

TEST REPORT

Report Number: 15496277-E29V2

Applicant : APPLE, INC
1 APPLE PARK WAY
CUPERTINO, CA 95014, U.S.A.

Model : A3258

Brand : APPLE

FCC ID : BCG-E8947A

IC : 579C-E8947A

EUT Description : SMARTPHONE

Test Standard(s) : FCC 47 CFR PART 2, PART 27
ISED RSS-GEN ISSUE 5 + A1 + A2, RSS-199 ISSUE 4

Date Of Issue:
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Revision History

Rev.	Issue Date	Revisions	Revised By
V1	2025-08-12	Initial Review	--
V2	2025-08-14	TCB Feedback Section 6.5	Mengistu Mekuria and Matthew Wu

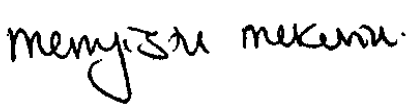
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1. ATTESTATION OF TEST RESULTS

Applicant Name and Address	APPLE, INC 1 APPLE PARK WAY CUPERTINO, CA 95014, U.S.A.	
Model	A3258	
Brand	APPLE	
FCC ID	BCG-E8947A	
IC	579C-E8947A	
EUT Description	SMARTPHONE	
Serial Number	RADIATED: DQMWH1905G, GQQ7TY7JLY J46VHKX6H, DMXG3RKJYV CONDUCTED: J6HHCW0001W0000WEZ, J6HHG2000FA0000WEZ, J6HHH50000V0000WEZ, J6HHCZ0000FP0000WEZ	
Sample Receipt Date	2024-11-12	
Date Tested	2024-11-12 to 2025-08-06	
Applicable Standards	FCC 47 CFR PART 2, PART 27 ISED RSS-GEN ISSUE 5 + A1 + A2, RSS-199 ISSUE 4	
Test Results	COMPLIES	
UL Verification Services Inc. tested the above equipment in accordance with the requirements set forth in the above standards. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report. The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein. It is the manufacturer's responsibility to assure that additional production units of this model are manufactured with identical electrical and mechanical components. All samples tested were in good operating condition throughout the entire test program. Measurement Uncertainties are published for informational purposes only and were not taken into account unless noted otherwise. This document may not be altered or revised in any way unless done so by UL Verification Services Inc. and all revisions are duly noted in the revisions section. Any alteration of this document not carried out by UL Verification Services Inc. will constitute fraud and shall nullify the document.		
Approved & Released By:	Reviewed By:	Prepared By:
		
Mengistu Mekuria Staff Engineer UL Verification Services Inc.	Tewodros Woldemichael Laboratory Engineer UL Verification Services Inc.	Matthew Wu Laboratory Engineer UL Verification Services Inc.

2. SUMMARY OF TEST RESULTS

This report contains data provided by the customer which can impact the validity of results. UL Verification Services Inc. is only responsible for correctly integrating customer-provided data with measurements performed by UL Verification Services Inc.

Below is a list of the data provided by the customer:

1. Antenna gain (see section 6.4)

Requirement Description	Requirement Clause Number (FCC)	Requirement Clause Number (ISED)	Result	Remarks
Equivalent Isotropic Radiated Power	27.50 (h) (2)	RSS199§5.5	Complies	
Occupied Bandwidth	2.1049	RSS- GEN§6.7RSS199§5.4	Complies	
Band Edge and Emission Mask	2.1051, 27.53 (m)(4) & (m) (6)	RSS199§5.6	Complies	
Out of Band Emissions	2.1051, 27.53 (m)(4) & (m) (6)	RSS199§5.6	Complies	
Frequency Stability	2.1055, 27.54	RSS199§5.4	Complies	
Peak-to-Average Ratio	-	RSS199§5.5	Complies	
Field Strength of Spurious Radiation	2.1053, 27.53 (m)(4) & (m) (6)	RSS199§5.6	Complies	

3. TEST METHODOLOGY

The tests documented in this report were performed in accordance with the following:

- ANSI C63.26:2015
- ANSI/TIA-603-E (2016)
- FCC 47 CFR Part 2, Part 27
- [FCC KDB 971168 D01](#): Power Meas License Digital Systems (ISED acceptable alternative procedure)
- [FCC KDB 971168 D02](#): Misc Rev Approv License Devices
- [FCC KDB 412172 D01](#): Determining ERP and EIRP
- ISED RSS-Gen Issue 5 + A1 + A2, RSS-199 Issue 4.

4. FACILITIES AND ACCREDITATION

UL Verification Services Inc. is accredited by A2LA, certification #0751.05, for all testing performed within the scope of this report. Testing was performed at the locations noted below.

	Address	ISED CABID	ISED Company Number	FCC Registration
☒	Building 1: 47173 Benicia Street, Fremont, CA 94538, USA	US0104	2324A	550739
☒	Building 2: 47266 Benicia Street, Fremont, CA 94538, USA			
☐	Building 3: 843 Auburn Court, Fremont, CA 94538, USA			
☒	Building 4: 47658 Kato Rd, Fremont, CA 94538, USA			
☒	Building 5: 47670 Kato Rd, Fremont, CA 94538, USA			

5. DECISION RULES AND MEASUREMENT UNCERTAINTY

5.1. METROLOGICAL TRACEABILITY

All test and measuring equipment utilized to perform the tests documented in this report are calibrated on a regular basis, with a maximum time between calibrations of one year or the manufacturers' recommendation, whichever is less, and where applicable is traceable to recognized national standards.

5.2. DECISION RULES

The Decision Rule is based on Simple Acceptance in accordance with ISO Guide 98-4:2012 Clause 8.2. (Measurement uncertainty is not taken into account when stating conformity with a specified requirement.)

5.3. MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the apparatus:

PARAMETER	U _{Lab}
Conducted Antenna Port Emission Measurement	1.940 dB
Power Spectral Density	2.466 dB
Time Domain Measurements Using SA	3.39 %
RF Power Measurement Direct Method Using Power Meter	0.450 dB Ave. 1.300 dB Peak
Radio Frequency (Spectrum Analyzer)	141.16 Hz
Occupied Bandwidth	1.22%
Worst Case Conducted Disturbance, 9KHz to 0.15 MHz	3.78 dB
Worst Case Conducted Disturbance, 0.15 to 30 MHz	3.40 dB
Worst Case Radiated Disturbance, 9KHz to 30 MHz	2.87 dB
Worst Case Radiated Disturbance, 30 to 1000 MHz	6.01 dB
Worst Case Radiated Disturbance, 1000 to 18000 MHz	4.73 dB
Worst Case Radiated Disturbance, 18000 to 26000 MHz	4.51 dB
Worst Case Radiated Disturbance, 26000 to 40000 MHz	5.29 dB

Uncertainty figures are valid to a confidence level of 95%.

5.4. SAMPLE CALCULATION

RADIATED EMISSIONS

Where relevant, the following sample calculation is provided:

Field Strength (dBuV/m) = Measured Voltage (dBuV) + Antenna Factor (dB/m) + Cable Loss (dB) – Preamp Gain (dB)
36.5 dBuV + 18.7 dB/m + 0.6 dB – 26.9 dB = 28.9 dBuV/m

6. EQUIPMENT UNDER TEST

6.1. DESCRIPTION OF EUT

The The Apple iPhone is a smartphone with cellular GSM, GPRS, EGPRS, WCDMA, LTE, 5G NR1, 5G NR2, IEEE 802.11a/b/g/n/ac/ax/be, Bluetooth (BT), Ultra-Wideband (UWB), Global Positioning System (GPS), Near-Field Communication (NFC), Narrow-Band (NB) UNII, 802.15.4, 802.15.4ab-Narrow Band (NB), Wireless Power Transfer (WPT) and Mobile Satellite Service (MSS) technologies. The rechargeable battery is not user accessible. This device is not user-serviceable and requires special tools to disassemble.

6.2. MAXIMUM OUTPUT POWER

EIRP/ERP TEST PROCEDURE

ANSI C63.26:2015
KDB 971168 D01 Section 5.6

$$\text{ERP/EIRP} = \text{PMeas} + \text{GT} - \text{LC}$$

where: ERP/EIRP = effective or equivalent radiated power, respectively (expressed in the same units as PMeas, typically dBW or dBm);

PMeas = measured transmitter output power or PSD, in dBm or dBW;

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

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

For devices utilizing multiple antennas, KDB 662911 provides guidance for determining the effective array transmit antenna gain term to be used in the above equation.

EUT includes different power levels for head use configuration and body use configuration and the below tables contain the highest of all configurations average conducted and ERP/EIRP output powers as follows:

LTE BAND 7

Part 27 / RSS 199									
EIRP Limit (W)			2.00						
Antenna Gain (dBi) (Ant 1)			-2.40						
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (MHz)	99% BW (kHz)	Emission Designator
5.0	QPSK	2502.5	2567.5	25.70	23.30	0.214	4.521	4521	4M52G7W
	16QAM			24.70	22.30	0.170	4.524	4524	4M52D7W
10.0	QPSK	2505.0	2565.0	25.69	23.29	0.213	8.996	8996	9M00G7W
	16QAM			24.70	22.30	0.170	9.024	9024	9M02D7W
15.0	QPSK	2507.5	2562.5	25.62	23.22	0.210	13.506	13506	13M5G7W
	16QAM			24.70	22.30	0.170	13.480	13480	13M5D7W
20.0	QPSK	2510.0	2560.0	25.61	23.21	0.209	17.969	17969	18M0G7W
	16QAM			24.70	22.30	0.170	17.976	17976	18M0D7W

5G NR n7

Part 27/ RSS199									
EIRP Limit (W)			2.00						
Antenna Gain (dBi) (Ant 1)			-2.40						
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (MHz)	99% BW (kHz)	Emission Designator
5.0	BPSK	2502.5	2567.5	25.70	23.30	0.214	4.509	4509	4M51G7W
	QPSK			25.70	23.30	0.214	4.514	4514	4M51G7W
	16QAM			24.70	22.30	0.170	4.505	4505	4M51D7W
10.0	BPSK	2505.0	2565.0	25.70	23.30	0.214	8.990	8990	8M99G7W
	QPSK			25.70	23.30	0.214	9.003	9003	9M00G7W
	16QAM			24.70	22.30	0.170	8.985	8985	8M99D7W
15.0	BPSK	2507.5	2562.5	25.70	23.30	0.214	13.489	13489	13M5G7W
	QPSK			25.70	23.30	0.214	13.473	13473	13M5G7W
	16QAM			24.67	22.27	0.169	13.458	13458	13M5D7W
20.0	BPSK	2510.0	2560.0	25.70	23.30	0.214	17.989	17989	18M0G7W
	QPSK			25.70	23.30	0.214	17.958	17958	18M0G7W
	16QAM			24.68	22.28	0.169	17.976	17976	18M0D7W
25.0	BPSK	2512.5	2557.5	25.70	23.30	0.214	22.963	22963	23M0G7W
	QPSK			25.70	23.30	0.214	22.952	22952	23M0G7W
	16QAM			24.69	22.29	0.169	22.987	22987	23M0D7W
30.0	BPSK	2515.0	2555.0	25.70	23.30	0.214	28.692	28692	28M7G7W
	QPSK			25.70	23.30	0.214	28.628	28628	28M6G7W
	16QAM			24.69	22.29	0.169	28.674	28674	28M7D7W
35.0	BPSK	2517.5	2552.5	25.68	23.28	0.213	32.200	32200	32M2G7W
	QPSK			25.70	23.30	0.214	32.306	32306	32M3G7W
	16QAM			24.70	22.30	0.170	32.260	32260	32M3D7W
40.0	BPSK	2520.0	2550.0	25.68	23.28	0.213	38.712	38712	38M7G7W
	QPSK			25.69	23.29	0.213	38.639	38639	38M6G7W
	16QAM			24.70	22.30	0.170	38.702	38702	38M7D7W
50.0	BPSK	2525.0	2545.0	25.69	23.29	0.213	48.297	48297	48M3G7W
	QPSK			25.69	23.29	0.213	48.328	48328	48M3G7W
	16QAM			24.70	22.30	0.170	48.274	48274	48M3D7W

ULCA LTE BAND 7

Part 27 / RSS 199									
EIRP Limit (W)		2.00							
Antenna Gain (dBi) (Ant 1)		-2.40							
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (MHz)	99% BW (kHz)	Emission Designator
10+20	QPSK	2505.5	2560.0	25.70	23.30	0.214	28.190	28190	28M2G7W
	16QAM			24.51	22.11	0.163	28.164	28164	28M2D7W
20+10	QPSK	2510.0	2564.5	25.49	23.09	0.204	28.144	28144	28M1G7W
	16QAM			24.62	22.22	0.167	28.120	28120	28M1D7W
15+15	QPSK	2507.5	2562.5	25.70	23.30	0.214	28.747	28747	28M7G7W
	16QAM			24.60	22.20	0.166	28.688	28688	28M7D7W
15+20	QPSK	2507.8	2560.0	25.70	23.30	0.214	33.013	33013	33M0G7W
	16QAM			24.56	22.16	0.164	32.965	32965	33M0D7W
20+15	QPSK	2510.0	2562.2	25.53	23.13	0.206	32.949	32949	32M9G7W
	16QAM			24.60	22.20	0.166	32.898	32898	32M9D7W
20+20	QPSK	2510.0	2560.0	25.59	23.19	0.208	37.824	37824	37M8G7W
	16QAM			24.67	22.27	0.169	37.828	37828	37M8D7W

LTE BAND 41 (FCC)

Part 27									
EIRP Limit (W)		2.00							
Antenna Gain (dBi) (Ant 4)		-0.20							
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (MHz)	99% BW (kHz)	Emission Designator
5.0	QPSK	2498.5	2687.5	27.70	27.50	0.562	4.507	4507	4M51G7W
	16QAM			26.63	26.43	0.440	4.501	4501	4M50D7W
10.0	QPSK	2501.0	2685.0	27.70	27.50	0.562	9.009	9009	9M01G7W
	16QAM			26.67	26.47	0.444	9.003	9003	9M00D7W
15.0	QPSK	2503.5	2682.5	27.70	27.50	0.562	13.466	13466	13M5G7W
	16QAM			26.69	26.49	0.446	13.493	13493	13M5D7W
20.0	QPSK	2506.0	2680.0	27.70	27.50	0.562	17.933	17933	17M9G7W
	16QAM			26.64	26.44	0.441	17.964	17964	18M0D7W

5G NR n41 (FCC)

Part 27									
EIRP Limit (W)		2.00							
Antenna Gain (dBi) (Ant 4)		-0.20							
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (MHz)	99% BW (kHz)	Emission Designator
10.0	BPSK	2501.0	2685.0	27.68	27.48	0.560	8.685	8685	8M69G7W
	QPSK			27.70	27.50	0.562	8.689	8689	8M69G7W
	16QAM			26.58	26.38	0.435	8.667	8667	8M67D7W
15.0	BPSK	2503.5	2682.5	27.70	27.50	0.562	12.993	12993	13M0G7W
	QPSK			27.68	27.48	0.560	12.997	12997	13M0G7W
	16QAM			26.57	26.37	0.434	12.977	12977	13M0D7W
20.0	BPSK	2506.0	2680.0	27.67	27.47	0.558	17.980	17980	18M0G7W
	QPSK			27.70	27.50	0.562	17.995	17995	18M0G7W
	16QAM			26.51	26.31	0.428	17.994	17994	18M0D7W
25.0	BPSK	2508.5	2677.5	27.70	27.50	0.562	23.014	23014	23M0G7W
	QPSK			27.69	27.49	0.561	23.028	23028	23M0G7W
	16QAM			26.70	26.50	0.447	23.000	23000	23M0D7W
30.0	BPSK	2511.0	2675.0	27.70	27.50	0.562	26.970	26970	27M0G7W
	QPSK			27.65	27.45	0.556	27.005	27005	27M0G7W
	16QAM			26.69	26.49	0.446	26.933	26933	26M9D7W
35.0	BPSK	2513.5	2672.5	27.66	27.46	0.557	32.359	32359	32M4G7W
	QPSK			27.70	27.50	0.562	32.312	32312	32M3G7W
	16QAM			26.64	26.44	0.441	32.362	32362	32M4D7W
40.0	BPSK	2516.0	2670.0	27.70	27.50	0.562	35.980	35980	36M0G7W
	QPSK			27.69	27.49	0.561	35.945	35945	35M9G7W
	16QAM			26.69	26.49	0.446	35.909	35909	35M9D7W
45.0	BPSK	2518.5	2667.5	27.70	27.50	0.562	38.833	38833	38M8G7W
	QPSK			27.69	27.49	0.561	38.714	38714	38M7G7W
	16QAM			26.68	26.48	0.445	38.802	38802	38M8D7W
50.0	BPSK	2521.0	2665.0	27.67	27.47	0.558	45.929	45929	45M9G7W
	QPSK			27.70	27.50	0.562	45.914	45914	45M9G7W
	16QAM			26.67	26.47	0.444	45.917	45917	45M9D7W
60.0	BPSK	2526.0	2660.0	27.69	27.49	0.561	58.112	58112	58M1G7W
	QPSK			27.70	27.50	0.562	58.132	58132	58M1G7W
	16QAM			26.69	26.49	0.446	57.983	57983	58M0D7W
70.0	BPSK	2531.0	2655.0	27.70	27.50	0.562	64.639	64639	64M6G7W
	QPSK			27.70	27.50	0.562	64.722	64722	64M7G7W
	16QAM			26.67	26.47	0.444	64.584	64584	64M6D7W
80.0	BPSK	2536.0	2650.0	27.69	27.49	0.561	77.483	77483	77M5G7W
	QPSK			27.70	27.50	0.562	77.426	77426	77M4G7W
	16QAM			26.68	26.48	0.445	77.494	77494	77M5D7W
90.0	BPSK	2541.0	2645.0	27.68	27.48	0.560	87.159	87159	87M2G7W
	QPSK			27.70	27.50	0.562	87.190	87190	87M2G7W
	16QAM			26.68	26.48	0.445	87.224	87224	87M2D7W
100.0	BPSK	2546.0	2640.0	27.70	27.50	0.562	96.898	96898	96M9G7W
	QPSK			27.68	27.48	0.560	97.010	97010	97M0G7W
	16QAM			26.67	26.47	0.444	96.839	96839	96M8D7W

ULCA LTE BAND 41 (FCC)

Part 27									
EIRP Limit (W)		2.00							
Antenna Gain (dBi) (Ant 4)		-0.20							
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (MHz)	99% BW (kHz)	Emission Designator
5+20	QPSK	2499.3	2680.0	27.58	27.38	0.547	23.315	23315	23M3G7W
	16QAM			25.86	25.66	0.368	23.233	23233	23M2D7W
20+5	QPSK	2506.0	2686.7	27.50	27.30	0.537	23.284	23284	23M3G7W
	16QAM			25.99	25.79	0.379	23.293	23293	23M3D7W
10+20	QPSK	2501.5	2680.0	27.47	27.27	0.533	28.129	28129	28M1G7W
	16QAM			26.04	25.84	0.384	28.067	28067	28M1D7W
20+10	QPSK	2506.0	2684.5	27.59	27.39	0.548	28.027	28027	28M0G7W
	16QAM			25.98	25.78	0.378	28.101	28101	28M1D7W
15+15	QPSK	2503.5	2682.5	27.64	27.44	0.555	28.593	28593	28M6G7W
	16QAM			26.01	25.81	0.381	28.626	28626	28M6D7W
15+20	QPSK	2503.8	2680.0	27.68	27.48	0.560	32.894	32894	32M9G7W
	16QAM			25.99	25.79	0.379	32.905	32905	32M9D7W
20+15	QPSK	2506.0	2682.2	27.47	27.27	0.533	32.894	32894	32M9G7W
	16QAM			25.83	25.63	0.366	32.836	32836	32M8D7W
20+20	QPSK	2506.0	2680.0	27.67	27.47	0.558	37.757	37757	37M8G7W
	16QAM			25.93	25.73	0.374	37.674	37674	37M7D7W

LTE BAND 41 (IC)

RSS 199									
EIRP Limit (W)		2.00							
Antenna Gain (dBi) (Ant 4)		-0.20							
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (MHz)	99% BW (kHz)	Emission Designator
5.0	QPSK	2502.5	2687.5	27.70	27.50	0.562	4.505	4505	4M51G7W
	16QAM			26.65	26.45	0.442	4.506	4506	4M51D7W
10.0	QPSK	2505.0	2685.0	25.68	25.48	0.353	9.025	9025	9M03G7W
	16QAM			27.70	27.50	0.562	9.008	9008	9M01D7W
15.0	QPSK	2507.5	2682.5	27.70	27.50	0.562	13.494	13494	13M5G7W
	16QAM			26.65	26.45	0.442	13.528	13528	13M5D7W
20.0	QPSK	2510.0	2680.0	27.70	27.50	0.562	17.955	17955	18M0G7W
	16QAM			26.67	26.47	0.444	17.971	17971	18M0D7W

5G NR n41 (IC)

RSS 199									
EIRP Limit (W)		2.00							
Antenna Gain (dBi) (Ant 4)		-0.20							
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (MHz)	99% BW (kHz)	Emission Designator
10.0	BPSK	2505.0	2685.0	27.66	27.46	0.557	8.669	8669	8M67G7W
	QPSK			27.66	27.46	0.557	8.659	8659	8M66G7W
	16QAM			26.70	26.50	0.447	8.683	8683	8M68D7W
15.0	BPSK	2507.5	2682.5	27.69	27.49	0.561	12.981	12981	13M0G7W
	QPSK			27.67	27.47	0.558	12.983	12983	13M0G7W
	16QAM			26.62	26.42	0.439	12.995	12995	13M0D7W
20.0	BPSK	2510.0	2680.0	27.70	27.50	0.562	17.986	17986	18M0G7W
	QPSK			27.67	27.47	0.558	18.021	18021	18M0G7W
	16QAM			26.69	26.49	0.446	17.981	17981	18M0D7W
25.0	BPSK	2512.5	2677.5	27.67	27.47	0.558	23.001	23001	23M0G7W
	QPSK			27.70	27.50	0.562	23.009	23009	23M0G7W
	16QAM			26.70	26.50	0.447	23.054	23054	23M1D7W
30.0	BPSK	2515.0	2675.0	27.70	27.50	0.562	26.951	26951	27M0G7W
	QPSK			27.69	27.49	0.561	26.889	26889	26M9G7W
	16QAM			26.68	26.48	0.445	26.932	26932	26M9D7W
35.0	BPSK	2517.5	2672.5	27.70	27.50	0.562	32.345	32345	32M3G7W
	QPSK			27.68	27.48	0.560	32.333	32333	32M3G7W
	16QAM			26.67	26.47	0.444	32.296	32296	32M3D7W
40.0	BPSK	2520.0	2670.0	27.69	27.49	0.561	35.920	35920	35M9G7W
	QPSK			27.70	27.50	0.562	35.925	35925	35M9G7W
	16QAM			26.70	26.50	0.447	35.923	35923	35M9D7W
45.0	BPSK	2522.5	2667.5	27.70	27.50	0.562	38.758	38758	38M8G7W
	QPSK			27.68	27.48	0.560	38.832	38832	38M8G7W
	16QAM			26.67	26.47	0.444	38.782	38782	38M8D7W
50.0	BPSK	2525.0	2665.0	27.70	27.50	0.562	45.980	45980	46M0G7W
	QPSK			27.69	27.49	0.561	45.957	45957	46M0G7W
	16QAM			26.70	26.50	0.447	45.901	45901	45M9D7W
60.0	BPSK	2530.0	2660.0	27.70	27.50	0.562	58.056	58056	58M1G7W
	QPSK			27.69	27.49	0.561	58.036	58036	58M0G7W
	16QAM			26.63	26.43	0.440	58.012	58012	58M0D7W
70.0	BPSK	2535.0	2655.0	27.65	27.45	0.556	64.737	64737	64M7G7W
	QPSK			27.70	27.50	0.562	64.645	64645	64M6G7W
	16QAM			26.70	26.50	0.447	64.616	64616	64M6D7W
80.0	BPSK	2540.0	2650.0	27.70	27.50	0.562	77.500	77500	77M5G7W
	QPSK			27.70	27.50	0.562	77.463	77463	77M5G7W
	16QAM			26.70	26.50	0.447	77.475	77475	77M5D7W
90.0	BPSK	2545.0	2645.0	27.68	27.48	0.560	87.176	87176	87M2G7W
	QPSK			27.69	27.49	0.561	87.076	87076	87M1G7W
	16QAM			26.70	26.50	0.447	87.146	87146	87M1D7W
100.0	BPSK	2550.0	2640.0	27.69	27.49	0.561	96.876	96876	96M9G7W
	QPSK			27.68	27.48	0.560	96.818	96818	96M8G7W
	16QAM			26.70	26.50	0.447	96.772	96772	96M8D7W

ULCA LTE BAND 41 (IC)

RSS 199									
EIRP Limit (W)		2.00							
Antenna Gain (dBi) (Ant 4)		-0.20							
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (MHz)	99% BW (kHz)	Emission Designator
5+20	QPSK	2503.3	2680.0	27.68	27.48	0.560	23.291	23291	23M3G7W
	16QAM			26.15	25.95	0.394	23.280	23280	23M3D7W
20+5	QPSK	2510.0	2686.7	27.67	27.47	0.558	23.315	23315	23M3G7W
	16QAM			26.11	25.91	0.390	23.260	23260	23M3D7W
10+20	QPSK	2505.5	2680.0	27.69	27.49	0.561	28.156	28156	28M2G7W
	16QAM			26.13	25.93	0.392	28.041	28041	28M0D7W
20+10	QPSK	2510.0	2684.5	27.69	27.49	0.561	28.047	28047	28M0G7W
	16QAM			26.11	25.91	0.390	28.070	28070	28M1D7W
15+15	QPSK	2507.5	2682.5	27.68	27.48	0.560	28.608	28608	28M6G7W
	16QAM			26.19	25.99	0.397	28.556	28556	28M6D7W
15+20	QPSK	2507.8	2680.0	27.67	27.47	0.558	32.946	32946	32M9G7W
	16QAM			26.15	25.95	0.394	32.957	32957	33M0D7W
20+15	QPSK	2510.0	2682.2	27.70	27.50	0.562	32.958	32958	33M0G7W
	16QAM			26.11	25.91	0.390	32.951	32951	33M0D7W
20+20	QPSK	2510.0	2680.0	27.65	27.45	0.556	37.715	37715	37M7G7W
	16QAM			26.11	25.91	0.390	37.699	37699	37M7D7W

6.3. SOFTWARE AND FIRMWARE

The EUT firmware installed during testing was version 0.8.0.0.

6.4. MAXIMUM ANTENNA GAIN AND MAXIMUM ALLOWED OUTPUT POWER

The IFA antenna(s) gain, as provided by the manufacturer' are as follows:

Bands	Frequency Range (MHz)	Antenna Gain (dBi)				Max Allowed Conducted Output Power (dBm)				ERP/EIRP (dBm)			
		ANT1	ANT2	ANT3	ANT4	ANT1	ANT2	ANT3	ANT4	ANT1	ANT2	ANT3	ANT4
LTE Band 7/ 5G NR n7	2500 - 2570	-2.40	-0.90	-2.80	0.10	25.70	24.20	25.00	22.70	23.30	23.30	22.20	22.80
LTE ULCA Band 7		-2.40	-0.90	-2.80	0.10	25.70	24.20	25.00	22.70	23.30	23.30	22.20	22.80
LTE Band 41 (Low)	FCC 2496 – 2680	-2.60	-1.60	-3.10	-0.20	28.70	28.70	28.00	27.70	26.10	27.10	24.90	27.50
LTE Band 41 (Mid)		-2.60	-1.60	-3.10	-0.20	28.70	28.70	28.00	27.70	26.10	27.10	24.90	27.50
LTE Band 41 (High)		-2.60	-1.60	-3.10	-0.20	28.70	28.70	28.00	27.70	26.10	27.10	24.90	27.50
5G NR n41 (Low)		-2.60	-1.60	-3.10	-0.20	28.70	28.70	28.00	27.70	26.10	27.10	24.90	27.50
5G NR n41 (Mid)		-2.60	-1.60	-3.10	-0.20	28.70	28.70	28.00	27.70	26.10	27.10	24.90	27.50
5G NR n41 (High)		-2.60	-1.60	-3.10	-0.20	28.70	28.70	28.00	27.70	26.10	27.10	24.90	27.50
LTE ULCA Band 41		-2.60	-1.60	-3.10	-0.20	28.70	28.70	28.00	27.70	26.10	27.10	24.90	27.50
LTE Band 41 (Low)		-2.60	-1.60	-3.10	-0.20	28.70	28.70	28.00	27.70	26.10	27.10	24.90	27.50
LTE Band 41 (Mid)	IC 2500 – 2680	-2.60	-1.60	-3.10	-0.20	28.70	28.70	28.00	27.70	26.10	27.10	24.90	27.50
LTE Band 41 (High)		-2.60	-1.60	-3.10	-0.20	28.70	28.70	28.00	27.70	26.10	27.10	24.90	27.50
5G NR n41 (Low)		-2.60	-1.60	-3.10	-0.20	28.70	28.70	28.00	27.70	26.10	27.10	24.90	27.50
5G NR n41 (Mid)		-2.60	-1.60	-3.10	-0.20	28.70	28.70	28.00	27.70	26.10	27.10	24.90	27.50
5G NR n41 (High)		-2.60	-1.60	-3.10	-0.20	28.70	28.70	28.00	27.70	26.10	27.10	24.90	27.50
LTE ULCA Band 41		-2.60	-1.60	-3.10	-0.20	28.70	28.70	28.00	27.70	26.10	27.10	24.90	27.50
LTE Band 38	2570 – 2620	-2.40	-1.50	-3.10	-1.40	25.70	25.70	25.70	25.70	23.30	24.20	22.60	24.30
5G NR n38		-2.40	-1.50	-3.10	-1.40	25.70	25.70	25.70	25.70	23.30	24.20	22.60	24.30

6.5. WORST-CASE CONFIGURATION AND MODE

This report covers the following technologies:

- LTE Band 7, 5G NR n7
- LTE Band 38, 5G NR n38
- LTE Band 41, 5G NR n41

LTE Band 38 and 5G NR n38 (2570-2620MHz) is covered by LTE Band 41 and 5G NR n41 because it is a subset of LTE Band 41 and 5G NR n41. Also, they have the same or less output power and supported bandwidths.

For 5G NRs, conducted spurious emission tests were conducted on wider bandwidth with inner 1RB since this is the worst bandwidth and the highest output power.

BPSK modulation applied only for 5G NR frequencies and has the same tune up power as QPSK modulations.

The DFT-s-OFDM and CP-OFDM waveforms were investigated, and DFT-s-OFDM was found to be the worst case.

The worst-case scenario for all measurements is based on an engineering evaluation made on different modulations. Then, QPSK and BPSK were observed as the worst mode to LTE bands and 5G NR bands respectively and set for all conducted and radiated. Output power measurements were measured on BPSK, QPSK, 16QAM, 64QAM, and 256QAM modulations. For testing purposes emissions on section 9 were measured while QPSK/BPSK was set at or above target power for all bands. Conducted tests were performed on the worst-case antenna port because it has the highest conducted power. The worst-case antenna port is shown in the table below.

For 5G NR n41 20MHz BW, antenna 2 and antenna 4 powers are higher than LTE band 41. Therefore, additional power measurements and occupied bandwidth tests were performed on antenna 2 and antenna 4 for 20MHz BW. Since LTE antenna 1 the highest output power of all (LTE band 41 and 5G NR n41) antennas, all other conducted tests for 20MHz BW were performed only on LTE antenna 1.

LTE and 5G NR Bands	Worst case Antenna Port
LTE Band 7 and 5G NR n7	Ant 1
LTE Band 41	Ant 1
5G NR n41	Ant 1

The EUT was investigated in three orthogonal orientations X/Y/Z on all available SISO and MIMO antennas to determine the worst-case orientation. The following table exhibits the worst-case orientation. The full tests of the EUT have made upon the orientations that shown in the table below.

Frequency Range	ANT1	ANT2	ANT3	ANT4
2300 - 2700 MHz	X	X	X	X

Radiated spurious emissions were investigated from 9kHz to 30MHz, 30MHz-1GHz and above 1GHz. There were no emissions found with less than 20dB of margin from 9kHz to 1GHz and above 18GHz.

For simultaneous transmission of multiple channels in the 2.4GHz/5GHz WLAN, UWB, and Cellular bands, tests were conducted for various configurations having the highest power, least separation in frequencies and widest operation bandwidths. No noticeable new emission was found.

6.6. DESCRIPTION OF TEST SETUP

Refer to Appendix A for description of test setup.

7. TEST AND MEASUREMENT EQUIPMENT

The following test and measurement equipment were utilized for the tests documented in this report:

TEST EQUIPMENT LIST				
Description	Manufacturer	Model	Asset	Cal Due
Wideband Communication Test Set, Call Box	R&S GmbH & Co.	CMW500	85723	2026-02-28
Wideband Communication Test Set, Call Box	R&S GmbH & Co.	CMW500	230297	2026-02-28
EMI TEST RECEIVER	Rohde & Schwarz	ESW44	169936	2026-02-28
Antenna, Horn 1-18GHz	ETS Lindgren	3117	200897	2026-04-30
RF Filter Box, 1-18GHz, 12 Port	UL-FR1	Frankenstein	217255	2026-01-31
EMI TEST RECEIVER	Rohde & Schwarz	ESW44	223460	2026-02-28
RF Filter Box, 1-18GHz, 17 Port	UL-FR1	RATS 2	236726	2025-10-31
Antenna, Horn 1-18GHz	ETS Lindgren	3117	80403	2026-08-31
Antenna, Broadband Hybrid, 30MHz to 3GHz	Sunol Sciences Corp.	JB3	171863	2026-11-30
Amplifier 9 KHz - 1 GHz	SONOMA INSTRUMENT	310N	224490	2026-05-06
Antenna, Passive Loop 30Hz - 1MHz	ELECTRO-METRICS	EM-6871	170013	2025-07-31
Antenna, Passive Loop 100KHz - 30MHz	ELECTRO-METRICS	EM-6872	170015	2025-07-31
PXA Signal Analyzer	Keysight Technologies Inc	N9030B	262735	2026-03-30
PXA Signal Analyzer	Keysight Technologies Inc	N9030B	231912	2026-04-30
PXA Signal Analyzer	Keysight Technologies Inc	N9030B	259079	2026-02-28
PXA Signal Analyzer	Agilent Technologies Inc	N9030A	87738	2026-01-16
UXM 5G Wireless Test Platform	Keysight Technologies Inc	E7515B	MY59020604	2026-02-26
Wideband Communication Test Set, Call Box	Rohde & Schwarz	CMW500	230298	2026-02-28
Wideband Communication Test Set, Call Box	Rohde & Schwarz	CMW500	222793	2026-02-28
Conducted Switch Box	N/A	CSB	227264	2026-03-31
Conducted Switch Box	N/A	CSB	262286	2026-04-30
Conducted Switch Box	N/A	CSB	262288	2026-04-30
Conducted Switch Box	N/A	CSB	263817	2026-05-31
Filter, BRF 3400-3800MHz, 18GHz max	Micro-Tronics	BRM50711	217364	2025-09-30
Filter, BRF 2305-2315	Micro-Tronics	BRC20553	224186	2026-06-29
Power Sensor, P - series, 50MHz to 18GHz, Wideband	Keysight Technologies Inc	N1921A	257704	2026-03-31
Chamber, Environmental	Cincinnati Sub Zero	ZPHS-8-3.5-SCT/WC	89097	2025-10-31
Chamber, Environmental	Cincinnati Sub Zero	ZPHS-8-3.5-SCT/WC	82472	2025-08-31
UL AUTOMATION SOFTWARE				
Conducted Software	UL	CLT	Ver.2023.11.21.0 & .2024.3.20.0 & 2022.7.6.0 & 2023.6.21	
Conducted Software	UL	Power Measurement	Ver.2023.8.14 & 2022.4.29 & 2023.6.8	
Conducted Software	UL	Antenna Port	Ver.2022.8.16& 2021.5.13	
Conducted Software	UL	Station Tool	Ver. 5.0 & 5.3 & 6.0 & 6.1	
Radiated Software	UL	UL EMC	Ver 9.5, May 1, 2023	

8. RF OUTPUT POWER VERIFICATION

CONDUCTED OUTPUT POWER MEASUREMENT PROCEDURE

All bands conducted average power is obtained from the base station simulator.

The following tests were conducted according to the test requirements outlined in ANSI C63.26 Section 5.2.

RESULTS

The EUT has different power levels for head use configuration and body use configuration. All measurements are made with the device operating at the highest average conducted output powers.

8.1. LTE BAND 7

Test Engineer ID:	32546	Test Date:	2025-01-07
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OUTPUT POWER FOR LTE BAND 7 (5.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				20775	21100	21425	20775	21100	21425	20775	21100	21425	20775	21100	21425
5.0	QPSK	1	0	2502.5	2535.0	2567.5	2502.5	2535.0	2567.5	2502.5	2535.0	2567.5	2502.5	2535.0	2567.5
		1	12	25.36	25.38	25.60	24.03	24.01	24.01	24.76	24.85	24.87	22.57	22.46	22.65
		1	24	25.51	25.44	25.70	24.08	23.91	24.00	24.90	24.92	25.00	22.69	22.50	22.64
		12	0	25.44	25.41	25.66	24.07	23.97	24.20	24.93	24.92	25.00	22.59	22.47	22.64
		12	6	24.45	24.39	24.53	23.17	23.11	23.14	23.84	23.88	23.92	21.53	21.50	21.64
		12	11	24.52	24.45	24.54	23.20	23.11	23.10	23.93	23.95	23.95	21.55	21.57	21.70
		25	0	24.49	24.44	24.63	23.18	23.20	23.13	23.83	23.94	23.92	21.54	21.54	21.67
		25	0	24.44	24.38	24.52	23.13	23.17	23.12	23.80	23.91	23.91	21.48	21.48	21.66
	16QAM	1	0	24.59	24.55	24.61	23.13	23.20	23.15	23.88	23.96	23.97	21.54	21.60	21.70
		1	12	24.60	24.60	24.70	23.15	23.16	23.11	23.93	24.00	23.92	21.69	21.63	21.66
		1	24	24.53	24.61	24.64	23.15	23.19	23.14	23.96	23.98	23.98	21.62	21.53	21.64
		12	0	23.44	23.34	23.41	22.13	22.16	22.14	22.78	22.81	22.84	20.46	20.44	20.61
		12	6	23.48	23.39	23.42	22.11	22.10	22.17	22.86	22.88	22.88	20.44	20.49	20.64
		12	11	23.46	23.36	23.43	22.16	22.19	22.19	22.78	22.85	22.86	20.46	20.47	20.63
		25	0	23.47	23.33	23.39	22.18	22.14	22.71	22.78	22.82	22.82	20.41	20.43	20.61
		25	0	23.64	23.59	23.70	22.17	22.14	22.19	22.96	23.00	22.97	20.66	20.61	20.70
	64QAM	1	12	23.66	23.59	23.61	22.20	22.16	22.18	22.93	22.93	22.94	20.65	20.60	20.61
		1	24	23.67	23.61	23.67	22.15	22.17	22.11	22.93	23.00	22.93	20.70	20.65	20.67
		12	0	22.39	22.37	22.47	21.17	21.12	21.20	21.72	21.86	21.84	19.37	19.41	19.48
		12	6	22.45	22.45	22.55	21.15	21.20	21.14	21.81	21.93	21.91	19.40	19.48	19.57
		12	11	22.41	22.43	22.62	21.17	21.12	21.17	21.70	21.89	21.87	19.38	19.45	19.54
		25	0	22.33	22.33	22.46	21.17	21.13	21.19	21.67	21.82	21.82	19.36	19.40	19.57
		1	0	20.56	20.53	20.55	19.14	19.13	19.16	19.90	19.93	19.94	17.57	17.46	17.70
		1	12	20.62	20.51	20.70	19.16	19.12	19.12	19.97	20.00	19.97	17.69	17.60	17.67
	256QAM	1	24	20.50	20.47	20.66	19.19	19.11	19.16	19.88	20.00	19.94	17.54	17.43	17.58
		12	0	20.35	20.38	20.49	19.15	19.15	19.18	19.67	19.84	19.83	17.42	17.34	17.53
		12	6	20.45	20.48	20.55	19.20	19.16	19.18	19.79	19.90	19.90	17.43	17.41	17.62
		12	11	20.38	20.44	20.62	19.17	19.18	19.15	19.70	19.87	19.85	17.41	17.41	17.56
		25	0	20.37	20.41	20.50	19.18	19.20	19.14	19.66	19.84	19.84	17.34	17.38	17.53

OUTPUT POWER FOR LTE BAND 7 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				20800	21100	21400	20800	21100	21400	20800	21100	21400	20800	21100	21400
10.0	QPSK	1	0	2505.0	2535.0	2565.0	2505.0	2535.0	2565.0	2505.0	2535.0	2565.0	2505.0	2535.0	2565.0
		1	24	25.63	25.56	25.53	24.10	23.97	23.96	24.74	24.85	24.87	22.42	22.37	22.56
		1	49	25.67	25.59	25.69	24.20	23.84	23.92	24.83	24.87	24.97	22.51	22.42	22.62
		1	25	25.59	25.52	25.65	24.07	23.83	24.06	24.88	24.82	24.93	22.53	22.44	22.58
		25	0	24.68	24.64	24.61	23.18	23.19	23.17	23.83	23.91	23.84	21.55	21.50	21.68
		25	12	24.70	24.62	24.67	23.13	23.19	23.17	23.83	23.94	24.00	21.63	21.53	21.70
		25	24	24.68	24.64	24.64	23.12	23.13	23.20	23.86	23.89	23.98	21.55	21.50	21.66
		50	0	24.65	24.61	24.60	23.18	23.18	23.20	23.82	23.90	23.94	21.59	21.51	21.67
	16QAM	1	0	24.63	24.63	24.58	23.18	23.13	23.16	23.83	24.00	23.94	21.66	21.59	21.70
		1	24	24.69	24.68	24.66	23.17	23.15	23.15	23.96	23.94	23.96	21.67	21.62	21.61
		1	49	24.70	24.57	24.62	23.20	23.18	23.13	23.98	23.96	23.92	21.62	21.62	21.61
		25	0	23.57	23.56	23.50	22.12	22.12	22.20	22.80	22.87	22.78	20.57	20.51	20.65
		25	12	23.61	23.55	23.55	22.12	22.19	22.17	22.76	22.89	22.96	20.63	20.53	20.67
		25	24	23.56	23.53	23.49	22.12	22.17	22.17	22.80	22.82	22.95	20.55	20.52	20.65
		50	0	23.57	23.54	23.36	22.14	22.15	22.14	22.76	22.86	22.88	20.61	20.53	20.68
		1	0	23.63	23.59	23.68	22.20	22.17	22.19	22.91	22.92	22.98	20.63	20.63	20.63
	64QAM	1	24	23.63	23.62	23.70	22.15	22.18	22.16	23.00	22.98	22.92	20.68	20.63	20.68
		1	49	23.69	23.65	23.67	22.16	22.17	22.18	22.93	22.96	22.93	20.64	20.69	20.63
		25	0	22.57	22.47	22.39	21.13	21.14	21.12	21.77	21.84	21.79	19.55	19.49	19.65
		25	12	22.58	22.53	22.55	21.14	21.13	21.19	21.74	21.89	21.93	19.61	19.51	19.70
		25	24	22.54	22.53	22.52	21.18	21.19	21.11	21.78	21.82	21.93	19.54	19.50	19.66
		50	0	22.55	22.54	22.53	21.13	21.12	21.14	21.72	21.84	21.87	19.58	19.48	19.62
	256QAM	1	0	20.70	20.69	20.60	19.12	19.18	19.17	19.83	19.97	19.99	17.65	17.60	17.69
		1	24	20.64	20.66	20.67	19.20	19.13	19.14	19.95	19.99	19.97	17.68	17.64	17.70
		1	49	20.61	20.64	20.64	19.15	19.11	19.13	19.93	19.92	20.00	17.64	17.44	17.65
		25	0	20.60	20.59	20.39	19.15	19.15	19.13	19.78	19.94	19.81	17.63	17.53	17.67
		25	12	20.61	20.58	20.52	19.18	19.16	19.20	19.76	19.93	19.93	17.62	17.52	17.68
		25	24	20.54	20.54	20.46	19.13	19.12	19.20	19.77	19.84	19.92	17.52	17.45	17.64
		50	0	20.60	20.58	20.45	19.19	19.13	19.16	19.76	19.88	19.89	17.61	17.47	17.65

OUTPUT POWER FOR LTE BAND 7 (15.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				20825	21100	21375	20825	21100	21375	20825	21100	21375	20825	21100	21375
15.0	QPSK	1	0	25.62	25.52	25.31	23.82	23.72	23.80	24.74	24.84	24.93	22.40	22.41	22.55
		1	37	25.62	25.44	25.38	23.85	24.05	23.83	24.90	24.81	24.89	22.54	22.42	22.61
		1	74	25.61	25.28	25.36	23.76	24.06	23.89	24.91	24.82	24.99	22.55	22.45	22.58
		36	0	24.63	24.62	24.38	23.14	23.13	23.11	23.87	23.93	23.93	21.60	21.53	21.69
		36	16	24.70	24.68	24.35	23.12	23.14	23.20	23.94	23.93	23.90	21.65	21.55	21.62
		36	35	24.69	24.64	24.43	23.18	23.16	23.18	23.90	23.90	23.90	21.58	21.57	21.70
		75	0	24.67	24.61	24.36	23.12	23.14	23.11	23.84	23.89	23.91	21.62	21.55	21.69
	16QAM	1	0	24.70	24.65	24.51	23.18	23.14	23.18	23.80	23.99	23.98	21.65	21.62	21.66
		1	37	24.66	24.69	24.60	23.15	23.13	23.18	24.00	23.97	23.94	21.63	21.66	21.68
		1	74	24.67	24.61	24.51	23.12	23.18	23.12	23.98	23.94	23.99	21.69	21.64	21.69
		36	0	23.66	23.66	23.41	22.20	22.19	22.18	22.85	22.90	22.90	20.66	20.58	20.65
		36	16	23.65	23.65	23.41	22.14	22.17	22.15	22.93	22.90	22.89	20.70	20.58	20.65
		36	35	23.69	23.29	23.42	22.14	22.12	22.11	22.86	22.88	22.96	20.60	20.60	20.63
		75	0	23.61	23.30	23.35	22.16	22.15	22.18	22.79	22.87	22.87	20.67	20.57	20.65
	64QAM	1	0	23.63	23.49	23.60	22.12	22.17	22.18	22.94	22.92	22.91	20.64	20.67	20.70
		1	37	23.70	23.53	23.62	22.15	22.11	22.18	22.99	22.93	23.00	20.70	20.64	20.66
		1	74	23.62	23.49	23.66	22.17	22.11	22.20	22.98	22.97	22.98	20.69	20.68	20.63
		36	0	22.64	22.55	22.66	21.13	21.14	21.11	21.78	21.86	21.86	19.64	19.60	19.64
		36	16	22.67	22.39	22.64	21.10	21.13	21.18	21.87	21.89	21.82	19.70	19.60	19.63
		36	35	22.64	22.34	22.38	21.11	21.19	21.18	21.81	21.83	21.93	19.60	19.59	19.63
		75	0	22.66	22.39	22.33	21.19	21.16	21.16	21.77	21.86	21.85	19.64	19.58	19.64
	256QAM	1	0	20.70	20.47	20.42	19.19	19.17	19.18	19.79	19.91	20.00	17.68	17.58	17.67
		1	37	20.68	20.49	20.47	19.19	19.13	19.19	19.91	19.86	19.82	17.61	17.60	17.68
		1	74	20.65	20.43	20.48	19.18	19.20	19.19	19.91	19.84	19.95	17.64	17.57	17.66
		36	0	20.70	20.35	20.34	19.15	19.15	19.18	19.79	19.83	19.91	17.62	17.53	17.68
		36	16	20.65	20.38	20.31	19.17	19.20	19.14	19.86	19.84	19.86	17.66	17.54	17.61
		36	35	20.56	20.41	20.41	19.14	19.20	19.17	19.83	19.81	19.95	17.61	17.57	17.61
		75	0	20.61	20.39	20.30	19.20	19.15	19.20	19.80	19.81	19.87	17.67	17.54	17.70

OUTPUT POWER FOR LTE BAND 7 (20.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				20850	21100	21350	20850	21100	21350	20850	21100	21350	20850	21100	21350
20.0	QPSK	1	0	25.54	25.48	25.58	23.92	23.78	23.86	24.67	24.80	24.85	22.47	22.52	22.60
		1	49	25.51	25.53	25.58	23.86	24.08	23.91	24.87	24.83	24.89	22.61	22.48	22.62
		1	99	25.55	25.53	25.61	23.82	24.02	24.05	24.93	24.85	24.93	22.55	22.58	22.64
		50	0	24.65	24.61	24.66	23.14	23.17	23.15	23.92	23.93	23.96	21.67	21.61	21.65
		50	24	24.65	24.60	24.62	23.11	23.20	23.17	23.91	23.92	23.99	21.66	21.64	21.69
		50	49	24.62	24.58	24.70	23.10	23.13	23.17	23.92	23.88	23.98	21.64	21.58	21.70
		100	0	24.61	24.58	24.70	23.10	23.14	23.14	23.84	23.88	24.00	21.62	21.62	21.67
	16QAM	1	0	24.64	24.64	24.62	23.20	23.18	23.15	23.96	23.97	23.94	21.69	21.68	21.68
		1	49	24.66	24.64	24.70	23.14	23.18	23.16	23.95	23.91	23.99	21.67	21.70	21.70
		1	99	24.62	24.62	24.67	23.17	23.12	23.20	23.91	23.96	24.00	21.70	21.66	21.68
		50	0	23.65	23.62	23.64	22.16	22.17	22.16	22.88	22.90	22.96	20.69	20.64	20.67
		50	24	23.66	23.61	23.65	22.13	22.17	22.17	22.89	22.92	22.91	20.69	20.67	20.68
		50	49	23.63	23.56	23.68	22.19	22.19	22.15	22.88	22.87	22.99	20.66	20.58	20.70
		100	0	23.65	23.59	23.70	22.19	22.11	22.12	22.83	22.88	22.99	20.64	20.65	20.66
	64QAM	1	0	23.68	23.66	23.69	22.14	22.18	22.18	22.86	22.93	22.97	20.70	20.62	20.62
		1	49	23.66	23.65	23.67	22.15	22.19	22.18	22.98	22.93	22.96	20.62	20.66	20.66
		1	99	23.68	23.64	23.62	22.16	22.12	22.12	22.97	22.99	22.95	20.65	20.67	20.67
		50	0	22.64	22.59	22.60	21.18	21.19	21.15	21.86	21.94	21.94	19.61	19.54	19.70
		50	24	22.65	22.62	22.70	21.14	21.18	21.14	21.86	21.93	22.00	19.61	19.58	19.63
		50	49	22.63	22.58	22.66	21.19	21.14	21.13	21.86	21.86	21.95	19.60	19.51	19.61
		100	0	22.63	22.59	22.66	21.10	21.17	21.12	21.82	21.88	21.99	19.58	19.57	19.61
	256QAM	1	0	20.67	20.69	20.69	19.18	19.15	19.16	19.88	19.92	19.93	17.65	17.68	17.66
		1	49	20.69	20.63	20.67	19.20	19.18	19.12	19.98	19.91	19.92	17.68	17.68	17.70
		1	99	20.69	20.67	20.66	19.18	19.18	19.18	20.00	19.92	19.99	17.65	17.67	17.69
		50	0	20.64	20.62	20.63	19.13	19.12	19.16	19.85	19.85	19.91	17.66	17.52	17.65
		50	24	20.65	20.64	20.62	19.11	19.10	19.20	19.87	19.88	20.00	17.62	17.57	17.69
		50	49	20.62	20.60	20.70	19.13	19.13	19.14	19.90	19.83	20.00	17.65	17.50	17.60
		100	0	20.64	20.62	20.68	19.16	19.16	19.12	19.86	19.85	19.99	17.60	17.54	17.67

8.2. 5G NR n7

Test Engineer ID:	32546	Test Date:	2025-03-01
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OUTPUT POWER FOR 5G NR n7 (5.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				500500	507000	513500	500500	507000	513500	500500	507000	513500	500500	507000	513500
5.0	BPSK	1	0	2502.5	2535.0	2567.5	2502.5	2535.0	2567.5	2502.5	2535.0	2567.5	2502.5	2535.0	2567.5
		1	1	24.90	25.12	25.02	23.64	23.52	23.34	24.39	24.37	24.50	21.98	22.19	21.96
		1	1	25.59	25.63	25.61	24.09	23.87	24.05	24.92	24.69	24.90	22.39	22.56	22.64
		1	23	25.60	25.66	25.61	24.07	23.96	24.07	24.92	24.69	24.85	22.68	22.70	22.59
		1	24	25.11	25.10	25.11	23.70	23.57	23.68	24.24	24.36	24.22	22.18	22.20	21.88
		12	6	25.70	25.69	25.65	24.09	23.98	24.20	24.94	24.75	25.00	22.41	22.69	22.60
		25	0	25.09	25.03	25.03	23.53	23.48	23.43	24.40	24.30	24.46	21.88	22.19	22.20
		1	0	24.62	24.69	24.61	23.16	23.18	23.19	23.98	23.95	23.91	21.65	21.64	21.62
	QPSK	1	1	25.70	25.66	25.63	24.13	24.14	24.14	24.92	24.98	24.95	22.69	22.66	22.62
		1	23	25.65	25.68	25.65	24.11	24.19	24.15	24.93	24.93	25.00	22.61	22.68	22.63
		1	24	24.64	24.61	24.63	23.11	23.18	23.15	23.95	23.99	23.91	21.67	21.61	21.67
		12	6	25.68	25.62	25.68	24.17	24.13	24.13	24.98	25.00	24.98	22.67	22.66	22.61
		25	0	24.68	24.70	24.67	23.14	23.11	23.20	23.93	23.95	23.97	21.70	21.65	21.65
		1	0	23.63	23.63	23.69	22.16	22.18	22.12	22.97	22.91	23.00	20.65	20.64	20.70
		1	1	24.70	24.69	24.65	23.16	23.17	23.13	23.95	23.94	23.97	21.70	21.66	21.69
		1	23	24.69	24.61	24.67	23.16	23.10	23.11	23.96	23.92	24.00	21.70	21.68	21.64
	16QAM	1	24	23.69	23.62	23.68	22.16	22.17	22.20	22.99	22.94	22.95	20.61	20.61	20.64
		12	6	24.62	24.65	24.64	23.12	23.13	23.12	23.94	23.96	23.96	21.67	21.62	21.63
		25	0	23.68	23.61	23.66	22.19	22.12	22.12	22.92	22.94	22.96	20.65	20.70	20.64
		1	0	23.15	23.18	23.20	21.66	21.65	21.67	22.47	22.47	22.43	20.13	20.11	20.12
		1	1	23.16	23.17	23.14	21.64	21.70	21.65	22.45	22.47	22.50	20.11	20.20	20.19
		1	23	23.15	23.14	23.17	21.67	21.69	21.62	22.43	22.46	22.46	20.13	20.19	20.15
		1	24	23.12	23.13	23.15	21.63	21.64	21.70	22.46	22.48	22.45	20.18	20.20	20.18
		12	6	23.18	23.12	23.16	21.65	21.68	21.67	22.47	22.45	22.48	20.10	20.18	20.15
	64QAM	25	0	23.15	23.20	23.14	21.61	21.70	21.68	22.44	22.43	22.43	20.12	20.17	20.12
		1	0	21.12	21.12	21.18	19.66	19.64	19.70	20.47	20.43	20.44	18.19	18.16	18.12
		1	1	21.17	21.14	21.19	19.67	19.62	19.63	20.43	20.49	20.49	18.11	18.14	18.18
		1	23	21.20	21.12	21.14	19.62	19.65	19.67	20.50	20.43	20.49	18.13	18.12	18.17
		1	24	21.19	21.20	21.12	19.68	19.62	19.70	20.47	20.44	20.41	18.17	18.13	18.15
		12	6	21.17	21.20	21.20	19.66	19.62	19.65	20.46	20.41	20.44	18.14	18.20	18.19
		25	0	21.20	21.16	21.19	19.66	19.62	19.65	20.50	20.43	20.42	18.18	18.19	18.13

OUTPUT POWER FOR 5G NR n7 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				501000	507000	513000	501000	507000	513000	501000	507000	513000	501000	507000	513000
10.0	BPSK	1	0	2505.0	2535.0	2565.0	2505.0	2535.0	2565.0	2505.0	2535.0	2565.0	2505.0	2535.0	2565.0
		1	1	25.19	24.98	25.03	23.66	23.56	23.70	24.40	24.31	24.46	22.10	21.88	22.16
		1	1	25.66	25.59	25.65	24.14	24.09	24.15	24.97	24.80	25.00	22.61	22.35	22.35
		1	50	25.70	25.62	25.68	24.01	24.00	24.20	24.69	24.86	24.97	22.60	22.70	22.65
		1	51	25.09	25.02	25.09	23.59	23.56	23.67	24.19	24.26	24.50	21.90	22.20	22.18
		25	12	25.66	25.55	25.63	23.97	23.93	24.05	24.99	24.76	24.88	22.67	22.51	22.62
		50	0	24.99	24.95	25.07	23.56	23.53	23.64	24.14	24.28	24.44	21.93	22.01	22.14
		1	0	24.66	24.67	24.67	23.19	23.11	23.14	24.00	23.94	23.96	21.65	21.67	21.70
	QPSK	1	1	25.70	25.64	25.70	24.10	24.18	24.18	24.98	24.96	24.95	22.68	22.63	22.60
		1	50	25.65	25.65	25.66	24.18	24.12	24.19	24.91	24.97	24.93	22.67	22.70	22.64
		1	51	24.66	24.66	24.67	23.12	23.15	23.17	23.97	23.99	23.91	21.62	21.62	21.67
		25	12	25.67	25.66	25.65	24.10	24.15	24.20	24.96	24.94	24.91	22.70	22.67	22.62
		50	0	24.70	24.64	24.64	23.11	23.19	23.11	24.00	24.00	23.99	21.60	21.70	21.69
		1	0	23.63	23.65	23.69	22.19	22.19	22.14	22.92	22.98	22.92	20.67	20.63	20.69
		1	1	24.62	24.64	24.70	23.20	23.19	23.17	23.95	23.92	23.96	21.66	21.70	21.68
		1	50	24.68	24.70	24.62	23.12	23.18	23.17	23.97	23.95	23.94	21.67	21.63	21.64
	16QAM	1	51	23.69	23.63	23.65	22.12	22.12	22.16	22.94	22.98	22.93	20.64	20.64	20.68
		25	12	24.70	24.70	24.64	23.11	23.11	23.20	23.99	23.98	23.99	21.65	21.67	21.70
		50	0	23.69	23.67	23.62	22.13	22.17	22.18	23.00	22.91	23.00	20.61	20.65	20.61
		1	0	23.16	23.16	23.20	21.68	21.70	21.65	22.44	22.45	22.42	20.20	20.13	20.15
		1	1	23.20	23.13	23.20	21.67	21.67	21.63	22.46	22.46	22.43	20.14	20.17	20.13
		1	50	23.13	23.18	23.18	21.70	21.64	21.62	22.50	22.42	22.45	20.13	20.17	20.14
		1	51	23.15	23.19	23.11	21.60	21.62	21.68	22.41	22.50	22.42	20.20	20.13	20.19
		25	12	23.19	23.19	23.18	21.63	21.66	21.66	22.48	22.50	22.48	20.20	20.15	20.17
	64QAM	50	0	23.20	23.13	23.19	21.67	21.63	21.67	22.42	22.48	22.44	20.19	20.18	20.14
		1	0	21.14	21.15	21.16	19.67	19.67	19.61	20.48	20.42	20.41	18.11	18.14	18.13
		1	1	21.12	21.19	21.16	19.62	19.68	19.70	20.46	20.50	20.45	18.16	18.17	18.14
		1	50	21.17	21.18	21.18	19.62	19.68	19.68	20.44	20.42	20.42	18.17	18.13	18.16
		1	51	21.20	21.12	21.13	19.62	19.63	19.70	20.41	20.43	20.49	18.15	18.20	18.20
		25	12	21.17	21.16	21.20	19.61	19.70	19.61	20.44	20.45	20.43	18.15	18.19	18.20
		50	0	21.19	21.18	21.20	19.61	19.67	19.64	20.46	20.50	20.49	18.18	18.15	18.12

OUTPUT POWER FOR 5G NR n7 (15.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				501500	507000	512500	501500	507000	512500	501500	507000	512500	501500	507000	512500
15.0	BPSK	1	0	24.93	25.12	25.08	23.60	23.47	23.32	24.20	24.44	24.38	21.88	22.02	22.19
		1	1	25.54	25.66	25.63	24.09	23.94	24.12	24.62	24.95	24.76	22.65	22.70	22.42
		1	77	25.68	25.70	25.63	24.10	24.07	24.20	24.68	24.94	25.00	22.66	22.70	22.62
		1	78	25.18	25.08	25.14	23.56	23.57	23.70	24.20	24.49	24.50	22.14	22.19	22.08
		36	18	25.68	25.61	25.63	24.06	23.94	24.16	24.61	24.94	24.75	22.61	22.43	22.65
		75	0	25.05	25.04	24.92	23.57	23.48	23.63	24.49	24.37	24.32	21.82	22.20	22.13
	QPSK	1	0	24.63	24.66	24.69	23.12	23.15	23.17	23.92	23.91	23.93	21.68	21.66	21.62
		1	1	25.70	25.70	25.63	24.18	24.13	24.19	24.91	24.96	24.93	22.67	22.62	22.62
		1	77	25.64	25.65	25.60	24.17	24.15	24.18	24.92	24.96	24.95	22.69	22.66	22.70
		1	78	24.63	24.67	24.62	23.13	23.14	23.16	23.95	23.98	24.00	21.67	21.65	21.65
		36	18	25.65	25.64	25.63	24.20	24.12	24.11	24.96	24.97	24.99	22.61	22.64	22.61
		75	0	24.67	24.68	24.63	23.20	23.19	23.17	23.93	23.96	23.99	21.66	21.61	21.67
	16QAM	1	0	23.62	23.67	23.67	22.13	22.12	22.13	22.93	22.97	22.99	20.65	20.68	20.62
		1	1	24.67	24.60	24.62	23.14	23.17	23.19	23.94	23.95	23.96	21.64	21.65	21.62
		1	77	24.62	24.60	24.67	23.12	23.12	23.11	23.97	23.95	23.93	21.64	21.63	21.64
		1	78	23.63	23.64	23.64	22.17	22.20	22.14	23.00	22.91	22.97	20.64	20.64	20.69
		36	18	24.66	24.61	24.66	23.16	23.19	23.14	23.97	23.92	23.97	21.62	21.70	21.65
		75	0	23.60	23.69	23.68	22.17	22.14	22.16	23.00	22.98	22.91	20.64	20.64	20.63
	64QAM	1	0	23.19	23.11	23.18	21.65	21.70	21.62	22.47	22.47	22.45	20.20	20.20	20.12
		1	1	23.12	23.20	23.13	21.66	21.67	21.65	22.45	22.48	22.49	20.15	20.19	20.12
		1	77	23.19	23.12	23.15	21.64	21.66	21.65	22.46	22.47	22.43	20.15	20.19	20.19
		1	78	23.18	23.12	23.13	21.62	21.70	21.69	22.45	22.49	22.42	20.12	20.14	20.11
		36	18	23.15	23.15	23.20	21.69	21.70	21.67	22.50	22.46	22.41	20.18	20.15	20.19
		75	0	23.10	23.12	23.12	21.68	21.69	21.65	22.43	22.47	22.45	20.20	20.13	20.13
	256QAM	1	0	21.10	21.16	21.13	19.69	19.62	19.65	20.42	20.50	20.44	18.20	18.17	18.15
		1	1	21.18	21.17	21.13	19.63	19.70	19.63	20.44	20.42	20.40	18.13	18.20	18.12
		1	77	21.15	21.18	21.14	19.65	19.66	19.70	20.47	20.46	20.48	18.18	18.13	18.20
		1	78	21.13	21.18	21.15	19.61	19.62	19.61	20.41	20.44	20.45	18.20	18.18	18.11
		36	18	21.20	21.12	21.15	19.64	19.67	19.68	20.46	20.41	20.46	18.13	18.13	18.20
		75	0	21.10	21.19	21.12	19.60	19.70	19.67	20.41	20.42	20.45	18.18	18.19	18.15

OUTPUT POWER FOR 5G NR n7 (20.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				502000	507000	512000	502000	507000	512000	502000	507000	512000	502000	507000	512000
20.0	BPSK	1	0	25.11	24.98	25.01	23.43	23.37	23.49	24.48	24.29	24.30	22.12	22.11	22.04
		1	1	25.70	25.68	25.62	23.97	23.94	24.06	24.69	24.70	24.74	22.62	22.64	22.62
		1	104	25.54	25.56	25.65	24.05	24.02	24.20	24.85	24.72	25.00	22.61	22.70	22.63
		1	105	25.02	25.01	24.98	23.70	23.44	23.66	24.36	24.39	24.21	21.81	22.20	21.85
		50	25	25.64	25.65	25.55	23.94	23.99	24.07	24.84	24.96	24.92	22.70	22.54	22.32
		100	0	25.20	25.06	25.14	23.47	23.50	23.52	24.50	24.44	24.23	21.99	22.13	21.98
	QPSK	1	0	24.68	24.61	24.65	23.19	23.19	23.15	24.00	23.97	23.94	21.70	21.61	21.66
		1	1	25.70	25.70	25.68	24.16	24.20	24.11	24.91	24.91	24.98	22.70	22.63	22.69
		1	104	25.67	25.67	25.61	24.15	24.19	24.19	24.98	24.97	24.97	22.61	22.70	22.61
		1	105	24.63	24.61	24.67	23.20	23.13	23.12	23.92	23.96	23.93	21.63	21.66	21.69
		50	25	25.69	25.61	25.69	24.17	24.14	24.15	24.91	25.00	24.91	22.68	22.69	22.70
		100	0	24.69	24.62	24.62	23.20	23.18	23.16	24.00	23.91	24.00	21.70	21.65	21.70
	16QAM	1	0	23.63	23.68	23.60	22.15	22.15	22.12	22.92	22.98	22.98	20.61	20.60	20.60
		1	1	24.61	24.64	24.63	23.12	23.18	23.16	24.00	23.93	23.94	21.63	21.66	21.68
		1	104	24.60	24.64	24.60	23.14	23.18	23.19	23.94	23.93	23.91	21.68	21.65	21.61
		1	105	23.66	23.65	23.64	22.20	22.13	22.15	22.99	22.99	22.96	20.62	20.61	20.63
		50	25	24.61	24.68	24.68	23.12	23.14	23.17	23.99	24.00	23.98	21.63	21.66	21.68
		100	0	23.63	23.68	23.67	22.17	22.13	22.10	22.91	23.00	22.98	20.63	20.66	20.70
	64QAM	1	0	23.11	23.19	23.12	21.70	21.67	21.69	22.43	22.46	22.44	20.14	20.12	20.12
		1	1	23.14	23.16	23.16	21.65	21.70	21.70	22.41	22.41	22.44	20.13	20.10	20.17
		1	104	23.17	23.12	23.18	21.68	21.62	21.63	22.50	22.42	22.47	20.15	20.15	20.15
		1	105	23.18	23.18	23.17	21.62	21.63	21.64	22.50	22.41	22.46	20.14	20.14	20.14
		50	25	23.18	23.14	23.16	21.69	21.61	21.61	22.43	22.47	22.48	20.12	20.20	20.15
		100	0	23.19	23.19	23.18	21.67	21.69	21.68	22.45	22.49	22.45	20.20	20.13	20.19
	256QAM	1	0	21.16	21.18	21.14	19.70	19.69	19.64	20.49	20.42	20.48	18.19	18.17	18.17
		1	1	21.17	21.19	21.11	19.69	19.65	19.69	20.41	20.42	20.41	18.19	18.16	18.20
		1	104	21.13	21.19	21.13	19.67	19.67	19.63	20.49	20.50	20.47	18.11	18.12	18.11
		1	105	21.15	21.18	21.12	19.64	19.66	19.67	20.49	20.42	20.48	18.16	18.18	18.15
		50	25	21.16	21.20	21.18	19.70	19.62	19.62	20.50	20.49	20.45	18.14	18.20	18.16
		100	0	21.12	21.15	21.14	19.65	19.62	19.68	20.42	20.45	20.43	18.15	18.13	18.17

OUTPUT POWER FOR 5G NR n7 (25.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				502500	507000	511500	502500	507000	511500	502500	507000	511500	502500	507000	511500
25.0	BPSK	1	0	2512.5	2535.0	2557.5	2512.5	2535.0	2557.5	2512.5	2535.0	2557.5	2512.5	2535.0	2557.5
		1	1	25.70	25.67	25.59	24.07	24.16	24.09	24.98	24.97	24.63	22.69	22.70	22.70
		1	131	25.58	25.63	25.48	24.11	24.13	24.20	24.65	24.68	25.00	22.66	22.68	22.33
		1	132	25.10	25.01	24.95	23.53	23.58	23.54	24.49	24.43	24.50	21.87	21.87	22.16
		64	32	25.51	25.51	25.48	23.97	23.98	24.12	24.98	24.99	24.71	22.65	22.64	22.66
		128	0	24.94	24.99	24.90	23.42	23.45	23.56	24.17	24.41	24.27	21.85	22.10	21.84
	QPSK	1	0	24.70	24.64	24.65	23.15	23.13	23.20	23.99	23.93	23.96	21.70	21.65	21.66
		1	1	25.70	25.62	25.67	24.18	24.12	24.14	24.93	24.96	24.91	22.70	22.62	22.63
		1	131	25.67	25.62	25.63	24.11	24.15	24.16	24.95	24.91	24.96	22.67	22.70	22.67
		1	132	24.65	24.70	24.69	23.19	23.15	23.15	23.94	23.97	23.91	21.67	21.65	21.63
		64	32	25.70	25.62	25.66	24.12	24.12	24.15	25.00	24.91	24.92	22.64	22.65	22.62
		128	0	24.69	24.65	24.61	23.13	23.13	23.20	23.96	24.00	23.96	21.62	21.69	21.68
	16QAM	1	0	23.61	23.65	23.67	22.12	22.16	22.11	22.95	22.98	22.99	20.66	20.63	20.66
		1	1	24.63	24.65	24.63	23.13	23.20	23.20	23.91	23.98	23.97	21.69	21.63	21.62
		1	131	24.64	24.69	24.63	23.14	23.20	23.15	23.92	23.94	23.95	21.62	21.63	21.61
		1	132	23.60	23.60	23.65	22.17	22.19	22.14	22.97	22.97	22.99	20.61	20.66	20.62
		64	32	24.61	24.68	24.67	23.17	23.13	23.16	23.91	23.93	23.98	21.62	21.69	21.64
		128	0	23.64	23.67	23.64	22.11	22.12	22.13	23.00	22.93	22.95	20.64	20.64	20.70
	64QAM	1	0	23.20	23.20	23.14	21.69	21.60	21.69	22.43	22.44	22.47	20.12	20.17	20.20
		1	1	23.19	23.16	23.17	21.66	21.69	21.61	22.43	22.46	22.41	20.14	20.13	20.12
		1	131	23.12	23.12	23.18	21.65	21.66	21.67	22.50	22.49	22.46	20.15	20.17	20.19
		1	132	23.19	23.14	23.18	21.65	21.69	21.67	22.45	22.43	22.42	20.17	20.17	20.14
		64	32	23.10	23.19	23.16	21.66	21.63	21.69	22.49	22.48	22.46	20.16	20.15	20.15
		128	0	23.13	23.17	23.19	21.62	21.69	21.70	22.47	22.44	22.44	20.14	20.13	20.18
	256QAM	1	0	21.11	21.14	21.19	19.63	19.70	19.61	20.42	20.47	20.50	18.20	18.13	18.17
		1	1	21.20	21.12	21.17	19.68	19.70	19.62	20.47	20.46	20.45	18.11	18.13	18.19
		1	131	21.19	21.19	21.13	19.68	19.60	19.63	20.45	20.45	20.41	18.12	18.14	18.20
		1	132	21.16	21.18	21.11	19.64	19.68	19.67	20.50	20.50	20.49	18.16	18.12	18.18
		64	32	21.12	21.12	21.17	19.67	19.65	19.68	20.47	20.41	20.42	18.16	18.12	18.14
		128	0	21.14	21.19	21.10	19.64	19.66	19.66	20.48	20.41	20.50	18.12	18.11	18.15

OUTPUT POWER FOR 5G NR n7 (30.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				503000	507000	511000	503000	507000	511000	503000	507000	511000	503000	507000	511000
30.0	BPSK	1	0	2515.0	2535.0	2555.0	2515.0	2535.0	2555.0	2515.0	2535.0	2555.0	2515.0	2535.0	2555.0
		1	1	25.07	25.04	25.02	23.52	23.34	23.37	24.32	24.35	24.42	21.95	21.85	22.19
		1	1	25.70	25.63	25.54	24.05	23.97	24.13	24.68	24.80	24.69	22.70	22.63	22.59
		1	158	25.57	25.61	25.57	24.07	24.02	24.20	24.76	24.78	24.94	22.60	22.70	22.64
		1	159	25.08	24.95	24.96	23.37	23.46	23.63	24.27	24.50	24.50	22.10	22.20	22.18
		80	40	25.49	25.53	25.52	23.96	23.93	24.08	24.77	24.63	24.81	22.62	22.45	22.35
	QPSK	160	0	24.98	24.94	24.95	23.38	23.41	23.52	24.49	24.31	24.48	21.86	22.06	22.04
		1	0	24.70	24.62	24.66	23.19	23.15	23.16	23.94	24.00	23.91	21.70	21.61	21.66
		1	1	25.67	25.69	25.67	24.14	24.18	24.19	24.98	24.99	24.94	22.64	22.66	22.63
		1	158	25.68	25.68	25.70	24.20	24.17	24.11	24.90	24.94	24.92	22.64	22.62	22.64
		1	159	24.65	24.62	24.60	23.14	23.12	23.13	24.00	23.93	23.93	21.69	21.68	21.67
		80	40	25.64	25.66	25.65	24.19	24.15	24.17	24.96	24.92	24.91	22.62	22.67	22.66
	16QAM	160	0	24.63	24.64	24.67	23.17	23.11	23.17	24.00	23.94	23.94	21.61	21.70	21.69
		1	0	23.68	23.69	23.69	22.14	22.13	22.12	22.99	22.92	22.97	20.66	20.63	20.64
		1	1	24.65	24.66	24.64	23.17	23.11	23.12	23.90	23.99	23.90	21.66	21.61	21.69
		1	158	24.68	24.63	24.66	23.10	23.12	23.16	23.92	23.95	23.92	21.61	21.67	21.66
		1	159	23.66	23.68	23.66	22.11	22.17	22.12	22.98	22.95	22.94	20.63	20.65	20.65
		80	40	24.68	24.69	24.61	23.12	23.17	23.20	24.00	23.91	23.96	21.61	21.63	21.66
	64QAM	160	0	23.60	23.69	23.60	22.12	22.19	22.20	22.98	22.96	22.95	20.70	20.68	20.70
		1	0	23.16	23.20	23.14	21.62	21.66	21.64	22.43	22.46	22.47	20.12	20.14	20.11
		1	1	23.14	23.18	23.15	21.69	21.66	21.70	22.42	22.43	22.47	20.20	20.19	20.12
		1	158	23.11	23.18	23.11	21.66	21.65	21.67	22.50	22.50	22.42	20.12	20.14	20.17
		1	159	23.12	23.15	23.18	21.69	21.65	21.65	22.46	22.48	22.50	20.19	20.18	20.16
		80	40	23.19	23.15	23.14	21.68	21.65	21.66	22.50	22.44	22.42	20.18	20.17	20.20
	256QAM	160	0	23.13	23.18	23.19	21.69	21.67	21.68	22.42	22.45	22.50	20.20	20.17	20.20
		1	0	21.13	21.13	21.13	19.63	19.61	19.66	20.47	20.49	20.45	18.11	18.18	18.20
		1	1	21.12	21.15	21.13	19.63	19.67	19.62	20.49	20.48	20.48	18.12	18.19	18.13
		1	158	21.11	21.10	21.16	19.65	19.67	19.64	20.42	20.50	20.44	18.17	18.20	18.17
		1	159	21.11	21.11	21.13	19.63	19.62	19.65	20.41	20.41	20.46	18.19	18.17	18.13
		80	40	21.16	21.15	21.12	19.70	19.65	19.69	20.42	20.50	20.44	18.19	18.17	18.15
		160	0	21.17	21.19	21.16	19.61	19.67	19.63	20.46	20.47	20.42	18.14	18.19	18.16

OUTPUT POWER FOR 5G NR n7 (35.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				503500	507000	510500	503500	507000	510500	503500	507000	510500	503500	507000	510500
35.0	BPSK	1	0	25.10	24.91	25.03	23.56	23.37	23.50	24.27	24.37	24.26	22.08	21.86	22.20
		1	1	25.46	25.68	25.41	24.13	23.87	23.88	24.66	24.92	24.64	22.63	22.66	22.61
		1	186	25.68	25.47	25.59	23.89	23.93	24.13	24.63	24.84	25.00	22.62	22.68	22.61
		1	187	24.98	25.20	25.20	23.47	23.52	23.70	24.33	24.20	24.28	22.13	22.20	21.97
		90	45	25.44	25.37	25.54	24.03	23.99	24.20	24.82	24.70	24.81	22.61	22.61	22.65
		180	0	25.14	25.03	25.17	23.48	23.47	23.61	24.46	24.38	24.50	22.20	22.08	21.85
	QPSK	1	0	24.68	24.65	24.70	23.15	23.17	23.11	23.93	23.94	23.98	21.65	21.66	21.63
		1	1	25.67	25.68	25.70	24.11	24.18	24.11	24.92	24.91	24.92	22.70	22.61	22.63
		1	186	25.69	25.64	25.66	24.17	24.18	24.18	24.98	24.94	24.91	22.67	22.62	22.63
		1	187	24.65	24.67	24.67	23.17	23.14	23.14	23.96	23.94	23.97	21.68	21.60	21.68
		90	45	25.62	25.65	25.63	24.17	24.18	24.15	24.95	24.95	24.98	22.69	22.70	22.63
		180	0	24.69	24.69	24.62	23.12	23.20	23.18	23.94	23.91	24.00	21.65	21.67	21.64
	16QAM	1	0	23.66	23.63	23.67	22.17	22.15	22.14	22.93	22.97	22.93	20.61	20.68	20.69
		1	1	24.70	24.61	24.62	23.13	23.12	23.20	24.00	23.92	23.99	21.68	21.67	21.66
		1	186	24.64	24.65	24.65	23.20	23.19	23.16	23.96	23.97	23.91	21.70	21.68	21.65
		1	187	23.62	23.64	23.63	22.14	22.16	22.15	22.91	22.97	22.93	20.64	20.61	20.62
		90	45	24.61	24.65	24.61	23.19	23.11	23.12	23.95	23.95	24.00	21.63	21.65	21.62
		180	0	23.67	23.66	23.66	22.13	22.18	22.19	22.97	22.99	22.99	20.67	20.67	20.63
	64QAM	1	0	23.19	23.13	23.13	21.67	21.70	21.68	22.42	22.47	22.43	20.17	20.15	20.17
		1	1	23.17	23.19	23.12	21.67	21.67	21.61	22.49	22.43	22.47	20.13	20.12	20.14
		1	186	23.16	23.15	23.16	21.66	21.68	21.66	22.44	22.50	22.44	20.10	20.18	20.14
		1	187	23.19	23.11	23.16	21.64	21.67	21.61	22.42	22.43	22.47	20.14	20.12	20.12
		90	45	23.15	23.17	23.20	21.65	21.63	21.67	22.48	22.47	22.47	20.13	20.14	20.15
		180	0	23.20	23.19	23.14	21.68	21.67	21.62	22.45	22.44	22.44	20.17	20.16	20.20
	256QAM	1	0	21.16	21.14	21.17	19.63	19.68	19.68	20.46	20.44	20.50	18.16	18.12	18.20
		1	1	21.15	21.13	21.20	19.69	19.70	19.67	20.47	20.43	20.45	18.14	18.11	18.15
		1	186	21.16	21.19	21.18	19.66	19.69	19.62	20.44	20.46	20.44	18.18	18.15	18.14
		1	187	21.17	21.15	21.19	19.66	19.65	19.64	20.47	20.45	20.45	18.17	18.17	18.13
		90	45	21.13	21.12	21.14	19.65	19.61	19.61	20.43	20.46	20.43	18.14	18.15	18.13
		180	0	21.20	21.17	21.12	19.66	19.65	19.64	20.40	20.46	20.44	18.14	18.17	18.16

OUTPUT POWER FOR 5G NR n7 (40.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				504000	507000	510000	504000	507000	510000	504000	507000	510000	504000	507000	510000
40.0	BPSK	1	0	25.09	25.18	25.00	23.51	23.50	23.67	24.25	24.25	24.22	22.09	21.87	21.86
		1	1	25.59	25.62	25.48	24.09	23.94	24.08	24.67	24.81	24.78	22.68	22.62	22.41
		1	214	25.66	25.56	25.68	24.09	24.20	24.11	24.63	24.77	24.90	22.70	22.48	22.46
		1	215	25.08	24.97	25.13	23.49	23.49	23.42	24.20	24.34	24.50	21.89	22.08	22.00
		108	54	25.68	25.38	25.51	23.92	23.87	23.94	24.78	24.98	24.76	22.62	22.55	22.62
		216	0	25.20	25.01	25.20	23.54	23.68	23.51	24.48	24.45	24.50	22.17	22.20	22.13
	QPSK	1	0	24.67	24.63	24.62	23.16	23.19	23.12	23.97	23.90	23.93	21.68	21.70	21.70
		1	1	25.65	25.68	25.63	24.15	24.11	24.15	24.96	24.91	24.96	22.67	22.69	22.66
		1	214	25.69	25.67	25.62	24.15	24.16	24.17	24.91	25.00	24.94	22.62	22.68	22.61
		1	215	24.68	24.61	24.61	23.19	23.19	23.18	23.99	23.93	23.91	21.63	21.61	21.67
		108	54	25.67	25.68	25.62	24.20	24.12	24.14	24.90	24.92	24.99	22.67	22.61	22.64
		216	0	24.66	24.70	24.68	23.15	23.14	23.19	23.93	23.92	23.97	21.70	21.61	21.61
	16QAM	1	0	23.67	23.67	23.64	22.16	22.17	22.14	22.97	22.93	22.93	20.70	20.65	20.63
		1	1	24.65	24.68	24.69	23.11	23.17	23.15	23.93	23.97	23.94	21.63	21.69	21.66
		1	214	24.64	24.64	24.67	23.13	23.11	23.13	24.00	23.99	23.98	21.64	21.65	21.62
		1	215	23.69	23.63	23.64	22.11	22.13	22.19	22.96	22.96	22.95	20.67	20.68	20.69
		108	54	24.63	24.70	24.61	23.19	23.20	23.16	23.93	23.99	23.97	21.65	21.68	21.67
		216	0	23.63	23.70	23.66	22.14	22.20	22.11	22.96	22.95	22.92	20.61	20.63	20.60
	64QAM	1	0	23.15	23.16	23.13	21.69	21.64	21.61	22.44	22.41	22.47	20.15	20.13	20.16
		1	1	23.17	23.19	23.14	21.64	21.70	21.68	22.41	22.42	22.44	20.12	20.12	20.13
		1	214	23.14	23.10	23.18	21.66	21.70	21.68	22.47	22.49	22.42	20.16	20.20	20.16
		1	215	23.18	23.20	23.17	21.64	21.69	21.65	22.44	22.44	22.48	20.19	20.17	20.18
		108	54	23.17	23.19	23.19	21.63	21.65	21.65	22.50	22.45	22.45	20.16	20.19	20.19
		216	0	23.14	23.15	23.14	21.69	21.62	21.63	22.44	22.44	22.48	20.20	20.13	20.12
	256QAM	1	0	21.18	21.11	21.19	19.66	19.62	19.61	20.44	20.45	20.43	18.18	18.19	18.11
		1	1	21.13	21.10	21.19	19.69	19.67	19.64	20.50	20.47	20.50	18.19	18.13	18.13
		1	214	21.20	21.17	21.13	19.66	19.70	19.68	20.49	20.46	20.44	18.16	18.15	18.19
		1	215	21.15	21.19	21.12	19.69	19.61	19.65	20.40	20.44	20.43	18.14	18.18	18.19
		108	54	21.17	21.20	21.10	19.70	19.69	19.70	20.43	20.42	20.41	18.20	18.17	18.15
		216	0	21.12	21.12	21.18	19.69	19.70	19.69	20.47	20.40	20.46	18.18	18.18	18.14

OUTPUT POWER FOR 5G NR n7 (50.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				505000	507000	509000	505000	507000	509000	505000	507000	509000	505000	507000	509000
50.0	BPSK	1	0	25.20	25.15	25.19	23.60	23.43	23.37	24.19	24.39	24.43	21.88	22.08	21.93
		1	1	25.65	25.64	25.69	24.01	23.95	24.20	24.81	24.88	24.89	22.37	22.70	22.62
		1	268	25.66	25.65	25.68	24.09	23.90	23.83	24.86	24.95	25.00	22.67	22.42	22.46
		1	269	25.15	25.15	25.18	23.58	23.46	23.39	24.50	24.24	24.14	22.20	22.02	22.05
		135	67	25.64	25.64	25.69	23.93	23.98	23.96	24.83	24.83	24.90	22.32	22.58	22.70
		270	0	25.16	25.13	25.13	23.60	23.38	23.42	24.30	24.34	24.42	21.91	22.02	22.11
	QPSK	1	0	24.64	24.66	24.64	23.20	23.15	23.20	23.96	23.94	23.98	21.65	21.62	21.65
		1	1	25.69	25.65	25.66	24.16	24.10	24.11	24.99	24.99	25.00	22.68	22.62	22.66
		1	268	25.69	25.67	25.65	24.18	24.17	24.15	24.93	24.96	25.00	22.69	22.67	22.63
		1	269	24.65	24.64	24.64	23.19	23.11	23.12	23.98	23.98	23.92	21.68	21.69	21.63
		135	67	25.67	25.69	25.64	24.10	24.15	24.18	24.98	24.98	24.98	22.65	22.70	22.70
		270	0	24.68	24.64	24.70	23.17	23.11	23.13	23.99	23.90	23.97	21.61	21.66	21.64
	16QAM	1	0	23.66	23.70	23.66	22.19	22.15	22.11	23.00	22.95	22.96	20.63	20.63	20.70
		1	1	24.64	24.70	24.65	23.17	23.15	23.20	23.95	23.96	23.95	21.62	21.65	21.69
		1	268	24.68	24.67	24.66	23.11	23.14	23.15	23.93	23.95	23.92	21.66	21.65	21.67
		1	269	23.70	23.66	23.67	22.11	22.19	22.12	22.91	22.92	22.92	20.65	20.63	20.65
		135	67	24.65	24.65	24.65	23.13	23.15	23.16	23.98	23.97	23.96	21.63	21.63	21.68
		270	0	23.64	23.63	23.67	22.15	22.19	22.14	22.99	22.98	22.92	20.63	20.64	20.65
	64QAM	1	0	23.16	23.13	23.17	21.70	21.65	21.61	22.49	22.43	22.46	20.12	20.19	20.17
		1	1	23.16	23.15	23.17	21.66	21.61	21.68	22.49	22.44	22.44	20.17	20.20	20.11
		1	268	23.14	23.14	23.12	21.70	21.64	21.67	22.43	22.41	22.46	20.14	20.18	20.18
		1	269	23.13	23.20	23.16	21.63	21.66	21.67	22.46	22.49	22.50	20.16	20.18	20.14
		135	67	23.13	23.14	23.16	21.70	21.61	21.65	22.42	22.41	22.41	20.20	20.19	20.18
		270	0	23.18	23.14	23.15	21.70	21.68	21.65	22.46	22.43	22.43	20.16	20.18	20.16
	256QAM	1	0	21.13	21.11	21.11	19.61	19.68	19.64	20.44	20.43	20.44	18.18	18.17	18.14
		1	1	21.16	21.20	21.14	19.63	19.64	19.70	20.47	20.41	20.45	18.20	18.13	18.15
		1	268	21.19	21.19	21.10	19.66	19.66	19.70	20.44	20.49	20.47	18.12	18.20	18.15
		1	269	21.16	21.11	21.13	19.67	19.62	19.67	20.45	20.46	20.50	18.16	18.13	18.17
		135	67	21.10	21.14	21.15	19.67	19.67	19.64	20.48	20.48	20.44	18.19	18.15	18.15
		270	0	21.15	21.19	21.13	19.63	19.63	19.70	20.48	20.47	20.50	18.19	18.20	18.17

8.3. ULCA LTE BAND 7

Test Engineer ID:	25780	Test Date:	2025-07-08
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OUTPUT POWER FOR ULCA LTE BAND 7 (10.0MHz + 20.0MHz)

Bandwidth	PCC Frequency (MHz)	SCC1 Frequency (MHz)	PCC RB	PCC RB	SCC1 RB	SCC1 RB	Conducted Average (dBm)															
			Size	Offset	Size	Offset	ANT 1				ANT 2				ANT 3				ANT 4			
			Size	Offset	Size	Offset	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
10MHz / 20MHz	2505.5	2519.9	1	49	1	0	25.70	24.49	23.65	20.55	23.87	23.13	22.03	18.96	24.80	23.76	22.83	19.91	22.47	21.49	20.49	17.56
			50	0	100	0	23.42	22.43	22.70	20.65	21.97	21.06	21.06	19.02	22.90	22.00	21.80	19.76	20.60	19.56	19.55	17.56
			1	49	1	0	25.41	24.51	23.50	20.55	24.00	23.04	22.02	19.09	24.80	24.00	22.69	19.83	22.38	21.53	20.39	17.57
	2525.6	2540.0	50	0	100	0	23.56	22.56	22.49	20.43	22.06	21.06	21.02	19.00	22.84	21.90	21.70	19.68	20.53	19.53	19.37	17.39
			1	49	1	0	25.35	24.48	23.37	20.58	23.92	23.02	22.03	19.05	24.83	23.98	22.81	19.82	22.40	21.70	20.44	17.70
			50	0	100	0	23.51	22.64	22.34	20.30	22.13	21.20	21.05	19.03	22.86	21.93	21.79	19.78	20.56	19.47	19.42	17.46

OUTPUT POWER FOR ULCA LTE BAND 7 (20.0MHz + 10.0MHz)

Bandwidth	PCC Frequency (MHz)	SCC1 Frequency (MHz)	PCC RB Size	PCC RB Offset	SCC1 RB Size	SCC1 RB Offset	Conducted Average (dBm)															
							ANT 1				ANT 2				ANT 3				ANT 4			
							QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
20MHz / 10MHz	2510.0	2524.4	1	99	1	0	25.37	24.60	23.62	20.41	23.87	23.04	21.88	19.09	24.87	23.98	22.74	19.85	22.50	21.60	20.51	17.63
			100	0	50	0	23.42	22.48	22.66	20.64	22.12	21.14	20.90	18.90	23.00	21.79	21.78	19.77	20.52	19.61	19.56	17.53
			1	99	1	0	25.27	24.62	23.41	20.59	24.06	23.20	21.90	19.07	24.80	23.82	22.70	19.97	22.52	21.58	20.39	17.55
	2530.1	2544.5	100	0	50	0	23.46	22.48	22.39	20.38	22.05	21.00	20.92	18.94	22.91	21.77	21.75	19.75	20.62	19.61	19.43	17.44
			1	99	1	0	25.49	24.59	23.69	20.63	24.00	23.13	21.91	19.01	24.81	23.93	22.76	19.87	22.37	21.52	20.39	17.48
			100	0	50	0	23.60	22.58	22.70	20.68	22.16	21.11	20.92	18.95	22.91	21.81	21.82	19.76	20.51	19.70	19.41	17.46

OUTPUT POWER FOR ULCA LTE BAND 7 (15.0MHz + 15.0MHz)

Bandwidth	PCC Frequency (MHz)	SCC1 Frequency (MHz)	PCC RB Size	PCC RB Offset	SCC1 RB Size	SCC1 RB Offset	Conducted Average (dBm)															
							ANT 1				ANT 2				ANT 3				ANT 4			
							QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
15MHz / 15MHz	2507.5	2522.5	1	74	1	0	25.44	24.40	23.43	20.47	23.95	23.00	21.96	19.01	24.65	24.00	22.67	19.94	22.67	21.70	20.53	17.48
			75	0	75	0	23.54	22.46	22.48	20.44	22.06	21.11	21.01	18.98	22.76	21.86	21.74	19.71	20.50	19.69	19.55	17.55
	2527.5	2542.5	1	74	1	0	25.56	24.50	23.46	20.61	23.84	23.15	21.97	19.20	24.63	23.96	22.64	19.77	22.53	21.66	20.42	17.48
			75	0	75	0	23.50	22.52	22.23	20.42	22.04	21.02	21.03	19.01	22.94	21.86	21.69	19.65	20.63	19.66	19.46	17.46
	2547.5	2562.5	1	74	1	0	25.70	24.60	23.63	20.48	24.00	23.08	21.99	19.19	24.80	23.79	22.78	19.94	22.58	21.47	20.43	17.47
			75	0	75	0	23.41	22.48	22.64	20.62	22.06	21.17	21.03	19.03	22.89	21.95	21.77	19.74	20.52	19.69	19.46	17.46

OUTPUT POWER FOR ULCA LTE BAND 7 (15.0MHz + 20.0MHz)

Bandwidth	PCC	SCC1	PCC	PCC	SCC1	SCC1	Conducted Average (dBm)															
	Frequency (MHz)	Frequency (MHz)	RB	RB	RB	RB	ANT 1				ANT 2				ANT 3				ANT 4			
			Size	Offset	Size	Offset	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
15MHz-z 20MHz-z	2507.8	2524.9	1	74	1	0	25.70	24.41	23.33	20.46	23.88	23.12	22.01	19.20	24.74	23.72	22.70	19.80	22.51	21.63	20.49	17.67
			75	0	100	0	23.65	22.53	22.33	20.30	22.00	20.98	21.05	19.01	22.91	21.79	21.75	19.68	20.67	19.70	19.58	17.50
	2525.3	2542.4	1	74	1	0	25.28	24.56	23.44	20.46	23.85	23.02	22.00	19.09	25.00	23.93	22.63	19.87	22.49	21.54	20.40	17.64
			75	0	100	0	23.57	22.53	22.46	20.40	22.14	21.12	21.04	19.01	22.84	21.84	21.65	19.63	20.57	19.67	19.39	17.40
	2542.9	2560.0	1	74	1	0	25.60	24.55	23.37	20.44	23.99	23.07	22.03	19.17	24.60	23.85	22.71	19.76	22.64	21.54	20.45	17.50
			75	0	100	0	23.56	22.46	22.36	20.31	22.15	21.15	21.07	19.04	22.90	21.89	21.72	19.69	20.66	19.70	19.49	17.47

OUTPUT POWER FOR ULCA LTE BAND 7 (20.0MHz + 15.0MHz)

Bandwidth	PCC Frequency (MHz)	SCC1 Frequency (MHz)	PCC RB Size	PCC RB Offset	SCC1 RB Size	SCC1 RB Offset	Conducted Average (dBm)															
							ANT 1				ANT 2				ANT 3				ANT 4			
							QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
20MHz / 15MHz	2510.0	2527.1	1	99	1	0	25.53	24.60	23.70	20.53	24.03	22.97	22.02	19.07	24.69	23.90	22.79	20.00	22.55	21.67	20.54	17.62
			100	0	75	0	23.55	22.57	22.28	20.70	22.18	21.00	21.07	18.98	23.00	21.77	21.85	19.79	20.62	19.58	19.57	17.54
			1	99	1	0	25.31	24.53	23.37	20.61	23.91	23.10	21.97	19.06	24.77	23.89	22.77	19.96	22.51	21.53	20.42	17.69
	2527.6	2544.7	100	0	75	0	23.60	22.63	22.34	20.30	22.09	21.20	21.01	18.99	22.77	21.95	21.78	19.75	20.56	19.64	19.45	17.43
			1	99	1	0	25.29	24.43	23.40	20.65	23.84	23.17	22.03	19.04	24.69	23.91	22.82	19.82	22.70	21.51	20.50	17.68
			100	0	75	0	23.52	22.58	22.39	20.33	22.16	21.09	21.06	19.04	22.80	21.90	21.86	19.80	20.57	19.64	19.51	17.50

OUTPUT POWER FOR ULCA LTE BAND 7 (20.0MHz + 20.0MHz)

Bandwidth	PCC Frequency (MHz)	SCC1 Frequency (MHz)	PCC RB		SCC1 RB		Conducted Average (dBm)															
			Size	Offset	Size	Offset	ANT 1				ANT 2				ANT 3				ANT 4			
			QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM				
20MHz/ 20MHz	2510.0	2529.8	1	99	1	0	25.59	23.70	23.65	20.56	23.98	23.15	22.19	19.00	24.73	23.84	22.84	19.78	22.44	21.66	20.48	17.50
			1	0	1	99	17.19	17.00	16.97	17.02	15.69	15.58	15.36	15.63	16.35	16.20	15.51	16.44	14.05	14.06	13.95	14.19
			100	0	100	0	23.49	22.57	22.60	20.41	22.06	21.14	21.19	18.27	22.85	22.00	21.01	19.64	20.54	19.58	19.52	17.51
			1	99	1	0	25.36	24.66	23.61	20.59	24.12	22.98	22.17	19.17	24.01	23.85	22.98	19.98	22.50	21.49	20.54	17.65
			1	0	1	99	17.05	16.88	17.15	17.13	15.51	15.67	15.58	15.54	16.42	16.28	16.16	16.27	14.13	14.04	13.92	13.99
			100	0	100	0	23.70	22.52	22.52	20.39	22.07	21.09	21.18	18.22	22.77	21.97	21.93	19.63	20.55	19.63	19.53	17.38
	2525.1	2544.9	1	99	1	0	25.57	24.67	23.52	20.50	23.98	23.00	22.09	19.08	24.80	23.00	22.01	19.91	22.65	21.66	20.55	17.46
			1	0	1	99	17.13	16.94	16.87	17.11	15.64	15.36	15.69	15.51	16.49	16.34	16.17	16.46	14.02	14.06	13.97	14.04
			100	0	100	0	23.62	22.50	22.63	20.53	22.05	21.20	21.18	18.22	22.92	21.85	21.84	19.63	20.54	19.70	19.57	17.48
			1	99	1	0	25.57	24.67	23.52	20.50	23.98	23.00	22.09	19.08	24.80	23.00	22.01	19.91	22.65	21.66	20.55	17.46
			1	0	1	99	17.13	16.94	16.87	17.11	15.64	15.36	15.69	15.51	16.49	16.34	16.17	16.46	14.02	14.06	13.97	14.04
			100	0	100	0	23.62	22.50	22.63	20.53	22.05	21.20	21.18	18.22	22.92	21.85	21.84	19.63	20.54	19.70	19.57	17.48

8.4. LTE BAND 41 (FCC)

Test Engineer ID:	32546	Test Date:	2025-02-06
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OUTPUT POWER FOR LTE BAND 41 (5.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				39675	40620	41565	39675	40620	41565	39675	40620	41565	39675	40620	41565
5.0	QPSK	1	0	24.65	28.39	27.55	24.95	28.21	27.91	22.92	27.97	26.95	23.07	27.70	26.28
		1	12	27.70	28.56	27.70	28.00	28.24	28.00	26.20	28.00	27.00	26.30	27.64	26.30
		1	24	27.68	28.41	27.54	27.91	28.62	27.86	26.17	27.92	26.92	26.28	27.53	26.17
		12	0	23.63	27.67	26.67	23.96	27.63	26.97	22.02	26.95	25.98	22.16	26.60	25.30
		12	6	23.64	27.68	26.65	23.92	27.63	26.95	22.02	26.96	25.97	22.21	26.70	25.28
		12	11	26.69	27.69	26.65	26.90	27.62	26.97	25.08	26.96	25.95	25.18	26.60	25.29
		25	0	23.61	27.67	26.68	23.94	27.65	26.98	21.98	26.96	25.96	22.24	26.64	25.27
		1	0	23.68	27.68	26.64	23.90	27.64	26.91	22.03	26.92	25.94	22.29	26.60	25.27
	16QAM	1	0	26.69	27.69	26.64	26.95	27.68	26.96	25.11	26.97	25.94	25.27	26.62	25.21
		1	24	26.60	27.63	26.61	26.97	27.67	26.99	25.19	26.98	25.91	25.27	26.63	25.26
		12	0	22.68	26.65	25.70	22.93	26.70	25.93	21.04	25.91	24.98	21.15	25.64	24.28
		12	6	22.62	26.68	25.62	22.90	26.68	25.95	21.04	25.93	24.96	21.22	25.65	24.27
		12	11	25.66	26.67	25.69	25.98	26.69	25.93	24.15	25.96	24.97	24.19	25.66	24.28
		25	0	22.61	26.67	25.66	22.92	26.70	25.97	21.02	25.94	24.99	21.24	25.62	24.29
		1	0	22.63	26.64	25.63	23.00	26.63	25.94	21.17	25.93	24.94	21.22	25.65	24.22
		1	12	25.64	26.64	25.64	25.91	26.70	25.94	24.14	25.94	24.93	24.29	25.62	24.20
	64QAM	1	24	25.63	26.66	25.61	25.96	26.66	25.97	24.15	25.97	24.94	24.24	25.62	24.22
		12	0	21.68	25.65	24.63	21.96	25.70	24.92	20.04	24.94	23.96	20.23	24.65	23.22
		12	6	21.67	25.61	24.67	21.95	25.63	24.99	20.04	24.92	23.99	20.22	24.70	23.27
		12	11	24.68	25.62	24.67	24.98	25.65	24.95	23.12	24.98	23.98	23.22	24.64	23.28
		25	0	21.70	25.66	24.66	21.94	25.66	24.95	20.02	24.96	23.98	20.22	24.67	23.29
		1	0	19.63	23.64	22.63	19.90	23.69	22.96	18.13	22.96	21.99	18.30	22.69	21.25
		1	12	22.66	23.62	22.60	22.98	23.65	22.93	21.12	22.98	21.99	21.28	22.61	21.28
		1	24	22.66	23.70	22.61	23.00	23.61	22.97	21.14	22.97	21.92	21.28	22.67	21.30
	256QAM	12	0	19.67	23.69	22.66	19.91	23.70	22.92	18.03	22.95	22.00	18.20	22.67	21.28
		12	6	19.66	23.69	22.64	19.92	23.69	22.92	18.05	22.95	22.00	18.26	22.65	21.30
		12	11	22.65	23.63	22.66	22.98	23.67	22.98	21.07	22.97	21.96	21.21	22.67	21.27
		25	0	19.69	23.61	22.62	19.92	23.70	22.97	18.02	22.98	21.96	18.24	22.62	21.25

OUTPUT POWER FOR LTE BAND 41 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				39700	40620	41540	39700	40620	41540	39700	40620	41540	39700	40620	41540
10.0	QPSK	1	0	22.60	28.38	27.55	22.98	28.64	27.91	20.92	27.96	26.95	21.07	27.70	26.28
		1	24	27.67	28.53	27.70	28.00	28.22	28.00	26.16	27.97	27.00	26.29	27.61	26.30
		1	49	27.70	28.34	27.67	27.92	28.67	27.97	26.20	28.00	26.98	26.30	27.48	26.22
		25	0	23.63	27.65	26.68	23.93	27.64	26.91	22.07	26.93	25.92	22.25	26.63	25.26
		25	12	26.61	27.65	26.64	26.98	27.60	26.94	25.16	26.91	25.99	25.27	26.62	25.25
		25	24	25.61	27.67	26.64	25.97	27.70	26.92	24.19	26.99	25.97	24.27	26.60	25.27
		50	0	23.68	27.65	26.69	23.90	27.62	26.98	22.14	26.92	25.91	22.19	26.65	25.26
		1	0	21.69	27.65	26.66	21.91	27.64	26.94	20.01	26.95	25.91	20.15	26.66	25.21
	16QAM	1	24	26.64	27.69	26.69	26.90	27.67	26.95	25.15	26.94	25.90	25.20	26.64	25.24
		1	49	26.67	27.63	26.69	26.90	27.69	26.92	25.15	26.94	25.91	25.27	26.67	25.27
		25	0	22.62	26.67	25.64	22.98	26.70	25.99	21.11	25.92	24.99	21.24	25.62	24.21
		25	12	25.67	26.62	25.63	25.94	26.65	25.92	24.12	25.97	24.97	24.28	25.61	24.21
		25	24	24.69	26.66	25.66	24.97	26.68	25.92	23.18	25.98	24.92	23.30	25.60	24.29
		50	0	22.66	26.69	25.66	22.91	26.68	25.99	21.17	25.91	24.92	21.25	25.62	24.21
		1	0	20.68	26.67	25.67	20.93	26.70	25.96	19.06	25.95	24.90	19.30	25.67	24.22
		1	24	25.69	26.61	25.64	25.91	26.63	25.92	24.12	26.00	24.91	24.23	25.64	24.26
	64QAM	1	49	25.63	26.61	25.69	25.98	26.67	25.92	24.11	25.92	24.98	24.24	25.69	24.26
		25	0	21.62	25.68	24.68	21.98	25.62	24.96	20.08	24.90	23.99	20.30	24.68	23.25
		25	12	24.67	25.66	24.64	24.96	25.65	24.94	23.18	24.99	23.92	23.28	24.68	23.20
		25	24	23.63	25.65	24.66	23.93	25.65	24.90	22.18	24.98	23.97	22.30	24.67	23.29
		50	0	21.66	25.68	24.64	21.90	25.66	24.98	20.17	24.92	23.99	20.23	24.68	23.28
		1	0	17.68	23.63	22.63	17.92	23.62	22.94	15.99	22.96	21.95	16.24	22.69	21.24
		1	24	22.60	23.62	22.65	22.95	23.64	22.98	21.14	22.95	21.95	21.24	22.65	21.21
		1	49	22.66	23.62	22.63	22.98	23.63	22.99	21.12	22.98	21.98	21.22	22.67	21.27
	256QAM	25	0	19.63	23.67	22.66	19.99	23.62	22.98	18.09	22.91	21.91	18.28	22.68	21.24
		25	12	22.69	23.68	22.64	22.98	23.66	22.92	21.18	22.99	21.97	21.27	22.68	21.23
		25	24	21.64	23.67	22.63	21.91	23.67	22.92	20.17	22.98	21.97	20.29	22.69	21.27
		50	0	19.68	23.61	22.64	19.93	23.60	22.94	18.17	22.90	21.91	18.24	22.63	21.27

OUTPUT POWER FOR LTE BAND 41 (15.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				39725	40620	41515	39725	40620	41515	39725	40620	41515	39725	40620	41515
15.0	QPSK	1	0	22.64	28.30	27.58	22.90	28.69	27.87	20.82	27.92	26.89	21.00	27.66	26.25
		1	37	27.70	28.41	27.70	28.00	28.20	28.00	26.11	28.00	27.00	26.24	27.70	26.30
		1	74	27.62	28.33	27.62	27.99	28.63	27.96	26.20	27.85	26.98	26.30	27.62	26.21
		36	0	22.65	27.64	26.68	22.93	27.68	26.98	21.01	26.99	25.98	21.09	26.66	25.30
		36	16	26.64	27.62	26.63	26.96	27.62	26.99	25.10	26.95	25.94	25.25	26.63	25.26
		36	35	23.68	27.67	26.66	23.90	27.63	26.98	22.13	26.90	25.96	22.15	26.67	25.23
		75	0	22.62	27.67	26.70	22.93	27.67	26.98	20.98	26.95	25.98	21.16	26.70	25.25
	16QAM	1	0	21.64	27.64	26.65	21.98	27.66	26.93	19.92	26.90	25.98	20.06	26.69	25.21
		1	37	26.67	27.67	26.67	26.93	27.69	26.93	25.11	26.99	25.99	25.29	26.65	25.24
		1	74	26.60	27.62	26.60	26.97	27.61	26.94	25.16	26.91	25.92	25.26	26.68	25.30
		36	0	21.62	26.70	25.66	21.99	26.65	25.98	20.03	25.99	24.96	20.14	25.66	24.24
		36	16	25.64	26.68	25.61	25.95	26.68	25.90	24.13	25.96	24.94	24.29	25.63	24.24
		36	35	22.66	26.61	25.62	22.94	26.60	25.97	21.14	25.96	24.98	21.17	25.67	24.27
		75	0	21.69	26.63	25.66	21.94	26.62	25.95	20.00	25.99	24.98	20.20	25.66	24.28
	64QAM	1	0	20.66	26.70	25.64	20.93	26.70	25.95	19.06	25.92	24.95	19.21	25.67	24.28
		1	37	25.66	26.68	25.62	25.93	26.69	25.97	24.18	25.95	24.93	24.25	25.61	24.28
		1	74	25.66	26.63	25.64	25.92	26.70	25.97	24.13	25.92	24.97	24.25	25.64	24.24
		36	0	20.64	25.70	24.64	20.91	25.61	24.91	19.03	24.96	23.96	19.18	24.61	23.28
		36	16	24.61	25.66	24.61	24.93	25.70	24.91	23.12	24.94	23.92	23.28	24.69	23.26
		36	35	21.68	25.68	24.69	21.94	25.69	24.95	20.16	24.95	23.96	20.21	24.62	23.25
		75	0	20.68	25.63	24.64	20.92	25.69	24.93	19.06	24.98	23.96	19.24	24.61	23.28
	256QAM	1	0	17.62	23.69	22.63	17.98	23.61	22.98	15.94	22.91	21.97	16.10	22.62	21.29
		1	37	22.67	23.69	22.68	22.97	23.65	22.92	21.14	22.97	21.97	21.27	22.65	21.20
		1	74	22.68	23.64	22.61	22.90	23.67	22.99	21.12	22.96	21.96	21.22	22.66	21.26
		36	0	18.66	23.64	22.68	18.99	23.68	22.94	17.00	22.97	22.00	17.12	22.61	21.27
		36	16	22.64	23.62	22.64	22.95	23.60	22.97	21.08	22.94	21.92	21.26	22.63	21.30
		36	35	19.68	23.65	22.63	19.90	23.62	22.98	18.14	22.96	21.98	18.23	22.63	21.28
		75	0	18.68	23.65	22.64	18.90	23.62	22.91	17.03	22.96	22.00	17.20	22.66	21.27

OUTPUT POWER FOR LTE BAND 41 (20.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				39750	40620	41490	39750	40620	41490	39750	40620	41490	39750	40620	41490
20.0	QPSK	1	0	22.62	28.30	27.54	22.99	28.66	27.90	20.72	27.97	26.92	20.98	27.69	26.26
		1	49	27.70	28.44	27.70	28.00	28.26	28.00	26.10	28.00	27.00	26.24	27.70	26.30
		1	99	27.68	28.31	27.55	27.97	28.67	27.95	26.20	27.87	26.89	26.30	27.55	26.14
		50	0	22.66	27.60	26.63	22.92	27.63	26.99	20.95	26.94	25.99	21.15	26.68	25.30
		50	24	26.63	27.67	26.64	26.97	27.68	27.00	25.13	26.92	25.98	25.19	26.64	25.29
		50	49	23.61	27.64	26.65	23.99	27.70	26.98	22.10	26.93	25.98	22.14	26.69	25.18
		100	0	22.63	27.64	26.60	22.94	27.65	26.92	21.02	26.96	25.99	21.11	26.63	25.26
	16QAM	1	0	21.68	27.62	26.60	21.98	27.70	26.98	19.78	26.94	25.97	20.03	26.60	25.29
		1	49	26.62	27.64	26.62	26.97	27.64	26.97	25.15	26.99	25.99	25.28	26.64	25.28
		1	99	26.61	27.68	26.60	26.91	27.65	26.90	25.14	26.94	25.94	25.28	26.62	25.18
		50	0	21.63	26.70	25.62	21.93	26.63	25.96	19.97	25.96	24.99	20.15	25.66	24.29
		50	24	25.63	26.67	25.66	25.92	26.64	25.91	24.16	25.90	24.94	24.18	25.66	24.28
		50	49	22.70	26.67	25.67	22.91	26.68	25.99	21.12	25.93	24.96	21.16	25.65	24.22
		100	0	21.63	26.62	25.68	21.98	26.69	25.95	20.04	25.96	24.96	20.11	25.68	24.24
	64QAM	1	0	20.68	26.64	25.63	20.94	26.66	25.99	18.96	25.96	24.92	19.18	25.63	24.21
		1	49	25.63	26.65	25.65	25.94	26.69	26.00	24.19	26.00	24.95	24.20	25.67	24.20
		1	99	25.61	26.62	25.67	25.97	26.63	25.99	24.16	25.93	24.94	24.29	25.63	24.29
		50	0	20.67	25.70	24.62	20.94	25.63	24.94	18.95	24.94	23.99	19.16	24.64	23.29
		50	24	24.63	25.65	24.64	24.96	25.66	24.92	23.11	24.92	23.97	23.17	24.66	23.26
		50	49	21.63	25.61	24.65	21.95	25.67	24.96	20.09	24.91	24.00	20.17	24.63	23.18
		100	0	20.62	25.69	24.70	20.94	25.68	24.91	19.07	24.96	23.99	19.12	24.61	23.26
	256QAM	1	0	17.62	23.64	22.70	17.90	23.62	22.99	15.79	22.93	21.99	16.05	22.67	21.25
		1	49	22.64	23.61	22.68	22.94	23.69	23.00	21.12	23.00	21.98	21.28	22.65	21.26
		1	99	22.61	23.70	22.64	22.92	23.62	22.92	21.18	22.93	21.97	21.29	22.63	21.27
		50	0	18.67	23.62	22.62	18.94	23.68	22.98	16.95	22.96	21.97	17.10	22.64	21.26
		50	24	22.64	23.68	22.68	22.98	23.67	22.90	21.10	22.94	21.99	21.16	22.66	21.21
		50	49	19.63	23.64	22.67	19.91	23.68	22.98	18.08	22.93	21.99	18.16	22.69	21.20
		100	0	18.66	23.63	22.62	18.95	23.63	22.96	17.05	22.96	21.97	17.10	22.62	21.28

8.5. 5G NR n41 (FCC)

Test Engineer ID:	19146	Test Date:	2025-07-11
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OUTPUT POWER FOR 5G NR n41 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 2			ANT 1			ANT 4			ANT 3		
				500202	518598	537000	500202	518598	537000	500202	518598	537000	500202	518598	537000
10.0	BPSK	1	0	2501.0	2593.0	2685.0	2501.0	2593.0	2685.0	2501.0	2593.0	2685.0	2501.0	2593.0	2685.0
		1	1	25.13	25.15	25.00	25.15	25.11	25.06	24.02	24.12	24.14	24.40	24.44	24.35
		1	22	28.51	28.57	28.68	28.57	28.62	28.67	27.56	27.66	27.52	27.84	27.97	27.92
		1	23	25.14	25.02	25.06	25.06	25.17	25.03	24.13	24.11	24.04	24.46	24.36	24.46
		12	6	28.58	28.70	28.50	28.62	28.70	28.51	27.52	27.68	27.59	27.91	27.88	27.99
		24	0	28.00	27.99	28.18	28.05	28.10	28.03	27.04	27.17	27.10	27.30	27.35	27.49
	QPSK	1	0	25.07	25.08	25.14	25.14	25.05	25.09	24.08	24.13	24.17	24.41	24.40	24.32
		1	1	28.54	28.64	28.57	28.53	28.52	28.53	27.64	27.63	27.61	27.91	27.95	27.84
		1	22	28.53	28.59	28.61	28.58	28.54	28.68	27.50	27.53	27.62	27.85	27.87	27.96
		1	23	25.09	25.06	25.08	25.05	24.70	25.18	24.03	24.01	24.19	24.31	24.33	24.41
		12	6	28.68	28.56	28.66	28.68	28.54	28.66	27.55	27.70	27.65	27.83	28.00	27.85
		24	0	27.63	27.46	27.60	27.64	27.60	27.62	26.62	26.66	26.53	26.90	27.00	26.83
	16QAM	1	0	25.07	25.12	25.02	25.08	25.01	25.06	24.00	24.13	24.04	24.46	24.40	24.38
		1	1	27.69	27.50	27.62	27.68	27.52	27.57	26.67	26.62	26.65	26.91	26.98	26.91
		1	22	27.55	27.62	27.61	27.65	27.54	27.62	26.50	26.51	26.57	26.93	26.83	26.88
		1	23	25.09	25.08	25.06	25.12	25.15	25.04	24.12	24.14	24.13	24.32	24.47	24.44
		12	6	27.50	27.57	27.64	27.56	27.57	27.61	26.50	26.58	26.63	26.95	26.88	26.86
		24	0	26.50	26.48	26.54	26.51	26.60	26.66	25.54	25.70	25.54	25.95	25.96	25.95
	64QAM	1	0	25.00	25.18	25.03	25.06	25.19	25.05	24.10	24.13	24.10	24.42	24.49	24.33
		1	1	26.00	26.07	26.17	26.07	26.01	26.07	25.16	25.03	25.03	25.48	25.36	25.40
		1	22	26.10	26.10	26.00	26.18	26.15	26.00	25.19	25.00	25.12	25.34	25.40	25.36
		1	23	25.11	25.19	25.03	25.00	25.05	25.12	24.11	24.02	24.17	24.31	24.36	24.46
		12	6	26.10	26.13	26.17	26.17	26.02	26.05	25.16	25.11	25.07	25.41	25.50	25.49
		24	0	26.04	26.00	26.01	26.19	26.04	26.02	25.19	25.12	25.04	25.47	25.44	25.32
	256QAM	1	0	24.16	24.06	24.18	24.00	24.12	24.01	23.06	23.08	23.08	23.30	23.43	23.35
		1	1	24.12	24.06	24.07	24.00	24.07	24.11	23.14	23.01	23.05	23.30	23.45	23.46
		1	22	24.11	24.03	24.12	24.05	24.00	24.06	23.11	23.04	23.07	23.48	23.30	23.31
		1	23	24.13	24.06	24.15	24.19	24.10	24.13	23.11	23.16	23.19	23.48	23.47	23.36
		12	6	24.10	24.20	24.18	24.16	24.10	24.05	23.07	23.18	23.01	23.31	23.37	23.32
		24	0	24.05	24.01	24.05	24.00	24.20	24.14	23.01	23.12	23.07	23.36	23.45	23.47

OUTPUT POWER FOR 5G NR n41 (15.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 2			ANT 1			ANT 4			ANT 3		
				500700	518598	536496	500700	518598	536496	500700	518598	536496	500700	518598	536496
15.0	BPSK	1	0	2503.5	2593.0	2682.5	2503.5	2593.0	2682.5	2503.5	2593.0	2682.5	2503.5	2593.0	2682.5
		1	1	25.09	25.19	25.12	25.15	25.04	25.13	24.02	24.11	24.03	24.37	24.00	24.31
		1	36	28.69	28.51	28.63	28.64	28.68	28.56	27.67	27.56	27.69	27.94	27.97	27.84
		1	37	28.63	28.67	28.62	28.55	28.64	28.54	27.68	27.57	27.69	27.96	27.87	27.80
		1	37	25.09	25.12	25.09	25.16	25.03	25.17	24.09	24.13	24.01	24.45	24.33	24.34
		18	9	28.53	28.70	28.61	28.64	28.70	28.56	27.66	27.70	27.61	27.97	27.93	27.98
	QPSK	36	0	24.38	28.12	28.03	24.05	28.08	28.14	22.62	27.06	27.15	22.59	27.42	27.32
		1	0	25.13	25.03	25.16	25.05	25.12	25.15	24.06	24.14	24.19	24.40	24.34	24.42
		1	1	28.63	28.64	28.63	28.50	28.66	28.53	27.56	27.67	27.58	27.98	27.83	27.95
		1	36	28.65	28.57	28.50	28.57	28.52	28.69	27.61	27.53	27.55	27.97	27.96	27.92
		1	37	25.13	25.10	25.07	25.15	25.03	25.06	24.08	24.10	24.19	24.46	24.41	24.38
		18	9	28.63	28.65	28.63	28.58	28.63	28.64	27.60	27.68	27.59	27.88	28.00	27.81
	16QAM	36	0	24.43	27.65	27.56	24.01	27.66	27.69	22.72	26.47	26.57	22.67	26.96	26.85
		1	0	25.10	25.08	25.03	25.01	25.07	25.12	24.14	24.00	24.17	24.33	24.45	24.34
		1	1	27.67	27.53	27.63	27.67	27.68	27.51	26.68	26.60	26.54	26.86	26.91	26.90
		1	36	27.69	27.62	27.54	27.61	27.65	27.50	26.64	26.55	26.64	26.88	26.89	26.88
		1	37	25.13	25.01	25.05	25.16	25.09	25.18	24.19	24.00	24.06	24.31	24.34	24.42
		18	9	27.56	27.64	27.66	27.50	27.53	27.57	26.57	26.57	26.62	26.81	26.89	26.86
	64QAM	36	0	24.46	26.69	26.65	24.02	26.58	26.60	22.73	25.57	25.69	22.54	25.93	25.88
		1	0	25.02	25.10	25.03	25.14	25.06	25.04	24.00	24.08	24.12	24.30	24.34	24.38
		1	1	26.05	26.10	26.15	26.05	26.08	26.13	25.01	25.17	25.18	25.47	25.40	25.33
		1	36	26.03	26.19	26.05	26.02	26.19	26.19	25.17	25.00	25.01	25.37	25.48	25.44
		1	37	25.15	25.19	25.19	25.04	25.12	25.09	24.19	24.18	24.12	24.35	24.43	24.33
		18	9	26.13	26.15	26.07	26.10	26.13	26.02	25.11	25.17	25.17	25.31	25.42	25.44
	256QAM	36	0	24.34	26.19	26.19	24.16	26.13	26.15	22.69	25.07	25.04	22.52	25.34	25.48
		1	0	24.04	24.02	24.07	24.18	24.18	24.05	23.01	23.01	23.12	23.48	23.32	23.48
		1	1	24.10	24.04	24.09	24.06	24.19	24.13	23.03	23.05	23.13	23.40	23.47	23.38
		1	36	24.12	24.17	24.09	24.19	24.10	24.04	23.11	23.18	23.04	23.31	23.48	23.48
		1	37	24.11	24.04	24.14	24.06	24.01	24.12	23.00	23.00	23.11	23.34	23.48	23.43
		18	9	24.12	24.14	24.10	24.09	24.09	24.18	23.10	22.96	23.09	23.48	23.44	23.44

OUTPUT POWER FOR 5G NR n41 (20.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 2			ANT 1			ANT 4			ANT 3		
				501204	518598	535998	501204	518598	535998	501204	518598	535998	501204	518598	535998
20.0	BPSK	1	0	2506.0	2593.0	2680.0	2506.0	2593.0	2680.0	2506.0	2593.0	2680.0	2506.0	2593.0	2680.0
		1	1	25.04	25.02	25.00	25.07	25.08	25.11	24.02	24.08	24.00	24.47	24.45	24.36
		1	49	28.67	28.57	28.69	28.64	28.66	28.50	27.55	27.54	27.54	27.90	27.98	27.99
		1	50	28.56	28.50	28.55	28.67	28.62	28.63	27.50	27.59	27.54	27.85	27.82	27.95
		25	12	25.14	25.10	25.09	25.14	25.17	25.04	24.13	24.17	24.05	24.34	24.46	24.30
		50	0	28.53	28.70	28.63	28.59	28.70	28.65	27.56	27.67	27.58	27.97	27.85	27.91
	QPSK	1	0	28.16	28.11	28.16	28.03	28.14	28.16	27.02	27.19	27.18	27.48	27.35	27.34
		1	0	25.03	25.02	25.15	25.02	25.14	25.18	24.10	24.17	24.01	24.49	24.40	24.38
		1	1	28.56	28.56	28.51	28.66	28.52	28.69	27.59	27.56	27.59	27.80	27.84	27.94
		1	49	28.69	28.51	28.59	28.63	28.54	28.59	27.66	27.51	27.64	27.85	27.84	27.80
		1	50	25.11	25.13	25.11	25.16	25.18	25.12	24.19	24.06	24.14	24.46	24.45	24.41
		25	12	28.65	28.68	28.56	28.55	28.58	28.60	27.69	27.70	27.60	27.88	28.00	27.85
	16QAM	50	0	27.56	27.67	27.52	27.62	27.53	27.62	26.65	26.59	26.65	26.96	26.87	26.86
		1	0	25.19	25.15	25.09	25.18	25.02	25.11	24.15	24.11	24.02	24.30	24.41	24.43
		1	1	27.55	27.52	27.64	27.57	27.62	27.52	26.51	26.62	26.50	26.96	26.80	26.81
		1	49	27.58	27.67	27.66	27.69	27.53	27.60	26.52	26.65	26.67	26.95	26.84	26.99
		1	50	25.08	25.17	25.18	25.10	25.09	25.09	24.08	24.12	24.18	24.42	24.36	24.36
		25	12	27.52	27.61	27.57	27.53	27.50	27.60	26.56	26.51	26.63	26.97	26.97	26.91
	64QAM	50	0	26.65	26.59	26.51	26.54	26.47	26.61	25.55	25.50	25.55	25.94	25.88	25.90
		1	0	25.03	25.16	25.02	25.04	25.06	25.18	24.09	24.10	24.17	24.47	24.46	24.35
		1	1	26.09	26.02	26.14	26.00	26.11	26.16	25.16	25.11	25.02	25.40	25.00	25.41
		1	49	26.08	26.01	26.09	26.15	26.07	26.02	25.01	25.11	25.01	25.41	25.49	25.38
		1	50	25.07	25.18	25.17	25.17	25.01	25.13	24.06	24.18	24.14	24.31	24.41	24.32
		25	12	26.10	26.20	26.02	26.13	26.16	26.08	25.13	25.20	25.00	25.46	25.48	25.40
	256QAM	50	0	26.19	26.15	26.16	26.09	26.08	26.06	25.14	25.17	25.01	25.37	25.41	25.37
		1	0	24.10	24.00	24.07	24.18	24.14	24.09	23.13	23.03	23.17	23.31	23.45	23.40
		1	1	24.16	24.05	24.16	24.16	24.00	24.01	23.14	23.00	23.14	23.42	23.44	23.49
		1	49	24.10	24.17	24.16	24.10	24.13	24.06	23.16	23.09	23.01	23.49	23.34	23.48
		1	50	24.04	24.14	24.01	24.02	24.19	24.00	23.15	23.15	23.18	23.41	23.45	23.35
		25	12	24.11	24.20	24.15	24.09	23.97	24.06	23.13	23.09	23.09	23.41	23.31	23.47
		50	0	24.19	24.11	24.12	24.11	24.08	24.08	23.18	23.14	23.13	23.39	23.45	23.31

OUTPUT POWER FOR 5G NR n41 (25.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 2			ANT 1			ANT 4			ANT 3		
				501702	518598	535500	501702	518598	535500	501702	518598	535500	501702	518598	535500
25.0	BPSK	1	0	2508.5	2593.0	2677.5	2508.5	2593.0	2677.5	2508.5	2593.0	2677.5	2508.5	2593.0	2677.5
		1	1	25.06	25.10	25.18	25.08	25.17	25.11	24.10	24.00	24.01	24.32	24.43	24.39
		1	63	28.60	28.60	28.51	28.62	28.52	28.54	27.57	27.59	27.55	27.82	27.81	27.97
		1	64	28.60	28.64	28.53	28.56	28.50	28.59	27.63	27.65	27.57	27.81	27.82	27.86
		32	16	25.03	25.03	25.18	25.02	25.05	25.19	24.04	24.02	24.16	24.42	24.33	24.39
		64	0	28.61	28.70	28.65	28.64	28.70	28.53	27.50	27.70	27.64	27.96	28.00	27.84
	QPSK	1	0	24.46	28.19	28.09	24.05	28.10	28.02	22.76	27.10	27.02	22.55	27.45	27.38
		1	0	25.02	25.13	25.01	25.06	25.17	25.18	24.11	24.17	24.04	24.45	24.32	24.37
		1	1	28.54	28.56	28.54	28.62	28.61	28.56	27.56	27.51	27.54	27.88	27.84	27.92
		1	63	28.57	28.61	28.55	28.66	28.51	28.64	27.69	27.55	27.57	27.91	27.97	27.83
		1	64	25.01	25.14	25.02	25.10	25.17	25.14	24.10	24.16	24.04	24.38	24.46	24.33
		32	16	28.50	28.61	28.62	28.65	28.66	28.58	27.68	27.67	27.51	27.82	27.94	27.95
	16QAM	64	0	24.46	27.57	27.68	24.09	27.59	27.52	22.66	26.69	26.66	22.55	26.89	26.95
		1	0	25.00	25.10	25.15	25.15	25.14	25.04	24.01	24.03	24.04	24.38	24.36	24.34
		1	1	27.68	27.61	27.66	27.58	27.55	27.51	26.69	26.54	26.66	26.96	26.87	26.83
		1	63	27.67	27.61	27.68	27.51	27.64	27.57	26.59	26.55	26.52	26.83	26.91	26.94
		1	64	25.14	25.17	25.04	25.17	25.09	25.07	24.00	24.04	24.14	24.49	24.34	24.45
		32	16	27.52	27.55	27.55	27.52	27.68	27.55	26.61	26.70	26.67	26.80	26.98	26.81
	64QAM	64	0	24.36	26.54	26.59	24.03	26.69	26.54	22.65	25.58	25.54	22.64	25.97	25.85
		1	0	25.17	25.16	25.18	25.12	25.03	25.14	24.13	24.00	24.08	24.34	24.46	24.31
		1	1	26.11	26.08	26.01	26.16	26.12	26.11	25.16	25.15	25.10	25.35	25.35	25.47
		1	63	26.08	26.16	26.08	26.02	26.06	26.07	25.03	25.09	25.07	25.32	25.47	25.36
		1	64	25.12	25.17	25.09	25.15	25.19	25.14	24.11	24.18	24.13	24.32	24.41	24.39
		32	16	26.15	26.14	26.11	26.18	26.13	26.09	25.18	25.01	25.18	25.41	25.46	25.39
	256QAM	64	0	24.36	26.11	26.13	24.15	26.13	26.13	22.76	25.11	25.18	22.69	25.48	25.44
		1	0	24.07	24.08	24.19	24.16	24.12	24.18	23.10	23.12	23.03	23.46	23.33	23.46
		1	1	24.16	24.14	24.00	24.04	24.04	24.11	23.19	23.06	23.01	23.41	23.47	23.41
		1	63	24.13	24.00	24.17	24.04	24.00	24.11	23.07	23.18	23.10	23.40	23.49	23.30
		1	64	24.13	24.10	24.01	24.00	24.04	24.08	23.19	23.13	23.15	23.47	23.44	23.31
		32	16	24.18	24.05	24.19	24.14	24.16	24.00	23.12	23.18	23.09	23.40	23.46	23.39
		64	0	24.41	24.18	24.03	24.10	24.13	24.14	22.76	23.12	23.14	22.69	23.50	23.41

OUTPUT POWER FOR 5G NR n41 (30.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 2			ANT 1			ANT 4			ANT 3		
				502200	518598	524996	502200	518598	524996	502200	518598	524996	502200	518598	524996
30.0	BPSK	1	0	25.09	25.02	25.12	25.15	25.06	25.08	24.17	24.01	24.14	24.37	24.33	24.34
		1	1	28.69	28.66	28.56	28.54	28.63	28.63	27.51	27.64	27.69	27.88	27.97	27.91
		1	76	28.58	28.65	28.57	28.54	28.50	28.65	27.63	27.56	27.66	27.99	27.88	27.96
		1	77	25.00	25.00	25.04	25.12	25.17	25.18	24.08	24.07	24.17	24.44	24.41	24.39
		36	18	28.58	28.70	28.65	28.55	28.62	28.60	27.57	27.70	27.52	27.93	28.00	27.85
		75	0	24.91	28.13	28.02	24.50	28.12	28.00	23.15	26.98	27.01	23.17	27.31	27.34
	QPSK	1	0	25.12	25.02	25.13	25.11	25.10	25.10	24.19	24.15	24.04	24.38	24.44	24.35
		1	1	28.57	28.57	28.65	28.68	28.64	28.67	27.53	27.20	27.65	27.84	27.80	27.97
		1	76	28.56	28.61	28.67	28.60	28.63	28.51	27.51	27.56	27.63	27.84	27.96	27.88
		1	77	25.12	25.12	25.09	25.10	25.04	25.10	24.18	24.17	24.02	24.38	24.34	24.41
		36	18	28.62	28.67	28.56	28.62	28.70	28.59	27.53	27.51	27.54	27.89	27.84	27.80
		75	0	24.81	27.63	27.52	24.53	27.69	27.51	23.26	26.49	26.59	23.12	26.98	26.84
	16QAM	1	0	25.09	25.08	25.19	25.07	25.14	25.03	24.08	24.06	24.09	24.31	24.37	24.47
		1	1	27.69	27.57	27.51	27.64	27.67	27.65	26.61	26.51	26.69	26.88	26.82	26.87
		1	76	27.64	27.68	27.54	27.66	27.62	27.63	26.62	26.50	26.61	26.96	26.80	26.80
		1	77	25.02	25.16	25.08	25.13	25.04	25.14	24.19	24.05	24.07	24.49	24.48	24.48
		36	18	27.58	27.58	27.69	27.62	27.61	27.61	26.61	26.65	26.69	26.83	26.99	26.94
		75	0	24.87	26.63	26.50	24.68	26.70	26.51	23.12	25.65	25.60	23.06	25.87	25.90
	64QAM	1	0	25.11	25.08	25.00	25.14	25.06	25.01	24.19	24.06	24.17	24.48	24.47	24.35
		1	1	26.19	26.19	26.19	26.03	26.10	26.10	25.13	25.06	25.13	25.40	25.35	25.36
		1	76	26.02	26.05	26.11	26.00	26.14	26.19	25.12	25.12	25.16	25.37	25.36	25.45
		1	77	25.05	25.12	25.10	25.02	25.14	25.02	24.01	24.12	24.02	24.47	24.41	24.37
		36	18	26.00	26.13	26.11	26.15	26.12	26.15	25.01	25.14	25.03	25.48	25.34	25.46
		75	0	24.88	26.15	26.11	24.60	26.18	26.19	23.18	25.06	25.02	23.05	25.48	25.39
	256QAM	1	0	24.10	24.18	24.08	24.11	24.17	24.01	23.05	23.08	23.04	23.37	23.46	23.42
		1	1	24.15	24.05	24.17	24.05	24.18	24.08	23.05	23.12	23.14	23.49	23.44	23.36
		1	76	24.07	24.04	24.07	24.16	24.08	24.12	23.02	23.06	23.03	23.33	23.36	23.36
		1	77	24.12	24.15	24.10	24.09	24.19	24.02	23.15	23.04	23.15	23.30	23.31	23.36
		36	18	24.02	24.11	24.17	24.00	24.18	24.07	23.08	23.17	23.17	23.41	23.48	23.39
		75	0	24.94	24.12	24.15	24.62	24.15	24.07	23.18	23.01	23.16	23.04	23.44	23.40

OUTPUT POWER FOR 5G NR n41 (35.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 2			ANT 1			ANT 4			ANT 3		
				502704	518598	534498	502704	518598	534498	502704	518598	534498	502704	518598	534498
35.0	BPSK	1	0	25.08	25.08	25.14	25.15	25.06	25.14	24.12	24.09	24.17	24.41	24.48	24.37
		1	1	28.61	28.65	28.65	28.60	28.50	28.61	27.51	27.64	27.60	27.80	27.90	27.84
		1	90	28.67	28.53	28.57	28.60	28.58	28.69	27.50	27.66	27.62	27.82	27.88	27.96
		1	91	25.13	25.05	25.16	25.01	25.00	25.06	24.07	24.10	24.02	24.48	24.31	24.33
		45	22	28.69	28.70	28.64	28.64	28.70	28.64	27.61	27.62	27.65	27.81	27.94	27.94
		90	0	28.08	28.09	28.07	28.13	28.20	28.13	27.11	27.13	27.07	27.47	27.50	27.30
	QPSK	1	0	25.04	25.17	25.11	25.05	25.02	25.05	24.06	24.04	24.16	24.47	24.34	24.30
		1	1	28.60	28.51	28.55	28.52	28.58	28.63	27.58	27.50	27.52	27.97	27.97	27.87
		1	90	28.53	28.56	28.54	28.61	28.20	28.55	27.55	27.20	27.53	27.85	27.89	27.95
		1	91	25.07	25.02	25.16	25.18	25.04	25.06	24.14	24.03	24.13	24.45	24.48	24.42
		45	22	28.59	28.65	28.64	28.66	28.68	28.55	27.59	27.70	27.52	27.92	28.00	27.93
		90	0	27.51	27.69	27.50	27.62	27.60	27.61	26.50	26.61	26.55	26.80	26.88	26.97
	16QAM	1	0	25.00	25.14	25.01	25.05	25.19	25.19	24.16	24.07	24.10	24.46	24.44	24.33
		1	1	27.52	27.58	27.64	27.56	27.55	27.52	26.63	26.60	26.50	26.94	26.91	26.88
		1	90	27.63	27.54	27.64	27.59	27.51	27.65	26.64	26.53	26.63	26.86	26.98	26.89
		1	91	25.10	25.03	25.09	25.02	25.03	25.02	24.09	24.03	24.01	24.48	24.34	24.39
		45	22	27.69	27.61	27.52	27.58	27.56	27.65	26.58	26.63	26.63	26.95	26.91	26.89
		90	0	26.61	26.67	26.59	26.61	26.61	26.56	25.59	25.63	25.67	25.92	25.84	25.84
	64QAM	1	0	25.00	25.14	25.05	25.05	25.18	25.00	24.12	24.07	24.11	24.30	24.30	24.41
		1	1	26.09	26.11	26.00	26.08	26.19	26.12	25.00	25.06	25.15	25.31	25.43	25.43
		1	90	26.11	26.13	26.01	26.05	26.09	26.08	25.14	25.16	25.14	25.30	25.46	25.30
		1	91	25.04	25.09	25.03	25.13	25.06	25.19	24.17	24.01	24.18	24.48	24.46	24.47
		45	22	26.16	26.16	26.12	26.18	26.18	26.17	25.14	25.04	25.03	25.48	25.46	25.47
		90	0	26.11	26.12	26.02	26.12	26.14	26.02	25.16	25.02	25.00	25.44	25.32	25.33
	256QAM	1	0	24.18	24.18	24.15	24.16	24.12	24.05	23.07	23.03	23.12	23.32	23.34	23.32
		1	1	24.19	24.16	24.09	24.00	24.16	24.16	23.17	23.04	23.18	23.37	23.38	23.32
		1	90	24.06	24.17	24.06	24.07	24.13	24.15	23.09	23.10	23.08	23.34	23.31	23.48
		1	91	24.19	24.12	24.15	24.04	24.13	24.11	23.12	23.08	23.06	23.46	23.45	23.45
		45	22	24.05	24.12	24.02	24.02	24.18	24.06	23.06	23.19	23.12	23.35	23.47	23.35
		90	0	24.04	24.12	24.07	24.07	24.11	24.02	23.07	23.06	23.13	23.47	23.46	23.38

OUTPUT POWER FOR 5G NR n41 (40.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 2			ANT 1			ANT 4			ANT 3		
				503202	518598	534000	503202	518598	534000	503202	518598	534000	503202	518598	534000
40.0	BPSK	1	0	25.11	25.05	25.12	25.04	25.02	25.02	24.14	24.01	24.14	24.40	24.46	24.38
		1	1	28.52	28.58	28.61	28.56	28.63	28.57	27.61	27.59	27.54	27.87	27.99	27.86
		1	104	28.51	28.69	28.64	28.62	28.68	28.68	27.58	27.68	27.53	27.97	27.80	27.88
		1	105	25.02	25.19	25.19	25.13	25.12	25.08	24.17	24.17	24.17	24.33	24.40	24.36
		50	25	28.60	28.70	28.64	28.58	28.70	28.56	27.65	27.70	27.58	27.96	27.88	27.91
		100	0	28.14	28.17	28.08	28.08	28.08	28.11	27.15	27.16	27.06	27.44	27.42	27.30
	QPSK	1	0	25.18	25.11	25.07	25.02	25.19	25.13	24.03	24.17	24.11	24.49	24.35	24.49
		1	1	28.66	28.68	28.66	28.52	28.57	28.57	27.57	27.69	27.57	27.99	27.98	27.94
		1	104	28.54	28.57	28.56	28.63	28.53	28.61	27.63	27.60	27.50	27.80	27.82	27.87
		1	105	25.06	25.05	25.06	25.06	25.04	25.18	24.18	24.10	24.07	24.46	24.39	24.37
		50	25	28.56	28.60	28.69	28.59	28.63	28.53	27.58	27.55	27.61	27.88	28.00	27.92
		100	0	27.52	27.66	27.57	27.64	27.48	27.65	26.58	26.65	26.60	26.87	26.89	26.86
	16QAM	1	0	25.15	25.03	25.03	25.12	25.04	25.06	24.10	24.09	24.13	24.48	24.48	24.36
		1	1	27.69	27.66	27.60	27.55	27.62	27.58	26.62	26.60	26.50	26.98	26.88	26.84
		1	104	27.59	27.61	27.63	27.61	27.58	27.66	26.52	26.67	26.52	26.93	26.98	26.80
		1	105	25.05	25.00	25.02	25.08	25.01	25.11	24.13	24.02	24.10	24.40	24.42	24.44
		50	25	27.50	27.65	27.50	27.55	27.66	27.59	26.65	26.64	26.69	26.87	26.93	26.94
		100	0	26.51	26.58	26.58	26.68	26.47	26.50	25.53	25.69	25.58	25.93	25.99	25.91
	64QAM	1	0	25.07	25.17	25.00	25.06	25.04	25.10	24.04	24.00	24.03	24.34	24.48	24.46
		1	1	26.13	26.13	26.05	26.07	26.04	26.13	25.15	25.07	25.03	25.48	25.36	25.31
		1	104	26.05	26.07	26.03	26.07	26.18	26.16	25.03	25.06	25.09	25.44	25.34	25.36
		1	105	25.16	25.14	25.05	25.12	25.06	25.10	24.07	24.06	24.04	24.40	24.47	24.31
		50	25	26.15	26.07	26.18	26.18	26.07	26.14	25.10	25.16	25.07	25.40	25.46	25.35
		100	0	26.14	26.07	26.19	26.18	25.99	26.11	25.01	25.20	25.07	25.37	25.45	25.31
	256QAM	1	0	24.17	24.10	24.02	24.11	24.12	24.17	23.00	23.15	23.01	23.38	23.43	23.41
		1	1	24.13	24.12	24.03	24.02	24.00	24.08	23.17	23.01	23.19	23.40	23.35	23.37
		1	104	24.18	24.05	24.04	24.15	24.11	24.08	23.03	23.01	23.11	23.47	23.34	23.40
		1	105	24.15	24.17	24.09	24.12	24.10	24.12	23.10	23.01	23.06	23.33	23.31	23.49
		50	25	24.06	24.07	24.15	24.03	24.01	24.06	23.06	23.14	23.00	23.47	23.47	23.34
		100	0	24.18	24.20	24.03	24.01	24.19	24.12	23.11	23.19	23.14	23.38	23.42	23.36

OUTPUT POWER FOR 5G NR n41 (45.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 2			ANT 1			ANT 4			ANT 3		
				503700	518598	533496	503700	518598	533496	503700	518598	533496	503700	518598	533496
45.0	BPSK	1	0	25.18.5	25.93.0	26.67.5	25.18.5	25.93.0	26.67.5	25.18.5	25.93.0	26.67.5	25.18.5	25.93.0	26.67.5
		1	1	25.11	25.17	25.04	25.08	25.13	25.10	24.14	24.15	24.09	24.44	24.31	24.47
		1	117	28.50	28.64	28.68	28.50	28.51	28.55	27.50	27.62	27.54	27.90	27.80	27.94
		1	118	28.57	28.64	28.67	28.58	28.65	28.54	27.65	27.51	27.50	27.92	27.86	27.86
		54	27	25.04	25.08	25.14	25.11	25.18	25.10	24.18	24.12	24.19	24.46	24.38	24.42
		108	0	28.55	28.70	28.66	28.57	28.54	28.69	27.69	27.70	27.53	27.96	28.00	27.86
	QPSK	1	0	24.87	28.13	28.17	24.65	28.06	28.09	23.14	27.10	27.12	23.10	27.46	27.47
		1	1	25.16	25.18	25.08	25.14	25.01	25.03	24.18	24.16	24.00	24.46	24.33	24.45
		1	117	28.59	28.64	28.53	28.57	28.63	28.53	27.53	27.61	27.50	27.93	27.94	27.94
		1	118	28.52	28.50	28.67	28.66	28.67	28.68	27.59	27.64	27.55	27.88	27.85	27.87
		54	27	25.04	25.00	25.07	25.19	25.16	25.15	24.18	24.19	24.04	24.37	24.45	24.48
		108	0	28.65	28.66	28.57	28.63	28.70	28.55	27.58	27.65	27.69	27.81	27.99	27.80
	16QAM	1	0	24.83	27.59	27.62	24.62	27.67	27.54	23.11	26.67	26.69	23.01	26.96	26.98
		1	1	25.16	25.13	25.10	25.11	25.13	25.09	24.00	24.02	24.03	24.36	24.31	24.41
		1	117	27.52	27.68	27.65	27.67	27.62	27.60	26.68	26.56	26.51	26.94	26.83	26.91
		54	27	27.52	27.56	27.58	27.63	27.53	27.57	26.56	26.64	26.65	26.90	26.91	26.89
		108	0	25.03	25.08	25.13	25.17	25.05	25.10	24.16	24.19	24.14	24.44	24.42	24.40
		1	118	27.67	27.70	27.68	27.69	27.68	27.51	26.58	26.66	26.63	26.95	26.99	26.95
	64QAM	1	0	24.86	26.60	26.51	24.69	26.63	26.53	23.20	25.61	25.50	23.00	25.98	25.83
		1	1	25.03	25.10	25.05	25.08	24.70	25.14	24.09	24.10	24.09	24.34	24.45	24.43
		1	117	26.19	26.16	26.13	26.00	26.11	26.04	25.19	25.18	25.07	25.48	25.39	25.30
		1	118	26.12	26.04	26.17	26.11	26.05	26.01	25.00	25.11	25.15	25.36	25.34	25.48
		54	27	25.02	25.19	25.10	25.19	25.07	25.09	24.16	24.13	24.16	24.30	24.39	24.49
		108	0	26.18	26.03	26.16	26.18	26.06	26.04	25.12	25.06	25.09	25.43	25.46	25.42
	256QAM	1	0	24.84	26.06	26.13	24.69	26.08	26.03	23.26	25.03	25.17	23.13	25.47	25.40
		1	1	24.01	24.03	24.12	24.14	24.01	24.11	23.10	23.05	23.04	23.36	23.38	23.41
		1	117	24.11	24.16	24.00	24.03	24.02	24.09	23.15	23.02	23.13	23.36	23.39	23.42
		1	118	24.02	24.09	24.09	24.05	24.03	24.17	23.15	23.04	23.10	23.32	23.40	23.40
		54	27	24.13	24.13	24.17	24.16	24.07	24.19	23.12	23.04	23.15	23.41	23.39	23.39
		108	0	24.15	24.10	24.07	24.17	24.07	24.11	23.07	23.20	23.02	23.38	23.49	23.30

OUTPUT POWER FOR 5G NR n41 (50.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 2			Ant 1			ANT 4			ANT 3		
				504204	518598	532998	504204	518598	532998	504204	518598	532998	504204	518598	532998
50.0	BPSK	1	0	25.10	25.14	25.02	25.16	25.05	25.16	24.13	24.12	24.11	24.46	24.35	24.40
		1	1	28.65	28.52	28.69	28.57	28.64	28.53	27.54	27.61	27.60	27.86	27.98	27.87
		1	131	28.58	28.57	28.51	28.64	28.56	28.58	27.55	27.64	27.66	27.97	27.80	27.86
		1	132	25.16	25.16	25.00	25.04	25.09	25.12	24.18	24.08	24.02	24.31	24.43	24.33
		64	32	28.63	28.70	28.51	28.54	28.67	28.69	27.62	27.65	27.67	27.90	27.91	27.92
		128	0	28.00	28.13	28.10	28.11	28.14	28.01	27.03	27.15	27.00	27.43	27.32	27.31
	QPSK	1	0	25.10	25.15	25.03	25.02	25.16	25.08	24.01	24.04	24.08	24.44	24.36	24.46
		1	1	28.69	28.55	28.55	28.56	28.65	28.66	27.53	27.65	27.62	27.94	27.90	27.96
		1	131	28.67	28.51	28.56	28.53	28.50	28.67	27.68	27.57	27.67	27.90	27.98	27.89
		1	132	25.00	25.14	25.00	25.09	25.18	25.16	24.00	24.13	24.16	24.37	24.46	24.30
		64	32	28.52	28.68	28.53	28.54	28.70	28.62	27.53	27.70	27.56	27.95	28.00	27.84
		128	0	27.61	27.55	27.52	27.68	27.68	27.52	26.52	26.67	26.63	26.92	26.92	26.88
	16QAM	1	0	25.09	25.17	25.18	25.11	25.16	25.06	24.10	24.06	24.16	24.45	24.36	24.45
		1	1	27.63	27.69	27.65	27.59	27.56	27.62	26.67	26.55	26.65	26.90	26.92	26.81
		1	131	27.62	27.51	27.60	27.51	27.63	27.54	26.52	26.51	26.66	26.99	26.81	26.97
		1	132	25.00	25.03	25.03	25.04	25.07	25.04	24.04	24.12	24.17	24.47	24.38	24.36
		64	32	27.65	27.69	27.56	27.57	27.69	27.53	26.62	26.64	26.60	26.94	26.99	26.93
		128	0	26.52	26.60	26.67	26.65	26.52	26.68	25.58	25.62	25.63	25.80	26.00	25.94
	64QAM	1	0	25.01	25.18	25.07	25.02	25.11	25.15	24.09	24.15	24.11	24.36	24.40	24.47
		1	1	26.11	26.02	26.15	26.13	26.19	26.13	25.13	25.12	25.15	25.49	25.34	25.43
		1	131	26.07	26.12	26.03	26.15	26.19	26.19	25.03	25.13	25.06	25.35	25.39	25.40
		1	132	25.00	25.18	25.17	25.11	25.01	25.00	24.15	24.16	24.15	24.41	24.47	24.33
		64	32	26.04	26.09	26.19	26.11	26.05	26.14	25.01	25.13	25.00	25.47	25.33	25.43
		128	0	26.17	26.14	26.09	26.07	26.01	26.00	25.00	25.12	25.10	25.44	25.32	25.47
	256QAM	1	0	24.01	24.02	24.19	24.00	24.09	24.14	23.04	23.16	23.06	23.43	23.38	23.33
		1	1	24.07	24.10	24.01	24.16	24.09	24.02	23.00	23.13	23.14	23.30	23.32	23.39
		1	131	24.04	24.11	24.03	24.16	24.06	24.10	23.04	23.09	23.19	23.44	23.37	23.48
		1	132	24.00	24.09	24.14	24.10	24.00	24.00	23.00	23.10	23.15	23.30	23.49	23.43
		64	32	24.08	24.07	24.16	24.03	24.17	24.06	23.08	23.14	23.04	23.30	23.36	23.39
		128	0	24.19	24.10	24.18	24.19	24.15	24.00	23.15	23.10	23.04	23.38	23.45	23.35

OUTPUT POWER FOR 5G NR n41 (60.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 2			Ant 1			ANT 4			ANT 3		
				505200	518598	531996	505200	518598	531996	505200	518598	531996	505200	518598	531996
60.0	BPSK	1	0	25.26.0	25.93.0	26.60.0	25.26.0	25.93.0	26.60.0	25.26.0	25.93.0	26.60.0	25.26.0	25.93.0	26.60.0
		1	1	25.11	25.18	24.70	25.03	25.03	25.07	24.04	24.00	24.17	24.35	24.49	24.40
		1	160	28.54	28.52	28.64	28.64	28.55	28.55	27.62	27.50	27.58	27.85	27.94	27.82
		1	161	25.03	25.16	25.13	25.01	25.14	25.09	24.04	24.13	24.01	24.36	24.38	24.45
		81	40	28.64	28.70	28.52	28.56	28.70	28.57	27.50	27.69	27.61	27.80	27.96	27.95
		162	0	28.06	28.07	28.06	28.09	28.11	28.03	27.06	27.18	27.05	27.33	27.48	27.33
	QPSK	1	0	25.05	25.09	25.06	25.05	25.00	25.08	24.01	24.04	24.08	24.42	24.47	24.32
		1	1	28.63	28.60	28.59	28.65	28.58	28.65	27.52	27.56	27.66	27.95	27.99	27.96
		1	160	28.66	28.68	28.68	28.65	28.65	28.50	27.62	27.65	27.52	27.98	27.97	27.95
		1	161	25.07	25.01	25.15	25.11	25.05	25.07	24.15	24.01	24.19	24.46	24.41	24.40
		81	40	28.59	28.69	28.51	28.59	28.64	28.65	27.69	27.70	27.56	27.84	28.00	27.99
		162	0	27.50	27.64	27.64	27.56	27.69	27.65	26.50	26.64	26.69	26.99	26.97	26.97
	16QAM	1	0	25.14	25.08	25.10	25.12	25.01	25.14	24.12	24.17	24.02	24.33	24.49	24.33
		1	1	27.57	27.59	27.69	27.53	27.52	27.54	26.57	26.69	26.57	26.81	26.91	26.94
		1	160	27.58	27.61	27.51	27.66	27.50	27.50	26.52	26.50	26.60	26.96	26.80	26.90
		1	161	25.13	25.13	25.17	25.01	25.08	25.10	24.13	24.17	24.00	24.49	24.41	24.48
		81	40	27.66	27.59	27.57	27.58	27.65	27.62	26.64	26.55	26.59	26.99	26.90	26.82
		162	0	26.57	26.68	26.68	26.61	26.61	26.60	25.51	25.63	25.69	25.84	25.97	25.91
	64QAM	1	0	25.07	25.09	25.03	25.07	25.16	25.00	24.01	24.14	24.04	24.44	24.49	24.36
		1	1	26.18	26.08	26.15	26.06	26.18	26.04	25.06	25.14	25.03	25.47	25.32	25.33
		1	160	26.18	26.02	26.15	26.01	26.02	26.07	25.19	25.03	25.17	25.45	25.35	25.33
		1	161	25.18	25.06	25.07	25.13	25.18	25.03	24.07	24.07	24.08	24.47	24.37	24.48
		81	40	26.10	26.18	26.05	26.16	26.14	26.05	25.17	25.08	25.04	25.40	25.31	25.46
		162	0	26.07	26.06	26.10	26.06	26.18	26.06	25.19	25.13	25.10	25.46	25.35	25.44
	256QAM	1	0	24.13	24.00	24.12	24.19	24.14	23.70	23.13	23.11	23.01	23.41	23.34	23.31
		1	1	24.15	24.00	24.08	24.02	24.12	24.01	23.14	23.18	23.19	23.48	23.43	23.33
		1	160	24.04	24.15	24.11	24.14	24.16	24.01	23.12	23.18	23.02	23.40	23.32	23.34
		1	161	24.12	24.00	24.01	24.13	24.00	24.05	23.15	23.09	23.03	23.45	23.41	23.39
		81	40	24.15	24.17	24.09	24.05	24.10	24.17	23.14	23.19	23.12	23.46	23.50	23.34
		162	0	24.07	24.07	24.13	24.13	24.14	24.11	23.07	22.99	23.03	23.32	23.42	23.43

OUTPUT POWER FOR 5G NR n41 (70.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 2			Ant 1			ANT 4			ANT 3		
				506202	518598	531000	506202	518598	531000	506202	518598	531000	506202	518598	531000
70.0	BPSK	1	0	25.13	25.16	25.13	25.10	25.05	25.09	24.12	24.05	24.19	24.40	24.48	24.37
		1	1	28.58	28.60	28.58	28.54	28.51	28.20	27.50	27.69	27.61	27.80	27.94	27.93
		1	187	28.68	28.68	28.59	28.65	28.67	28.54	27.68	27.59	27.52	27.96	27.97	27.86
		1	188	25.14	25.09	25.03	25.10	25.02	25.04	24.05	24.06	24.16	24.49	24.45	24.42
		90	45	28.65	28.57	28.53	28.66	28.69	28.59	27.59	27.70	27.54	27.86	27.99	27.95
		180	0	28.19	28.16	28.00	28.16	28.12	28.12	27.18	27.12	27.16	27.48	27.44	27.47
	QPSK	1	0	25.19	25.06	25.09	25.06	25.06	25.01	24.13	24.07	24.07	24.39	24.45	24.49
		1	1	28.62	28.55	28.53	28.62	28.66	28.68	27.63	27.68	27.20	27.90	27.93	27.95
		1	187	28.63	28.66	28.52	28.69	28.56	28.54	27.64	27.53	27.61	27.94	27.87	27.83
		1	188	25.01	25.18	25.04	25.13	25.14	25.14	24.12	24.16	24.12	24.33	24.31	24.34
		90	45	28.56	28.70	28.62	28.53	28.70	28.68	27.62	27.70	27.56	27.90	28.00	27.95
		180	0	27.54	27.56	27.65	27.52	27.56	27.61	26.60	26.64	26.62	26.97	26.88	26.90
	16QAM	1	0	25.05	25.14	25.05	25.08	25.16	25.15	24.08	24.13	24.06	24.49	24.47	24.35
		1	1	27.56	27.58	27.67	27.50	27.59	27.69	26.58	26.55	26.56	26.90	26.84	26.81
		1	187	27.58	27.56	27.61	27.51	27.58	27.64	26.60	26.58	26.54	26.91	26.95	26.84
		1	188	25.06	25.18	25.07	25.01	25.18	25.11	24.00	24.10	24.13	24.45	24.41	24.48
		90	45	27.56	27.65	27.52	27.58	27.69	27.60	26.52	26.67	26.63	26.85	27.00	26.90
		180	0	26.53	26.61	26.66	26.64	26.64	26.55	25.64	25.66	25.52	25.86	25.95	25.91
	64QAM	1	0	25.16	25.19	25.13	25.04	25.05	25.09	24.16	24.04	24.04	24.35	24.49	24.35
		1	1	26.08	26.14	26.13	26.11	26.00	26.04	25.18	25.03	25.19	25.38	25.40	25.31
		1	187	25.70	26.15	26.08	26.17	26.09	26.02	25.05	25.03	25.05	25.40	25.37	25.36
		1	188	25.10	25.12	25.04	25.03	25.13	25.07	24.15	24.11	24.07	24.38	24.38	24.42
		90	45	26.16	26.08	26.12	26.05	26.04	26.12	25.10	25.14	25.06	25.33	25.45	25.34
		180	0	26.19	26.17	26.10	26.06	26.10	26.06	25.04	25.11	25.15	25.35	25.41	25.39
	256QAM	1	0	24.05	24.08	24.02	24.14	24.12	24.02	23.02	23.08	23.06	23.36	23.31	23.32
		1	1	24.18	24.17	24.17	24.07	24.18	24.12	23.03	23.00	23.04	23.48	23.36	23.45
		1	187	24.04	24.19	24.08	24.14	24.08	24.09	23.17	23.08	23.09	23.45	23.30	23.49
		1	188	24.14	24.01	24.05	24.15	24.09	24.01	23.13	23.09	23.01	23.00	23.33	23.40
		90	45	24.05	24.10	24.01	24.03	24.01	24.07	23.11	23.16	23.04	23.32	23.45	23.46
		180	0	24.16	24.14	24.17	24.10	24.08	24.02	23.18	23.06	23.14	23.34	23.38	23.42

OUTPUT POWER FOR 5G NR n41 (80.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 2			Ant 1			ANT 4			ANT 3		
				507204	518598	529998	507204	518598	529998	507204	518598	529998	507204	518598	529998
80.0	BPSK	1	0	25.09	25.01	25.04	25.07	25.13	25.10	24.18	24.06	24.00	24.48	24.34	24.32
		1	1	28.52	28.59	28.60	28.55	28.54	28.68	27.69	27.50	27.62	27.95	27.83	27.96
		1	215	28.63	28.55	28.65	28.62	28.52	28.61	27.63	27.66	27.66	27.81	27.85	27.84
		1	216	25.17	25.18	25.05	25.11	25.13	25.06	24.11	24.02	24.13	24.45	24.36	24.41
		108	54	28.62	28.69	28.54	28.53	28.70	28.51	27.64	27.66	27.63	27.92	27.92	27.84
		216	0	28.05	28.10	28.15	28.14	28.20	28.15	27.06	27.13	27.13	27.39	27.50	27.34
	QPSK	1	0	25.14	25.10	25.19	25.15	25.16	25.17	24.09	24.18	24.01	24.39	24.37	24.40
		1	1	28.60	28.52	28.54	28.66	28.65	28.50	27.54	27.69	27.58	27.97	27.80	27.96
		1	215	28.59	28.68	28.67	28.59	28.51	28.56	27.65	27.62	27.63	27.95	27.86	27.83
		1	216	25.16	25.10	25.07	25.16	25.01	25.19	24.11	24.05	24.12	24.34	24.39	24.33
		108	54	28.62	28.70	28.53	28.50	28.67	28.55	27.59	27.70	27.65	27.85	28.00	27.83
		216	0	27.55	27.67	27.57	27.56	27.63	27.61	26.51	26.69	26.68	26.84	26.91	26.95
	16QAM	1	0	25.16	25.19	25.14	25.07	25.09	25.12	24.17	24.19	24.11	24.48	24.41	24.49
		1	1	27.59	27.60	27.69	27.62	27.54	27.57	26.51	26.56	26.54	26.88	26.99	26.87
		1	215	27.55	27.64	27.61	27.53	27.65	27.53	26.54	26.62	26.57	26.98	26.86	26.96
		1	216	25.15	25.11	25.19	25.06	25.15	25.10	24.00	24.15	24.05	24.42	24.32	24.48
		108	54	27.56	27.62	27.59	27.65	27.60	27.55	26.67	26.63	26.68	26.93	26.92	26.88
		216	0	26.69	26.59	26.62	26.59	26.67	26.64	25.62	25.61	25.59	25.86	25.92	25.87
	64QAM	1	0	25.13	25.08	25.10	25.11	25.14	25.18	24.01	24.16	24.19	24.46	24.38	24.49
		1	1	26.03	26.08	26.14	26.00	26.12	26.04	25.04	25.07	25.06	25.41	25.39	25.32
		1	215	26.06	26.04	26.14	26.11	26.17	26.06	25.11	25.17	25.13	25.00	25.46	25.39
		1	216	25.15	25.12	25.13	25.12	25.14	25.15	24.15	24.10	24.06	24.37	24.37	24.37
		108	54	26.14	26.14	26.00	26.12	26.14	26.05	25.01	25.19	25.11	25.48	25.49	25.49
		216	0	26.08	26.14	26.07	26.09	26.15	26.03	25.16	25.11	25.16	25.46	25.40	25.49
	256QAM	1	0	24.01	24.04	24.02	24.02	24.12	24.17	23.04	23.06	23.19	23.32	23.31	23.39
		1	1	24.03	24.14	24.09	24.12	24.17	24.05	23.08	23.09	23.06	23.32	23.33	23.48
		1	215	24.08	24.08	24.06	24.10	24.04	24.18	23.18	23.07	23.00	23.38	23.36	23.47
		1	216	24.01	24.03	24.09	24.12	24.10	24.03	23.12	23.19	23.08	23.44	23.48	23.41
		108	54	24.04	24.14	24.04	24.03	24.18	24.06	23.15	23.15	23.09	23.36	23.40	23.32
		216	0	24.00	24.19	24.15	24.03	24.17	24.03	23.18	23.13	23.14	23.42	23.49	23.35

OUTPUT POWER FOR 5G NR n41 (90.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 2			Ant 1			ANT 4			ANT 3		
				508200	518598	528996	508200	518598	528996	508200	518598	528996	508200	518598	528996
90.0	BPSK	1	0	25.01	25.10	25.16	25.01	25.06	25.02	24.13	24.09	24.07	24.35	24.32	24.47
		1	1	28.60	28.63	28.64	28.61	28.57	28.53	27.60	27.62	27.54	27.89	27.89	27.96
		1	243	28.59	28.55	28.67	28.67	28.59	28.66	27.68	27.53	27.66	27.88	27.97	27.91
		1	244	25.07	25.13	25.04	25.15	25.06	25.07	24.15	24.11	24.17	24.33	24.32	24.49
		120	60	28.67	28.64	28.59	28.61	28.70	28.69	27.65	27.61	27.62	27.83	27.99	27.86
		243	0	26.16	28.09	28.18	26.15	28.05	28.13	25.13	27.08	27.00	25.40	27.30	27.34
	QPSK	1	0	25.07	25.10	25.02	25.11	25.14	25.10	24.07	24.17	24.12	24.34	24.32	24.48
		1	1	28.58	28.61	28.56	28.62	28.54	28.60	27.68	27.69	27.64	27.88	27.90	27.81
		1	243	28.58	28.52	28.50	28.50	28.68	28.67	27.60	27.50	27.50	27.96	27.99	27.96
		1	244	25.17	25.15	25.09	25.11	25.08	25.10	24.14	24.09	24.14	24.31	24.38	24.38
		120	60	28.51	28.70	28.60	28.58	28.70	28.69	27.57	27.70	27.65	27.87	28.00	27.86
		243	0	26.19	27.66	27.67	26.15	27.55	27.56	25.17	26.51	26.61	25.42	26.84	26.89
	16QAM	1	0	25.15	25.09	25.16	25.15	25.18	25.06	24.19	24.14	24.06	24.45	24.41	24.43
		1	1	27.63	27.63	27.62	27.66	27.50	27.63	26.66	26.68	26.66	26.85	26.95	26.91
		1	243	27.65	27.64	27.55	27.57	27.53	27.59	26.51	26.52	26.58	26.84	26.87	26.86
		1	244	25.05	25.18	25.10	25.16	25.11	25.10	23.70	24.15	24.03	24.35	24.34	24.34
		120	60	27.53	27.65	27.56	27.56	27.63	27.55	26.58	26.64	26.54	26.92	26.81	26.98
		243	0	26.13	26.70	26.60	26.10	26.62	26.62	25.14	25.57	25.64	25.46	25.86	25.90
	64QAM	1	0	25.11	25.17	25.16	25.16	25.11	25.01	24.12	24.11	24.17	24.36	24.37	24.41
		1	1	26.01	26.04	26.16	26.09	26.06	26.01	25.16	25.07	25.04	25.36	25.36	25.49
		1	243	26.14	26.07	26.18	26.14	26.16	26.03	25.08	25.10	25.05	25.31	25.39	25.33
		1	244	25.07	25.01	25.06	25.15	25.10	25.04	24.07	24.10	24.07	24.31	24.43	24.48
		120	60	26.06	26.17	26.13	26.15	26.20	26.17	25.08	25.11	25.05	25.38	25.43	25.30
		243	0	26.05	26.12	26.17	26.03	26.19	26.11	25.09	25.17	25.03	25.39	25.49	25.32
	256QAM	1	0	24.11	24.16	24.05	24.01	24.03	24.14	23.05	23.13	23.01	23.31	23.42	23.40
		1	1	24.05	24.19	24.09	24.04	24.02	24.19	23.04	23.06	23.01	23.48	23.30	23.38
		1	243	24.12	24.03	24.07	24.18	24.12	24.06	23.09	23.09	23.00	23.31	23.35	23.39
		1	244	24.18	24.12	24.19	24.14	24.11	24.17	23.15	23.17	23.09	23.30	23.36	23.43
		120	60	24.03	24.08	24.08	24.19	24.17	24.05	23.14	23.06	23.03	23.37	23.47	23.33
		243	0	26.14	24.20	24.02	26.17	24.11	24.10	25.19	23.14	23.08	25.30	23.49	23.35

OUTPUT POWER FOR 5G NR n41 (100.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 2			Ant 1			ANT 4			ANT 3		
				509202	518598	528000	509202	518598	528000	509202	518598	528000	509202	518598	528000
100.0	BPSK	1	0	25.00	25.15	25.06	25.11	25.16	25.02	24.18	24.06	24.17	24.41	24.48	24.35
		1	1	28.50	28.57	28.58	28.56	28.67	28.64	27.56	27.64	27.60	27.81	27.94	27.88
		1	271	28.68	28.50	28.63	28.67	28.51	28.65	27.50	27.59	27.64	27.98	27.84	27.93
		1	272	25.17	25.09	25.02	25.01	25.00	25.11	24.07	24.04	24.13	24.43	24.49	24.41
		135	67	28.64	28.70	28.67	28.50	28.70	28.55	27.60	27.70	27.59	27.83	28.00	27.92
		270	0	25.54	28.03	28.18	25.67	28.13	28.11	24.63	27.14	27.15	24.88	27.50	27.31
	QPSK	1	0	25.10	25.08	25.06	25.11	25.03	25.01	24.06	24.12	24.09	24.39	24.41	24.41
		1	1	28.68	28.64	28.53	28.62	28.53	28.50	27.51	27.58	27.62	27.96	27.96	27.81
		1	271	28.51	28.58	28.57	28.69	28.53	28.63	27.68	27.53	27.50	27.82	27.99	27.88
		1	272	25.18	25.14	25.10	25.00	25.05	25.07	24.19	24.11	24.14	24.32	24.43	24.32
		135	67	28.64	28.57	28.59	28.60	28.65	28.52	27.68	27.65	27.61	27.97	28.00	27.87
		270	0	25.55	27.62	27.50	25.56	27.69	27.61	24.61	26.69	26.64	24.83	26.88	26.93
	16QAM	1	0	25.00	25.00	25.13	25.02	25.02	25.11	24.13	24.18	24.03	24.37	24.47	24.40
		1	1	27.65	27.64	27.57	27.57	27.52	27.56	26.67	26.60	26.58	26.91	26.96	26.83
		1	271	27.65	27.55	27.60	27.56	27.60	27.60	26.54	26.66	26.55	26.82	26.93	26.87
		1	272	25.01	25.19	25.13	25.14	25.14	25.06	24.05	24.19	24.10	24.46	24.44	24.49
		135	67	27.52	27.68	27.63	27.60	27.49	27.66	26.52	26.67	26.65	26.81	26.91	26.98
		270	0	25.67	26.49	26.60	25.51	26.48	26.52	24.59	25.63	25.63	24.86	25.97	25.88
	64QAM	1	0	25.02	25.04	25.18	25.01	25.08	25.04	24.00	24.19	24.19	24.31	24.38	24.38
		1	1	26.15	26.16	26.18	26.14	26.18	26.06	25.09	25.17	25.04	25.44	25.34	25.41
		1	271	26.11	26.04	26.12	26.08	26.09	26.04	25.03	25.12	25.15	25.44	25.40	25.34
		1	272	25.01	25.14	25.18	25.03	25.19	25.17	24.06	24.14	24.16	24.49	24.35	24.31
		135	67	26.07	26.04	26.07	26.13	26.11	26.13	25.19	25.12	25.00	25.38	25.47	25.32
		270	0	25.51	26.02	26.06	25.59	26.08	26.09	24.51	25.08	25.18	24.97	25.49	25.45
	256QAM	1	0	24.09	24.13	24.10	24.06	24.18	24.16	23.19	23.11	23.05	23.38	23.43	23.39
		1	1	24.08	24.10	24.16	24.06	24.02	24.04	23.13	23.14	23.14	23.31	23.33	23.37
		1	271	24.03	24.02	24.09	24.14	24.16	24.00	23.16	23.10	23.08	23.31	23.43	23.35
		1	272	24.11	24.16	24.11	24.06	24.00	24.09	23.01	22.70	23.18	23.41	23.36	23.30
		135	67	24.08	24.03	24.09	24.16	24.18	24.11	23.08	23.09	23.13	23.47	23.34	23.38
		270	0	25.50	24.07	24.03	25.59	24.05	24.04	24.66	23.16	23.13	24.86	23.41	23.39

8.6. ULCA LTE BAND 41 (FCC)

Test Engineer ID:	12482	Test Date:	2025-02-28
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OUTPUT POWER FOR ULCA LTE BAND 41 (5.0MHz + 20.0MHz)

Bandwidth	PCC Frequency (MHz)	SCC1 Frequency (MHz)	PCC RB		SCC1 RB		Conducted Average (dBm)															
			Size	Offset	Size	Offset	ANT 1				ANT 2				ANT 3				ANT 4			
			RB		RB		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
5MHz / 20MHz	2499.3	2511.0	1	24	1	0	22.60	22.48	22.58	22.35	22.77	22.60	22.55	22.70	21.05	21.04	21.07	20.98	21.30	20.98	21.05	21.11
			25	0	100	0	22.70	22.54	22.35	22.44	22.75	22.58	22.72	22.71	21.13	21.11	20.93	20.98	21.20	21.12	21.04	20.99
			1	24	1	0	28.39	26.93	26.51	23.51	28.29	26.99	26.39	23.25	27.88	26.35	25.77	22.79	27.58	25.86	25.38	22.49
			25	0	100	0	26.56	25.56	25.42	23.52	26.43	25.41	25.48	23.42	26.00	24.78	24.89	22.75	25.50	24.48	24.32	22.38
	2583.8	2595.5	1	24	1	0	27.06	25.95	25.39	22.42	27.86	26.24	25.63	22.77	26.90	25.37	24.69	21.68	26.28	24.64	23.97	20.94
			25	0	100	0	25.54	24.40	24.45	22.48	25.87	24.60	24.63	22.57	24.92	23.79	23.74	21.87	24.24	22.96	23.04	21.05
			1	24	1	0	26.56	25.56	25.42	23.52	26.43	25.41	25.48	23.42	26.00	24.78	24.89	22.75	25.50	24.48	24.32	22.38
			25	0	100	0	25.54	24.40	24.45	22.48	25.87	24.60	24.63	22.57	24.92	23.79	23.74	21.87	24.24	22.96	23.04	21.05

OUTPUT POWER FOR ULCA LTE BAND 41 (20.0MHz + 5.0MHz)

Bandwidth	PCC Frequency (MHz)	SCC1 Frequency (MHz)	PCC RB		SCC1 RB		Conducted Average (dBm)															
			Size	Offset	Size	Offset	ANT 1				ANT 2				ANT 3				ANT 4			
			RB		RB		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
20MHz / 5MHz	2506.0	2517.7	1	99	1	0	26.57	25.85	25.94	22.49	26.79	26.12	26.18	22.77	25.12	24.38	24.55	20.87	25.28	24.43	24.42	21.14
			100	0	25	0	22.57	22.45	22.57	22.59	22.73	22.73	22.78	22.73	21.12	20.92	20.93	21.04	21.30	21.12	21.08	21.07
			1	99	1	0	28.47	27.00	26.46	23.37	28.27	26.80	26.29	23.25	27.88	26.29	25.76	22.82	27.50	25.99	25.44	22.33
			100	0	25	0	26.59	25.55	25.55	23.58	26.47	25.37	25.49	23.46	25.89	24.62	24.66	22.83	25.59	24.43	24.47	22.50
	2590.5	2602.2	1	99	1	0	27.63	25.97	25.50	22.52	27.75	26.22	25.71	22.55	26.77	25.18	24.83	21.85	26.29	24.58	23.92	21.00
			100	0	25	0	25.56	24.55	24.48	22.47	25.91	24.70	24.66	22.72	25.00	23.74	23.72	21.72	24.26	23.11	23.03	20.95
			1	99	1	0	26.59	25.55	25.55	23.58	26.47	25.37	25.49	23.46	25.89	24.62	24.66	22.83	25.59	24.43	24.47	22.50
			100	0	25	0	25.56	24.55	24.48	22.47	25.91	24.70	24.66	22.72	25.00	23.74	23.72	21.72	24.26	23.11	23.03	20.95

OUTPUT POWER FOR ULCA LTE BAND 41 (10.0MHz + 20.0MHz)

Bandwidth	PCC Frequency (MHz)	SCC1 Frequency (MHz)	PCC RB		SCC1 RB		Conducted Average (dBm)															
			Size	Offset	Size	Offset	ANT 1				ANT 2				ANT 3				ANT 4			
			RB		RB		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
10MHz / 20MHz	2501.5	2515.9	1	49	1	0	22.68	22.33	22.48	22.44	22.86	22.64	22.77	22.58	21.15	21.02	20.98	20.83	21.25	21.04	20.92	21.14
			50	0	100	0	22.63	22.54	22.56	22.49	22.70	22.78	22.56	22.72	21.07	20.90	20.82	21.05	21.25	21.10	21.00	21.00
			1	49	1	0	28.38	26.88	26.55	23.45	28.38	26.83	26.42	23.43	27.87	26.14	25.81	22.69	27.47	26.04	25.44	22.53
			50	0	100	0	26.70	25.46	25.35	23.38	26.46	25.31	25.30	23.42	25.83	24.77	24.62	22.86	25.70	24.46	24.42	22.56
	2583.6	2598.0	1	49	1	0	27.58	25.91	25.56	22.42	27.90	26.13	25.59	22.78	27.00	25.12	24.65	21.69	26.11	24.43	24.15	20.98
			1	49	1	0	27.58	25.91	25.56	22.42	27.90	26.13	25.59	22.78	27.00	25.12	24.65	21.69	26.11	24.43	24.15	20.98
			50	0	100	0	25.55	24.38	24.50	22.41	25.83	24.71	24.63	22.63	24.86	23.62	23.67	21.82	24.07	23.10	22.92	21.02
			50	0	100	0	25.55	24.38	24.50	22.41	25.83	24.71	24.63	22.63	24.86	23.62	23.67	21.82	24.07	23.10	22.92	21.02

OUTPUT POWER FOR ULCA LTE BAND 41 (20.0MHz + 10.0MHz)

Bandwidth	PCC Frequency (MHz)	SCC1 Frequency (MHz)	PCC RB		SCC1 RB		Conducted Average (dBm)															
			Size	Offset	Size	Offset	ANT 1				ANT 2				ANT 3				ANT 4			
			RB		RB		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
20MHz / 10MHz	2506.0	2520.4	1	99	1	0	26.70	25.93	26.07	22.59	26.87	26.28	26.18	22.62	25.16	24.52	24.32	20.86	25.30	24.63	24.51	21.00
			100	0	50	0	22.62	22.36	22.49	22.59	22.92	22.75	22.56	22.65	21.08	20.88	21.06	21.06	21.25	21.10	21.05	21.13
			1	99	1	0	28.32	26.98	26.36	23.53	28.39	26.75	26.30	23.43	27.91	26.13	25.70	22.84	27.59	25.98	25.53	22.38
			100	0	50	0	26.52	25.55	25.42	23.49	26.48	25.36	25.31	23.48	26.00	24.70	24.78	22.85	25.53	24.33	24.46	22.42
	2588.1	2602.5	1	99	1	0	27.58	25.86	25.43	22.55	27.77	26.24	25.57	22.64	26.99	25.29	24.77	21.82	26.29	24.48	23.92	21.13
			1	99	1	0	27.58	25.86	25.43	22.55	27.77	26.24	25.57	22.64	26.99	25.29	24.77	21.82	26.29	24.48	23.92	21.13
			100	0	50	0	25.54	24.49	24.42	22.42	25.77	24.77	24.56	22.74	24.93	23.63	23.75	21.68	24.27	23.00	23.14	21.01
			100	0	50	0	25.54	24.49	24.42	22.42	25.77	24.77	24.56	22.74	24.93	23.63	23.75	21.68	24.27	23.00	23.14	21.01

OUTPUT POWER FOR ULCA LTE BAND 41 (15.0MHz + 15.0MHz)

Bandwidth	PCC Frequency (MHz)	SCC1 Frequency (MHz)	Conducted Average (dBm)																			
			PCC RB		SCC1 RB		ANT 1				ANT 2				ANT 3				ANT 4			
			Size	Offset	Size	Offset	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
			RB		RB																	
15MHz / 15MHz	2503.5	2518.5	1	74	1	0	27.54	25.96	25.48	22.37	27.92	26.27	25.74	22.57	26.12	24.41	23.97	21.06	26.21	24.55	24.15	20.96
			75	0	75	0	22.61	22.53	22.41	22.53	22.94	22.57	22.72	22.65	21.06	20.83	20.82	20.88	21.21	21.08	20.99	20.96
			1	74	1	0	28.31	26.99	26.34	23.48	28.41	26.94	26.32	23.41	27.95	26.21	25.76	22.76	27.64	26.01	25.44	22.40
			75	0	75	0	26.54	25.40	25.36	23.40	26.43	25.45	25.48	23.33	25.97	24.69	24.71	22.64	25.66	24.51	24.53	22.41
	2585.5	2600.5	1	74	1	0	27.70	26.03	25.47	22.47	27.71	26.17	25.69	22.59	27.00	25.14	24.72	21.85	26.30	24.65	24.17	20.95
2667.5	2682.5	75	0	75	0	25.61	24.40	24.43	22.51	25.91	24.68	24.68	22.66	24.98	23.65	23.76	21.79	24.27	23.02	23.16	21.00	

OUTPUT POWER FOR ULCA LTE BAND 41 (20.0MHz + 15.0MHz)

Bandwidth	PCC Frequency (MHz)	SCC1 Frequency (MHz)	PCC RB		SCC1 RB		Conducted Average (dBm)															
							ANT 1				ANT 2				ANT 3				ANT 4			
							QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
20MHz / 15MHz	2506.0	2523.1	1	99	1	0	27.67	25.97	25.41	22.43	27.82	26.29	25.60	22.68	26.16	24.58	24.10	21.08	26.21	24.46	24.07	20.96
			100	0	75	0	22.70	22.48	22.47	22.46	22.93	22.55	22.65	22.68	21.03	21.12	20.90	20.88	21.06	21.01	20.97	21.11
			1	99	1	0	28.45	26.86	26.44	23.45	28.30	26.95	26.45	23.49	27.91	26.42	25.84	22.73	27.47	25.83	25.48	22.49
	2585.6	2602.7	100	0	75	0	26.49	25.42	25.41	23.39	26.60	25.46	25.44	23.34	25.91	24.85	24.82	22.82	25.46	24.54	24.52	22.45
			1	99	1	0	27.70	25.94	25.38	22.36	27.92	26.18	25.77	22.63	26.94	25.39	24.71	21.85	26.13	24.52	24.13	21.05
			100	0	75	0	25.69	24.43	24.44	22.50	25.81	24.69	24.62	22.74	25.00	23.68	23.83	21.79	24.30	23.01	23.08	21.12

OUTPUT POWER FOR ULCA LTE BAND 41 (20.0MHz + 20.0MHz)

Bandwidth	PCC Frequency (MHz)	SCC1 Frequency (MHz)	PCC RB		SCC1 RB		Conducted Average (dBm)															
							ANT 1				2				ANT 3				ANT 4			
							QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
20MHz/ 20MHz	2506.0	2525.8	1	99	1	0	27.69	25.92	25.39	22.50	27.79	26.24	25.76	22.72	26.20	24.55	23.85	20.87	26.13	24.62	23.93	21.08
			1	0	1	99	14.67	14.32	14.49	14.44	14.83	14.79	14.77	14.67	13.08	12.87	12.85	13.07	13.13	13.06	12.95	13.11
			100	0	100	0	22.70	22.41	22.56	22.45	22.76	22.73	22.59	22.60	21.13	20.97	20.86	20.95	21.09	20.91	21.12	21.01
			1	99	1	0	28.35	27.00	26.43	23.52	28.34	26.93	26.33	23.31	27.82	26.25	25.74	22.74	27.67	25.93	25.41	22.47
			1	0	1	99	20.20	19.91	20.04	19.87	19.98	19.93	19.85	19.75	19.47	19.23	19.25	19.22	19.01	19.05	19.03	19.04
			100	0	100	0	26.65	25.55	25.56	23.43	26.52	25.25	25.31	23.33	25.82	24.85	24.86	22.82	25.50	24.55	24.39	22.31
	2583.1	2602.9	1	99	1	0	27.48	26.03	25.56	22.37	27.76	26.28	25.79	22.62	27.00	25.17	24.78	21.78	26.30	24.44	23.96	21.10
			1	0	1	99	19.06	19.00	18.89	19.01	19.40	19.05	19.06	19.19	18.50	18.20	18.23	18.26	17.77	17.61	17.64	17.42
			100	0	100	0	25.69	24.41	24.40	22.52	25.86	24.58	24.59	22.73	24.95	23.77	23.83	21.83	24.17	22.96	23.09	21.05
			1	99	1	0	27.48	26.03	25.56	22.37	27.76	26.28	25.79	22.62	27.00	25.17	24.78	21.78	26.30	24.44	23.96	21.10
			1	0	1	99	19.06	19.00	18.89	19.01	19.40	19.05	19.06	19.19	18.50	18.20	18.23	18.26	17.77	17.61	17.64	17.42
			100	0	100	0	25.69	24.41	24.40	22.52	25.86	24.58	24.59	22.73	24.95	23.77	23.83	21.83	24.17	22.96	23.09	21.05

8.7. LTE BAND 41 (IC)

Test Engineer ID:	32546	Test Date:	2025-02-07
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OUTPUT POWER FOR LTE BAND 41 (5.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				39715	40640	41565	39715	40640	41565	39715	40640	41565	39715	40640	41565
5.0	QPSK	1	0	27.63	28.58	27.60	27.94	28.60	27.70	26.15	27.95	26.90	26.29	27.63	26.24
		1	12	27.70	28.66	27.60	27.94	28.63	27.69	26.14	27.90	26.92	26.30	27.70	26.22
		1	24	27.67	28.43	27.61	27.90	28.50	27.63	26.14	27.94	26.93	26.21	27.68	26.24
		12	0	26.65	27.66	26.68	26.92	27.60	26.92	25.18	26.92	25.94	25.23	26.62	25.22
		12	6	26.61	27.64	26.67	26.96	27.60	26.90	25.12	27.00	25.92	25.21	26.63	25.20
		12	11	26.61	27.64	26.60	26.99	27.60	26.94	25.18	26.94	25.94	25.21	26.65	25.25
		25	0	26.67	27.68	26.62	26.81	27.63	26.96	25.15	26.92	25.94	25.23	26.63	25.27
		1	0	26.69	27.65	26.64	26.96	27.70	26.95	25.17	26.95	25.98	25.24	26.63	25.23
	16QAM	1	12	26.68	27.70	26.63	26.60	27.70	26.92	25.16	26.98	25.94	25.23	26.63	25.22
		1	24	26.64	27.62	26.63	26.62	27.68	26.97	25.17	26.96	25.98	25.24	26.65	25.28
		12	0	25.63	26.63	25.68	25.95	26.69	25.97	24.12	25.95	24.90	24.21	25.68	24.26
		12	6	25.61	26.63	25.65	25.99	26.61	25.97	24.11	25.99	24.86	24.29	25.67	24.20
		12	11	25.67	26.62	25.63	25.97	26.70	25.99	24.18	25.98	24.90	24.24	25.64	24.23
		25	0	25.63	26.65	25.60	25.95	26.62	25.95	24.13	26.00	24.94	24.23	25.70	24.25
		1	0	25.63	26.66	25.68	25.65	26.65	25.91	24.20	25.99	24.95	24.30	25.64	24.20
		1	12	25.64	26.66	25.65	25.86	26.69	25.94	24.15	25.97	24.93	24.21	25.63	24.25
	64QAM	1	24	25.69	26.70	25.70	25.71	26.67	25.92	24.11	25.92	24.96	24.22	25.68	24.28
		12	0	24.69	25.69	24.61	24.95	25.65	24.92	23.16	24.99	23.91	23.27	24.69	23.23
		12	6	24.63	25.64	24.70	24.91	25.65	24.98	23.17	25.00	23.92	23.21	24.66	23.24
		12	11	24.61	25.68	24.68	24.91	25.70	24.97	23.18	24.92	23.95	23.23	24.70	23.20
		25	0	24.63	25.67	24.67	24.91	25.67	24.97	23.13	24.99	23.92	23.26	24.70	23.20
		1	0	22.65	23.63	22.62	22.91	23.69	22.97	21.10	22.94	21.93	21.25	22.69	21.29
		1	12	22.69	23.68	22.69	22.52	23.69	22.90	21.20	22.91	21.94	21.27	22.62	21.20
		1	24	22.69	23.68	22.60	22.91	23.64	22.93	21.17	22.96	21.95	21.25	22.62	21.23
	256QAM	12	0	22.62	23.67	22.60	22.93	23.66	22.98	21.18	23.00	21.92	21.23	22.68	21.25
		12	6	22.69	23.63	22.60	22.97	23.65	22.92	21.14	22.96	21.98	21.29	22.68	21.22
		12	11	22.62	23.69	22.60	22.92	23.70	22.96	21.11	22.92	21.92	21.30	22.69	21.25
		25	0	22.63	23.66	22.69	22.91	23.61	22.96	21.15	23.00	21.92	21.21	22.61	21.25

OUTPUT POWER FOR LTE BAND 41 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				39740	40640	41540	39740	40640	41540	39740	40640	41540	39740	40640	41540
10.0	QPSK	1	0	27.68	28.54	27.66	27.66	28.49	27.63	26.11	27.94	26.97	26.22	27.62	26.26
		1	24	27.70	28.61	27.62	27.70	28.62	27.69	26.19	27.90	26.90	26.21	27.70	26.23
		1	49	27.60	28.56	27.66	27.60	28.48	27.66	26.19	27.91	26.90	26.30	27.66	26.23
		25	0	26.66	27.64	26.65	26.96	27.64	26.94	25.15	26.95	25.97	25.21	26.64	25.29
		25	12	26.63	27.64	26.62	26.91	27.69	26.91	25.18	26.98	25.93	25.25	26.62	25.27
		25	24	26.67	27.64	26.62	26.95	27.68	26.97	25.15	26.97	25.93	25.26	26.65	25.24
		50	0	26.61	27.64	26.66	26.93	27.63	26.96	25.11	26.93	25.95	25.30	26.66	25.29
		1	0	26.61	27.69	26.69	26.94	27.70	26.99	25.11	27.00	25.99	25.27	26.61	25.20
	16QAM	1	24	26.68	27.70	26.62	26.96	27.64	26.90	25.12	26.92	25.96	25.28	26.68	25.20
		1	49	26.67	27.62	26.70	26.97	27.64	26.91	25.13	26.95	25.92	25.26	26.67	25.29
		25	0	25.63	26.63	25.63	25.99	26.61	25.95	24.16	26.00	24.90	24.24	25.64	24.25
		25	12	25.62	26.65	25.62	25.95	26.65	25.96	24.16	25.95	24.90	24.27	25.61	24.24
		25	24	25.67	26.63	25.61	25.98	26.63	25.97	24.12	25.97	24.98	24.22	25.61	24.29
		50	0	25.68	26.66	25.62	25.93	26.67	25.93	24.11	26.00	24.95	24.28	25.65	24.25
		1	0	25.63	26.62	25.67	25.95	26.61	25.95	24.18	25.94	24.98	24.25	25.69	24.24
		1	24	25.66	26.62	25.69	25.95	26.67	25.94	24.18	26.00	24.96	24.28	25.63	24.26
	64QAM	1	49	25.66	26.61	25.62	25.98	26.68	25.95	24.20	25.91	24.96	24.24	25.65	24.29
		25	0	24.65	25.66	24.62	24.95	25.61	24.93	23.16	24.94	23.92	23.24	24.64	23.25
		25	12	24.61	25.63	24.66	24.92	25.63	24.99	23.16	24.98	23.93	23.24	24.69	23.22
		25	24	24.68	25.66	24.68	24.91	25.63	24.95	23.12	24.95	23.91	23.26	24.68	23.23
		50	0	24.65	25.66	24.69	24.96	25.65	24.99	23.19	24.97	23.92	23.29	24.70	23.27
		1	0	22.61	23.68	22.66	22.91	23.69	22.95	21.18	23.00	21.93	21.23	22.67	21.20
		1	24	22.68	23.65	22.61	22.98	23.61	22.97	21.14	22.99	21.98	21.21	22.63	21.25
		1	49	22.61	23.62	22.66	22.95	23.69	22.95	21.14	22.96	21.94	21.25	22.65	21.26
	256QAM	25	0	22.67	23.67	22.63	22.99	23.70	22.91	21.10	22.93	21.94	21.24	22.62	21.25
		25	12	22.66	23.64	22.69	22.92	23.64	22.96	21.11	23.00	21.91	21.26	22.62	21.25
		25	24	22.65	23.69	22.69	22.97	23.65	22.96	21.16	22.98	21.93	21.22	22.70	21.26
		50	0	22.68	23.69	22.63	22.94	23.70	22.93	21.16	22.92	21.96	21.21	22.61	21.27

OUTPUT POWER FOR LTE BAND 41 (15.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				39765	40640	41515	39765	40640	41515	39765	40640	41515	39765	40640	41515
15.0	QPSK	1	0	22.61	28.30	27.60	22.98	28.47	27.92	21.11	27.93	26.98	21.30	27.70	26.30
		1	37	27.70	28.68	27.69	27.70	28.52	27.56	26.20	27.90	26.90	26.30	27.65	26.21
		1	74	27.65	28.36	27.60	27.63	28.60	27.99	26.15	27.98	26.98	26.24	27.67	26.23
		36	0	22.60	27.65	26.67	22.90	27.62	26.91	21.12	26.93	25.91	21.28	26.65	25.23
		36	16	26.66	27.63	26.65	26.97	27.60	26.90	25.16	27.00	25.98	25.28	26.62	25.28
		36	35	23.63	27.65	26.65	23.99	27.69	26.98	22.13	26.92	25.98	22.22	26.68	25.29
		75	0	22.67	27.68	26.60	22.96	27.68	26.98	21.17	26.96	25.94	21.28	26.69	25.24
	16QAM	1	0	21.61	27.62	26.65	21.97	27.63	26.99	20.10	26.91	25.92	20.30	26.62	25.24
		1	37	26.64	27.70	26.62	26.91	27.70	26.94	25.11	26.98	25.99	25.23	26.65	25.25
		1	74	26.63	27.68	26.69	26.96	27.61	26.92	25.20	26.97	25.93	25.28	26.63	25.25
		36	0	21.68	26.70	25.63	21.93	26.61	25.99	20.19	25.93	24.97	20.26	25.61	24.28
		36	16	25.65	26.69	25.62	25.97	26.66	25.90	24.16	25.98	24.94	24.28	25.63	24.24
		36	35	22.63	26.69	25.63	22.99	26.66	25.98	21.13	25.92	24.98	21.30	25.66	24.25
		75	0	21.65	26.62	25.67	21.98	26.62	25.93	20.15	25.92	24.90	20.25	25.67	24.23
	64QAM	1	0	20.63	26.67	25.69	20.97	26.69	25.94	19.11	25.91	24.90	19.21	25.68	24.24
		1	37	25.63	26.70	25.62	25.93	26.67	25.98	24.12	25.99	24.93	24.28	25.64	24.22
		1	74	25.64	26.62	25.68	25.95	26.64	25.95	24.19	25.96	24.92	24.22	25.69	24.27
		36	0	20.67	25.62	24.66	20.92	25.68	24.92	19.19	25.00	23.99	19.24	24.61	23.28
		36	16	24.64	25.62	24.62	24.93	25.62	24.97	23.16	24.96	23.96	23.27	24.61	23.26
		36	35	21.70	25.62	24.62	21.99	25.64	24.92	20.11	24.91	23.97	20.28	24.64	23.29
		75	0	20.65	25.63	24.64	20.94	25.67	24.94	19.19	24.99	23.98	19.22	24.63	23.20
	256QAM	1	0	17.68	23.64	22.67	17.93	23.64	22.99	16.17	22.99	21.99	16.28	22.67	21.29
		1	37	22.70	23.68	22.67	22.97	23.70	22.93	21.20	22.94	21.90	21.30	22.67	21.27
		1	74	22.68	23.65	22.63	22.94	23.64	22.95	21.19	22.91	21.90	21.23	22.62	21.26
		36	0	18.65	23.64	22.66	18.95	23.61	22.96	17.19	22.91	21.92	17.30	22.62	21.29
		36	16	22.67	23.70	22.62	22.93	23.67	22.99	21.16	22.97	21.96	21.30	22.70	21.27
		36	35	19.62	23.66	22.64	19.90	23.69	22.99	18.15	23.00	21.91	18.25	22.66	21.29
		75	0	18.69	23.65	22.65	18.90	23.62	22.94	17.10	22.99	21.90	17.22	22.63	21.21

OUTPUT POWER FOR LTE BAND 41 (20.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				39790	40640	41490	39790	40640	41490	39790	40640	41490	39790	40640	41490
20.0	QPSK	1	0	25.10.0	25.95.0	26.80.0	25.10.0	25.95.0	26.80.0	25.10.0	25.95.0	26.80.0	25.10.0	25.95.0	26.80.0
		1	49	22.62	28.53	27.69	22.96	28.55	27.93	21.18	27.91	26.99	21.21	27.63	26.21
		1	99	27.70	28.70	27.67	27.70	28.67	27.59	26.12	27.92	26.90	26.30	27.70	26.21
		50	0	27.61	28.48	27.64	27.69	28.56	27.51	26.16	27.94	26.90	26.23	27.61	26.24
		50	0	22.62	27.65	26.65	22.96	27.66	26.90	21.16	26.91	25.91	21.24	26.66	25.23
		50	24	26.63	27.63	26.68	26.96	27.70	26.93	25.15	26.97	25.98	25.28	26.64	25.20
		50	49	23.66	27.67	26.69	23.94	27.61	26.93	22.12	26.92	25.98	22.30	26.67	25.21
	16QAM	100	0	22.69	27.65	26.65	22.92	27.66	26.92	21.20	26.92	25.90	21.22	26.69	25.23
		1	0	21.65	27.61	26.69	21.99	27.68	26.90	20.16	26.96	25.93	20.26	26.67	25.27
		1	49	26.61	27.70	26.69	26.97	27.61	26.94	25.14	27.00	25.98	25.27	26.62	25.20
		1	99	26.69	27.64	26.62	26.91	27.64	26.95	25.20	26.95	25.99	25.23	26.63	25.23
		50	0	21.64	26.62	25.63	21.92	26.63	25.97	20.14	25.91	24.90	20.25	25.64	24.26
		50	24	25.64	26.70	25.70	25.95	26.65	25.97	24.16	25.99	24.97	24.28	25.62	24.25
		50	49	22.69	26.64	25.69	22.97	26.66	25.99	21.19	25.91	24.99	21.28	25.64	24.21
	64QAM	100	0	21.68	26.63	25.61	21.94	26.62	25.92	20.19	25.92	24.99	20.25	25.67	24.22
		1	0	20.70	26.63	25.66	20.91	26.64	25.93	19.20	26.00	24.90	19.24	25.61	24.26
		1	49	25.62	26.63	25.61	25.91	26.63	25.98	24.19	25.94	25.00	24.24	25.69	24.29
		1	99	25.66	26.68	25.66	25.93	26.68	25.94	24.19	26.00	24.98	24.29	25.61	24.25
		50	0	20.70	25.63	24.62	20.90	25.62	24.92	19.14	24.92	23.92	19.23	24.65	23.24
		50	24	24.63	25.61	24.66	24.95	25.66	24.98	23.15	24.97	23.98	23.26	24.62	23.21
		50	49	21.65	25.63	24.66	21.99	25.66	24.94	20.11	24.94	23.99	20.28	24.63	23.28
	256QAM	100	0	20.64	25.63	24.63	20.91	25.70	24.92	19.19	25.00	23.98	19.30	24.66	23.22
		1	0	17.68	23.64	22.65	17.91	23.63	22.93	16.16	22.92	21.96	16.29	22.64	21.24
		1	49	22.63	23.69	22.67	22.99	23.63	22.92	21.16	22.98	21.92	21.24	22.68	21.20
		1	99	22.68	23.70	22.66	22.91	23.67	22.96	21.16	22.99	21.93	21.26	22.70	21.29
		50	0	18.63	23.65	22.63	18.94	23.67	22.95	17.20	22.93	21.94	17.29	22.67	21.21
		50	24	22.65	23.62	22.69	22.95	23.61	22.98	21.17	22.99	21.90	21.27	22.62	21.29
		50	49	19.70	23.67	22.60	19.97	23.70	22.98	18.13	22.91	21.91	18.27	22.65	21.21
		100	0	18.68	23.65	22.63	18.90	23.65	22.98	17.11	22.94	21.94	17.25	22.68	21.24

8.8. 5G NR n41 (IC)

Test Engineer ID:	19146	Test Date:	2025-07-15
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OUTPUT POWER FOR 5G NR n41 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 2			ANT 1			ANT 4			ANT 3		
				501000	519000	537000	501000	519000	537000	501000	519000	537000	501000	519000	537000
10.0	BPSK	1	0	2505.0	2595.0	2685.0	2505.0	2595.0	2685.0	2505.0	2595.0	2685.0	2505.0	2595.0	2685.0
		1	1	25.18	25.11	25.18	25.16	25.15	25.09	24.06	23.93	24.04	24.32	24.04	24.47
		1	22	28.57	28.54	28.61	28.55	28.67	28.62	27.52	27.40	27.52	27.80	27.60	27.88
		1	23	28.58	28.39	28.51	28.63	28.54	28.69	27.66	27.40	27.65	27.95	27.64	27.89
		1	23	25.13	24.84	25.11	25.04	25.02	25.01	24.12	23.77	24.17	24.49	24.11	24.47
		12	6	28.56	28.70	28.58	28.65	28.70	28.56	27.55	27.59	27.63	27.95	27.99	27.84
	QPSK	24	0	28.16	28.38	28.17	28.11	27.86	28.16	27.08	27.40	27.18	27.36	27.28	27.42
		1	0	25.19	24.75	25.08	25.04	25.03	25.09	24.01	24.02	24.00	24.47	24.17	24.40
		1	1	28.63	28.24	28.53	28.52	28.58	28.68	27.62	27.32	27.62	27.84	27.56	27.88
		1	22	28.66	28.62	28.60	28.63	28.56	28.63	27.52	27.22	27.66	27.87	27.94	27.85
		1	23	25.04	24.90	25.01	25.18	25.00	25.18	24.05	23.84	24.17	24.44	24.37	24.37
		12	6	28.63	28.68	28.56	28.64	28.70	28.61	27.64	27.59	27.57	27.83	27.95	27.82
	16QAM	24	0	27.69	27.80	27.60	27.57	27.53	27.67	26.68	26.67	26.69	26.99	26.84	26.99
		1	0	25.17	24.86	25.05	25.18	24.94	25.00	24.15	24.07	24.15	24.47	24.47	24.47
		1	1	27.59	27.30	27.65	27.65	27.21	27.50	26.50	26.59	26.64	26.99	26.89	26.86
		1	22	27.65	27.29	27.62	27.51	27.30	27.60	26.66	26.23	26.69	26.81	26.89	26.85
		1	23	25.09	24.89	25.19	25.13	24.72	25.06	24.04	24.09	24.18	24.36	24.02	24.36
		12	6	27.67	27.45	27.63	27.68	27.51	27.63	26.57	26.70	26.57	26.93	27.00	26.81
	64QAM	24	0	26.57	26.66	26.59	26.65	26.82	26.66	25.64	25.50	25.68	25.84	25.65	25.85
		1	0	25.15	24.95	25.11	25.19	24.85	25.07	24.09	23.70	24.06	24.40	24.23	24.44
		1	1	26.19	25.71	26.00	26.17	25.79	26.10	25.06	25.17	25.13	25.49	25.41	25.44
		1	22	26.16	26.18	26.08	26.17	25.93	26.16	25.17	24.78	25.11	25.34	25.05	25.41
		1	23	25.13	24.83	25.05	25.08	24.72	25.17	24.14	23.73	24.06	24.31	24.18	24.47
		12	6	26.16	26.12	26.13	26.09	26.10	26.01	25.18	25.18	25.09	25.48	25.50	25.48
	256QAM	24	0	26.00	26.09	26.10	26.02	26.37	26.08	25.19	25.30	25.05	25.42	25.38	25.37
		1	0	24.04	24.02	24.08	24.18	24.04	24.13	23.14	22.71	23.00	23.30	23.48	23.49
		1	1	24.04	24.12	24.01	24.08	24.02	24.01	23.10	23.12	23.12	23.40	23.02	23.34
		1	22	24.18	24.01	24.12	24.19	23.81	24.01	23.00	22.78	23.04	23.44	23.18	23.46
		1	23	24.18	24.12	24.05	24.17	24.09	24.11	23.01	22.73	23.14	23.32	23.43	23.47
		12	6	24.17	24.20	24.06	24.00	24.03	24.00	23.13	23.20	23.18	23.44	23.30	23.36
		24	0	24.15	24.05	23.74	24.02	24.01	24.18	23.13	23.12	23.11	23.46	23.50	23.31

OUTPUT POWER FOR 5G NR n41 (15.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 2			ANT 1			ANT 4			ANT 3		
				501504	519000	536496	501504	519000	536496	501504	519000	536496	501504	519000	536496
15.0	BPSK	1	0	2507.5	2595.0	2682.5	2507.5	2595.0	2682.5	2507.5	2595.0	2682.5	2507.5	2595.0	2682.5
		1	1	25.10	25.08	25.03	25.11	24.85	25.01	24.14	23.79	24.14	24.38	24.15	24.37
		1	36	28.68	28.39	28.65	28.65	28.61	28.57	27.58	27.41	27.50	27.93	27.67	27.98
		1	36	28.51	28.62	28.56	28.68	28.23	28.62	27.59	27.52	27.60	27.88	27.93	27.95
		1	37	25.09	25.09	25.05	25.02	25.00	25.03	24.05	23.73	24.00	24.44	24.15	24.32
		18	9	28.55	28.68	28.53	28.59	28.47	28.65	27.59	27.59	27.69	27.84	28.00	27.85
	QPSK	36	0	24.37	28.41	28.05	24.19	28.42	28.15	22.71	27.04	27.03	22.67	27.41	27.30
		1	0	25.10	24.87	25.01	25.04	25.04	25.04	24.10	23.94	24.12	24.47	24.21	24.35
		1	1	28.69	28.29	28.59	28.57	28.53	28.56	27.61	27.25	27.67	27.96	27.99	27.95
		1	36	28.56	28.53	28.50	28.69	28.55	28.64	27.52	27.29	27.64	27.87	27.52	27.93
		1	37	25.16	25.08	25.03	25.10	25.12	25.14	24.10	24.06	24.02	24.47	24.19	24.48
		18	9	28.68	28.47	28.62	28.65	28.70	28.56	27.56	27.66	27.67	27.99	27.85	27.86
	16QAM	36	0	24.48	27.93	27.58	24.14	27.38	27.53	22.62	26.58	26.68	22.55	26.81	26.80
		1	0	25.14	24.94	25.00	25.06	25.10	25.05	24.15	24.13	24.06	24.49	24.18	24.38
		1	1	27.68	27.60	27.66	27.63	27.34	27.53	26.53	26.62	26.55	26.98	26.86	26.88
		1	36	27.60	27.42	27.63	27.68	27.52	27.67	26.58	26.23	26.57	26.87	26.60	26.80
		1	37	25.04	24.81	25.12	25.06	24.72	25.16	24.07	23.73	24.05	24.42	24.34	24.31
		18	9	27.57	27.68	27.61	27.65	27.70	27.69	26.54	26.46	26.62	26.96	26.97	26.92
	64QAM	36	0	24.39	26.58	26.67	24.16	26.66	26.60	22.72	25.77	25.51	22.58	25.99	25.84
		1	0	25.14	25.02	25.19	25.06	25.06	25.14	24.13	24.16	24.09	24.43	24.15	24.34
		1	1	26.00	26.15	26.05	26.01	25.73	26.02	25.02	24.89	25.16	25.30	25.01	25.38
		1	36	26.06	26.03	26.10	26.09	25.83	26.08	25.13	25.01	25.12	25.45	25.07	25.48
		1	37	25.19	25.02	25.16	25.10	25.10	25.19	24.08	24.11	24.09	24.35	24.36	24.49
		18	9	26.19	26.20	26.13	26.12	26.20	26.01	25.18	25.07	25.07	25.43	25.29	25.44
	256QAM	36	0	24.32	26.03	26.08	24.15	26.23	26.09	22.62	25.19	25.04	22.59	25.26	25.46
		1	0	24.05	24.15	24.04	24.04	24.00	24.01	23.10	23.13	23.06	23.49	23.31	23.45
		1	1	24.09	23.87	24.17	24.11	23.85	24.09	23.07	23.16	23.14	23.41	23.46	23.47
		1	36	24.19	23.78	24.12	24.10	24.09	24.02	23.08	22.71	23.12	23.48	23.42	23.40
		1	37	24.14	24.05	24.16	24.12	24.12	24.14	23.06	23.14	23.19	23.41	23.09	23.47
		18	9	24.05	24.20	24.07	24.12	24.20	24.00	23.17	23.20	23.19	23.46	23.50	23.30
		36	0	24.42	24.22	24.13	24.05	24.13	24.01	22.61	23.27	23.17	22.56	23.26	23.46

OUTPUT POWER FOR 5G NR n41 (20.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 2			ANT 1			ANT 4			ANT 3		
				502002	519000	535998	502002	519000	535998	502002	519000	535998	502002	519000	535998
20.0	BPSK	1	0	25.03	25.00	25.06	25.10	24.85	25.11	24.18	24.02	24.15	24.32	24.08	24.46
		1	1	28.53	28.56	28.51	28.57	28.66	28.69	27.69	27.64	27.64	27.91	27.51	27.99
		1	49	28.65	28.65	28.66	28.60	28.29	28.61	27.61	27.21	27.64	27.82	27.60	27.89
		1	50	25.00	25.02	25.01	25.18	25.17	25.07	24.05	24.07	24.00	24.48	24.41	24.41
		25	12	28.53	28.51	28.59	28.54	28.48	28.50	27.69	27.70	27.62	27.86	28.00	27.84
		50	0	28.01	28.39	28.00	28.15	28.42	28.01	27.08	27.08	27.03	27.30	27.24	27.48
	QPSK	1	0	25.08	25.11	25.13	25.00	25.18	25.14	24.04	24.07	24.05	24.43	24.07	24.36
		1	1	28.52	28.50	28.57	28.65	28.68	28.66	27.59	27.35	27.58	27.84	27.99	27.97
		1	49	28.69	28.29	28.63	28.68	28.61	28.52	27.58	27.41	27.52	27.85	27.99	27.99
		1	50	25.08	25.16	25.02	25.00	25.12	25.00	24.01	24.12	24.19	24.47	24.39	24.40
		25	12	28.69	28.70	28.63	28.60	28.70	28.55	27.58	27.67	27.58	27.83	28.00	27.93
		50	0	27.64	27.40	27.23	27.64	27.45	27.68	26.64	26.90	26.68	26.81	26.66	26.99
	16QAM	1	0	25.01	24.83	25.06	25.05	25.16	25.13	24.08	23.83	24.03	24.47	24.47	24.32
		1	1	27.56	27.43	27.58	27.62	27.54	27.64	26.62	26.60	26.60	26.83	26.81	26.91
		1	49	27.69	27.62	27.50	27.52	27.64	27.65	26.57	26.34	26.51	26.98	26.59	26.99
		1	50	25.12	25.11	25.10	25.09	24.90	25.09	24.02	24.17	24.08	24.42	24.33	24.37
		25	12	27.51	27.70	27.66	27.68	27.59	27.56	26.69	26.48	26.68	26.97	26.97	26.92
		50	0	26.52	26.55	26.59	26.66	26.73	26.50	25.56	25.50	25.69	25.91	25.76	25.93
	64QAM	1	0	25.00	25.00	25.06	25.00	25.14	25.14	24.08	24.17	24.06	24.30	24.09	24.31
		1	1	26.01	26.16	26.02	26.15	25.91	26.03	25.17	25.02	25.19	25.34	25.48	25.48
		1	49	26.10	26.17	26.10	26.08	26.09	26.02	25.15	25.09	25.03	25.37	25.24	25.45
		1	50	25.19	25.07	25.19	25.19	24.80	25.15	24.09	24.16	24.16	24.37	24.13	24.48
		25	12	26.06	26.20	26.08	26.11	26.09	26.14	25.17	25.20	25.15	25.41	25.40	25.40
		50	0	26.03	26.03	26.07	26.19	26.26	26.01	25.19	24.87	25.13	25.31	25.59	25.46
	256QAM	1	0	24.00	24.09	24.10	24.00	24.06	24.09	23.05	22.77	23.01	23.46	23.37	23.30
		1	1	24.01	24.18	24.03	24.04	24.03	24.13	23.06	23.11	23.04	23.47	23.01	23.33
		1	49	24.12	24.15	24.01	24.05	24.00	24.19	23.00	23.17	23.19	23.33	23.36	23.42
		1	50	24.13	24.00	24.16	24.18	24.08	24.04	23.18	22.91	23.03	23.35	23.30	23.46
		25	12	24.11	24.20	24.04	24.17	24.20	24.02	23.14	23.09	23.03	23.34	23.50	23.49
		50	0	24.14	24.03	24.09	24.16	24.21	24.09	23.17	23.43	23.15	23.30	23.53	23.47

OUTPUT POWER FOR 5G NR n41 (25.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 2			ANT 1			ANT 4			ANT 3		
				502500	519000	535500	502500	519000	535500	502500	519000	535500	502500	519000	535500
25.0	BPSK	1	0	25.05	25.08	25.14	25.11	25.06	25.12	24.19	23.74	24.03	24.30	24.02	24.47
		1	1	28.56	28.69	28.65	28.50	28.62	28.59	27.62	27.44	27.58	27.92	27.97	27.87
		1	63	28.50	28.37	28.67	28.59	28.54	28.59	27.67	27.56	27.60	27.94	27.93	27.87
		1	64	25.19	24.89	25.09	25.09	25.09	25.17	24.18	24.10	24.12	24.42	24.37	24.48
		32	16	28.61	28.53	28.60	28.51	28.67	28.56	27.60	27.49	27.56	27.85	28.00	27.84
		64	0	24.35	28.06	28.00	24.18	27.97	28.02	22.61	26.98	27.05	22.58	27.43	27.32
	QPSK	1	0	25.04	25.04	25.15	25.07	25.17	25.05	24.14	24.16	24.11	24.41	24.43	24.48
		1	1	28.67	28.66	28.56	28.55	28.58	28.66	27.53	27.23	27.61	27.99	27.83	27.98
		1	63	28.52	28.60	28.59	28.67	28.60	28.65	27.52	27.55	27.66	27.90	27.84	27.97
		1	64	25.03	25.12	25.10	25.02	24.70	25.11	24.18	24.03	24.19	24.37	24.44	24.33
		32	16	28.62	28.70	28.62	28.53	28.60	28.51	27.58	27.70	27.65	27.95	28.00	27.93
		64	0	24.32	27.48	27.58	24.13	27.87	27.61	22.68	26.58	26.63	22.59	26.61	26.82
	16QAM	1	0	25.01	24.85	25.09	25.00	25.03	25.13	24.07	24.12	24.16	24.49	24.14	24.41
		1	1	27.54	27.44	27.65	27.61	27.63	27.51	26.52	26.62	26.60	26.89	26.59	26.90
		1	63	27.53	27.54	27.59	27.62	27.58	27.54	26.63	26.61	26.56	26.97	26.87	26.85
		1	64	25.15	24.85	25.10	25.04	25.15	25.00	24.18	24.10	24.03	24.41	24.35	24.38
		32	16	27.54	27.51	27.51	27.65	27.70	27.58	26.69	26.70	26.51	26.84	27.00	26.80
		64	0	24.44	26.89	26.59	24.14	26.69	26.63	22.75	25.66	25.59	22.67	25.87	25.83
	64QAM	1	0	25.08	24.73	25.10	25.10	25.02	25.06	24.12	24.18	24.02	24.41	24.03	24.48
		1	1	26.01	25.85	26.07	26.14	25.76	26.03	25.08	25.10	25.01	25.34	25.24	25.48
		1	63	26.10	26.11	26.08	26.19	25.89	26.15	25.05	24.92	25.06	25.37	25.36	25.48
		1	64	25.03	25.18	25.19	25.08	24.76	25.12	24.10	23.85	24.19	24.36	24.39	24.46
		32	16	26.07	25.96	26.19	26.01	26.20	26.10	25.01	25.10	25.09	25.32	25.45	25.49
		64	0	24.37	26.38	26.15	24.17	26.16	26.01	22.76	25.37	25.01	22.50	25.32	25.43
	256QAM	1	0	24.11	24.15	24.00	24.09	24.03	24.00	23.19	23.12	23.07	23.35	23.19	23.41
		1	1	24.13	24.08	24.02	24.04	24.11	24.14	23.04	22.78	23.08	23.31	23.33	23.32
		1	63	24.19	24.06	24.03	24.19	24.18	24.18	23.14	22.71	23.11	23.32	23.37	23.46
		1	64	24.10	23.80	24.15	24.09	24.06	24.13	23.15	23.10	23.04	23.34	23.39	23.46
		32	16	24.16	24.03	24.07	24.19	24.20	24.18	23.18	23.20	23.11	23.38	23.48	23.32
		64	0	24.42	24.41	24.10	24.01	24.34	24.18	22.69	23.24	23.07	22.55	23.37	23.44

OUTPUT POWER FOR 5G NR n41 (30.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 2			ANT 1			ANT 4			ANT 3		
				503004	519000	534996	503004	519000	534996	503004	519000	534996	503004	519000	534996
30.0	BPSK	1	0	25.07	25.17	25.07	25.17	25.01	25.18	24.01	24.17	24.18	24.48	24.31	24.44
		1	1	28.53	28.25	28.51	28.53	28.25	28.50	27.68	27.34	27.69	27.95	27.55	27.84
		1	76	28.61	28.62	28.65	28.68	28.54	28.64	27.54	27.33	27.55	27.92	27.56	27.88
		1	77	25.11	25.13	25.07	25.03	25.14	25.09	24.00	23.79	24.07	24.37	24.21	24.48
		36	18	28.52	28.47	28.67	28.50	28.70	28.52	27.54	27.70	27.56	27.88	27.97	27.87
		75	0	24.87	28.39	28.01	24.60	28.04	28.16	23.19	27.04	27.13	23.14	27.72	27.34
	QPSK	1	0	25.13	25.16	25.15	25.15	25.03	25.07	24.14	24.16	24.01	24.40	24.01	24.30
		1	1	28.61	28.68	28.53	28.54	28.23	28.67	27.58	27.39	27.69	27.84	27.65	27.99
		1	76	28.69	28.54	28.53	28.66	28.50	28.64	27.62	27.52	27.53	27.81	27.80	27.96
		1	77	25.04	25.04	25.18	25.19	25.09	25.17	24.11	23.89	24.05	24.43	24.40	24.34
		36	18	28.66	28.70	28.62	28.50	28.53	28.65	27.68	27.52	27.50	27.96	28.00	27.87
		75	0	24.80	27.33	27.69	24.68	27.68	27.62	23.12	26.66	26.51	23.09	26.88	26.99
	16QAM	1	0	25.05	25.10	25.00	25.09	24.93	25.05	24.01	24.10	24.14	24.38	24.34	24.42
		1	1	27.68	27.28	27.51	27.58	27.32	27.56	26.50	26.54	26.52	26.93	26.82	26.87
		1	76	27.57	27.58	27.59	27.63	27.24	27.60	26.61	26.21	26.53	26.93	26.87	26.98
		1	77	25.10	24.74	25.00	25.06	24.83	25.19	24.12	24.05	24.04	24.44	24.31	24.47
		36	18	27.51	27.70	27.50	27.68	27.61	27.60	26.58	26.68	26.53	26.83	27.00	26.93
		75	0	24.89	26.77	26.55	24.63	26.92	26.65	23.17	25.66	25.61	23.02	25.95	25.94
	64QAM	1	0	25.08	25.02	25.15	25.09	25.09	25.11	24.02	23.81	24.10	24.34	24.02	24.41
		1	1	26.18	26.06	26.17	26.19	25.91	26.01	25.05	25.17	25.18	25.39	25.14	25.41
		1	76	26.15	26.04	26.02	26.08	26.08	26.10	25.06	24.77	25.02	25.39	25.46	25.38
		1	77	25.13	25.07	25.06	25.11	24.91	25.10	24.14	24.17	24.06	24.36	24.22	24.35
		36	18	26.15	26.20	26.06	26.04	26.13	26.10	25.14	25.20	25.14	25.46	25.49	25.37
		75	0	24.95	25.94	26.19	24.69	26.11	26.17	23.20	25.16	25.18	23.14	25.73	25.37
	256QAM	1	0	24.07	24.03	24.11	24.11	24.12	24.10	23.13	22.84	23.11	23.41	23.45	23.36
		1	1	24.12	24.14	24.18	24.04	24.05	24.13	23.04	23.01	23.06	23.37	23.47	23.47
		1	76	24.09	24.18	24.10	24.19	23.76	24.01	23.13	22.93	23.03	23.30	23.48	23.48
		1	77	24.06	24.13	24.18	24.10	23.79	24.01	23.11	22.84	23.07	23.35	23.31	23.47
		36	18	24.03	24.04	24.14	24.15	24.20	24.11	23.19	23.02	23.07	23.39	23.50	23.39
		75	0	24.82	24.11	24.06	24.64	24.02	24.12	23.21	23.04	23.08	23.11	23.21	23.36

OUTPUT POWER FOR 5G NR n41 (35.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 2			ANT 1			ANT 4			ANT 3		
				503502	519000	534498	503502	519000	534498	503502	519000	534498	503502	519000	534498
35.0	BPSK	1	0	25.10	25.00	24.70	25.03	24.87	25.15	24.14	24.12	24.04	24.37	24.32	24.02
		1	1	28.50	28.63	28.54	28.69	28.56	28.65	27.64	27.58	27.54	27.82	27.89	27.92
		1	90	28.56	28.25	28.52	28.65	28.68	28.57	27.54	27.24	27.66	27.85	27.83	27.95
		1	91	24.83	25.15	25.09	25.15	25.00	25.00	24.19	24.06	24.02	24.48	24.48	24.30
		45	22	28.61	28.70	28.67	28.62	28.47	28.56	27.52	27.70	27.52	27.93	28.00	27.85
		90	0	28.06	28.15	28.14	28.09	28.28	28.16	27.19	27.15	27.15	27.43	27.46	27.36
	QPSK	1	0	25.15	25.15	25.05	25.09	25.04	25.12	24.05	23.73	24.15	24.33	24.05	24.04
		1	1	28.66	28.63	28.66	28.59	28.21	28.57	27.67	27.60	27.44	27.90	27.88	27.81
		1	90	28.60	28.64	28.67	28.50	28.63	28.63	27.51	27.51	27.54	27.73	27.57	27.87
		1	91	25.12	25.15	25.09	25.00	24.78	25.03	24.04	23.79	24.11	24.38	24.12	24.32
		45	22	28.65	28.70	28.53	28.55	28.63	28.51	27.60	27.68	27.60	27.95	27.76	27.83
		90	0	27.66	27.72	27.62	27.57	27.47	27.62	26.58	26.55	26.54	26.85	27.20	26.96
	16QAM	1	0	25.10	24.89	24.86	25.07	24.71	24.93	24.03	24.00	24.00	24.32	24.11	24.09
		1	1	27.60	27.65	27.30	27.63	27.53	27.59	26.58	26.44	26.25	26.89	26.84	26.74
		1	90	27.32	27.34	27.60	27.54	27.54	27.69	26.51	26.41	26.67	26.90	26.85	26.99
		1	91	25.19	24.70	25.13	25.09	25.07	25.02	23.74	24.11	24.17	24.33	24.35	24.43
		45	22	27.54	27.61	27.67	27.59	27.70	27.59	26.66	26.65	26.62	26.81	26.96	26.90
		90	0	26.60	26.57	26.55	26.57	26.51	26.67	25.61	25.73	25.54	25.84	26.09	25.98
	64QAM	1	0	25.08	25.05	25.19	25.06	25.10	25.10	24.17	24.00	24.13	24.35	24.47	24.32
		1	1	26.12	25.93	26.18	26.05	26.06	26.00	25.17	25.13	25.00	25.48	25.06	25.42
		1	90	26.05	25.71	26.03	25.73	26.08	26.17	24.80	25.09	25.07	25.38	25.07	25.42
		1	91	24.77	24.71	25.00	25.09	25.02	25.13	23.73	24.15	24.18	24.38	24.15	24.48
		45	22	26.14	25.99	26.06	26.16	26.20	26.02	25.07	25.20	25.04	25.40	25.36	25.45
		90	0	26.07	25.98	26.07	26.17	25.91	26.16	25.19	24.95	25.05	25.44	25.28	25.46
	256QAM	1	0	24.00	24.05	24.06	24.10	23.76	24.05	23.11	23.18	22.71	23.32	23.49	23.02
		1	1	24.13	24.05	24.16	24.01	24.10	24.13	23.17	23.03	23.11	23.35	23.18	23.31
		1	90	24.14	23.72	24.05	24.07	23.92	24.03	22.87	22.91	23.13	23.37	23.36	23.47
		1	91	24.15	24.12	24.14	24.09	24.08	24.01	23.19	23.09	23.05	23.35	23.46	23.41
		45	22	24.14	24.20	24.00	24.16	24.08	24.19	23.03	23.11	23.17	23.34	23.42	23.41
		90	0	24.02	24.12	24.00	24.03	23.97	24.16	23.13	23.35	23.10	23.36	23.62	23.38

OUTPUT POWER FOR 5G NR n41 (40.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 2			ANT 1			ANT 4			ANT 3		
				504000	519000	534000	504000	519000	534000	504000	519000	534000	504000	519000	534000
40.0	BPSK	1	0	25.10	25.14	25.01	25.07	25.03	25.12	24.01	23.77	23.86	24.30	24.19	24.40
		1	1	28.51	28.63	28.66	28.60	28.22	28.61	27.69	27.36	27.68	27.81	27.54	27.93
		1	104	28.56	28.36	28.51	28.52	28.43	28.59	27.57	27.60	27.66	27.52	27.51	27.87
		1	105	25.10	25.03	25.10	25.05	25.19	25.03	24.06	24.12	24.09	24.30	24.24	24.30
		50	25	28.53	28.53	28.52	28.58	28.53	28.65	27.56	27.51	27.68	27.83	27.83	27.97
		100	0	28.14	28.37	28.11	28.03	28.42	28.18	27.12	27.10	27.12	27.36	27.51	27.34
	QPSK	1	0	25.09	25.12	25.11	25.10	25.02	25.19	24.12	24.03	24.15	24.46	24.08	24.10
		1	1	28.67	28.54	28.61	28.59	28.21	28.51	27.53	27.62	27.60	27.88	27.68	27.56
		1	104	28.68	28.67	28.50	28.28	28.65	28.58	27.60	27.56	27.64	27.91	27.86	27.87
		1	105	25.09	25.11	25.09	25.06	25.18	25.11	23.72	24.03	24.14	24.31	24.00	24.37
		50	25	28.66	28.70	28.59	28.63	28.70	28.51	27.56	27.70	27.58	27.87	27.84	27.90
		100	0	27.60	27.44	27.64	27.59	27.48	27.69	26.68	26.38	26.53	26.85	27.01	26.93
	16QAM	1	0	25.12	25.11	24.93	25.19	25.05	25.15	24.09	24.15	24.01	24.40	24.08	24.09
		1	1	27.64	27.60	27.24	27.64	27.44	27.53	26.61	26.61	26.32	26.87	26.51	26.57
		1	104	27.21	27.28	27.50	27.34	27.68	27.65	26.41	26.24	26.67	26.82	26.62	26.80
		1	105	24.91	25.11	25.13	24.92	25.07	24.11	23.82	24.17	24.06	24.46	24.41	
		50	25	27.68	27.70	27.50	27.63	27.49	27.51	26.69	26.70	26.53	26.91	26.83	26.80
		100	0	26.68	26.90	26.53	26.65	26.60	26.60	25.54	25.83	25.54	25.91	25.85	25.88
	64QAM	1	0	25.00	25.04	25.12	25.02	25.04	25.01	24.08	24.12	23.86	24.37	24.44	24.45
		1	1	26.09	26.17	26.14	26.08	26.13	26.18	25.11	24.89	25.15	25.33	25.43	25.34
		1	104	26.01	25.73	26.00	26.12	25.91	26.00	24.89	25.00	25.15	25.08	25.32	25.47
		1	105	25.08	25.10	25.09	25.13	25.01	25.05	24.16	24.14	24.13	24.14	24.32	24.46
		50	25	26.02	26.20	26.11	26.09	26.06	26.13	25.07	25.10	25.05	25.34	25.50	25.40
		100	0	26.04	25.98	26.04	26.12	26.21	26.17	25.09	25.40	25.12	25.39	25.39	25.34
	256QAM	1	0	24.05	24.07	24.03	24.00	23.80	24.03	23.02	23.16	22.88	23.42	23.13	23.30
		1	1	24.15	23.87	23.75	24.13	23.72	24.11	23.11	23.06	22.82	23.37	23.13	23.46
		1	104	24.01	23.92	24.03	23.74	23.82	24.05	22.88	23.13	23.04	23.10	23.39	23.45
		1	105	24.09	24.18	24.00	24.06	24.16	24.12	22.90	23.05	23.09	23.03	23.44	23.42
		50	25	24.13	24.15	24.10	24.15	24.05	24.19	23.03	23.20	23.10	23.32	23.50	23.40
		100	0	24.14	24.41	24.16	24.01	24.11	24.05	23.07	23.01	23.17	23.37	23.24	23.37

OUTPUT POWER FOR 5G NR n41 (45.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 2			ANT 1			ANT 4			ANT 3		
				504504	519000	533496	504504	519000	533496	504504	519000	533496	504504	519000	533496
45.0	BPSK	1	0	25.14	25.02	24.85	25.05	24.84	25.17	24.05	24.12	24.04	24.49	24.02	24.37
		1	1	28.64	28.63	28.53	28.66	28.57	28.59	27.62	27.54	27.58	27.88	27.64	27.97
		1	117	28.24	28.55	28.50	28.21	28.61	28.63	27.24	27.26	27.64	27.73	27.98	27.86
		1	118	24.83	25.18	25.19	25.09	25.04	25.12	24.07	24.11	24.02	24.31	24.10	24.44
		54	27	28.66	28.70	28.63	28.55	28.70	28.55	27.52	27.70	27.52	27.86	27.94	27.81
		108	0	24.94	27.86	28.04	24.68	28.06	28.08	23.19	27.32	27.18	23.13	27.47	27.33
	QPSK	1	0	25.19	25.18	24.87	25.02	24.74	25.07	24.00	23.72	23.81	24.35	24.17	24.31
		1	1	28.54	28.58	28.21	28.69	28.61	28.69	27.51	27.51	27.25	27.80	27.87	27.70
		1	117	28.67	28.65	28.50	28.63	28.25	28.60	27.56	27.54	27.68	27.86	27.85	27.88
		1	118	25.01	25.08	25.12	24.86	24.84	25.10	24.02	23.95	24.14	24.40	24.18	24.46
		54	27	28.57	28.70	28.69	28.56	28.50	28.58	27.65	27.56	27.63	27.89	27.87	27.99
		108	0	24.99	27.55	27.21	24.53	27.72	27.69	23.17	26.78	26.65	23.04	26.83	26.98
	16QAM	1	0	25.12	24.83	25.04	25.00	25.17	25.11	24.01	24.03	24.02	24.43	24.48	24.05
		1	1	27.54	27.68	27.66	27.66	27.66	27.59	26.60	26.56	26.57	26.90	26.92	26.92
		1	117	27.55	27.37	27.60	27.54	27.67	27.56	26.27	26.67	26.57	26.56	26.66	26.93
		1	118	25.19	24.89	25.06	24.85	25.06	25.00	24.09	23.81	24.03	24.36	24.02	24.37
		54	27	27.50	27.49	27.51	27.62	27.70	27.59	26.57	26.61	26.53	26.84	27.00	26.94
		108	0	24.96	26.78	26.69	24.60	26.34	26.51	23.23	25.48	25.54	23.02	25.99	25.95
	64QAM	1	0	25.10	24.91	24.87	25.03	25.10	25.05	24.19	24.16	24.13	24.34	24.12	24.34
		1	1	26.18	25.75	26.07	26.14	26.02	25.72	25.06	24.71	25.01	25.44	25.34	25.10
		1	117	26.17	26.09	26.06	25.93	26.15	26.19	24.73	25.00	25.13	25.34	25.02	25.48
		1	118	24.89	25.08	25.11	25.05	25.15	25.01	24.18	24.17	24.15	24.44	24.49	24.35
		54	27	26.18	26.13	26.12	26.07	26.20	26.08	25.06	25.20	25.08	25.34	25.41	25.38
		108	0	24.90	26.31	26.17	24.68	26.23	26.13	23.29	24.74	25.13	23.02	25.50	25.44
	256QAM	1	0	24.03	24.04	24.01	24.06	24.15	24.00	23.17	22.82	23.01	23.43	23.37	23.46
		1	1	24.17	24.17	24.01	24.12	24.02	24.13	23.13	23.04	23.16	23.46	23.38	23.39
		1	117	23.93	24.09	24.09	24.17	24.04	24.17	23.08	22.91	23.13	23.10	23.36	23.35
		1	118	24.13	24.16	24.03	23.83	23.70	24.06	23.09	23.00	23.13	23.34	23.36	23.32
		54	27	24.03	24.20	24.12	24.08	24.17	24.02	23.14	23.00	23.04	23.44	23.50	23.33
		108	0	24.91	24.04	24.10	24.58	24.34	24.02	23.10	23.25	23.04	23.16	23.54	23.42

OUTPUT POWER FOR 5G NR n41 (50.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 2			ANT 1			ANT 4			ANT 3		
				505002	519000	532998	505002	519000	532998	505002	519000	532998	505002	519000	532998
50.0	BPSK	1	0	25.07	25.01	25.17	25.00	25.13	25.15	24.19	24.00	24.13	24.39	24.36	24.47
		1	1	28.60	28.53	28.56	28.59	28.29	28.59	27.69	27.57	27.29	27.82	27.98	27.98
		1	131	28.26	28.58	28.52	28.35	28.20	28.57	27.31	27.20	27.52	27.61	27.82	27.81
		1	132	25.00	25.09	25.12	25.08	25.04	25.18	24.03	24.16	24.14	24.44	24.05	24.48
		64	32	28.61	28.70	28.53	28.59	28.67	28.58	27.59	27.70	27.69	27.81	28.00	27.82
		128	0	28.09	27.88	28.05	28.15	28.15	28.09	27.02	26.74	27.11	27.37	27.22	27.46
	QPSK	1	0	25.13	25.17	25.17	25.12	24.70	25.19	24.15	23.76	23.83	24.34	24.48	24.40
		1	1	28.50	28.30	28.60	28.59	28.67	28.63	27.63	27.23	27.41	27.91	27.88	27.99
		1	131	28.62	28.60	28.64	28.21	28.28	28.57	27.24	27.62	27.57	27.97	27.91	27.92
		1	132	24.74	25.08	25.06	24.72	24.93	25.18	24.13	24.01	24.09	24.07	24.46	24.44
		64	32	28.61	28.70	28.62	28.66	28.59	28.59	27.64	27.69	27.56	27.96	28.00	27.94
		128	0	27.64	27.64	27.58	27.51	27.72	27.60	26.66	26.59	26.58	26.88	26.97	26.80
	16QAM	1	0	25.05	25.05	25.08	25.00	25.15	25.05	24.08	24.12	23.79	24.45	24.44	24.40
		1	1	27.69	27.41	27.53	27.59	27.22	27.63	26.61	26.64	26.50	26.97	26.90	26.88
		1	131	27.27	27.67	27.58	27.30	27.24	27.53	26.38	26.55	26.50	26.99	26.80	26.91
		1	132	25.13	24.88	25.05	24.92	25.06	25.09	23.91	24.12	24.07	24.13	24.12	24.38
		64	32	27.59	27.63	27.57	27.50	27.59	27.67	26.61	26.70	26.61	26.97	26.95	26.81
		128	0	26.59	26.88	26.20	26.56	26.68	26.57	25.61	25.50	25.64	25.94	25.94	25.83
	64QAM	1	0	25.16	25.10	24.75	25.16	25.07	25.15	24.02	23.73	23.87	24.40	24.30	24.40
		1	1	26.08	25.93	26.06	26.01	25.92	26.17	25.13	25.19	25.06	25.42	25.21	25.11
		1	131	26.02	26.14	26.07	26.15	25.91	26.08	25.18	24.78	25.04	25.48	25.07	25.39
		1	132	24.81	25.12	25.09	24.87	24.91	25.01	24.13	23.72	24.13	24.07	24.37	24.38
		64	32	26.18	25.97	26.14	26.13	26.18	26.07	25.08	25.20	25.01	25.43	25.30	25.30
		128	0	26.05	26.20	26.19	26.02	26.11	26.18	25.04	24.95	25.17	25.46	25.47	25.31
	256QAM	1	0	24.12	23.85	24.00	24.00	23.83	24.01	23.05	22.78	23.07	23.45	23.33	23.42
		1	1	24.18	24.19	24.03	24.09	24.09	24.15	23.02	23.18	22.91	23.49	23.25	23.31
		1	131	23.80	23.83	24.07	23.92	24.14	24.19	23.10	23.08	23.14	23.14	23.33	23.49
		1	132	23.90	24.02	24.02	23.72	23.89	24.17	23.05	22.75	23.07	23.08	23.22	23.49
		64	32	24.00	24.14	24.07	24.13	24.20	24.11	23.02	23.13	23.09	23.34	23.41	23.34
		128	0	24.01	24.16	24.00	24.16	24.20	24.09	23.06	23.16	23.02	23.47	23.25	23.30

OUTPUT POWER FOR 5G NR n41 (60.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 2			ANT 1			ANT 4			ANT 3		
				506004	519000	531996	506004	519000	531996	506004	519000	531996	506004	519000	531996
60.0	BPSK	1	0	25.30	25.95	26.60	25.30	25.95	26.60	25.30	25.95	26.60	25.30	25.95	26.60
		1	1	28.55	28.53	28.36	28.53	28.68	28.23	27.57	27.40	27.51	27.90	27.54	27.81
		1	160	28.56	28.30	28.59	28.51	28.67	28.66	27.67	27.62	27.61	27.83	27.88	27.94
		1	161	25.10	24.84	25.09	25.16	25.19	25.06	24.11	23.91	24.18	24.08	24.15	24.43
		81	40	28.51	28.70	28.59	28.63	28.70	28.69	27.62	27.70	27.51	27.98	27.87	27.80
		162	0	28.14	28.07	28.18	28.09	27.99	28.09	27.19	27.09	27.05	27.31	27.74	27.33
	QPSK	1	0	25.12	24.72	24.78	25.17	25.02	25.12	24.08	24.04	23.74	24.30	24.44	24.32
		1	1	28.61	28.64	28.67	28.63	28.68	28.56	27.51	27.69	27.30	27.95	27.52	27.51
		1	160	28.61	28.44	28.53	28.63	28.67	28.56	27.54	27.52	27.59	27.58	27.55	27.96
		1	161	24.71	24.81	25.13	25.16	25.02	25.12	24.07	24.19	24.15	24.37	24.37	24.48
		81	40	28.54	28.49	28.60	28.64	28.70	28.65	27.50	27.54	27.60	27.94	28.00	27.88
		162	0	27.50	27.81	27.59	27.52	27.72	27.68	26.52	26.59	26.56	26.83	27.05	26.89
	16QAM	1	0	25.00	24.71	25.03	25.11	24.82	25.08	24.13	23.77	24.18	24.30	24.13	24.46
		1	1	27.51	27.43	27.52	27.65	27.61	27.66	26.61	26.56	26.32	26.91	26.58	26.94
		1	160	27.66	27.22	27.50	27.37	27.21	27.61	26.28	26.27	26.59	26.82	26.84	26.88
		1	161	25.14	24.78	25.15	25.02	24.77	25.12	24.14	23.80	24.08	24.43	24.14	24.47
		81	40	27.55	27.59	27.64	27.65	27.47	27.57	26.63	26.63	26.59	26.91	27.00	26.84
		162	0	26.51	26.55	26.56	26.51	26.49	26.68	25.63	25.58	25.59	25.87	25.95	25.89
	64QAM	1	0	25.15	25.19	25.12	25.12	25.00	25.17	24.17	24.08	23.71	24.49	24.14	24.40
		1	1	26.13	25.78	25.79	26.00	25.80	25.82	25.02	25.11	25.06	25.34	25.04	25.47
		1	160	26.11	25.77	26.08	26.12	25.94	26.12	25.18	24.80	25.17	25.38	25.46	25.38
		1	161	25.06	25.18	25.07	25.12	24.73	25.08	24.13	24.15	24.09	24.00	24.35	24.48
		81	40	26.09	26.20	26.05	26.02	26.08	26.07	25.00	25.20	25.19	25.48	25.38	25.43
		162	0	26.10	26.02	26.04	26.03	26.11	26.14	25.00	25.13	25.09	25.48	25.63	25.32
	256QAM	1	0	24.10	24.00	23.76	24.17	23.87	24.07	23.12	23.15	23.12	23.39	23.31	23.01
		1	1	24.01	23.77	23.82	24.16	23.74	24.00	23.07	23.17	22.80	23.48	23.02	23.47
		1	160	24.13	24.17	24.12	23.74	23.70	24.00	23.01	22.74	23.16	23.33	23.08	23.43
		1	161	24.00	24.15	24.01	24.14	24.12	24.13	23.14	23.07	23.17	23.48	23.44	23.38
		81	40	24.00	24.12	24.19	24.11	24.10	24.16	23.06	23.20	23.09	23.37	23.50	23.46
		162	0	24.13	24.08	24.03	24.18	24.12	24.16	23.02	23.15	23.01	23.31	23.45	23.46

OUTPUT POWER FOR 5G NR n41 (70.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 2			ANT 1			ANT 4			ANT 3		
				507000	519000	531000	507000	519000	531000	507000	519000	531000	507000	519000	531000
70.0	BPSK	1	0	25.08	25.09	24.91	25.10	25.16	25.00	24.03	23.78	24.13	24.32	24.10	24.07
		1	1	28.54	28.59	28.38	28.50	28.52	28.66	27.51	27.50	27.65	27.97	27.98	27.92
		1	187	28.22	28.39	28.64	28.69	28.68	28.56	27.20	27.61	27.63	27.61	27.93	27.97
		1	188	24.73	25.08	25.16	24.75	25.04	25.10	23.76	23.92	24.17	24.00	24.05	24.48
		90	45	28.66	28.70	28.61	28.68	28.70	28.62	27.52	27.64	27.52	27.96	28.00	27.84
		180	0	28.02	28.19	28.02	28.02	28.02	28.06	27.13	26.95	27.11	27.42	27.31	27.46
	QPSK	1	0	25.14	24.71	25.05	25.09	24.81	25.19	24.03	24.16	23.83	24.35	24.05	24.42
		1	1	28.53	28.61	28.66	28.63	28.57	28.58	27.56	27.65	27.33	27.92	27.85	27.83
		1	187	28.56	28.59	28.52	28.58	28.56	28.67	27.38	27.52	27.56	27.88	27.83	27.99
		1	188	25.17	25.07	25.10	25.03	25.01	25.14	24.06	24.05	24.00	24.14	24.41	24.34
		90	45	28.58	28.70	28.63	28.50	28.65	28.53	27.57	27.70	27.62	27.96	28.00	27.87
		180	0	27.63	27.72	27.66	27.62	27.59	27.53	26.64	26.68	26.55	26.83	26.94	26.86
	16QAM	1	0	25.09	24.88	24.83	25.15	25.16	25.03	24.03	24.01	23.72	24.36	24.34	24.40
		1	1	27.50	27.52	27.51	27.54	27.37	27.54	26.50	26.63	26.68	26.84	26.94	26.91
		1	187	27.51	27.25	27.67	27.53	27.59	27.60	26.28	26.61	26.51	26.94	26.90	26.91
		1	188	24.72	25.01	25.16	24.83	25.04	24.08	24.17	24.04	24.42	24.36	24.49	
		90	45	27.61	27.63	27.59	27.53	27.46	27.55	26.60	26.70	26.69	26.83	27.00	26.82
		180	0	26.67	26.83	26.65	26.61	26.79	26.55	25.69	25.31	25.56	25.84	26.01	25.92
	64QAM	1	0	25.07	25.03	25.15	25.02	25.06	25.04	24.15	24.01	24.14	24.38	24.40	24.31
		1	1	26.06	25.73	26.04	26.06	26.15	26.15	25.14	25.10	25.07	25.45	25.45	25.43
		1	187	26.01	25.78	26.03	26.04	25.84	26.00	25.14	25.13	25.13	25.49	25.38	25.33
		1	188	24.76	25.03	25.13	25.00	25.09	25.18	24.10	24.09	24.18	24.42	24.16	24.47
		90	45	26.19	26.20	26.12	26.09	26.20	26.02	25.17	25.20	25.06	25.43	25.43	25.44
		180	0	26.17	25.97	26.13	26.09	26.20	26.01	25.17	25.15	25.07	25.31	25.56	25.31
	256QAM	1	0	24.05	24.16	24.16	24.18	24.01	24.01	23.13	23.10	22.70	23.41	23.30	23.46
		1	1	24.19	24.05	24.01	24.01	24.15	24.03	23.14	22.70	23.11	23.32	23.33	23.49
		1	187	23.95	24.03	24.06	24.18	24.09	24.19	23.18	23.01	23.16	23.40	23.43	23.31
		1	188	24.08	24.01	24.01	23.89	23.79	24.03	23.06	23.03	23.19	23.43	23.49	23.32
		90	45	24.05	24.20	24.06	24.07	24.17	24.19	23.02	23.20	23.07	23.37	23.50	23.46
		180	0	24.00	23.89	24.10	24.02	24.29	24.02	23.15	22.84	23.10	23.37	23.29	23.46

OUTPUT POWER FOR 5G NR n41 (80.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 2			ANT 1			ANT 4			ANT 3		
				508002	519000	529998	508002	519000	529998	508002	519000	529998	508002	519000	529998
80.0	BPSK	1	0	25.01	25.10	25.18	25.02	24.82	25.18	24.09	24.16	24.03	24.35	24.11	24.35
		1	1	28.57	28.62	28.34	28.61	28.35	28.65	27.52	27.41	27.57	27.97	27.68	27.81
		1	215	28.42	28.24	28.66	28.31	28.67	28.65	27.55	27.22	27.67	27.56	27.95	27.94
		1	216	25.19	25.05	25.12	24.82	24.71	25.16	23.75	24.13	24.11	24.37	24.45	24.44
		108	54	28.57	28.70	28.55	28.57	28.70	28.53	27.59	27.70	27.61	27.96	27.88	27.88
		216	0	28.12	28.10	28.18	28.11	27.94	28.14	27.05	26.94	27.10	27.41	27.52	27.49
	QPSK	1	0	25.18	25.04	25.14	25.12	24.91	24.79	24.16	24.18	23.77	24.41	24.03	24.06
		1	1	28.69	28.69	28.52	28.63	28.39	28.39	27.69	27.59	27.28	27.89	27.58	27.71
		1	215	28.53	28.67	28.56	28.43	28.63	28.54	27.54	27.54	27.58	27.95	27.82	27.88
		1	216	25.02	25.11	25.17	24.84	24.74	25.19	24.09	24.11	24.14	24.37	24.37	24.33
		108	54	28.59	28.70	28.69	28.67	28.70	28.55	27.51	27.70	27.52	27.92	27.94	27.90
		216	0	27.52	27.49	27.58	27.64	27.51	27.56	26.68	26.44	26.50	26.98	27.06	26.87
	16QAM	1	0	25.15	25.10	25.01	25.12	25.16	24.76	24.11	24.05	24.02	24.34	24.07	24.08
		1	1	27.56	27.24	27.20	27.59	27.61	27.26	26.55	26.57	26.62	26.89	26.65	26.90
		1	215	27.54	27.26	27.68	27.44	27.69	27.52	26.28	26.64	26.65	26.84	26.82	26.90
		1	216	25.00	24.84	25.05	24.76	25.09	25.09	23.84	24.09	24.10	24.49	24.11	24.43
		108	54	27.56	27.70	27.56	27.59	27.70	27.68	26.53	26.70	26.66	26.97	26.95	26.83
		216	0	26.52	26.60	26.56	26.53	26.36	26.69	25.56	25.56	25.51	25.95	25.89	25.95
	64QAM	1	0	25.03	25.04	25.17	25.16	25.07	25.14	24.03	24.18	24.11	24.39	24.05	24.12
		1	1	26.18	26.10	26.16	26.07	26.12	26.12	25.07	24.87	25.02	25.30	25.47	25.44
		1	215	25.88	25.94	26.07	26.08	26.04	26.14	25.03	24.77	25.09	25.38	25.11	25.42
		1	216	25.17	25.07	25.07	25.05	25.03	25.06	24.15	23.71	24.09	24.32	24.09	24.35
		108	54	26.09	26.05	26.02	26.06	26.15	26.16	25.18	25.08	25.16	25.34	25.44	25.46
		216	0	25.74	26.25	26.13	26.17	26.16	26.00	25.19	24.97	25.17	25.39	25.43	25.35
	256QAM	1	0	24.11	23.80	24.10	24.17	24.09	24.00	23.13	22.74	23.09	23.32	23.36	23.44
		1	1	24.00	23.92	24.06	24.19	23.83	24.18	23.04	23.17	22.76	23.30	23.46	23.30
		1	215	24.14	23.86	24.19	23.87	24.09	24.17	23.07	23.12	23.03	23.05	23.40	23.31
		1	216	24.13	23.89	24.08	23.87	24.07	24.10	23.14	22.72	23.01	23.18	23.49	23.49
		108	54	24.08	23.97	24.06	24.03	24.20	24.08	23.02	23.20	23.19	23.45	23.50	23.36
		216	0	24.02	23.96	24.06	24.16	24.26	24.04	23.02	23.19	23.14	23.46	23.21	23.34

OUTPUT POWER FOR 5G NR n41 (90.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 2			ANT 1			ANT 4			ANT 3		
				509004	519000	528996	509004	519000	528996	509004	519000	528996	509004	519000	528996
90.0	BPSK	1	0	25.08	25.07	25.18	25.04	25.16	25.09	24.10	23.84	24.12	24.31	24.44	24.42
		1	1	28.68	28.68	28.20	28.58	28.40	28.62	27.68	27.57	27.68	27.94	27.74	27.66
		1	243	28.36	28.63	28.58	28.65	28.55	28.64	27.53	27.28	27.52	27.59	27.87	27.88
		1	244	24.85	24.88	25.06	25.01	25.13	25.17	23.74	24.09	24.08	24.40	24.21	24.32
		120	60	28.65	28.65	28.67	28.61	28.50	28.65	27.65	27.45	27.51	27.90	27.84	27.98
		243	0	26.13	28.37	28.01	26.08	28.22	28.16	25.09	26.99	27.17	25.33	27.26	27.40
	QPSK	1	0	25.15	25.12	24.94	25.09	24.77	24.79	24.14	23.80	24.00	24.45	24.47	24.41
		1	1	28.53	28.63	28.53	28.59	28.34	28.35	27.68	27.23	27.20	27.93	27.83	27.81
		1	243	28.33	28.51	28.59	28.52	28.36	28.66	27.24	27.35	27.56	27.93	27.88	27.82
		1	244	25.12	24.76	25.02	24.75	25.13	25.05	23.82	23.94	24.10	24.42	24.18	24.42
		120	60	28.69	28.70	28.66	28.64	28.56	28.60	27.69	27.53	27.66	27.97	27.92	27.89
		243	0	26.08	27.84	27.61	26.06	27.46	27.60	25.19	26.59	26.50	25.38	27.17	26.90
	16QAM	1	0	25.01	25.10	24.73	25.13	25.12	25.07	24.04	24.09	24.09	24.38	24.34	24.02
		1	1	27.59	27.40	27.68	27.65	27.21	27.58	26.65	26.63	26.61	26.88	26.87	26.55
		1	243	27.65	27.32	27.55	27.54	27.54	27.65	26.27	26.28	26.66	26.52	26.83	26.92
		1	244	25.03	25.05	25.13	25.11	25.13	25.06	24.04	24.05	24.13	24.19	24.10	24.32
		120	60	27.63	27.67	27.51	27.69	27.54	27.63	26.51	26.70	26.65	26.92	27.00	26.88
		243	0	26.01	26.47	26.61	26.09	26.62	26.67	25.15	25.73	25.58	25.39	26.03	25.87
	64QAM	1	0	25.15	25.02	25.16	25.09	25.05	25.18	24.11	24.04	24.09	24.30	24.40	24.46
		1	1	26.00	26.04	26.18	26.08	26.12	26.14	25.09	25.07	25.19	25.32	25.32	25.39
		1	243	26.11	26.18	26.17	25.90	26.09	26.15	25.18	25.17	25.06	25.03	25.48	25.39
		1	244	25.02	25.09	25.09	24.79	25.14	25.08	24.15	24.08	24.04	24.45	24.15	24.33
		120	60	26.13	26.20	26.15	26.08	26.20	26.01	25.00	25.20	25.04	25.40	25.50	25.33
		243	0	26.15	26.01	26.14	26.11	25.89	26.02	25.05	24.83	25.14	25.40	25.66	25.36
	256QAM	1	0	24.15	24.00	24.00	24.10	24.11	24.12	23.05	23.09	22.73	23.49	23.32	23.42
		1	1	24.05	24.02	24.19	24.17	24.09	23.80	23.08	23.10	22.80	23.42	23.40	23.38
		1	243	24.02	24.12	24.17	23.80	23.85	24.09	22.90	23.09	23.16	23.17	23.33	23.44
		1	244	24.13	24.15	24.05	24.05	24.01	24.01	23.16	22.86	23.09	23.13	23.02	23.40
		120	60	24.05	24.20	24.02	24.19	24.04	24.02	23.14	23.08	23.09	23.35	23.50	23.34
		243	0	26.04	24.00	24.03	26.14	24.11	24.18	25.07	22.96	23.05	25.43	23.43	23.38

OUTPUT POWER FOR 5G NR n41 (100.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 2			ANT 1			ANT 4			ANT 3		
				501000	519000	528000	501000	519000	528000	501000	519000	528000	501000	519000	528000
100.0	BPSK	1	0	25.19	24.82	25.15	25.13	24.83	25.01	24.03	24.14	24.02	24.46	24.48	24.34
		1	1	28.56	28.55	28.59	28.50	28.29	28.21	27.62	27.29	27.67	27.89	27.59	27.99
		1	271	28.39	28.40	28.62	28.69	28.35	28.59	27.65	27.45	27.69	27.73	27.83	27.97
		1	272	24.90	25.08	25.11	25.17	24.72	25.02	24.07	24.19	24.12	24.31	24.38	24.34
		135	67	28.52	28.51	28.57	28.69	28.70	28.57	27.59	27.66	27.57	27.83	28.00	27.93
		270	0	25.66	27.97	28.13	25.67	27.99	28.04	24.55	26.95	27.08	24.96	27.44	27.31
	QPSK	1	0	25.11	25.17	25.17	25.18	25.06	25.08	24.12	24.16	23.94	24.35	24.40	24.45
		1	1	28.52	28.31	28.55	28.55	28.32	28.50	27.50	27.26	27.58	27.82	27.57	27.98
		1	271	28.64	28.53	28.52	28.58	28.28	28.65	27.62	27.68	27.55	27.89	27.86	27.85
		1	272	25.06	24.78	25.13	25.04	24.73	25.16	24.05	24.19	24.17	24.44	24.08	24.30
		135	67	28.69	28.70	28.69	28.52	28.70	28.69	27.50	27.63	27.61	27.88	27.85	27.87
		270	0	25.59	27.90	27.62	25.67	27.58	27.54	24.53	26.50	26.56	24.95	27.06	26.82
	16QAM	1	0	25.05	25.01	25.10	25.10	25.13	25.05	24.17	24.14	24.01	24.35	24.43	24.36
		1	1	27.65	27.43	27.67	27.61	27.24	27.69	26.63	26.58	26.30	26.85	26.94	26.81
		1	271	27.63	27.37	27.50	27.51	27.55	27.55	26.57	26.64	26.66	26.94	26.81	26.95
		1	272	24.75	24.75	25.14	24.80	24.71	25.19	24.06	24.15	24.17	24.43	24.46	24.41
		135	67	27.54	27.50	27.63	27.53	27.70	27.52	26.50	26.70	26.63	26.96	27.00	26.93
		270	0	25.54	26.51	26.59	25.53	26.43	26.56	24.54	25.40	25.59	24.92	25.62	25.90
	64QAM	1	0	25.19	24.83	24.93	25.05	24.87	25.16	24.12	24.03	23.72	24.45	24.45	24.45
		1	1	26.14	25.81	25.90	26.08	25.91	26.00	25.13	25.06	25.03	25.39	25.10	25.25
		1	271	26.10	26.04	26.04	25.90	25.82	26.15	25.19	25.08	25.17	25.37	25.46	25.46
		1	272	25.16	25.12	25.13	25.18	25.03	25.06	23.94	23.74	24.04	24.32	24.21	24.39
		135	67	26.06	26.00	26.11	26.15	26.20	26.12	25.18	25.12	25.01	25.46	25.50	25.34
		270	0	25.54	26.19	26.04	25.62	26.34	26.14	24.57	25.29	25.18	24.99	25.29	25.39
	256QAM	1	0	24.06	24.07	24.12	24.16	24.01	24.12	23.18	22.77	23.09	23.30	23.03	23.10
		1	1	24.18	24.01	24.06	24.16	23.72	24.14	23.15	22.93	22.78	23.42	23.30	23.40
		1	271	24.05	24.10	24.13	23.71	24.08	24.01	22.75	22.88	23.02	23.06	23.42	23.37
		1	272	24.15	24.10	24.05	24.03	24.10	24.09	22.79	23.17	23.02	23.04	23.34	23.32
		135	67	24.12	24.20	24.14	24.03	24.20	24.05	23.01	23.14	23.01	23.31	23.50	23.41
		270	0	25.55	24.14	24.07	25.55	23.99	24.07	24.65	23.23	23.11	24.99	23.53	23.35

8.9. ULCA LTE BAND 41 (IC)

Test Engineer ID:	12482	Test Date:	2025-03-08
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OUTPUT POWER FOR ULCA LTE BAND 41 (5.0MHz + 20.0MHz)

Bandwidth	PCC Frequency (MHz)	SCC1 Frequency (MHz)	PCC RB	PCC RB	SCC1 RB	SCC1 RB	Conducted Average (dBm)															
			Size	Offset	Size	Offset	ANT 1				ANT 2				ANT 3				ANT 4			
							QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
5MHz / 20MHz	2503.3	2515.0	1	24	1	0	22.70	22.68	22.70	22.68	22.91	22.96	22.97	22.99	21.13	21.16	21.16	21.14	21.30	21.24	21.27	21.26
			25	0	100	0	22.70	22.68	22.70	22.62	22.97	22.97	22.96	22.97	21.20	21.14	21.19	21.20	21.30	21.22	21.23	21.28
	2585.8	2597.5	1	24	1	0	28.50	27.14	26.63	23.69	28.67	27.16	26.59	23.67	27.99	26.41	25.91	22.99	27.68	26.15	25.66	22.69
			25	0	100	0	26.67	25.65	25.64	23.69	26.64	25.66	25.64	23.64	25.96	24.98	25.00	22.99	25.69	24.64	24.65	22.63
	2668.3	2680.0	1	24	1	0	27.64	26.11	25.70	22.63	27.94	26.48	25.95	22.95	26.92	25.44	24.97	21.96	26.30	24.78	24.21	21.25
			25	0	100	0	25.68	24.61	24.61	22.61	25.91	24.95	25.00	22.95	24.92	23.95	23.99	21.97	24.22	23.26	23.26	21.24

OUTPUT POWER FOR ULCA LTE BAND 41 (20.0MHz + 5.0MHz)

Bandwidth	PCC Frequency Frequency (MHz)	SCC1 Frequency Frequency (MHz)	PCC RB Size	PCC RB Offset	SCC1 RB Size	SCC1 RB Offset	Conducted Average (dBm)															
							ANT 1				ANT 2				ANT 3				ANT 4			
							QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
20MHz / 5MHz	2510.0	2521.7	1	99	1	0	26.62	26.12	26.11	22.63	26.98	26.42	26.26	22.99	25.16	24.67	24.68	21.13	25.29	24.77	24.44	21.24
			100	0	25	0	22.63	22.67	22.70	22.70	22.96	22.99	22.96	22.94	21.11	21.20	21.14	21.14	21.30	21.23	21.26	21.27
	2592.5	2604.2	1	99	1	0	28.28	27.16	26.62	23.68	28.29	27.18	26.63	23.67	27.95	26.46	25.95	22.91	27.67	26.11	25.70	22.67
			100	0	25	0	26.67	25.65	25.67	23.66	26.67	25.63	25.70	23.61	25.93	24.94	25.00	22.96	25.64	24.69	24.61	22.64
	2675.0	2686.7	1	99	1	0	27.67	26.14	25.62	22.62	27.93	26.50	25.98	22.99	26.97	25.46	24.94	21.96	26.29	24.72	24.26	21.25
			100	0	25	0	25.66	24.66	24.67	22.68	25.91	24.97	24.93	22.99	24.92	23.93	23.98	21.93	24.27	23.30	23.27	21.23

OUTPUT POWER FOR ULCA LTE BAND 41 (10.0MHz + 20.0MHz)

Bandwidth	PCC Frequency Frequency (MHz)	SCC1 Frequency Frequency (MHz)	PCC RB Size	PCC RB Offset	SCC1 RB Size	SCC1 RB Offset	Conducted Average (dBm)															
							ANT 1				ANT 2				ANT 3				ANT 4			
							QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
10MHz / 20MHz	2505.5	2519.9	1	49	1	0	22.61	22.68	22.63	22.68	22.91	22.96	22.95	22.95	21.13	21.17	21.17	21.12	21.21	21.23	21.25	21.29
			50	0	100	0	22.64	22.67	22.61	22.61	22.94	22.97	22.96	22.98	21.15	21.15	21.20	21.19	21.25	21.26	21.27	21.29
	2585.6	2600.0	1	49	1	0	28.49	27.18	26.68	23.63	28.39	27.13	26.42	23.66	27.99	26.44	25.92	22.92	27.69	26.13	25.61	22.63
			50	0	100	0	26.66	25.69	25.69	23.69	26.67	25.68	25.63	23.67	25.93	24.95	24.91	22.96	25.61	24.64	24.67	22.63
	2665.6	2680.0	1	49	1	0	27.63	26.14	25.61	22.69	27.93	26.43	25.99	22.95	26.97	25.50	24.91	21.91	26.24	24.79	24.22	21.21
			50	0	100	0	25.67	24.68	24.69	22.60	25.92	24.99	24.95	22.95	24.94	23.95	24.00	21.96	24.21	23.21	23.26	21.24

OUTPUT POWER FOR ULCA LTE BAND 41 (20.0MHz + 10.0MHz)

Bandwidth	PCC Frequency (MHz)	SCC1 Frequency (MHz)	PCC RB Size	PCC RB Offset	SCC1 RB Size	SCC1 RB Offset	Conducted Average (dBm)															
							ANT 1				ANT 2				ANT 3				ANT 4			
							QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
20MHz / 10MHz	2510.0	2524.4	1	99	1	0	26.62	26.12	26.15	22.62	26.91	26.42	26.24	22.91	25.14	24.63	24.65	21.20	25.26	24.74	24.39	21.28
			100	0	50	0	22.64	22.61	22.64	22.69	22.99	23.00	22.98	22.96	21.17	21.19	21.13	21.15	21.22	21.26	21.29	21.27
	2590.1	2604.4	1	99	1	0	28.33	27.19	26.69	23.65	28.34	27.18	26.64	23.64	27.94	26.49	25.92	22.95	27.69	26.11	25.69	22.61
			100	0	50	0	26.62	25.66	25.70	23.69	26.68	25.67	25.63	23.64	25.97	24.95	24.91	22.91	25.70	24.65	24.67	22.68
	2670.1	2684.5	1	99	1	0	27.63	26.18	25.69	22.69	27.94	26.41	26.00	22.98	26.91	25.45	24.92	22.00	26.25	24.72	24.27	21.26
			100	0	50	0	25.68	24.69	24.61	22.63	25.94	24.91	24.93	22.99	24.94	23.98	23.93	21.98	24.28	23.21	23.25	21.24

OUTPUT POWER FOR ULCA LTE BAND 41 (15.0MHz + 15.0MHz)

Bandwidth	PCC Frequency (MHz)	SCC1 Frequency (MHz)	PCC RB Size	PCC RB Offset	SCC1 RB Size	SCC1 RB Offset	Conducted Average (dBm)															
							ANT 1				ANT 2				ANT 3				ANT 4			
							QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
15MHz / 15MHz	2507.5	2522.5	1	74	1	0	27.62	26.11	25.68	22.66	27.89	26.43	25.95	22.99	26.18	24.67	24.20	21.15	26.29	24.77	24.28	21.24
			75	0	75	0	22.61	22.69	22.63	22.63	22.93	22.96	22.98	22.99	21.17	21.20	21.14	21.15	21.23	21.26	21.29	21.30
	2587.5	2602.5	1	74	1	0	28.38	27.19	26.63	23.61	28.69	27.17	26.45	23.69	28.00	26.49	25.97	22.93	27.68	26.19	25.69	22.67
			75	0	75	0	26.62	25.69	25.69	23.62	26.63	25.68	25.61	23.65	25.94	24.99	24.94	22.93	25.69	24.64	24.68	22.67
	2667.5	2682.5	1	74	1	0	27.68	26.16	25.61	22.68	27.98	26.48	26.00	22.91	27.00	25.48	24.97	21.91	26.28	24.78	24.25	21.22
			75	0	75	0	25.63	24.70	24.64	22.61	25.91	24.96	24.99	22.97	24.94	23.99	23.94	21.95	24.27	23.24	23.25	21.24

OUTPUT POWER FOR ULCA LTE BAND 41 (15.0MHz + 20.0MHz)

Bandwidth	PCC Frequency (MHz)	SCC1 Frequency (MHz)	PCC RB Size	PCC RB Offset	SCC1 RB Size	SCC1 RB Offset	Conducted Average (dBm)															
							ANT 1				ANT 2				ANT 3				ANT 4			
							QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
15MHz / 20MHz	2507.8	2524.9	1	74	1	0	27.63	26.17	25.65	22.67	27.97	26.41	26.00	22.99	26.18	24.65	24.20	21.19	26.28	24.76	24.24	21.28
			75	0	100	0	22.65	22.65	22.67	22.66	22.93	22.99	22.99	22.91	21.16	21.11	21.14	21.15	21.27	21.23	21.28	21.29
	2585.3	2602.4	1	74	1	0	28.64	27.13	26.60	23.68	28.41	27.18	26.46	23.68	27.88	26.49	25.91	22.93	27.67	26.15	25.64	22.68
			75	0	100	0	26.65	25.69	25.65	23.64	26.70	25.66	25.64	23.68	25.94	24.99	24.93	22.91	25.62	24.68	24.62	22.64
	2662.9	2680.0	1	74	1	0	27.63	26.17	25.63	22.67	27.94	26.48	25.95	23.00	26.92	25.41	24.93	21.98	26.21	24.72	24.30	21.29
			75	0	100	0	25.64	24.62	24.65	22.66	25.98	24.94	24.99	22.96	24.92	23.97	23.91	21.98	24.24	23.30	23.23	21.22

OUTPUT POWER FOR ULCA LTE BAND 41 (20.0MHz + 15.0MHz)

Bandwidth	PCC Frequency (MHz)	SCC1 Frequency (MHz)	PCC RB		SCC1 RB		Conducted Average (dBm)															
			Size	Offset	Size	Offset	ANT 1				ANT 2				ANT 3				ANT 4			
							QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
20MHz / 15MHz	2510.0	2527.1	1	99	1	0	27.63	26.13	25.67	22.60	27.62	26.41	25.99	22.93	26.14	24.62	24.13	21.14	26.24	24.80	24.27	21.26
			100	0	75	0	22.62	22.64	22.61	22.69	22.95	22.93	22.99	22.98	21.20	21.13	21.16	21.17	21.25	21.21	21.27	21.26
			1	99	1	0	28.51	27.16	26.46	23.54	28.51	27.15	26.58	23.68	27.91	26.48	25.90	22.93	27.70	26.11	25.70	22.68
	2587.6	2604.7	100	0	75	0	26.61	25.64	25.68	23.55	26.63	25.66	25.63	23.65	25.93	25.00	25.00	22.91	25.61	24.67	24.68	22.61
			1	99	1	0	27.68	26.16	25.63	22.64	27.97	26.41	25.91	22.91	26.96	25.44	24.98	21.96	26.27	24.74	24.26	21.25
			100	0	75	0	25.67	24.62	24.67	22.67	25.92	24.98	25.00	22.96	24.91	23.98	23.93	21.91	24.24	23.30	23.30	21.23

OUTPUT POWER FOR ULCA LTE BAND 41 (20.0MHz + 20.0MHz)

Bandwidth	PCC Frequency (MHz)	SCC1 Frequency (MHz)	PCC RB		SCC1 RB		Conducted Average (dBm)															
			Size	Offset	Size	Offset	ANT 1				ANT 2				ANT 3				ANT 4			
							QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
20MHz/ 20MHz	2510.0	2529.8	1	99	1	0	27.62	26.14	25.69	22.64	28.00	26.44	25.99	22.92	26.11	24.68	24.14	21.12	26.25	24.72	24.21	21.24
			1	0	1	99	14.64	14.68	14.61	14.62	14.95	14.97	14.96	14.91	13.11	13.15	13.11	13.14	13.30	13.22	13.29	13.25
			100	0	100	0	22.63	22.67	22.70	22.62	22.99	22.92	23.00	22.99	21.18	21.17	21.13	21.13	21.21	21.24	21.30	21.30
			1	99	1	0	28.57	27.17	26.66	23.61	28.63	27.15	26.66	23.61	27.95	26.43	25.92	22.95	27.65	26.11	25.61	22.61
	2585.1	2604.9	1	99	1	99	20.16	20.15	20.18	20.12	20.11	20.17	20.14	20.16	19.44	19.48	19.47	19.46	19.11	19.13	19.19	19.12
			100	0	100	0	26.61	25.61	25.68	23.67	26.69	25.62	25.61	23.69	25.96	24.98	24.91	22.99	25.62	24.67	24.69	22.68
			1	99	1	0	27.66	26.11	25.62	22.62	27.92	26.43	25.91	22.91	26.94	25.48	24.96	21.97	26.23	24.76	24.22	21.28
			1	0	1	99	19.17	19.14	19.13	19.18	19.43	19.46	19.43	19.48	18.44	18.50	18.41	18.41	17.75	17.73	17.80	17.80
	2660.2	2680.0	100	0	100	0	25.64	24.64	24.65	22.66	25.93	25.00	24.98	22.91	25.00	23.95	23.99	21.98	24.22	23.27	23.30	21.28
			1	99	1	0	27.62	26.14	25.69	22.64	28.00	26.44	25.99	22.92	26.11	24.68	24.14	21.12	26.25	24.72	24.21	21.24
			1	0	1	99	14.64	14.68	14.61	14.62	14.95	14.97	14.96	14.91	13.11	13.15	13.11	13.14	13.30	13.22	13.29	13.25
			100	0	100	0	22.63	22.67	22.70	22.62	22.99	22.92	23.00	22.99	21.18	21.17	21.13	21.13	21.21	21.24	21.30	21.30

9. CONDUCTED TEST RESULTS

9.1. OCCUPIED BANDWIDTH

RULE PART(S)

FCC: §2.1049

ISED: RSS-GEN§6.7, RSS199§5.4

LIMITS

For reporting purposes only.

TEST PROCEDURE

The transmitter output was connected to a calibrated coaxial cable and coupler, the other end of which was connected to a spectrum analyzer. The occupied bandwidth was measured with the spectrum analyzer at the middle channel in each band. The 99% and -26dB bandwidths were also measured and recorded.

RESULTS

There is no limit required, and power is the same for low, middle and high channel; therefore, only middle channel was tested.

LTE BAND 7

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
LTE BAND 7	5MHz, QPSK	25/0	2535.0	4.521	5.19
	5MHz, 16QAM			4.524	5.25
	10MHz, QPSK	50/0		8.996	10.04
	10MHz, 16QAM			9.024	10.03
	15MHz, QPSK	75/0		13.506	14.96
	15MHz, 16QAM			13.480	15.08
	20MHz, QPSK	100/0		17.969	19.87
	20MHz, 16QAM			17.976	19.70
	20MHz, QPSK	1/0		0.273	0.44

5G NR n7

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
5G NR n7	5MHz, BPSK	25/0	2535.0	4.509	5.31
	5MHz, QPSK			4.514	5.30
	5MHz, 16QAM			4.505	5.23
	10MHz, BPSK	50/0		8.990	10.29
	10MHz, QPSK			9.003	10.08
	10MHz, 16QAM			8.985	9.93
	15MHz, BPSK	75/0		13.489	14.76
	15MHz, QPSK			13.473	14.55
	15MHz, 16QAM			13.458	14.98
	20MHz, BPSK	100/0		17.989	19.18
	20MHz, QPSK			17.958	19.63
	20MHz, 16QAM			17.976	19.67
	25MHz, BPSK	128/0		22.963	25.19
	25MHz, QPSK			22.952	24.96
	25MHz, 16QAM			22.987	25.27
	30MHz, BPSK	160/0		28.692	30.70
	30MHz, QPSK			28.628	31.21
	30MHz, 16QAM			28.674	31.11
	35MHz, BPSK	180/0		32.200	33.92
	35MHz, QPSK			32.306	34.06
	35MHz, 16QAM			32.260	35.06
	40MHz, BPSK	216/0		38.712	40.91
	40MHz, QPSK			38.639	41.10
	40MHz, 16QAM			38.702	40.74
	50MHz, BPSK	270/0		48.297	50.81
	50MHz, QPSK			48.328	51.64
	50MHz, 16QAM			48.274	50.79
	50MHz, BPSK	1/0		0.299	0.52

ULCA LTE BAND 7

Band	Mode	RB Allocation/RB Offset	f (MHz)	99% BW (MHz)	- 26dB BW (MHz)
ULCA LTE BAND 7	10MHz + 20MHz BAND QPSK	50/0 + 100/0	2535	28.190	30.49
	10MHz + 20MHz BAND 16QAM			28.164	30.34
	20MHz + 10MHz BAND QPSK	100/0 + 50/0		28.144	30.41
	20MHz + 10MHz BAND 16QAM			28.120	30.50
	15MHz + 15MHz BAND QPSK	75/0 + 75/0		28.747	31.22
	15MHz + 15MHz BAND 16QAM			28.688	31.01
	15MHz + 20MHz BAND QPSK	75/0 + 100/0		32.909	35.03
	15MHz + 20MHz BAND 16QAM			32.965	35.44
	20MHz + 15MHz BAND QPSK	100/0 + 75/0		32.949	35.84
	20MHz + 15MHz BAND 16QAM			32.898	35.46
	20MHz + 20MHz BAND QPSK	100/0 + 100/0		37.824	40.74
	20MHz + 20MHz BAND 16QAM			37.828	40.40

LTE BAND 41 (FCC)

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
LTE BAND 41	5MHz, QPSK	25/0	2593.0	4.507	5.03
	5MHz, 16QAM			4.501	5.17
	10MHz, QPSK	50/0		9.009	10.18
	10MHz, 16QAM			9.003	11.21
	15MHz, QPSK	75/0		13.466	15.48
	15MHz, 16QAM			13.493	16.04
	20MHz, QPSK	100/0		17.933	19.63
	20MHz, 16QAM			17.964	19.85
	20MHz, QPSK	1/0		0.307	0.50

5G NR n41 (FCC)

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
5G NR n41 (FCC)	10MHz, BPSK	24/0	2593.0	8.685	9.86
	10MHz, QPSK			8.689	10.00
	10MHz, 16QAM			8.667	10.13
	15MHz, BPSK	36/0		12.993	14.49
	15MHz, QPSK			12.997	14.62
	15MHz, 16QAM			12.977	14.76
	20MHz, BPSK	50/0		17.980	19.59
	20MHz, QPSK			17.995	19.77
	20MHz, 16QAM			17.994	19.73
	25MHz, BPSK	64/0		23.014	24.99
	25MHz, QPSK			23.028	25.13
	25MHz, 16QAM			23.000	24.99
	30MHz, BPSK	75/0		26.970	29.05
	30MHz, QPSK			27.005	29.23
	30MHz, 16QAM			26.933	29.06
	35MHz, BPSK	90/0		32.359	34.57
	35MHz, QPSK			32.312	34.56
	35MHz, 16QAM			32.362	34.61
	40MHz, BPSK	100/0		35.980	38.31
	40MHz, QPSK			35.945	38.53
	40MHz, 16QAM			35.909	38.43
	45MHz, BPSK	108/0		38.833	41.35
	45MHz, QPSK			38.714	41.40
	45MHz, 16QAM			38.802	41.51
	50MHz, BPSK	128/0		45.929	48.74
	50MHz, QPSK			45.914	48.77
	50MHz, 16QAM			45.917	48.69
	60MHz, BPSK	162/0		58.112	61.25
	60MHz, QPSK			58.132	61.49
	60MHz, 16QAM			57.983	61.46
	70MHz, BPSK	180/0		64.639	68.25
	70MHz, QPSK			64.722	68.34
	70MHz, 16QAM			64.584	68.38
	80MHz, BPSK	216/0		77.483	81.37
	80MHz, QPSK			77.426	81.39
	80MHz, 16QAM			77.494	81.50
	90MHz, BPSK	243/0		87.159	91.46
	90MHz, QPSK			87.190	91.70
	90MHz, 16QAM			87.224	91.57
	100MHz, BPSK	270/0		96.898	101.60
	100MHz, QPSK			97.010	101.79
	100MHz, 16QAM			96.839	101.77
	100MHz, BPSK	1/0		0.597	1.06

ULCA LTE BAND 41 (FCC)

Band	Mode	RB Allocation/RB Offset	f (MHz)	99% BW (MHz)	- 26dB BW (MHz)
ULCA LTE BAND 41 (FCC)	5MHz + 20MHz BAND QPSK	25/0 + 100/0	2593	23.315	25.19
	5MHz + 20MHz BAND 16QAM			23.233	24.99
	20MHz + 5MHz BAND QPSK	100/0 + 25/0		23.284	25.03
	20MHz + 5MHz BAND 16QAM			23.293	25.03
	10MHz + 20MHz BAND QPSK	50/0 + 100/0		28.129	30.50
	10MHz + 20MHz BAND 16QAM			28.067	29.94
	20MHz + 10MHz BAND QPSK	100/0 + 50/0		28.027	30.08
	20MHz + 10MHz BAND 16QAM			28.101	29.91
	15MHz + 15MHz BAND QPSK	75/0 + 75/0		28.593	30.56
	15MHz + 15MHz BAND 16QAM			28.626	30.61
	15MHz + 20MHz BAND QPSK	75/0 + 100/0		32.894	35.09
	15MHz + 20MHz BAND 16QAM			32.905	35.00
	20MHz + 15MHz BAND QPSK	100/0 + 75/0		32.894	35.01
	20MHz + 15MHz BAND 16QAM			32.836	34.96
	20MHz + 20MHz BAND QPSK	100/0 + 100/0		37.757	40.06
	20MHz + 20MHz BAND 16QAM			37.674	39.94

LTE BAND 41 (IC)

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
LTE BAND 41 (IC)	5MHz, QPSK	25/0	2595.0	4.505	5.19
	5MHz, 16QAM			4.506	5.51
	10MHz, QPSK	50/0		9.025	10.20
	10MHz, 16QAM			9.008	10.42
	15MHz, QPSK	75/0		13.494	15.02
	15MHz, 16QAM			13.528	15.59
	20MHz, QPSK	100/0		17.955	20.58
	20MHz, 16QAM			17.971	19.78
	20MHz, QPSK	1/0		0.281	0.39

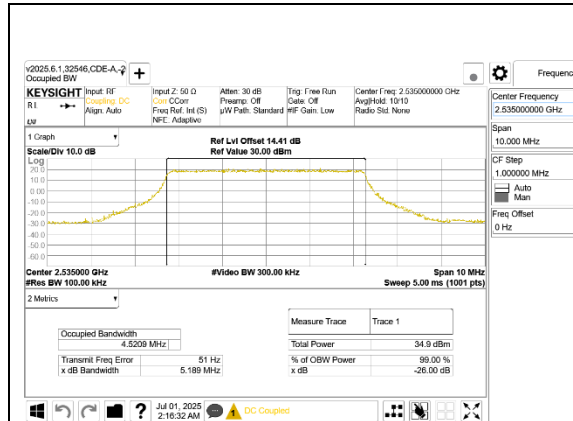
5G NR n41 (IC)

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
5G NR n41 (IC)	10MHz, BPSK	24/0	2595.0	8.669	10.09
	10MHz, QPSK			8.659	10.29
	10MHz, 16QAM			8.683	10.10
	15MHz, BPSK	36/0		12.981	14.51
	15MHz, QPSK			12.983	14.62
	15MHz, 16QAM			12.995	14.60
	20MHz, BPSK	50/0		17.986	19.66
	20MHz, QPSK			18.021	19.89
	20MHz, 16QAM			17.981	19.87
	25MHz, BPSK	64/0		23.001	24.89
	25MHz, QPSK			23.009	25.10
	25MHz, 16QAM			23.054	25.05
	30MHz, BPSK	75/0		26.951	29.02
	30MHz, QPSK			26.889	29.11
	30MHz, 16QAM			26.932	29.09
	35MHz, BPSK	90/0		32.345	34.60
	35MHz, QPSK			32.333	34.77
	35MHz, 16QAM			32.296	34.76
	40MHz, BPSK	100/0		35.920	38.34
	40MHz, QPSK			35.925	38.66
	40MHz, 16QAM			35.923	38.51
	45MHz, BPSK	108/0		38.758	41.43
	45MHz, QPSK			38.832	41.50
	45MHz, 16QAM			38.782	41.40
	50MHz, BPSK	128/0		45.980	48.66
	50MHz, QPSK			45.957	48.99
	50MHz, 16QAM			45.901	48.67
	60MHz, BPSK	162/0		58.056	61.36
	60MHz, QPSK			58.036	61.40
	60MHz, 16QAM			58.012	61.38
	70MHz, BPSK	180/0		64.737	68.30
	70MHz, QPSK			64.645	68.33
	70MHz, 16QAM			64.616	68.37
	80MHz, BPSK	216/0		77.500	81.33
	80MHz, QPSK			77.463	81.51
	80MHz, 16QAM			77.475	81.37
	90MHz, BPSK	243/0		87.176	91.41
	90MHz, QPSK			87.076	91.68
	90MHz, 16QAM			87.146	91.72
	100MHz, BPSK	270/0		96.876	101.60
	100MHz, QPSK			96.818	101.88
	100MHz, 16QAM			96.772	101.74
	100MHz, BPSK	1/0		0.598	1.08

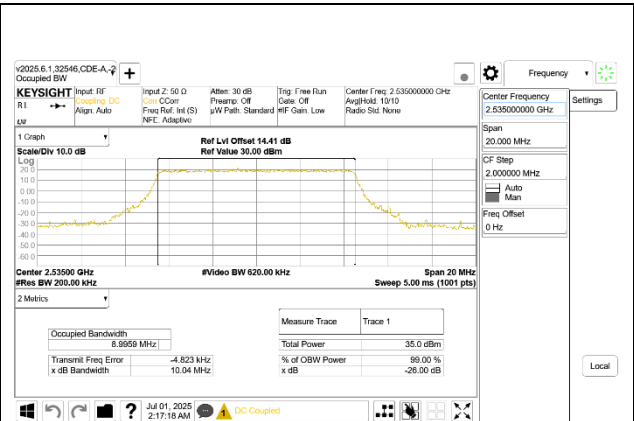
ULCA LTE BAND 41 (IC)

Band	Mode	RB Allocation/RB Offset	f (MHz)	99% BW (MHz)	- 26dB BW (MHz)
ULCA LTE BAND 41 (IC)	5MHz + 20MHz BAND QPSK	25/0 + 100/0	2595	23.291	24.99
	5MHz + 20MHz BAND 16QAM			23.280	25.01
	20MHz + 5MHz BAND QPSK	100/0 + 25/0		23.315	25.01
	20MHz + 5MHz BAND 16QAM			23.260	24.99
	10MHz + 20MHz BAND QPSK	50/0 + 100/0		28.156	29.97
	10MHz + 20MHz BAND 16QAM			28.041	30.00
	20MHz + 10MHz BAND QPSK	100/0 + 50/0		28.047	30.02
	20MHz + 10MHz BAND 16QAM			28.070	29.97
	15MHz + 15MHz BAND QPSK	75/0 + 75/0		28.608	30.60
	15MHz + 15MHz BAND 16QAM			28.556	30.61
	15MHz + 20MHz BAND QPSK	75/0 + 100/0		32.946	35.01
	15MHz + 20MHz BAND 16QAM			32.957	34.93
	20MHz + 15MHz BAND QPSK	100/0 + 75/0		32.958	35.04
	20MHz + 15MHz BAND 16QAM			32.951	35.01
	20MHz + 20MHz BAND QPSK	100/0 + 100/0		37.715	40.01
	20MHz + 20MHz BAND 16QAM			37.699	39.96

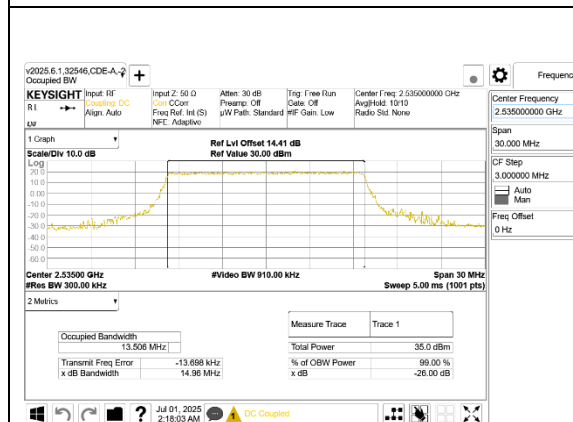
9.1.1. LTE BAND 7



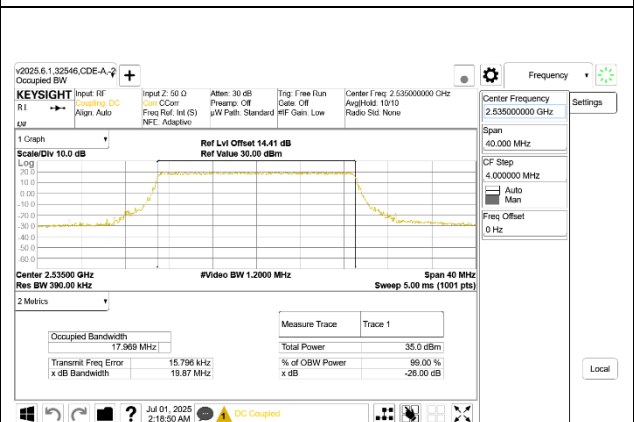
LTE B7 5MHz QPSK Middle Channel RB25-0



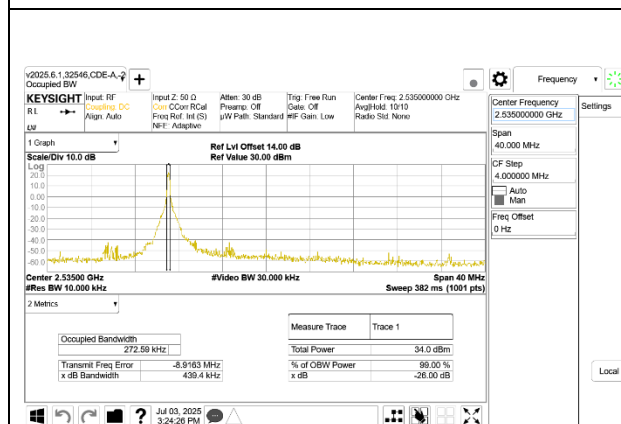
LTE B7 10MHz QPSK Middle Channel RB50-0



LTE B7 15MHz QPSK Middle Channel RB75-0



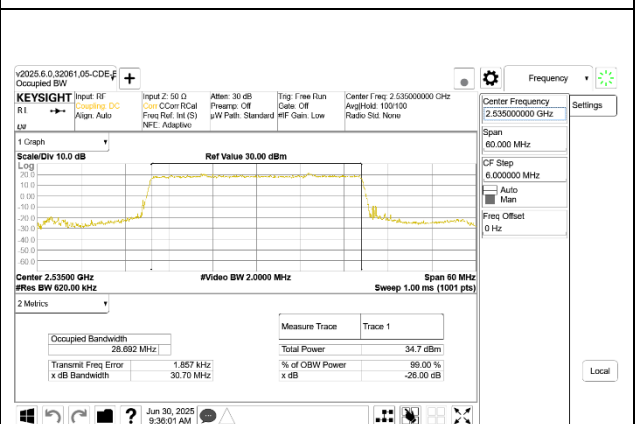
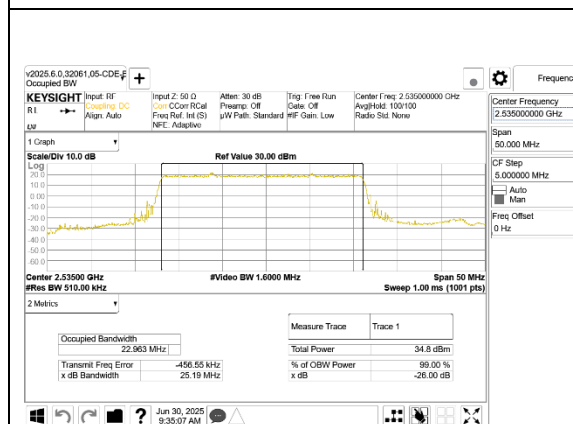
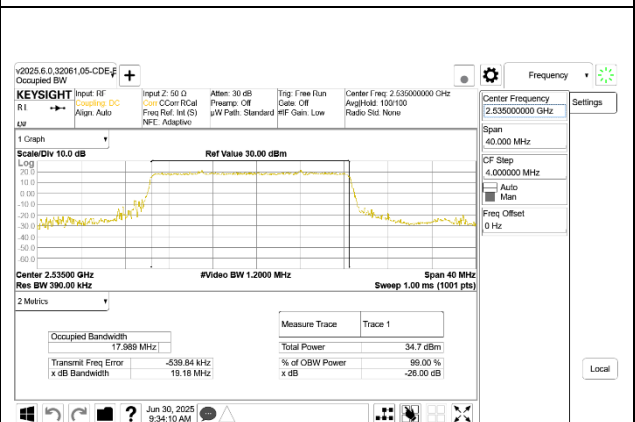
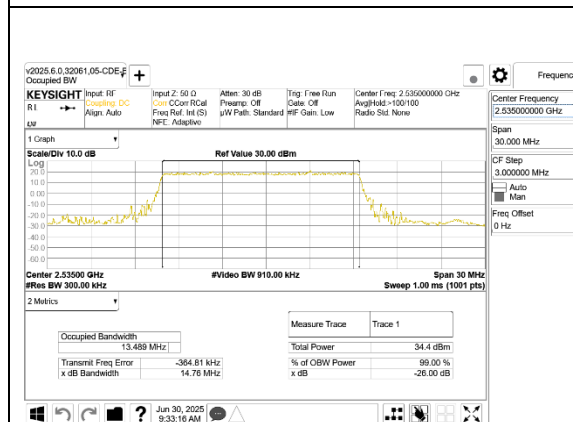
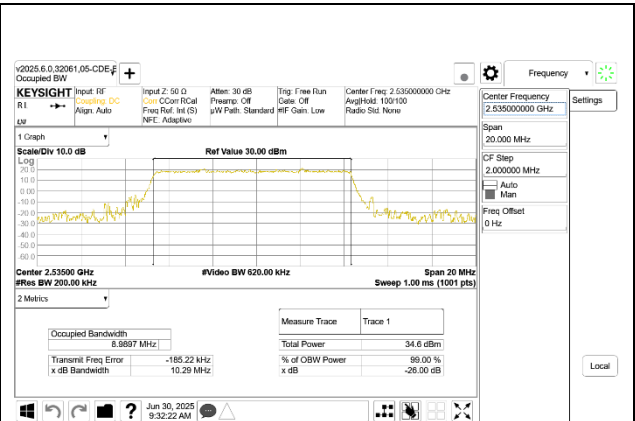
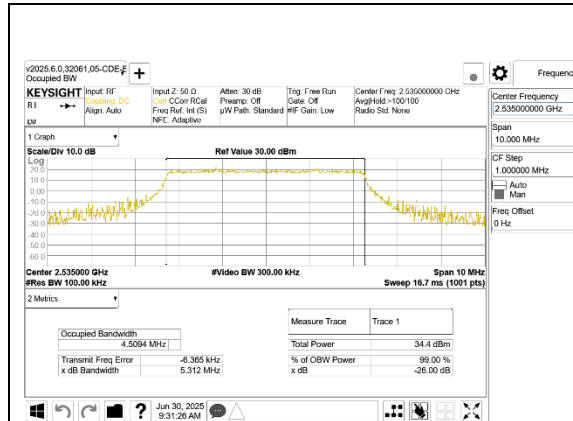
LTE B7 20MHz QPSK Middle Channel RB100-0

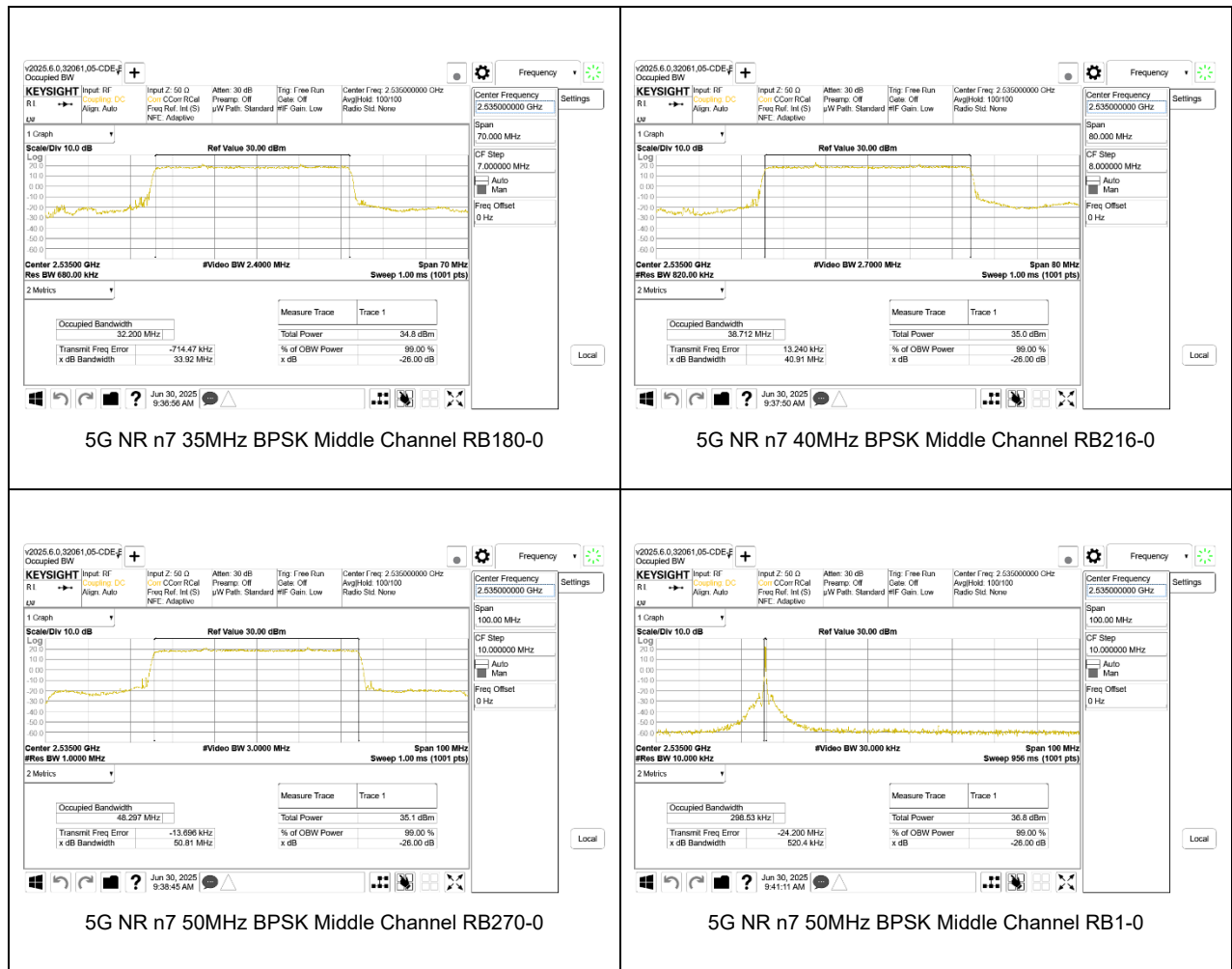


LTE B7 20MHz QPSK Middle Channel RB1-0

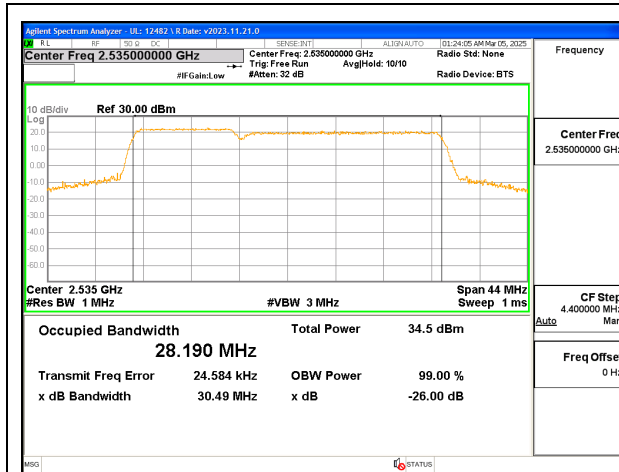
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9.1.2. 5G NR n7

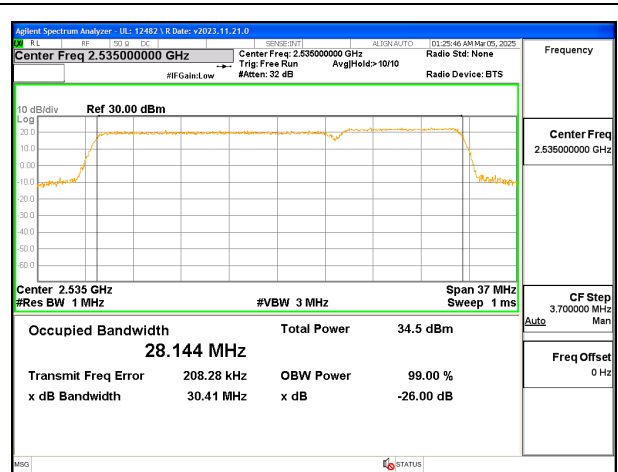




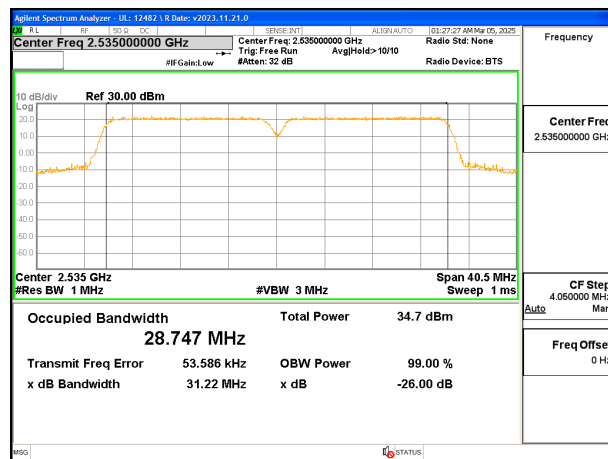
9.1.3. ULCA LTE BAND 7



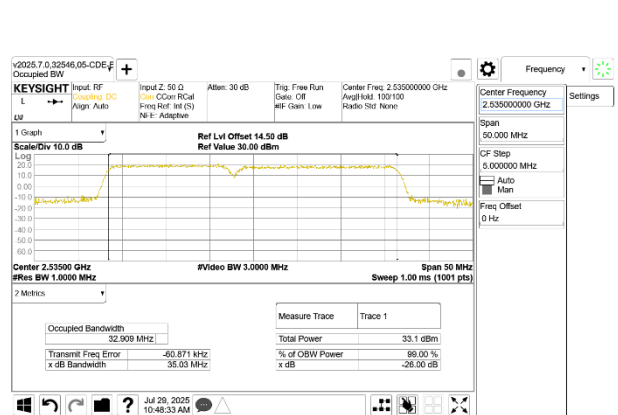
ULCA LTE B7 10MHz + 20MHz QPSK RB50-0 + RB100-0



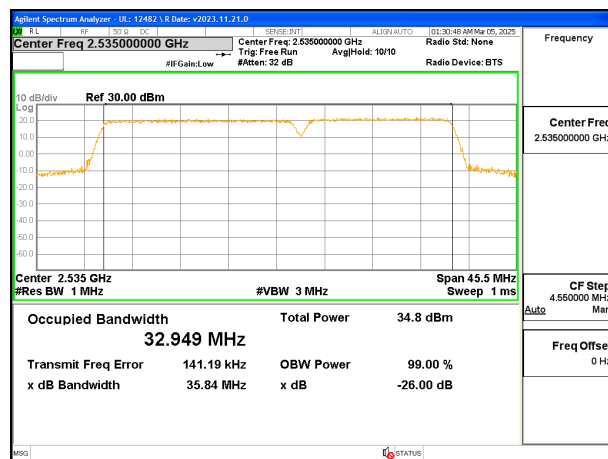
ULCA LTE B7 20MHz + 10MHz QPSK RB100-0 + RB50-0



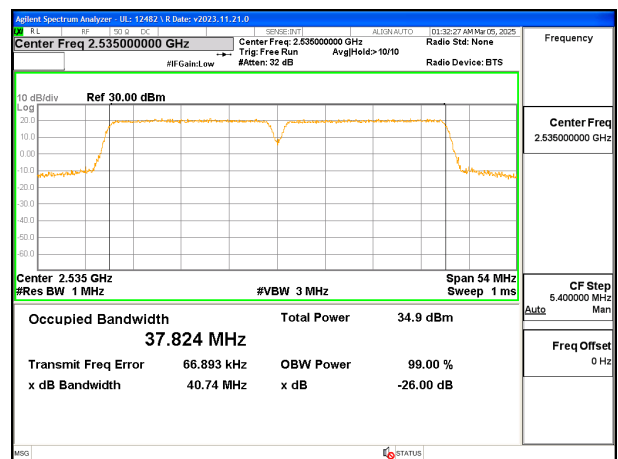
ULCA LTE B7 15MHz + 15MHz QPSK RB75-0 + RB75-0



ULCA LTE B7 15MHz + 20MHz QPSK RB75-0 + RB100-0

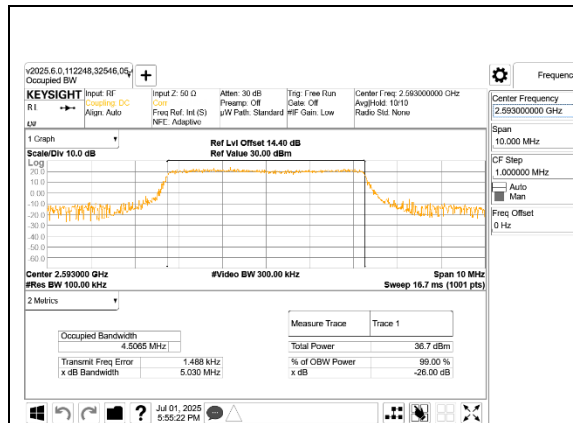


ULCA LTE B7 20MHz + 15MHz QPSK RB100-0 + RB75-0

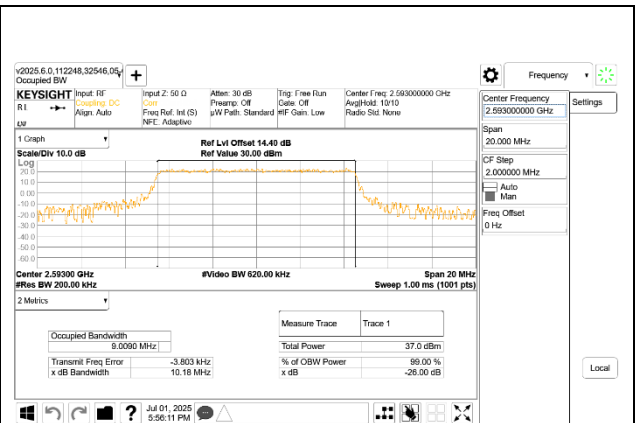


ULCA LTE B7 20MHz + 20MHz QPSK RB100-0 + RB100-0

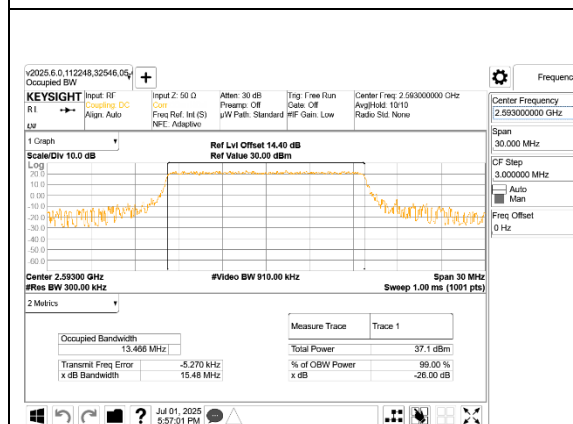
9.1.4. LTE BAND 41 (FCC)



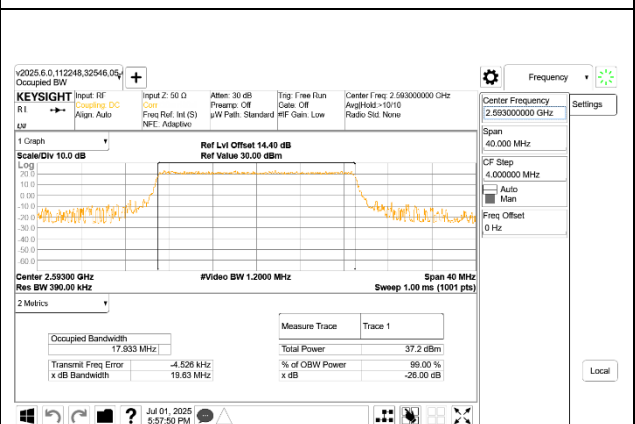
LTE B41 5MHz QPSK Middle Channel RB25-0



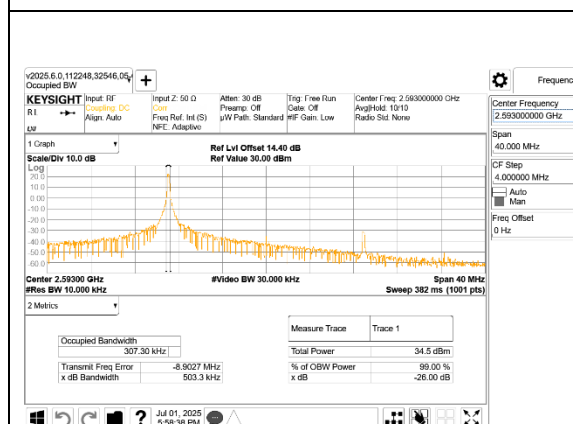
LTE B41 10MHz QPSK Middle Channel RB50-0



LTE B41 15MHz QPSK Middle Channel RB75-0



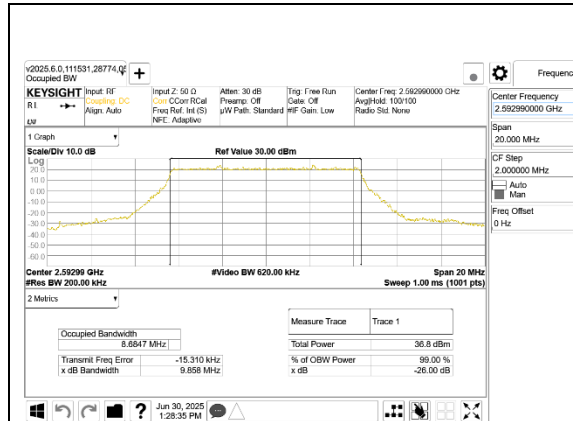
LTE B41 20MHz QPSK Middle Channel RB100-0



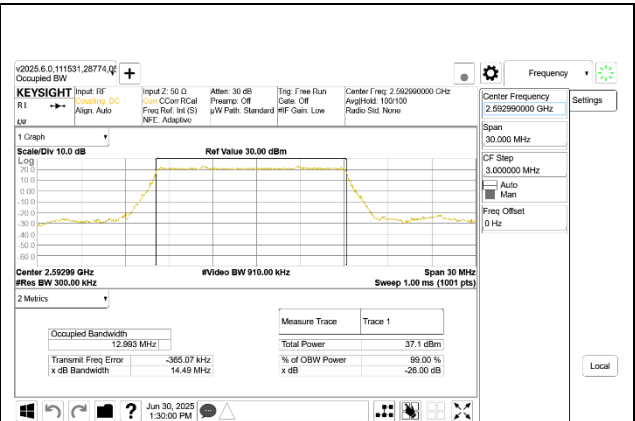
LTE B41 20MHz QPSK Middle Channel RB1-0

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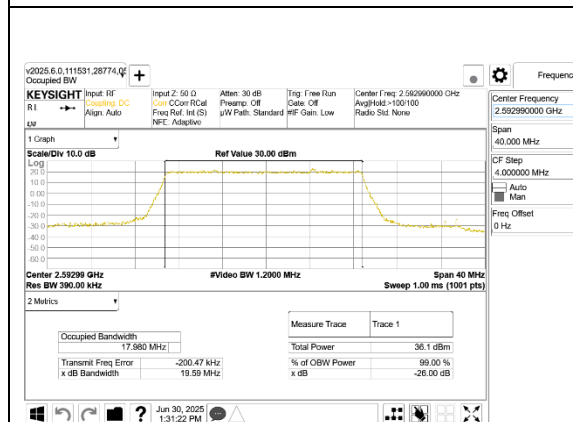
9.1.5. 5G NR n41 (FCC)



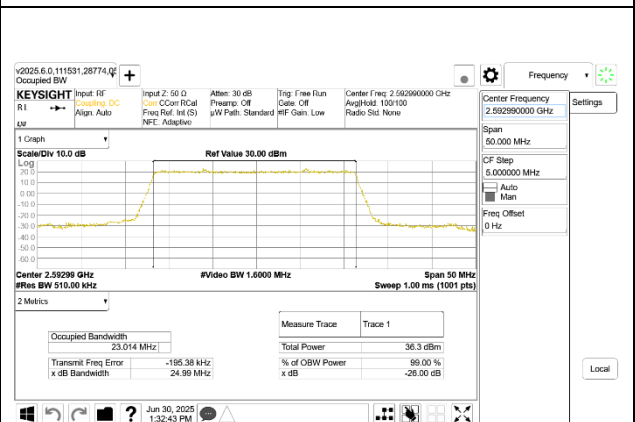
5G NR n41 10MHz BPSK Middle Channel RB24-0



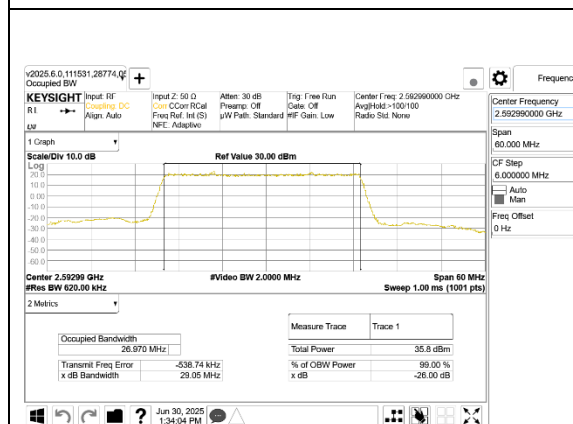
5G NR n41 15MHz BPSK Middle Channel RB36-0



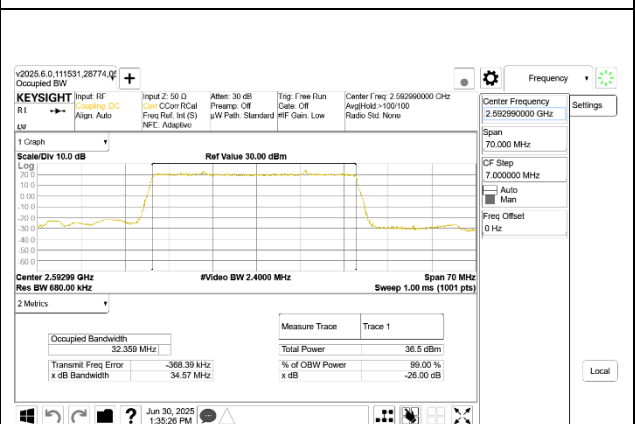
5G NR n41 20MHz BPSK Middle Channel RB50-0



5G NR n41 25MHz BPSK Middle Channel RB64-0



5G NR n41 30MHz BPSK Middle Channel RB75-0

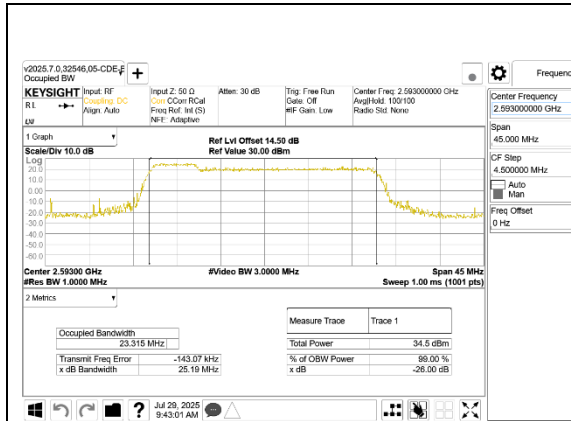


5G NR n41 35MHz BPSK Middle Channel RB90-0

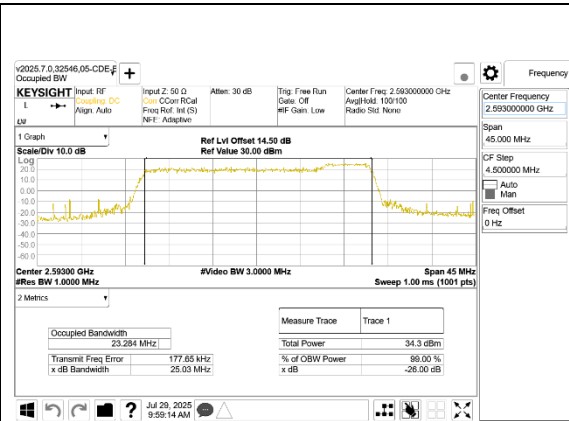




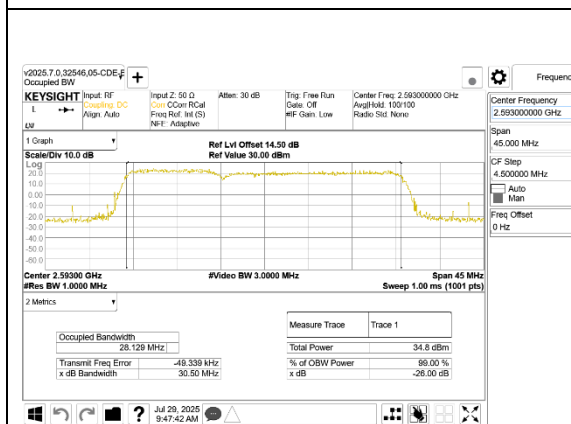
9.1.6. ULCA LTE BAND 41 (FCC)



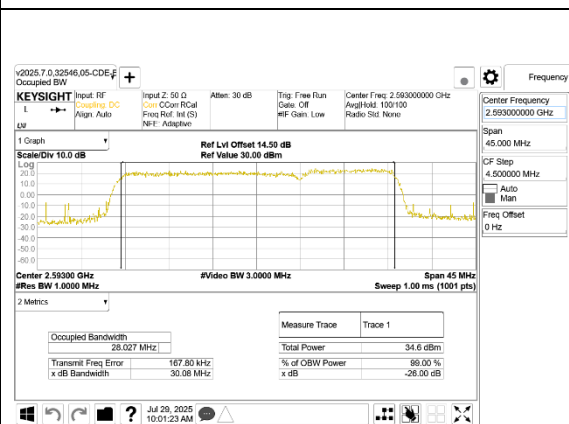
ULCA LTE B41 5MHz + 20MHz QPSK RB25-0 + RB100-0



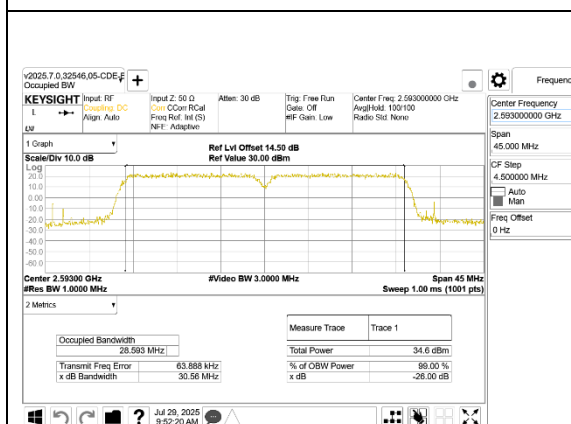
ULCA LTE B41 20MHz + 5MHz QPSK RB100-0 + RB25-0



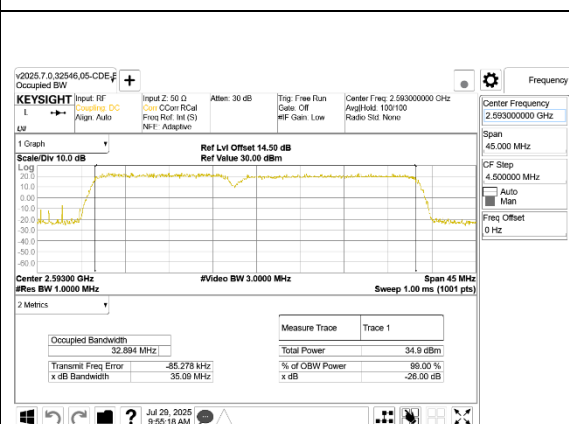
ULCA LTE B41 10MHz + 20MHz QPSK RB50-0 + RB100-0



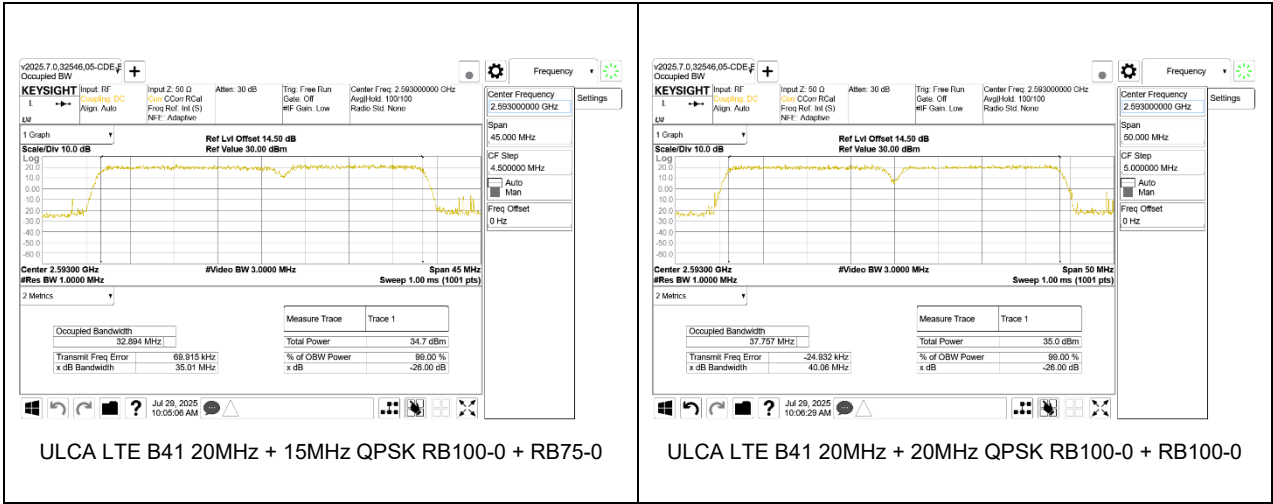
ULCA LTE B41 20MHz + 10MHz QPSK RB100-0 + RB50-0



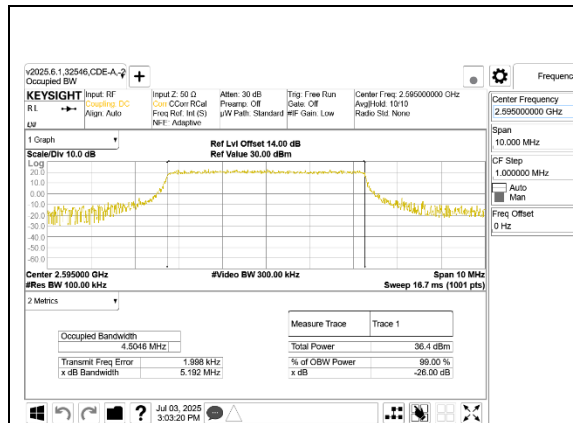
ULCA LTE B41 15MHz + 15MHz QPSK RB75-0 + RB75-0



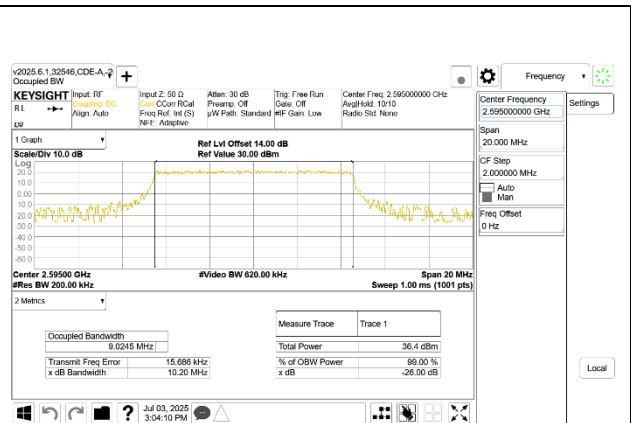
ULCA LTE B41 15MHz + 20MHz QPSK RB75-0 + RB100-0



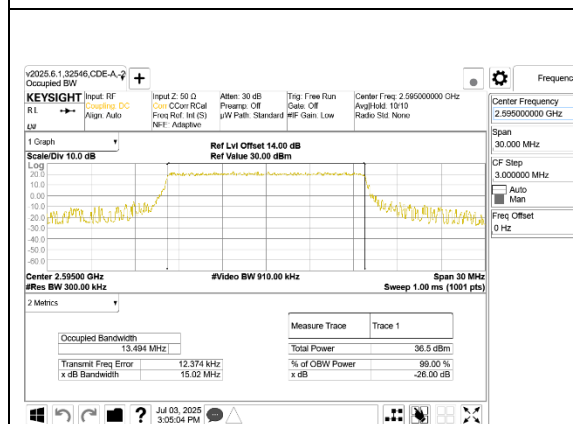
9.1.7. LTE BAND 41 (IC)



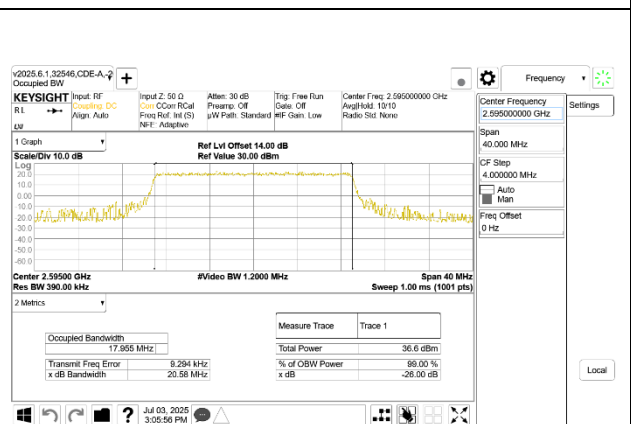
LTE B41 5MHz QPSK Middle Channel RB25-0



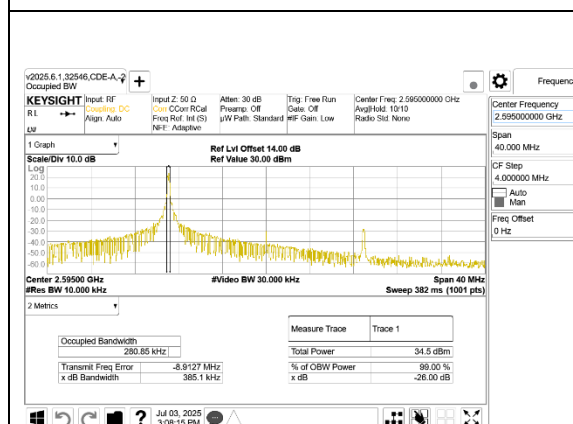
LTE B41 10MHz QPSK Middle Channel RB50-0



LTE B41 15MHz QPSK Middle Channel RB75-0



LTE B41 20MHz QPSK Middle Channel RB100-0

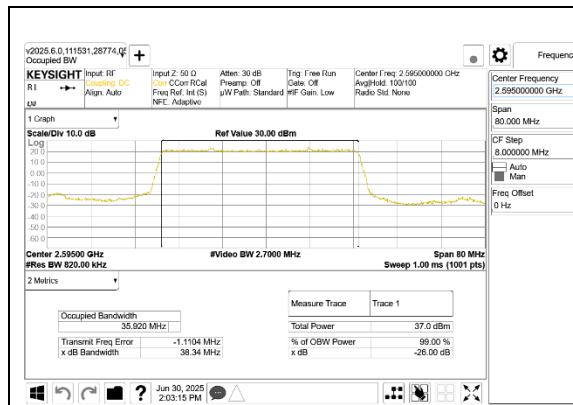


LTE B41 20MHz QPSK Middle Channel RB1-0

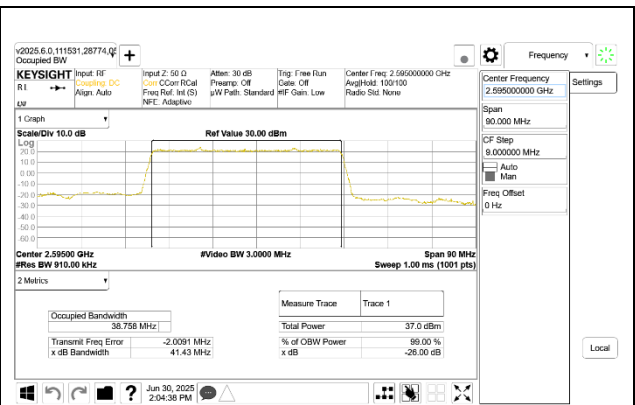
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9.1.8. 5G NR n41 (IC)

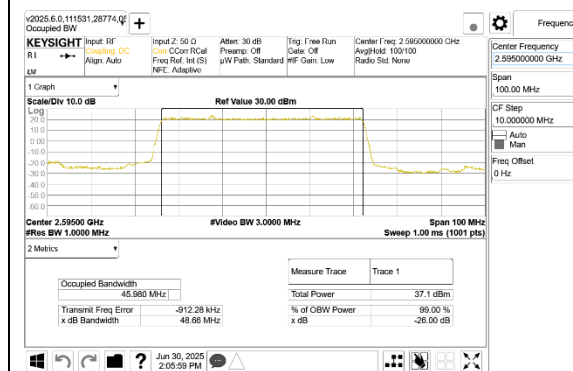




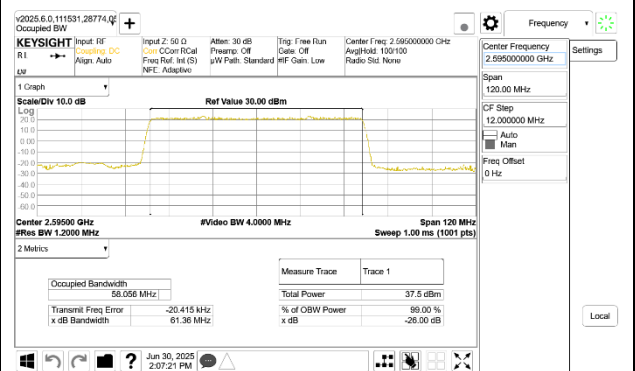
5G NR n41 40MHz BPSK Middle Channel RB100-0



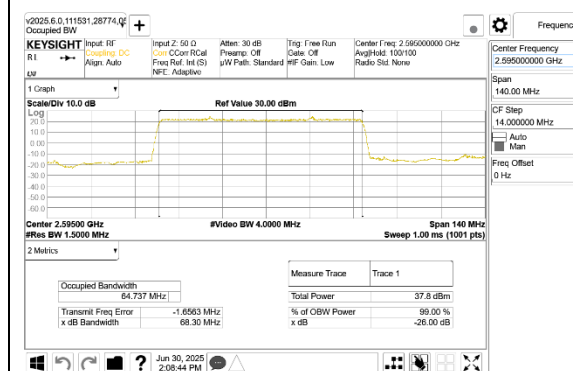
5G NR n41 45MHz BPSK Middle Channel RB108-0



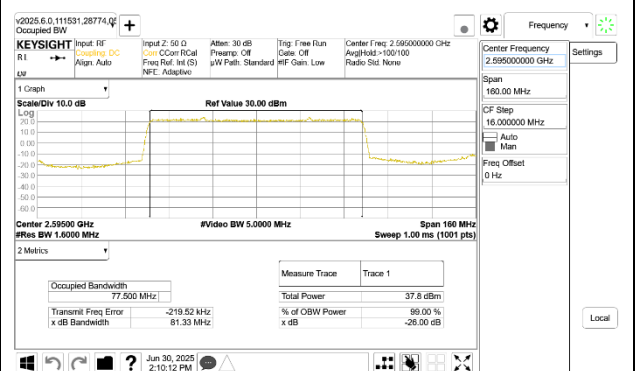
5G NR n41 50MHz BPSK Middle Channel RB128-0



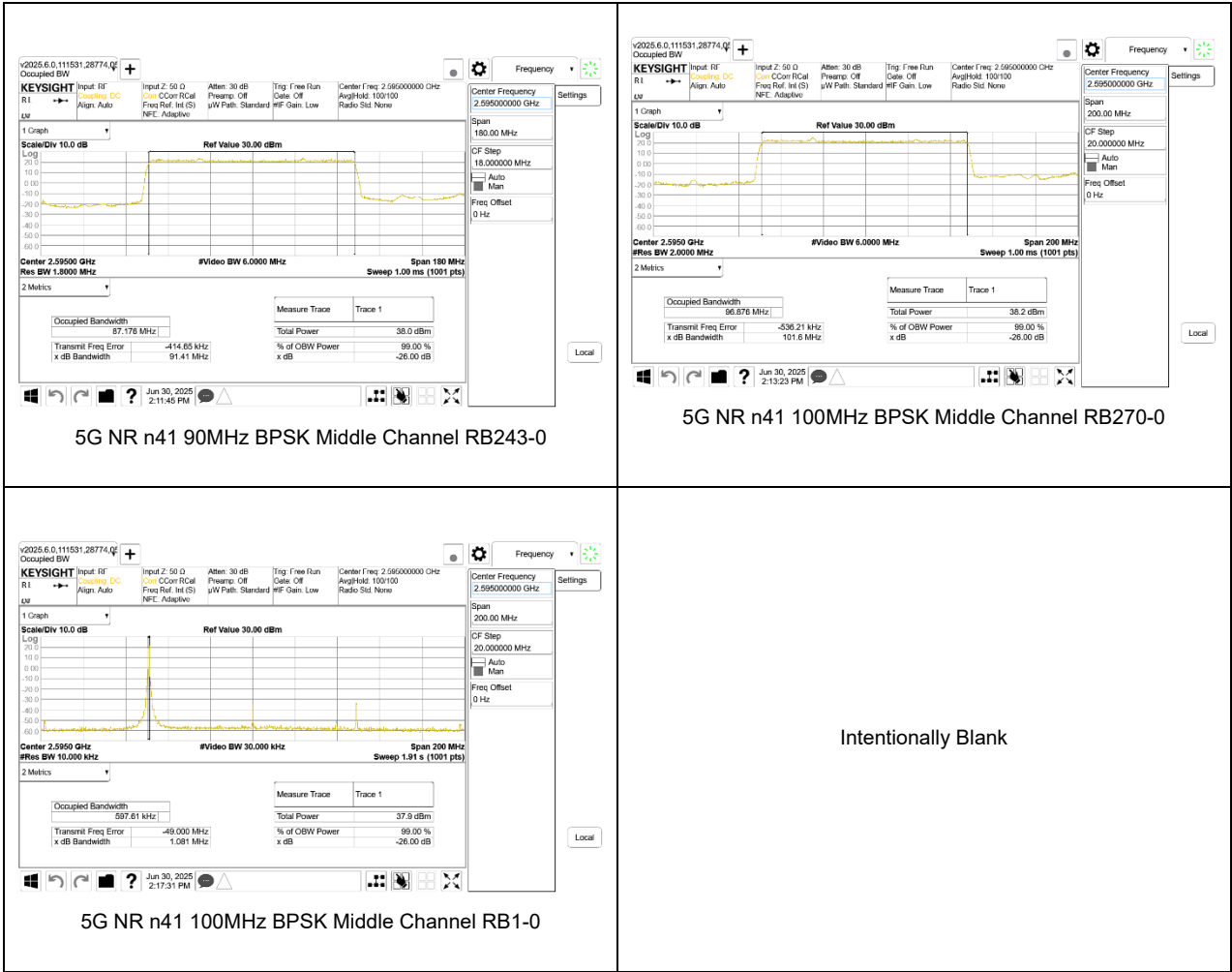
5G NR n41 60MHz BPSK Middle Channel RB162-0



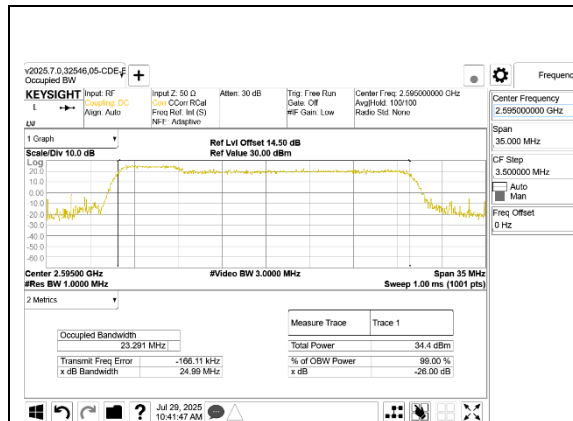
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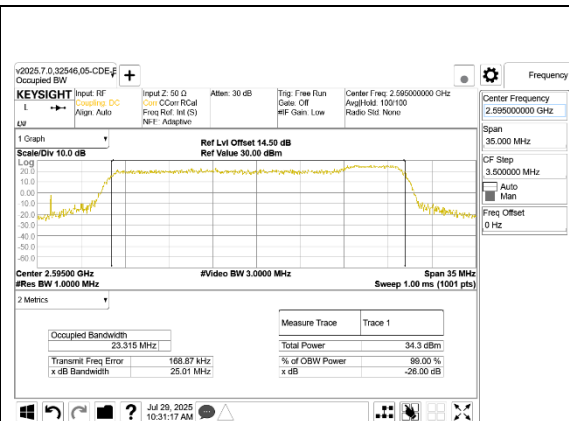
5G NR n41 80MHz BPSK Middle Channel RB216-0



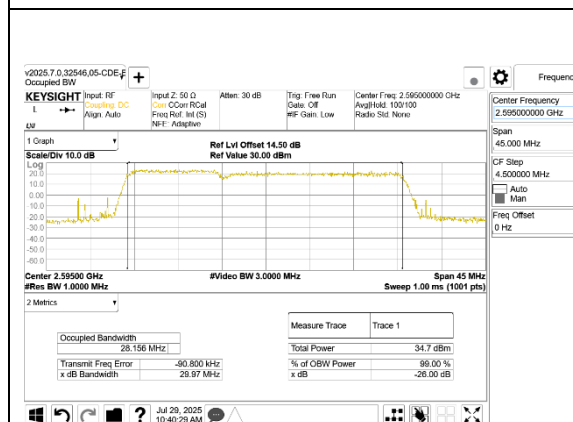
9.1.9. ULCA LTE BAND 41 (IC)



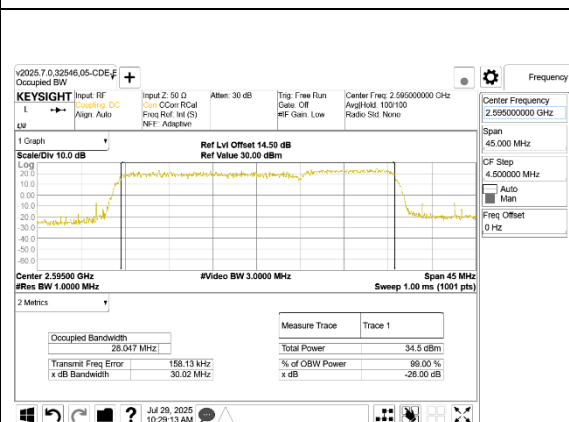
ULCA LTE B41 5MHz + 20MHz QPSK RB25-0 + RB100-0



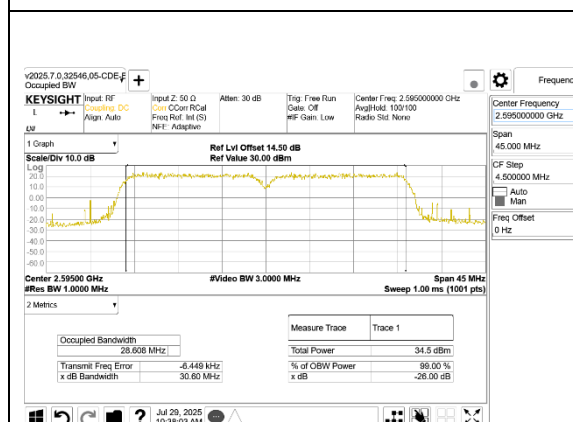
ULCA LTE B41 20MHz + 5MHz QPSK RB100-0 + RB25-0



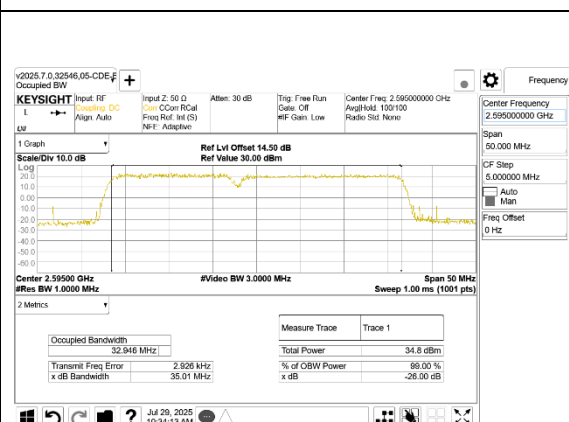
ULCA LTE B41 10MHz + 20MHz QPSK RB50-0 + RB100-0



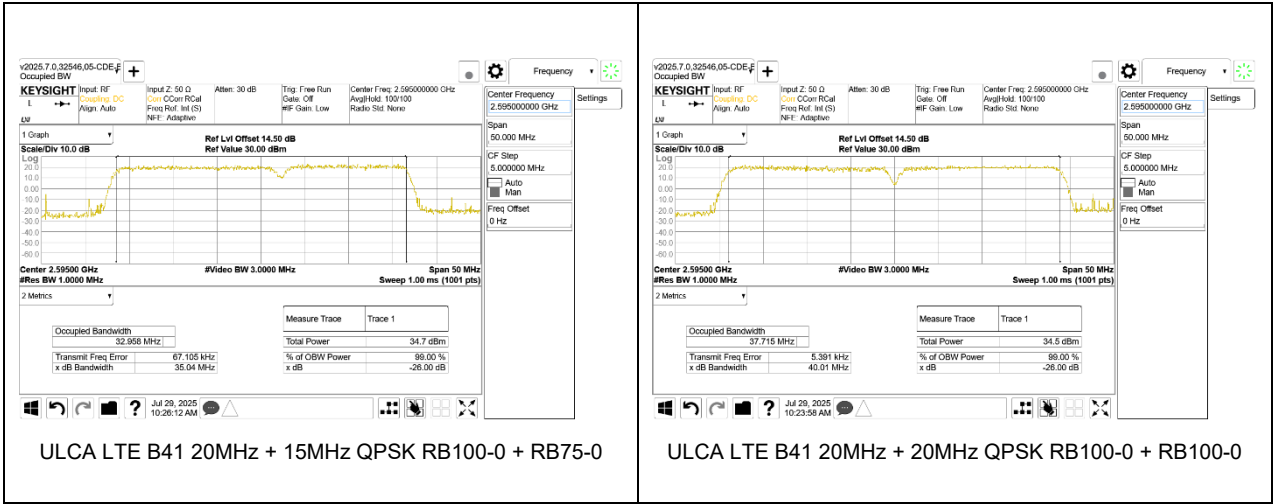
ULCA LTE B41 20MHz + 10MHz QPSK RB100-0 + RB50-0



ULCA LTE B41 15MHz + 15MHz QPSK RB75-0 + RB75-0



ULCA LTE B41 15MHz + 20MHz QPSK RB75-0 + RB100-0



9.2. EMISSION MASK AND ADJACENT CHANNEL POWER

LIMITS

FCC: §27.53

(m)(4) For mobile digital stations, the attenuation factor shall be not less than $40 + 10 \log (P)$ dB on all frequencies between the channel edge and 5 megahertz from the channel edge, $43 + 10 \log (P)$ dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and $55 + 10 \log (P)$ dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less than $43 + 10 \log (P)$ dB on all frequencies between 2490.5 MHz and 2496 MHz and $55 + 10 \log (P)$ dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

ISED: RSS199§5.6

For all equipment, the TRP or total conducted power (sum of conducted power across all antenna connectors), where applicable, of the unwanted emissions outside the frequency block or frequency block group shall not exceed the limits shown in the tables below.

Table 5: Unwanted emission limits for subscriber equipment other than fixed subscriber equipment	
Offset from the edge of the frequency block or frequency block group (MHz)	Unwanted emission limits
0-1	-10 dBm/(2% of OB*)
1-5	-10 dBm/MHz
5-X**	-13 dBm/MHz
≥ X	-25 dBm/MHz

*OB is the occupied bandwidth

** X is 6 MHz or the equipment occupied bandwidth, whichever is greater.

In addition to complying with the limits in table 5, subscriber equipment other than fixed subscriber equipment shall not exceed -13 dBm/MHz on all frequencies between 2490.5 MHz and 2496 MHz, and -25 dBm/MHz at or below 2490.5 MHz

TEST PROCEDURE

For Spectrum Emission Mask plots, the spectrum analyzer is configured to sweep with a moving integration window, the width of which can be adjusted to different sizes across the sweep. The window width is configured to be greater than or equal to the required reference bandwidth. The center frequencies of the integration window for the different integration windows was set such that the upper and lower edges of the windows are aligned with the transition points in the reference bandwidths. This is achieved by setting the start / stop frequencies of the window with an offset equal to the reference bandwidth / 2 from the transition point.

The transmitter output was connected to a base station simulator and configured to operate at maximum power. The band edge emissions were measured at the required operating frequencies in each band on the Spectrum Analyzer.

For each band edge measurement:

1. Set the spectrum analyzer span to include the block edge frequency.
2. Set a marker to point the corresponding band edge frequency in each test case.
3. Set display line at -X dBm
4. Set resolution bandwidth to at least 1% of emission bandwidth.

TEST PROCEDURE FOR FCC PART 27

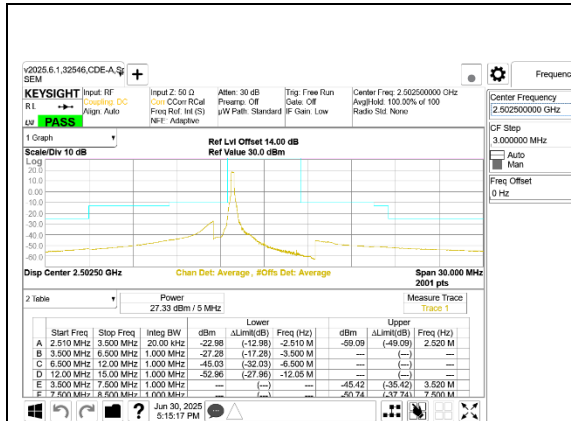
(m)(6) Measurement procedure. Compliance with these rules is based on the use of measurement instrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed; for mobile digital stations, in the 1 megahertz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least two percent may be employed, except when the 1 megahertz band is 2495-2496 MHz, in which case a resolution bandwidth of at least one percent may be employed. A narrower resolution bandwidth is permitted in all cases to improve measurement accuracy provided the measured power is integrated over the full required measurement bandwidth (i.e. 1 megahertz or 1 percent of emission bandwidth, as specified; or 1 megahertz or 2 percent for mobile digital stations, except in the band 2495-2496 MHz). The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power. With respect to television operations, measurements must be made of the separate visual and aural operating powers at sufficiently frequent intervals to ensure compliance with the rules.

TEST PROCEDURE FOR RSS-199

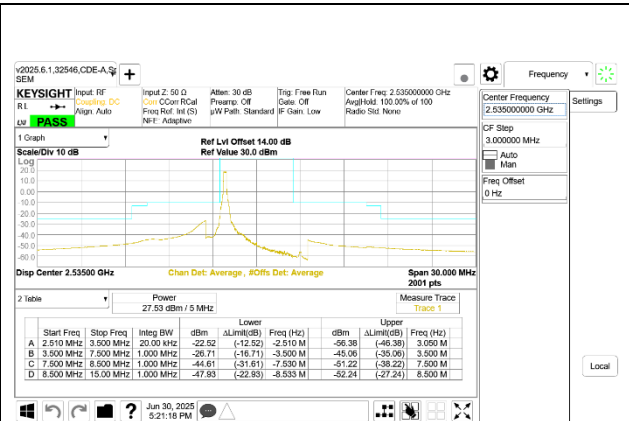
In the 1 MHz band immediately outside and adjacent to the frequency block group, the power shall be measured with a resolution bandwidth of at least 1% of the occupied bandwidth for fixed stations, base stations, and fixed subscriber equipment, and 2% for subscriber equipment other than fixed subscriber equipment. Beyond this 1 MHz band, a resolution bandwidth of 1 MHz shall be used. A narrower resolution bandwidth can be used, provided that the measured power is integrated over the full required measurement bandwidth of 1 MHz, or 1% or 2% of the occupied bandwidth, as applicable.

RESULTS

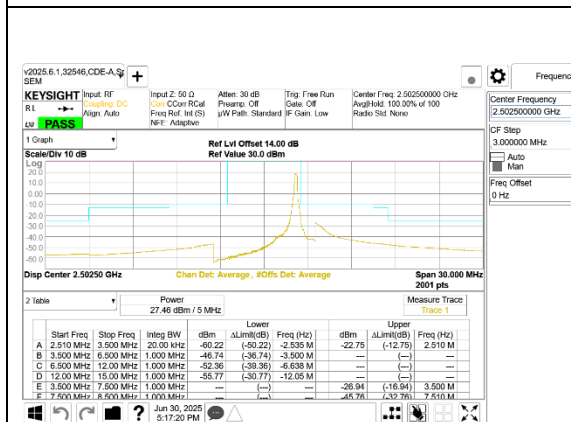
9.2.1. LTE BAND 7



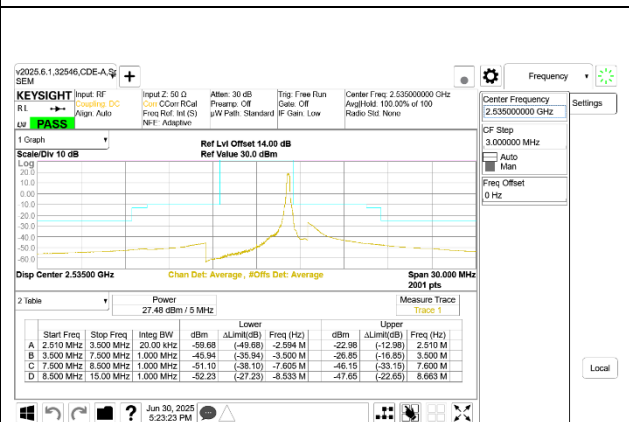
LTE B7 5MHz QPSK Low Channel RB1-0



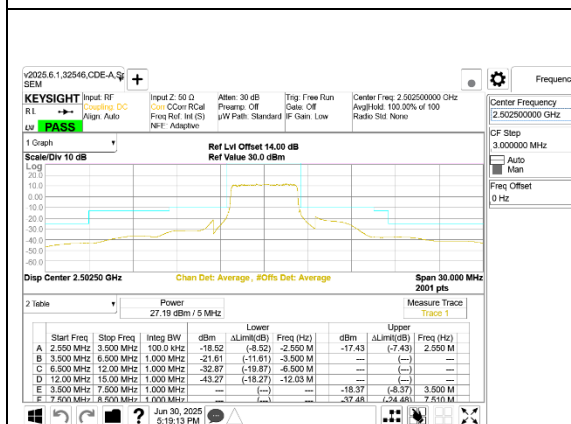
LTE B7 5MHz QPSK Middle Channel RB1-0



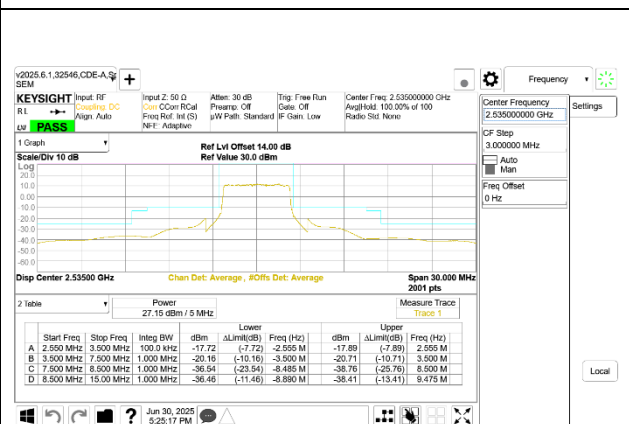
LTE B7 5MHz QPSK Low Channel RB1-24



LTE B7 5MHz QPSK Middle Channel RB1-24



LTE B7 5MHz QPSK Low Channel RB25-0



LTE B7 5MHz QPSK Middle Channel RB25-0