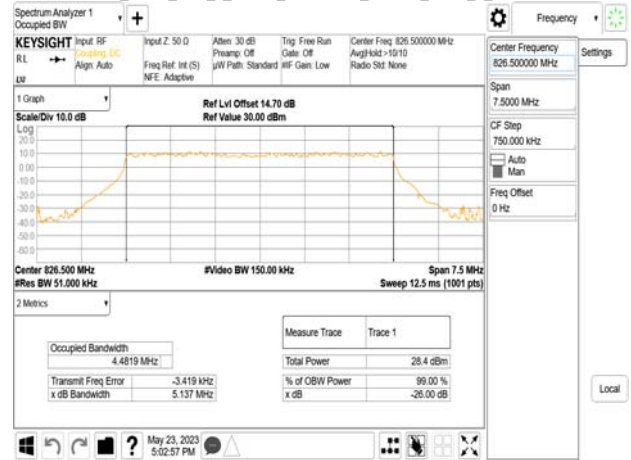
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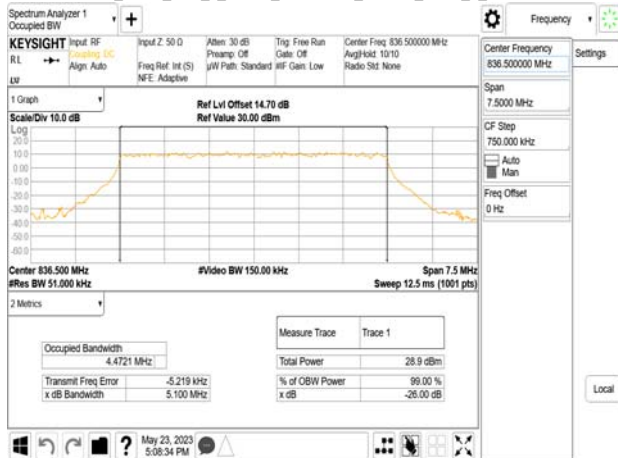
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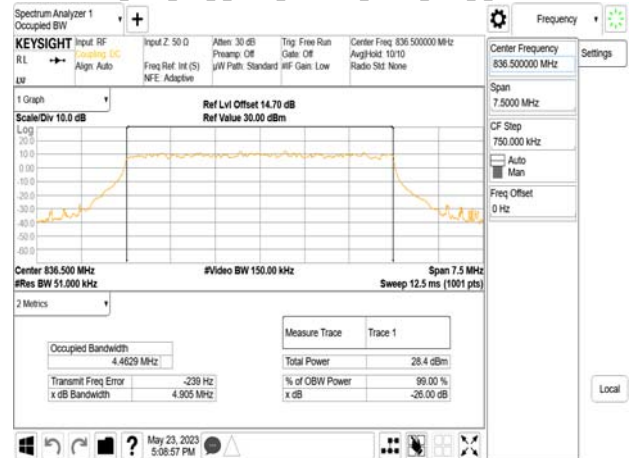
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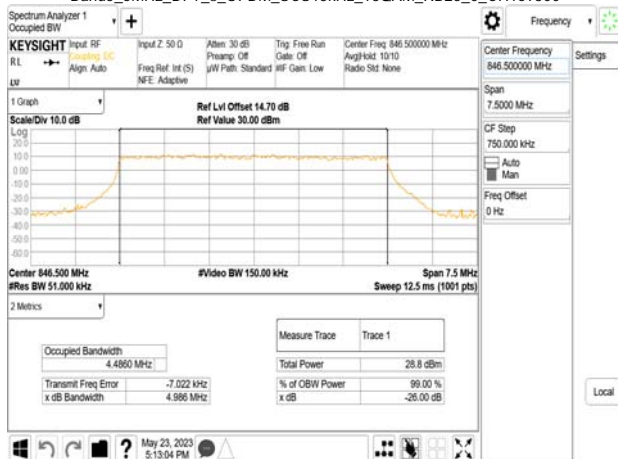
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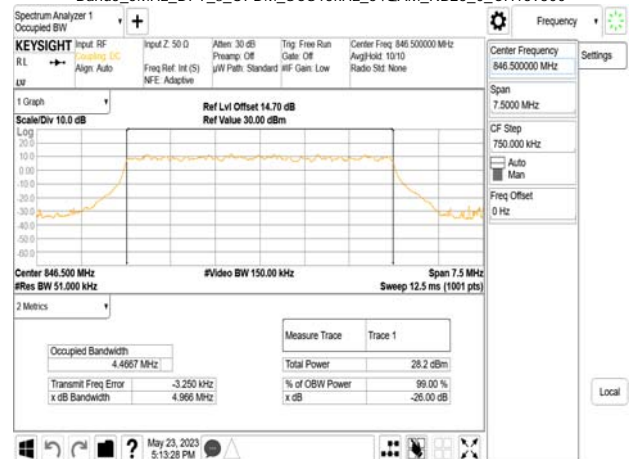
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Band5_5MHz_DFT_s_OFDM_SCS15kHz_16QAM_RB25_0_CH169300



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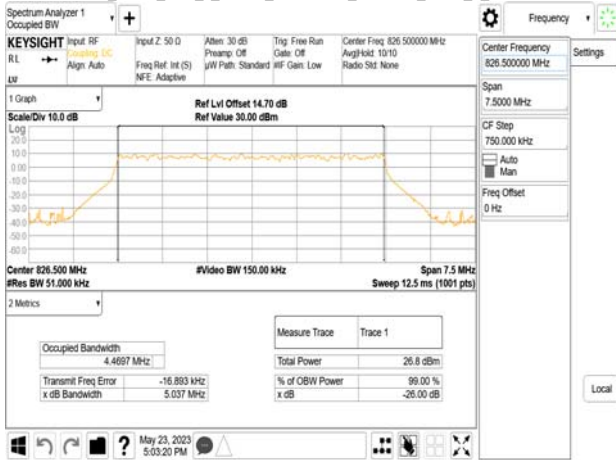


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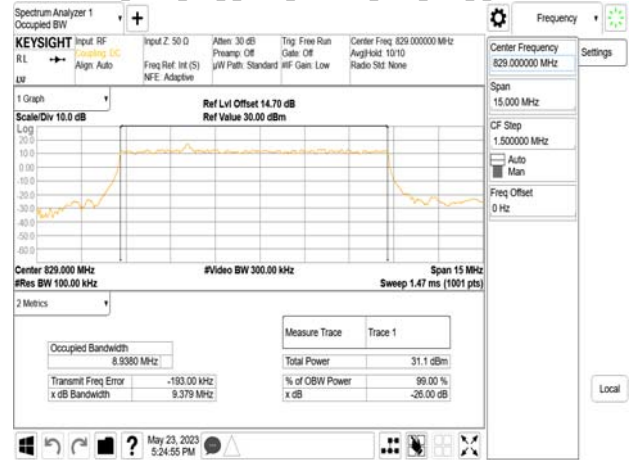
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Band5_5MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB25_0_CH165300



Band5_10MHz_DFT_s_OFDM_SCS15kHz_BPSK_RB50_0_CH165800



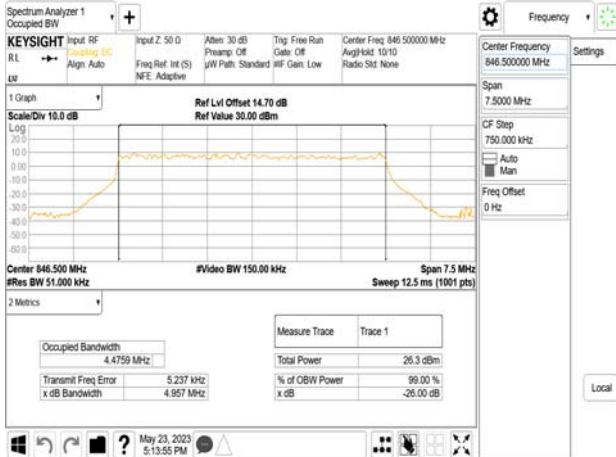
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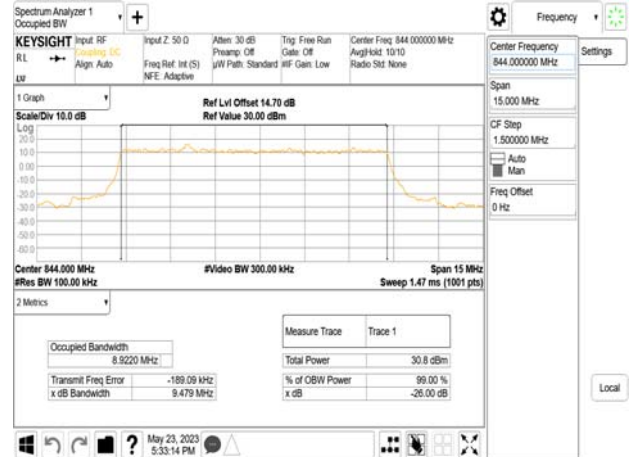
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Band5_5MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB25_0_CH169300



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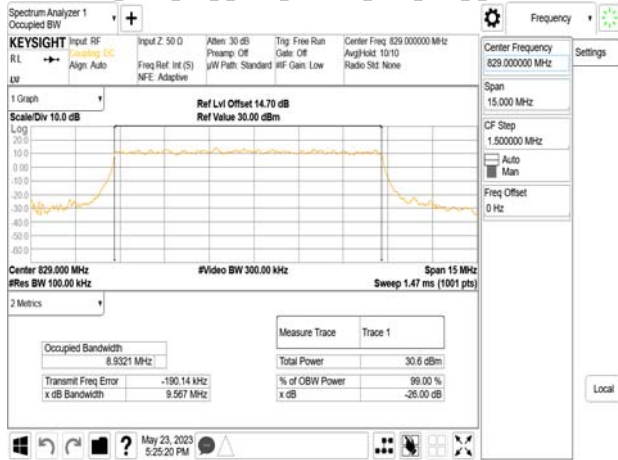


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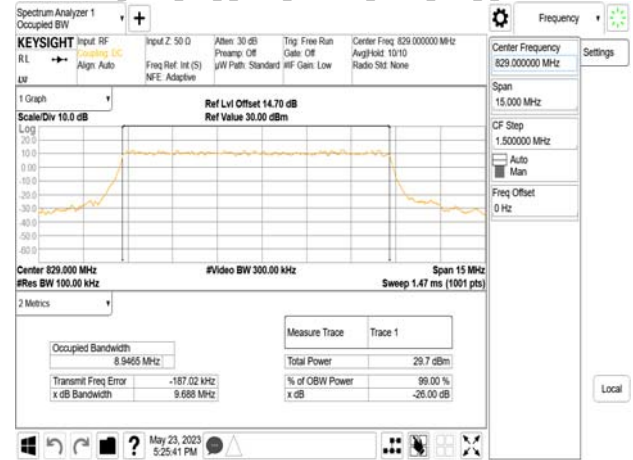
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Band5_10MHz_DFT_s_OFDM_SCS15kHz_QPSK_RB50_0_CH165800



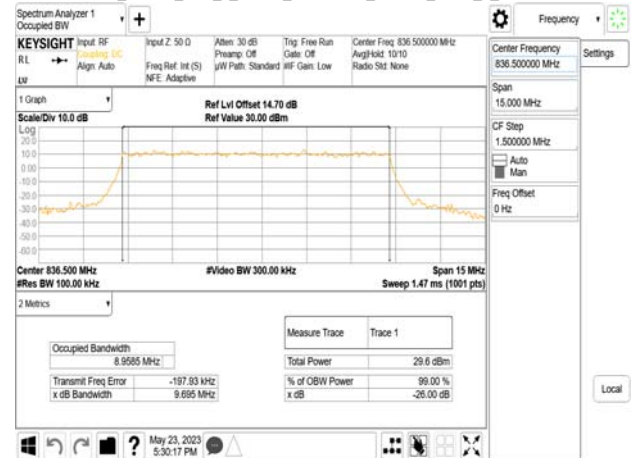
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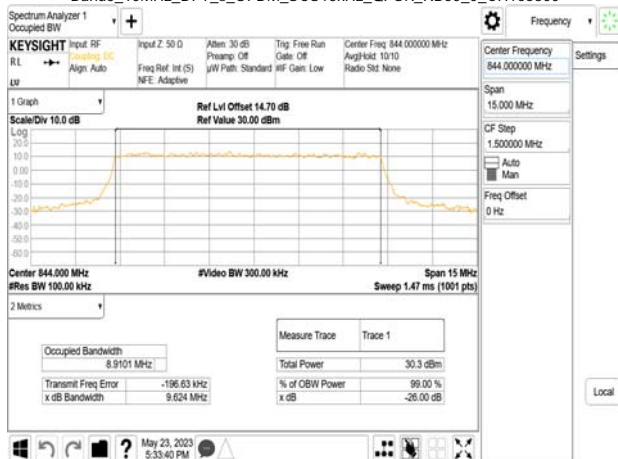
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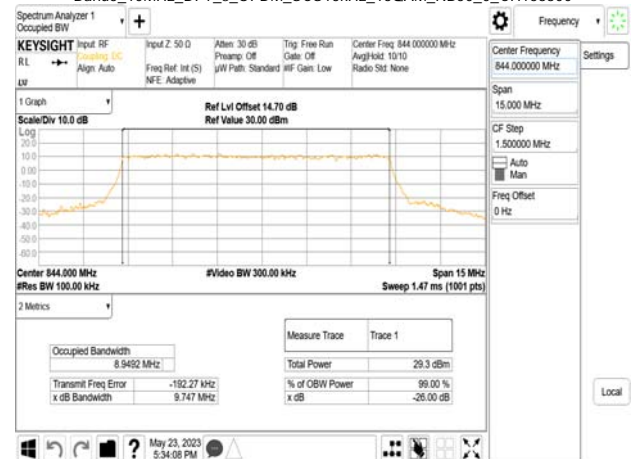
Band5_10MHz_DFT_s_OFDM_SCS15kHz_16QAM_RB50_0_CH167300



Band5_10MHz_DFT_s_OFDM_SCS15kHz_QPSK_RB50_0_CH168800



Band5_10MHz_DFT_s_OFDM_SCS15kHz_16QAM_RB50_0_CH168800

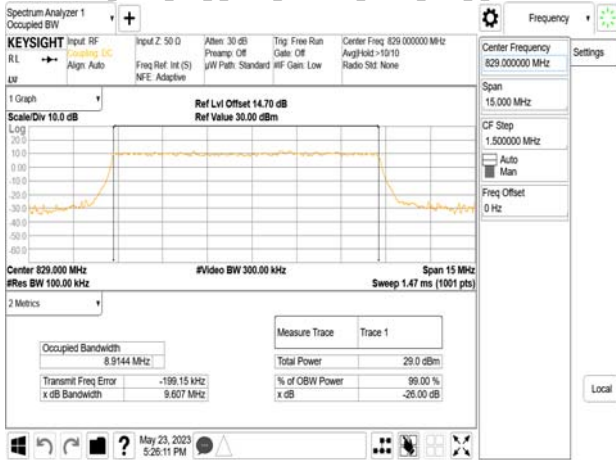


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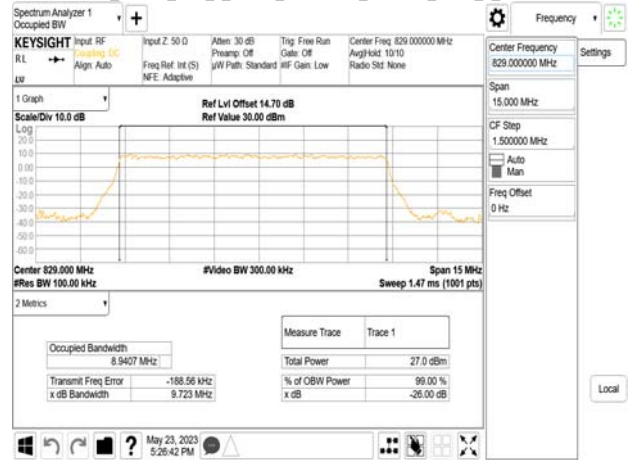
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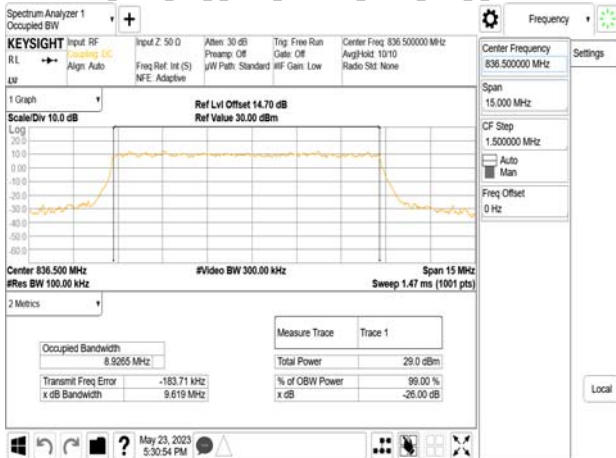
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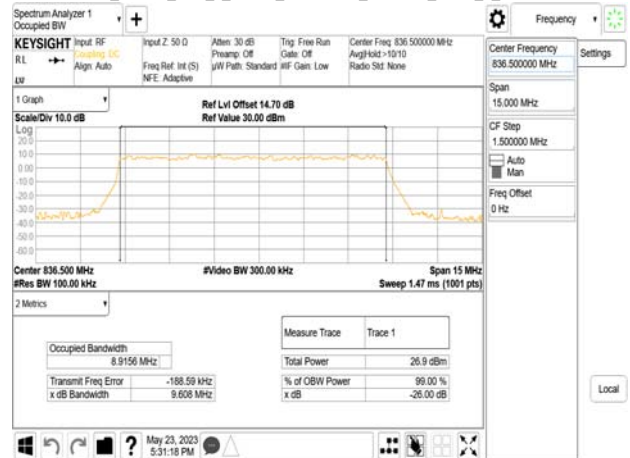
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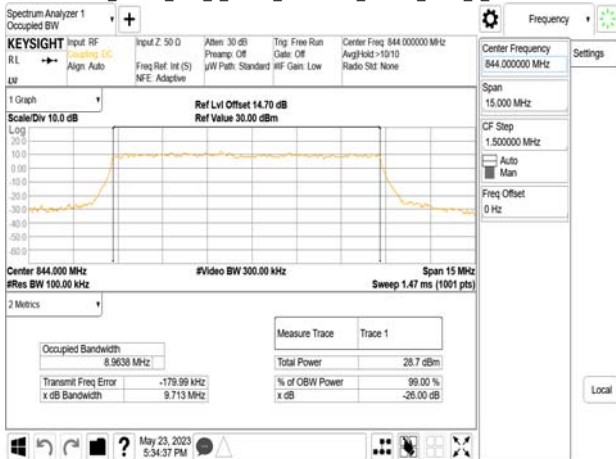
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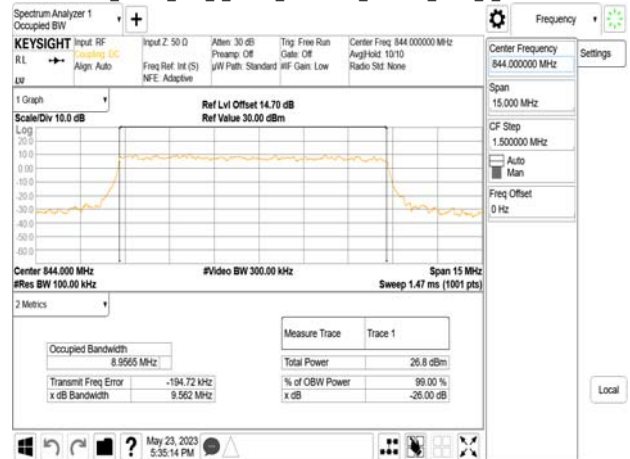
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Band5_10MHz_DFT_s_OFDM_SCS15kHz_64QAM_RB50_0_CH168800



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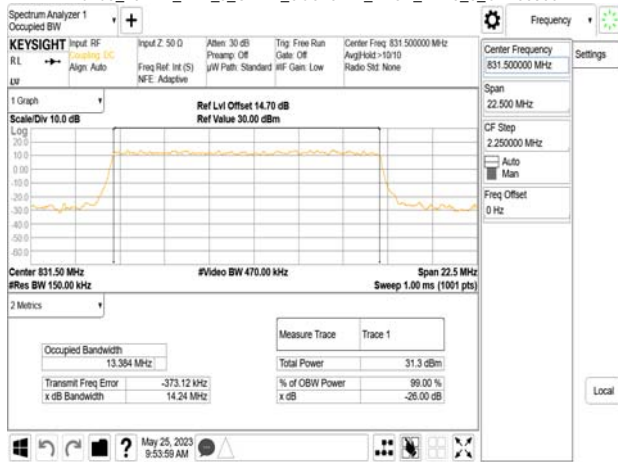


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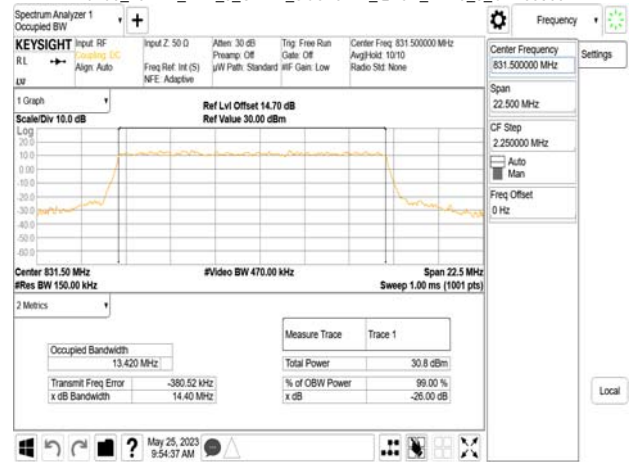
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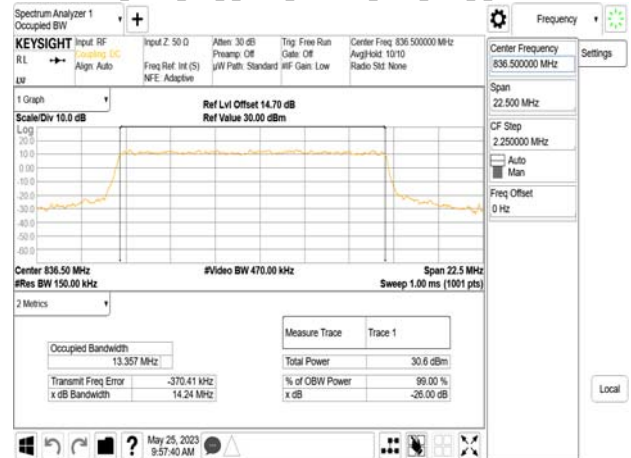
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Band5_15MHz_DFT_s_OFDM_SCS15kHz_BPSK_RB75_0_CH167300



Band5_15MHz_DFT_s_OFDM_SCS15kHz_QPSK_RB75_0_CH167300



Band5_15MHz_DFT_s_OFDM_SCS15kHz_BPSK_RB75_0_CH168300



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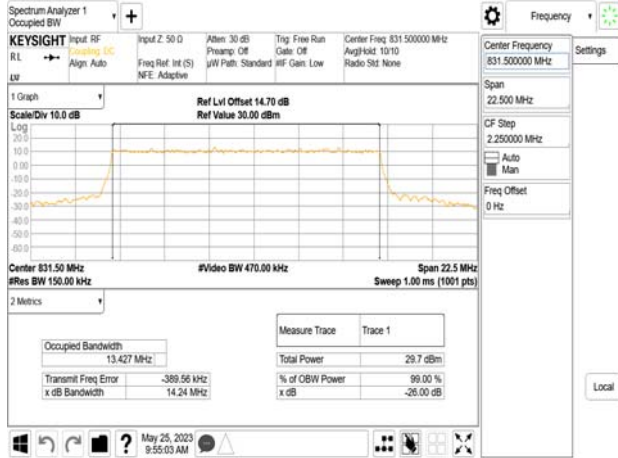


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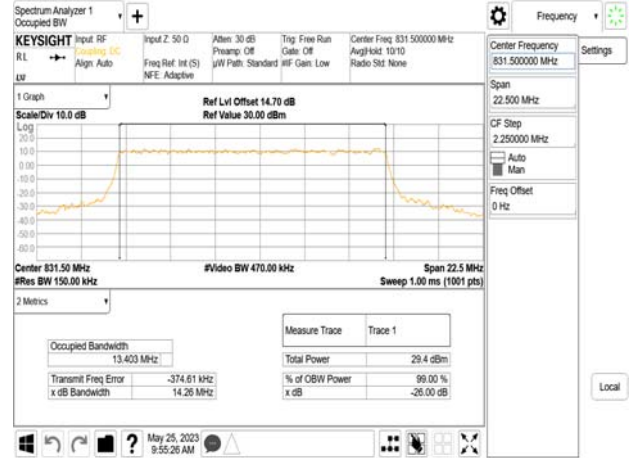
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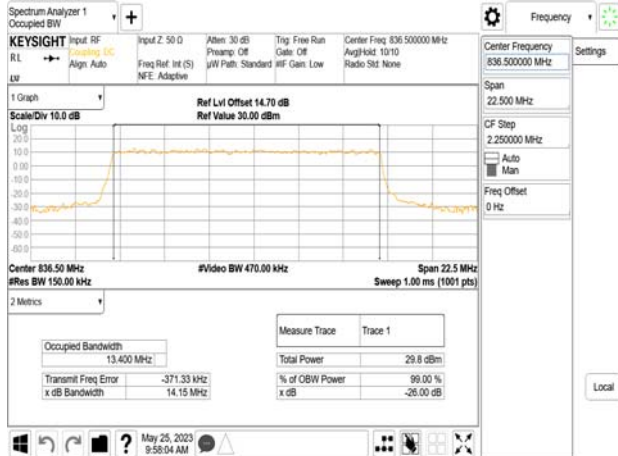
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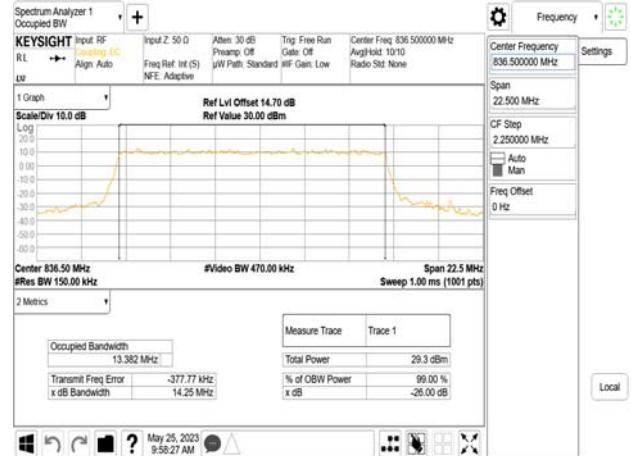
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Band5_15MHz_DFT_s_OFDM_SCS15kHz_64QAM_RB75_0_CH167300



Band5_15MHz_DFT_s_OFDM_SCS15kHz_16QAM_RB75_0_CH168300



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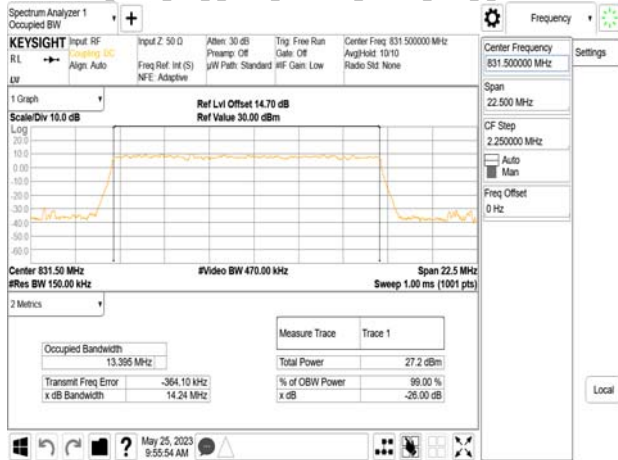


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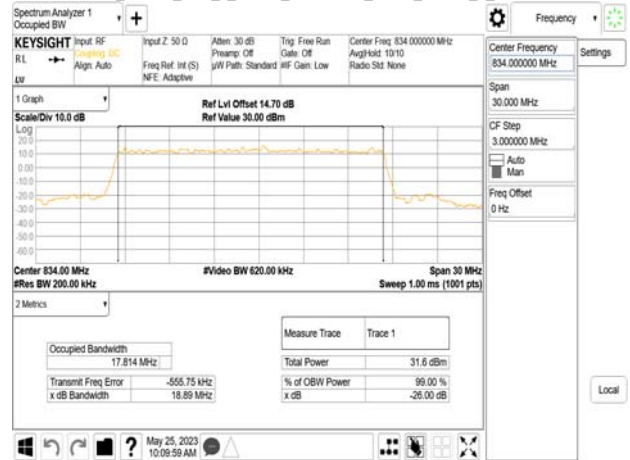
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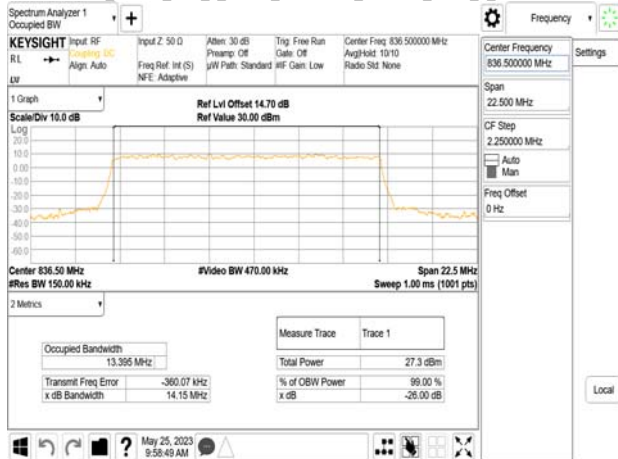
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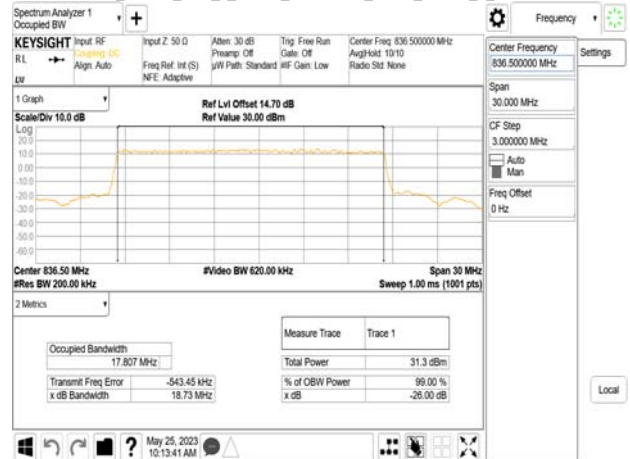
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Band5_20MHz_DFT_s_OFDM_SCS15kHz_BPSK_RB100_0_CH167300



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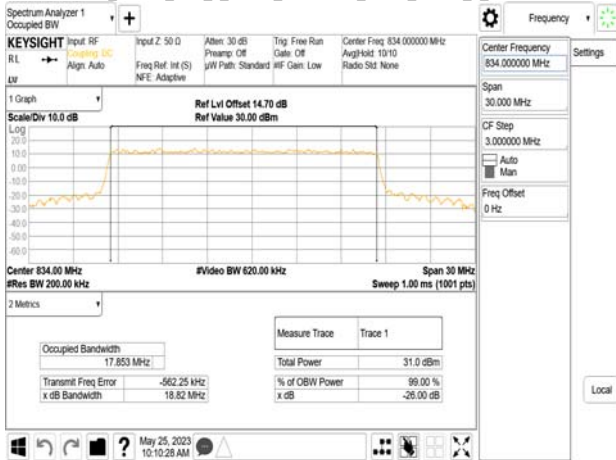


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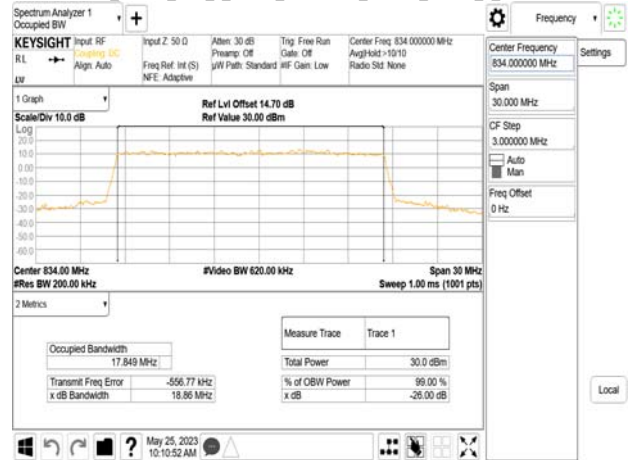
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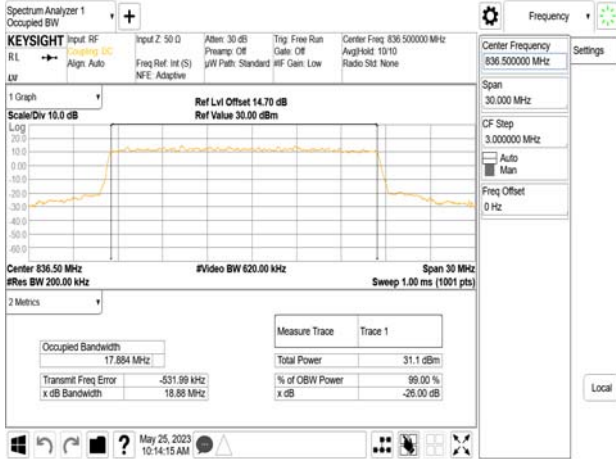
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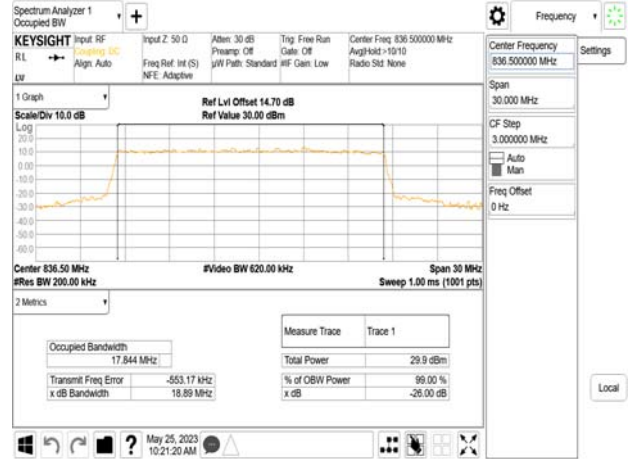
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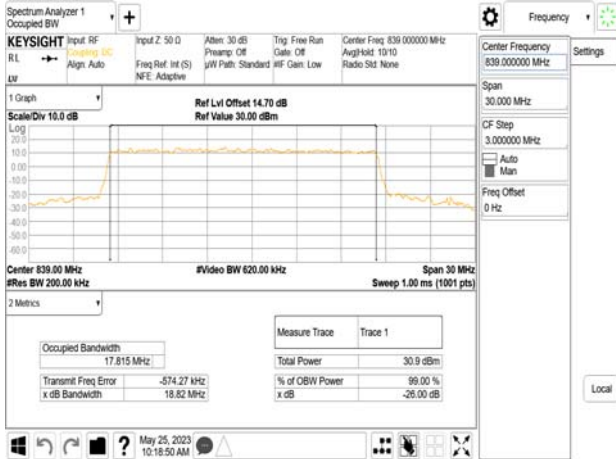
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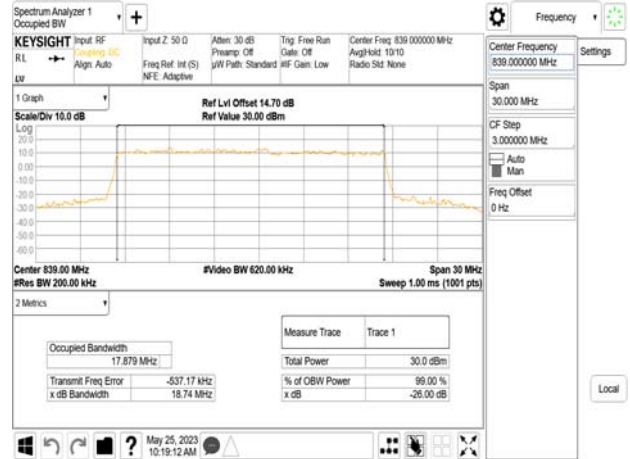
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Band5_20MHz_DFT_s_OFDM_SCS15kHz_QPSK_RB100_0_CH167800



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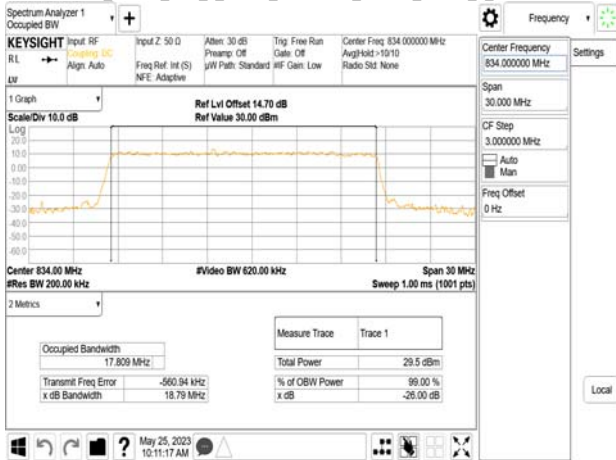


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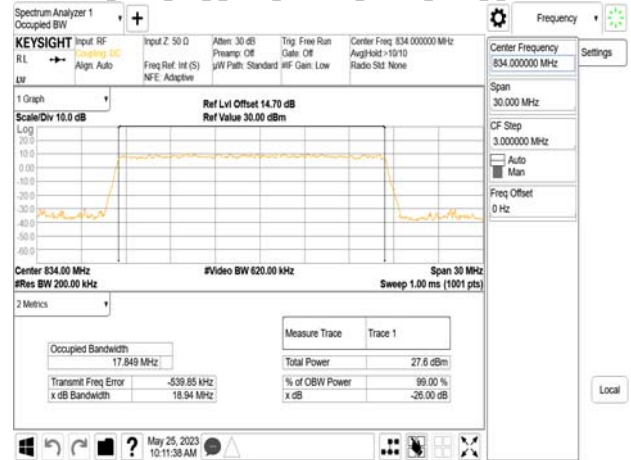
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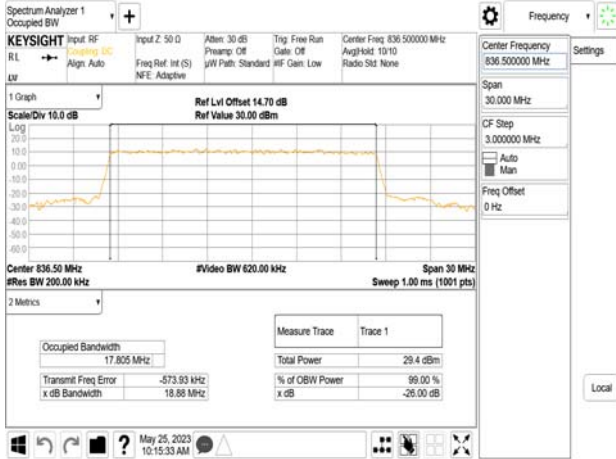
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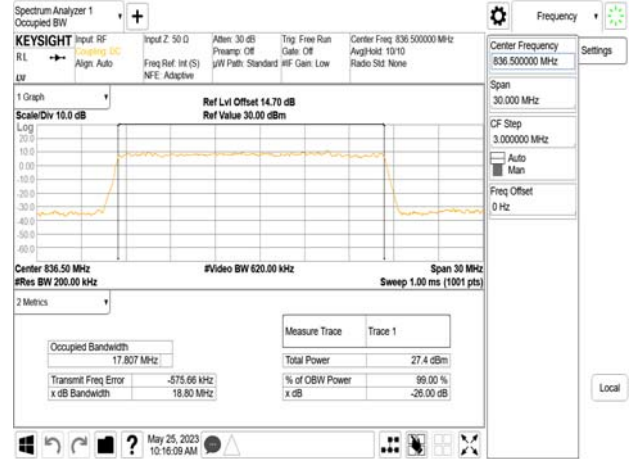
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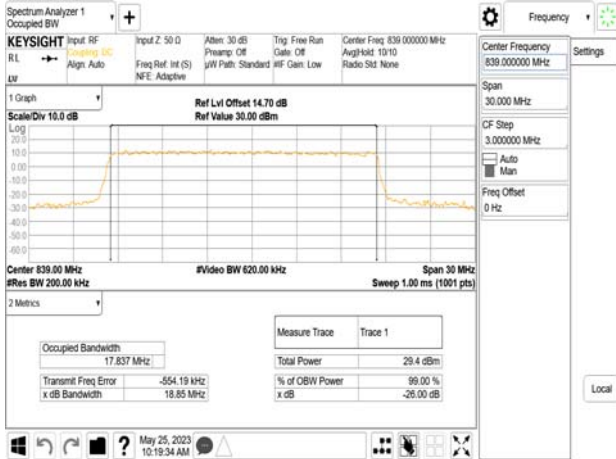
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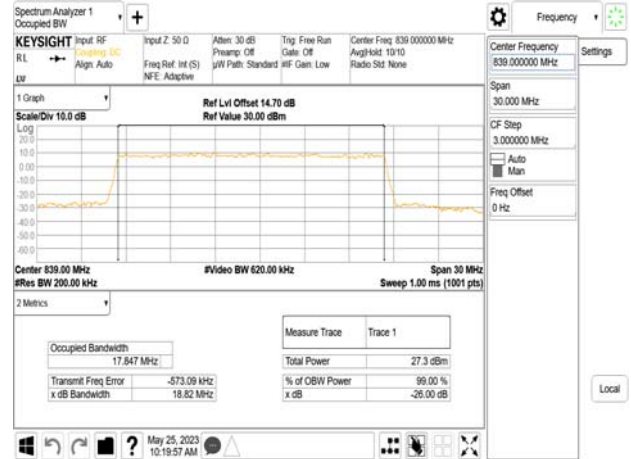
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Band5_20MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB100_0_CH167800



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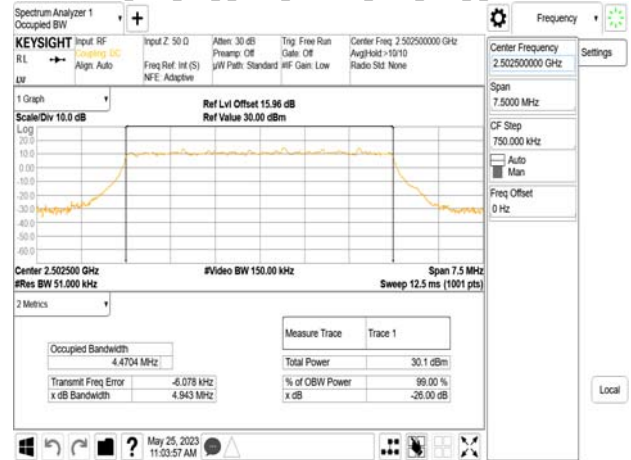
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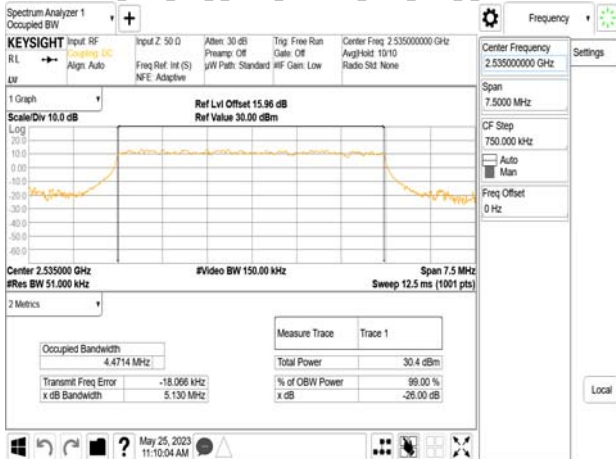
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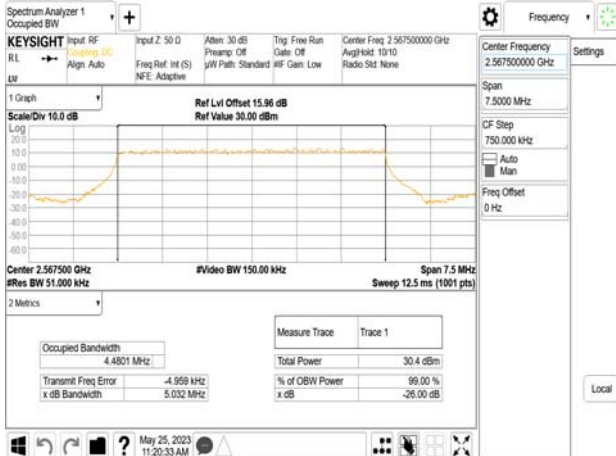
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Band7_5MHz_DFT_s_OFDM_SCS15kHz_BPSK_RB25_0_CH513500



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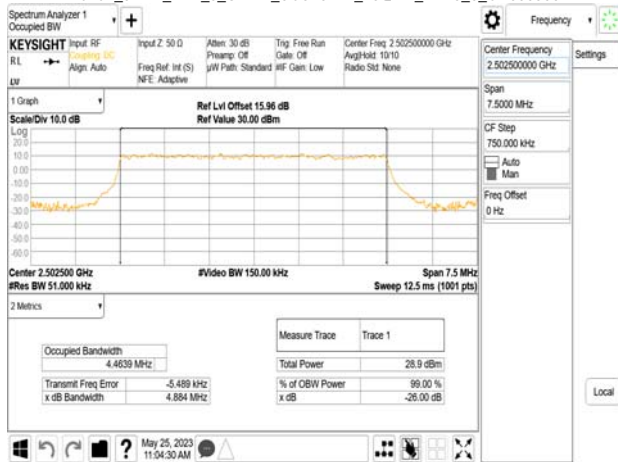


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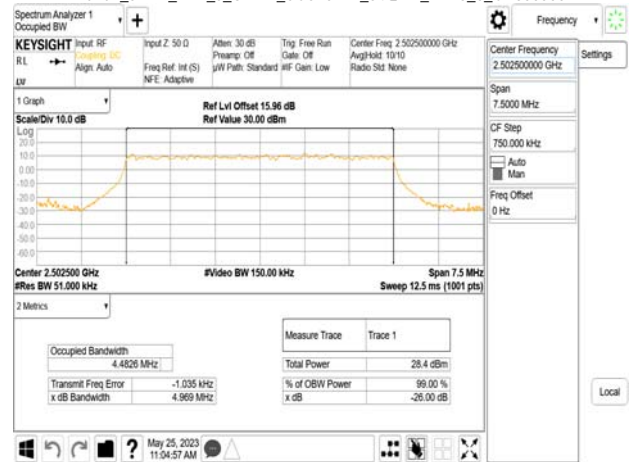
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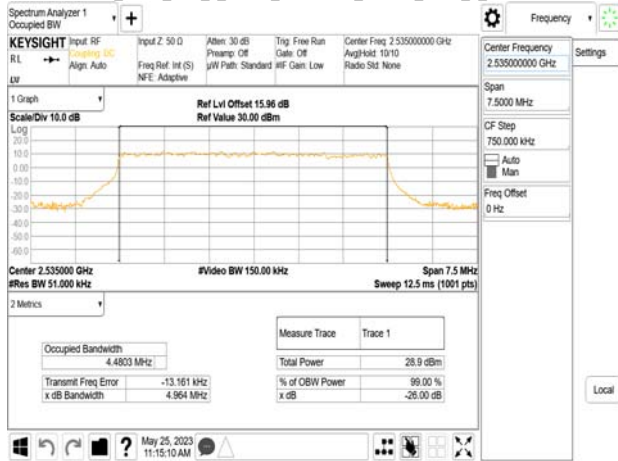
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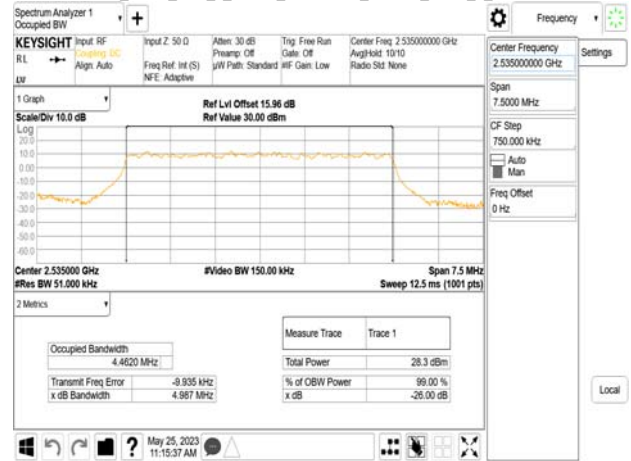
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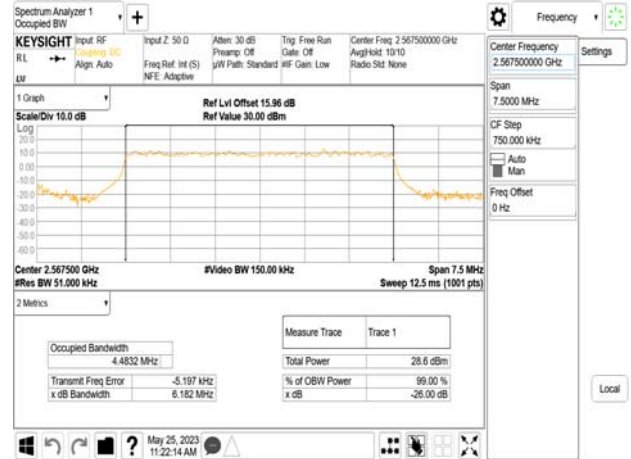
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Band7_5MHz_DFT_s_OFDM_SCS15kHz_64QAM_RB25_0_CH513500



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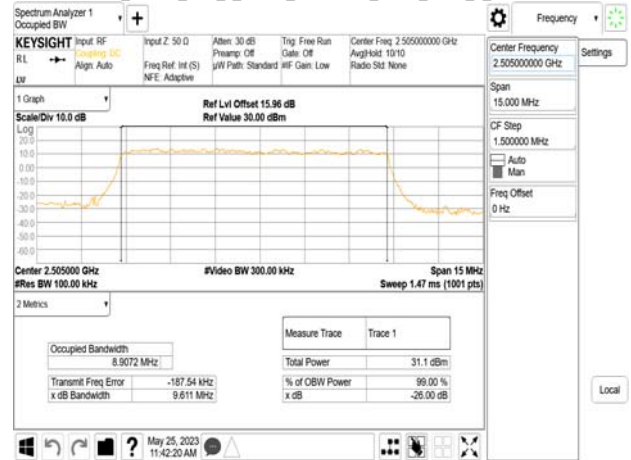
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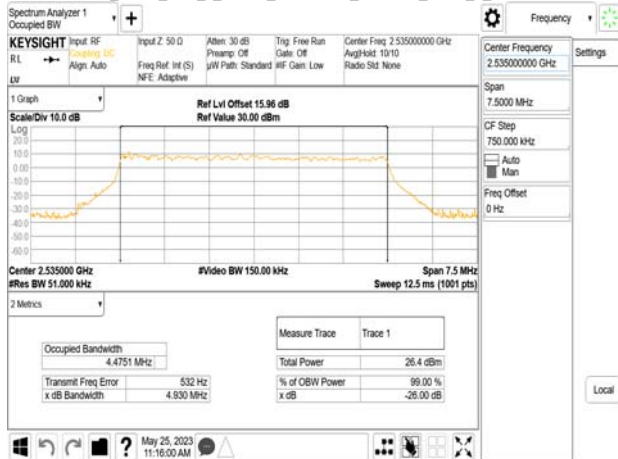
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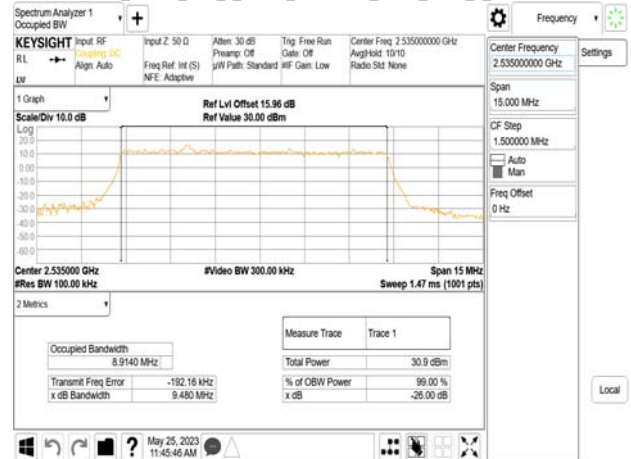
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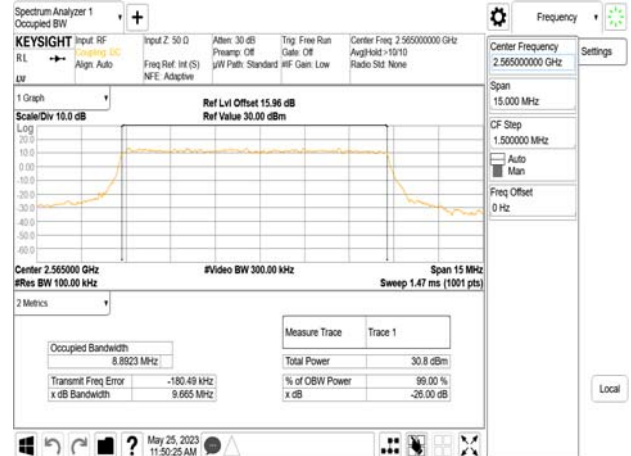
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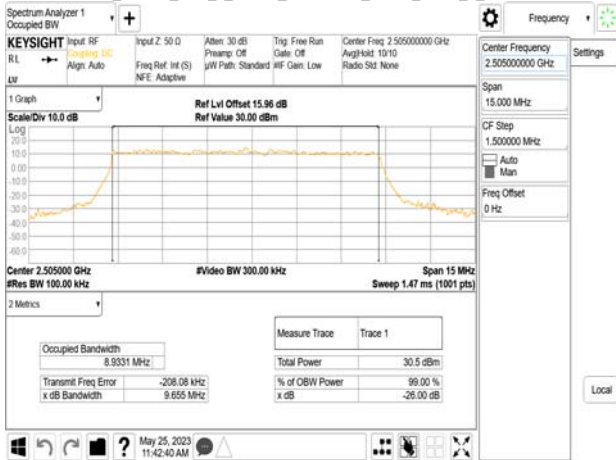


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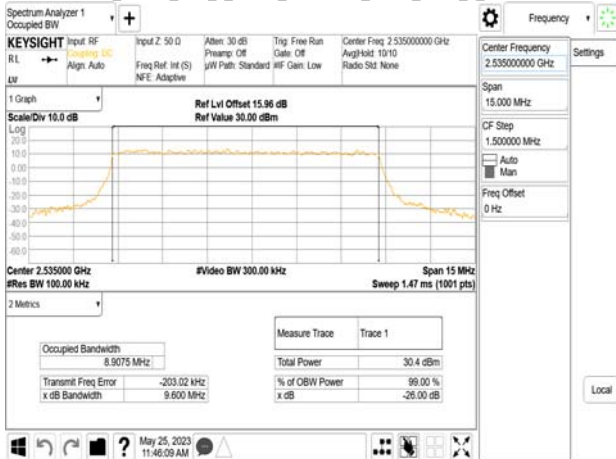
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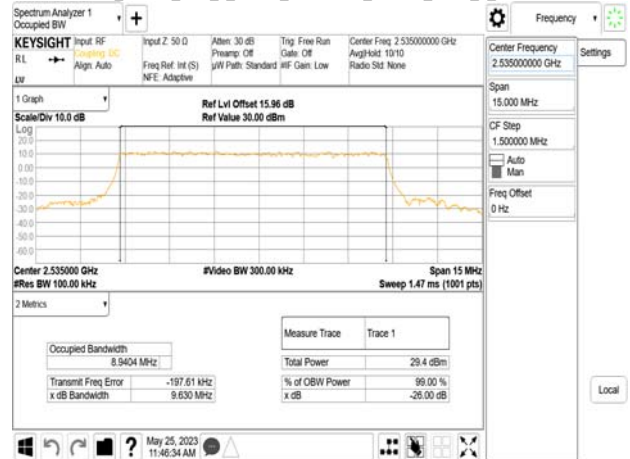
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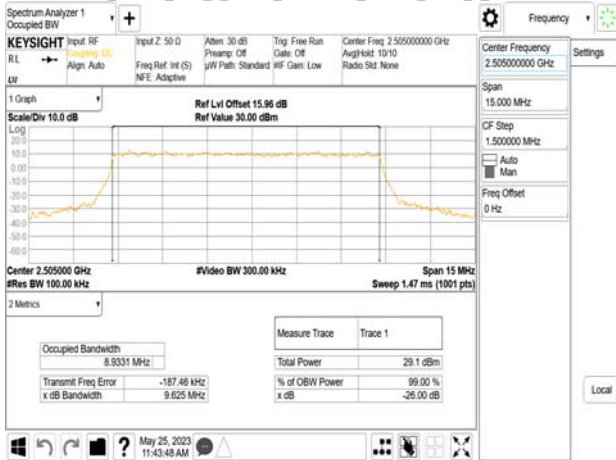


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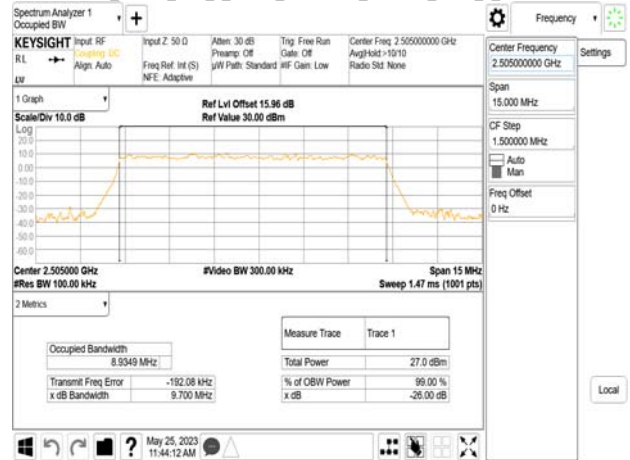
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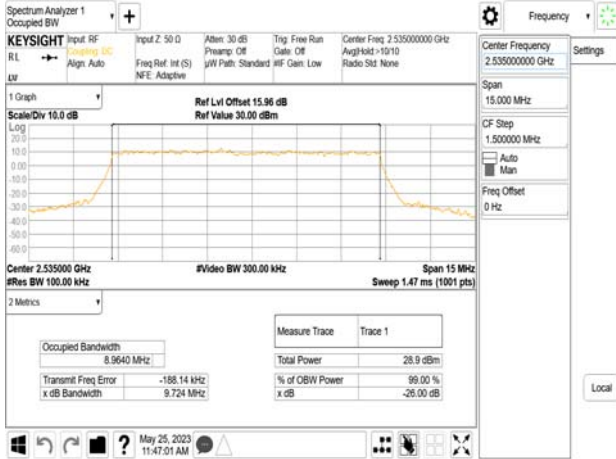
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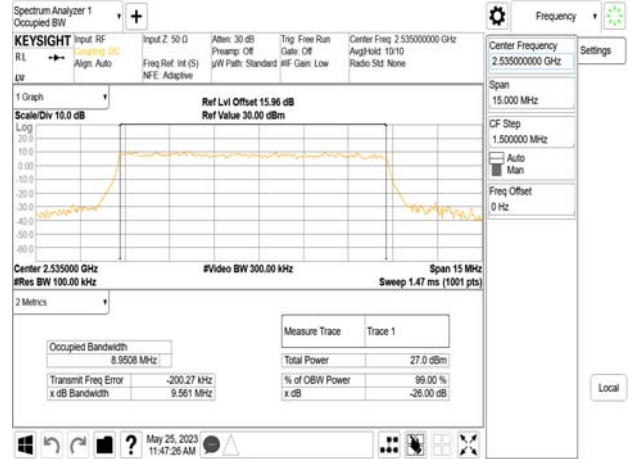
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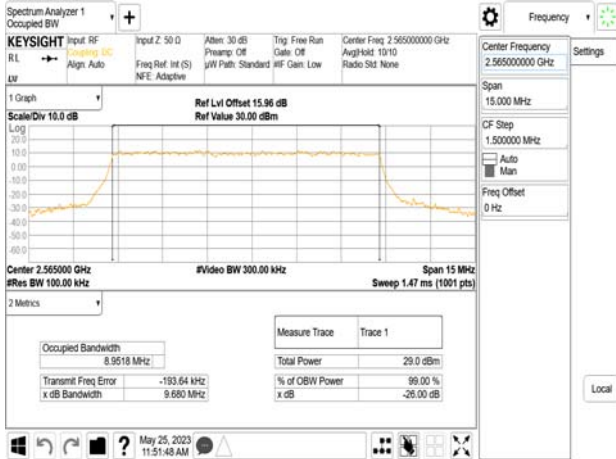
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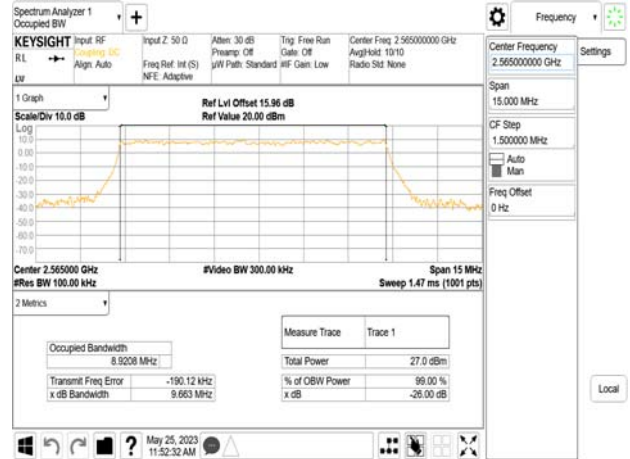
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Band7_10MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB50_0_CH513000



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