

TEST REPORT

Report Number: 15982167-E29V2

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

Model : A3473

Brand : APPLE

FCC ID : BCG-E9187A

IC : 579C-E9187A

EUT Description : SMARTPHONE

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

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Revision History

Rev.	Issue Date	Revisions	Revised By
V1	2026-07-20	Initial Review	--
V2	2026-08-06	Addressed TCB feedback, updated sections 1, 3, & 6.5	Binod Sitaula

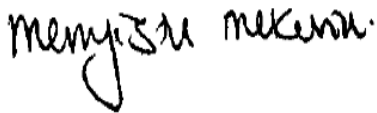
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1. ATTESTATION OF TEST RESULTS

Applicant Name and Address	APPLE INC 1 APPLE PARK WAY CUPERTINO, CA 95014, U.S.A.	
Model	A3473	
Brand	APPLE	
FCC ID	BCG-E9187A	
IC	579C-E9187A	
EUT Description	SMARTPHONE	
Serial Number	RADIATED: VH3Y24HKJQ, DGY42LY4H3, GVXXP2XK3 CONDUCTED: HVHHS0001H0001CCD, HVHHTW000G10001CCY, HVHHT000330001CCE	
Sample Receipt Date	2026-02-12	
Date Tested	2026-03-02 to 2026-07-21	
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.	Binod Sitaula Laboratory Engineer Associate UL Verification Services Inc.	Tewodros Woldemichael 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§6.7 RSS199§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
- [FCC KDB 662911 D01](#): Multiple Transmitter Output
- 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 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 tables below contain the highest of all configurations average conducted and peak EIRP output powers as follows:

LTE BAND 7

Part 27 / RSS 199									
EIRP Limit (W)		2.00							
Antenna Gain (dBi) (ANT14)		-1.60							
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	24.10	0.257	4.522	4522	4M52G7W
	16QAM			24.70	23.10	0.204	4.525	4525	4M53D7W
10.0	QPSK	2505.0	2565.0	25.70	24.10	0.257	9.006	9006	9M01G7W
	16QAM			24.70	23.10	0.204	9.024	9024	9M02D7W
15.0	QPSK	2507.5	2562.5	25.70	24.10	0.257	13.501	13501	13M5G7W
	16QAM			24.68	23.08	0.203	13.488	13488	13M5D7W
20.0	QPSK	2510.0	2560.0	25.70	24.10	0.257	17.977	17977	18M0G7W
	16QAM			24.64	23.04	0.201	17.983	17983	18M0D7W

5G NR n7

Part 27/ RSS199									
EIRP Limit (W)		2.00							
Antenna Gain (dBi) (ANT14)		-1.60							
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	24.10	0.257	4.515	4515	4M52G7W
	QPSK			25.66	24.06	0.255	4.518	4518	4M52G7W
	16QAM			24.55	22.95	0.197	4.516	4516	4M52D7W
10.0	BPSK	2505.0	2565.0	25.62	24.02	0.252	8.991	8991	8M99G7W
	QPSK			25.70	24.10	0.257	9.010	9010	9M01G7W
	16QAM			24.40	22.80	0.191	8.996	8996	9M00D7W
15.0	BPSK	2507.5	2562.5	25.70	24.10	0.257	13.470	13470	13M5G7W
	QPSK			25.60	24.00	0.251	13.475	13475	13M5G7W
	16QAM			24.49	22.89	0.195	13.472	13472	13M5D7W
20.0	BPSK	2510.0	2560.0	25.70	24.10	0.257	17.969	17969	18M0G7W
	QPSK			25.56	23.96	0.249	17.942	17942	17M9G7W
	16QAM			24.61	23.01	0.200	17.939	17939	17M9D7W
25.0	BPSK	2512.5	2557.5	25.66	24.06	0.255	22.928	22928	22M9G7W
	QPSK			25.70	24.10	0.257	22.974	22974	23M0G7W
	16QAM			24.44	22.84	0.192	22.953	22953	23M0D7W
30.0	BPSK	2515.0	2555.0	25.70	24.10	0.257	28.595	28595	28M6G7W
	QPSK			25.69	24.09	0.256	28.585	28585	28M6G7W
	16QAM			24.64	23.04	0.201	28.597	28597	28M6D7W
35.0	BPSK	2517.5	2552.5	25.70	24.10	0.257	32.178	32178	32M2G7W
	QPSK			25.68	24.08	0.256	32.206	32206	32M2G7W
	16QAM			24.68	23.08	0.203	32.212	32212	32M2D7W
40.0	BPSK	2520.0	2550.0	25.70	24.10	0.257	38.583	38583	38M6G7W
	QPSK			25.65	24.05	0.254	38.575	38575	38M6G7W
	16QAM			24.59	22.99	0.199	38.599	38599	38M6D7W
50.0	BPSK	2525.0	2545.0	25.65	24.05	0.254	48.292	48292	48M3G7W
	QPSK			25.70	24.10	0.257	48.292	48292	48M3G7W
	16QAM			24.51	22.91	0.195	48.240	48240	48M2D7W

ULCA LTE BAND 7

Part 27 / RSS 199									
EIRP Limit (W)		2.00							
Antenna Gain (dBi)_(ANT14)		-1.60							
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	24.10	0.257	28.194	28194	28M2G7W
	16QAM			24.70	23.10	0.204	28.163	28163	28M2D7W
20+10	QPSK	2510.0	2564.5	25.70	24.10	0.257	28.165	28165	28M2G7W
	16QAM			24.70	23.10	0.204	28.117	28117	28M1D7W
15+15	QPSK	2507.5	2562.5	25.70	24.10	0.257	28.711	28711	28M7G7W
	16QAM			24.70	23.10	0.204	28.694	28694	28M7D7W
15+20	QPSK	2507.8	2560.0	25.70	24.10	0.257	33.024	33024	33M0G7W
	16QAM			24.70	23.10	0.204	32.934	32934	32M9D7W
20+15	QPSK	2510.0	2562.2	25.70	24.10	0.257	32.961	32961	33M0G7W
	16QAM			24.70	23.10	0.204	32.895	32895	32M9D7W
20+20	QPSK	2510.0	2560.0	25.70	24.10	0.257	37.869	37869	37M9G7W
	16QAM			24.70	23.10	0.204	37.841	37841	37M8D7W

LTE BAND 41 (FCC)

Part 27									
EIRP Limit (W)		2.00							
Antenna Gain (dBi)_(ANT4)		-0.90							
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	28.70	27.80	0.603	4.509	4509	4M51G7W
	16QAM			27.64	26.74	0.472	4.511	4511	4M51D7W
10.0	QPSK	2501.0	2685.0	28.70	27.80	0.603	8.999	8999	9M00G7W
	16QAM			27.53	26.63	0.460	8.992	8992	8M99D7W
15.0	QPSK	2503.5	2682.5	28.70	27.80	0.603	13.496	13496	13M5G7W
	16QAM			27.57	26.67	0.465	13.516	13516	13M5D7W
20.0	QPSK	2506.0	2680.0	28.70	27.80	0.603	18.000	18000	18M0G7W
	16QAM			27.58	26.68	0.466	17.988	17988	18M0D7W

5G NR n41 (FCC SISO)

Part 27									
EIRP Limit (W)		2.00							
Antenna Gain (dBi) (ANT4)		-0.90							
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	28.70	27.80	0.603	8.686	8686	8M69G7W
	QPSK			28.70	27.80	0.603	8.701	8701	8M70G7W
	16QAM			27.70	26.80	0.479	8.704	8704	8M70D7W
15.0	BPSK	2503.5	2682.5	28.70	27.80	0.603	13.002	13002	13M0G7W
	QPSK			28.48	27.58	0.573	13.018	13018	13M0G7W
	16QAM			27.61	26.71	0.469	12.964	12964	13M0D7W
20.0	BPSK	2506.0	2680.0	28.68	27.78	0.600	18.039	18039	18M0G7W
	QPSK			28.70	27.80	0.603	17.953	17953	18M0G7W
	16QAM			27.57	26.67	0.465	17.982	17982	18M0D7W
25.0	BPSK	2508.5	2677.5	28.70	27.80	0.603	23.022	23022	23M0G7W
	QPSK			28.54	27.64	0.581	23.003	23003	23M0G7W
	16QAM			27.49	26.59	0.456	23.004	23004	23M0D7W
30.0	BPSK	2511.0	2675.0	28.66	27.76	0.597	26.952	26952	27M0G7W
	QPSK			28.70	27.80	0.603	26.948	26948	26M9G7W
	16QAM			27.52	26.62	0.459	26.982	26982	27M0D7W
35.0	BPSK	2513.5	2672.5	28.70	27.80	0.603	32.317	32317	32M3G7W
	QPSK			28.65	27.75	0.596	32.312	32312	32M3G7W
	16QAM			27.62	26.72	0.470	32.271	32271	32M3D7W
40.0	BPSK	2516.0	2670.0	28.70	27.80	0.603	35.927	35927	35M9G7W
	QPSK			28.61	27.71	0.590	35.903	35903	35M9G7W
	16QAM			27.41	26.51	0.448	35.887	35887	35M9D7W
45.0	BPSK	2518.5	2667.5	28.70	27.80	0.603	38.784	38784	38M8G7W
	QPSK			28.70	27.80	0.603	38.763	38763	38M8G7W
	16QAM			27.70	26.80	0.479	38.730	38730	38M7D7W
50.0	BPSK	2521.0	2665.0	28.70	27.80	0.603	45.915	45915	45M9G7W
	QPSK			28.70	27.80	0.603	45.912	45912	45M9G7W
	16QAM			27.58	26.68	0.466	45.878	45878	45M9D7W
60.0	BPSK	2526.0	2660.0	28.70	27.80	0.603	58.018	58018	58M0G7W
	QPSK			28.70	27.80	0.603	57.934	57934	57M9G7W
	16QAM			27.46	26.56	0.453	57.949	57949	57M9D7W
70.0	BPSK	2531.0	2655.0	28.70	27.80	0.603	64.564	64564	64M6G7W
	QPSK			28.70	27.80	0.603	64.479	64479	64M5G7W
	16QAM			27.48	26.58	0.455	64.529	64529	64M5D7W
80.0	BPSK	2536.0	2650.0	28.70	27.80	0.603	77.393	77393	77M4G7W
	QPSK			28.70	27.80	0.603	77.309	77309	77M3G7W
	16QAM			27.50	26.60	0.457	77.340	77340	77M3D7W
90.0	BPSK	2541.0	2645.0	28.70	27.80	0.603	87.031	87031	87M0G7W
	QPSK			28.70	27.80	0.603	87.039	87039	87M0G7W
	16QAM			27.69	26.79	0.478	86.980	86980	87M0D7W
100.0	BPSK	2546.0	2640.0	28.70	27.80	0.603	96.820	96820	96M8G7W
	QPSK			28.70	27.80	0.603	96.639	96639	96M6G7W
	16QAM			27.55	26.65	0.462	96.709	96709	96M7D7W

5G NR n41 (FCC MIMO)

Part 27									
EIRP Limit (W)		2.00							
Antenna Gain (dBi) (ANT3+1)		-3.40							
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
10.0	BPSK	2501.0	2685.0	31.70	28.30	0.676	8.686	8686	8M69G7W
	QPSK			31.65	28.25	0.668	8.701	8701	8M70G7W
	16QAM			30.35	26.95	0.495	8.704	8704	8M70D7W
15.0	BPSK	2503.5	2682.5	31.70	28.30	0.676	13.002	13002	13M0G7W
	QPSK			31.38	27.98	0.628	13.018	13018	13M0G7W
	16QAM			30.40	27.00	0.501	12.964	12964	13M0D7W
20.0	BPSK	2506.0	2680.0	31.70	28.30	0.676	18.039	18039	18M0G7W
	QPSK			31.31	27.91	0.618	17.953	17953	18M0G7W
	16QAM			30.36	26.96	0.497	17.982	17982	18M0D7W
25.0	BPSK	2508.5	2677.5	31.70	28.30	0.676	23.022	23022	23M0G7W
	QPSK			31.29	27.89	0.615	23.003	23003	23M0G7W
	16QAM			30.37	26.97	0.498	23.004	23004	23M0D7W
30.0	BPSK	2511.0	2675.0	31.70	28.30	0.676	26.952	26952	27M0G7W
	QPSK			31.40	28.00	0.631	26.948	26948	26M9G7W
	16QAM			30.42	27.02	0.504	26.982	26982	27M0D7W
35.0	BPSK	2513.5	2672.5	31.70	28.30	0.676	32.317	32317	32M3G7W
	QPSK			31.26	27.86	0.611	32.312	32312	32M3G7W
	16QAM			30.29	26.89	0.489	32.271	32271	32M3D7W
40.0	BPSK	2516.0	2670.0	31.70	28.30	0.676	35.927	35927	35M9G7W
	QPSK			31.65	28.25	0.668	35.903	35903	35M9G7W
	16QAM			30.23	26.83	0.482	35.887	35887	35M9D7W
45.0	BPSK	2518.5	2667.5	31.70	28.30	0.676	38.784	38784	38M8G7W
	QPSK			31.64	28.24	0.667	38.763	38763	38M8G7W
	16QAM			30.25	26.85	0.484	38.730	38730	38M7D7W
50.0	BPSK	2521.0	2665.0	31.70	28.30	0.676	45.915	45915	45M9G7W
	QPSK			31.46	28.06	0.640	45.912	45912	45M9G7W
	16QAM			30.38	26.98	0.499	45.878	45878	45M9D7W
60.0	BPSK	2526.0	2660.0	31.70	28.30	0.676	58.018	58018	58M0G7W
	QPSK			31.68	28.28	0.673	57.934	57934	57M9G7W
	16QAM			30.18	26.78	0.476	57.949	57949	57M9D7W
70.0	BPSK	2531.0	2655.0	31.70	28.30	0.676	64.564	64564	64M6G7W
	QPSK			31.58	28.18	0.658	64.479	64479	64M5G7W
	16QAM			30.05	26.65	0.462	64.529	64529	64M5D7W
80.0	BPSK	2536.0	2650.0	31.70	28.30	0.676	77.393	77393	77M4G7W
	QPSK			31.70	28.30	0.676	77.309	77309	77M3G7W
	16QAM			30.50	27.10	0.513	77.340	77340	77M3D7W
90.0	BPSK	2541.0	2645.0	31.70	28.30	0.676	87.031	87031	87M0G7W
	QPSK			31.25	27.85	0.610	87.039	87039	87M0G7W
	16QAM			30.01	26.61	0.458	86.980	86980	87M0D7W
100.0	BPSK	2546.0	2640.0	31.70	28.30	0.676	96.820	96820	96M8G7W
	QPSK			31.22	27.82	0.605	96.639	96639	96M6G7W
	16QAM			30.09	26.69	0.467	96.709	96709	96M7D7W

ULCA LTE BAND 41 (FCC)

Part 27									
EIRP Limit (W)		2.00							
Antenna Gain (dBi) (ANT4)		-0.90							
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	28.70	27.80	0.603	23.288	23288	23M3G7W
	16QAM			27.20	26.30	0.427	23.252	23252	23M3D7W
20+5	QPSK	2506.0	2686.7	28.70	27.80	0.603	23.270	23270	23M3G7W
	16QAM			27.20	26.30	0.427	23.251	23251	23M3D7W
10+20	QPSK	2501.5	2680.0	28.70	27.80	0.603	28.054	28054	28M1G7W
	16QAM			27.20	26.30	0.427	28.046	28046	28M0D7W
20+10	QPSK	2506.0	2684.5	28.70	27.80	0.603	28.057	28057	28M1G7W
	16QAM			27.20	26.30	0.427	28.031	28031	28M0D7W
15+15	QPSK	2503.5	2682.5	28.70	27.80	0.603	28.625	28625	28M6G7W
	16QAM			27.20	26.30	0.427	28.724	28724	28M7D7W
15+20	QPSK	2503.8	2680.0	28.70	27.80	0.603	32.830	32830	32M8G7W
	16QAM			27.20	26.30	0.427	33.012	33012	33M0D7W
20+15	QPSK	2506.0	2682.2	28.70	27.80	0.603	32.864	32864	32M9G7W
	16QAM			27.20	26.30	0.427	32.879	32879	32M9D7W
20+20	QPSK	2506.0	2680.0	28.70	27.80	0.603	37.809	37809	37M8G7W
	16QAM			27.20	26.30	0.427	37.699	37699	37M7D7W

LTE BAND 41 (IC)

RSS 199									
EIRP Limit (W)		2.00							
Antenna Gain (dBi) (ANT4)		-0.90							
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	28.70	27.80	0.603	4.509	4509	4M51G7W
	16QAM			27.67	26.77	0.475	4.511	4511	4M51D7W
10.0	QPSK	2505.0	2685.0	28.70	27.80	0.603	9.007	9007	9M01G7W
	16QAM			27.70	26.80	0.479	8.992	8992	8M99D7W
15.0	QPSK	2507.5	2682.5	28.70	27.80	0.603	13.479	13479	13M5G7W
	16QAM			27.65	26.75	0.473	13.476	13476	13M5D7W
20.0	QPSK	2510.0	2680.0	28.70	27.80	0.603	17.964	17964	18M0G7W
	16QAM			27.70	26.80	0.479	17.993	17993	18M0D7W

5G NR n41 (IC SISO)

RSS 199									
EIRP Limit (W)		2.00							
Antenna Gain (dBi) (ANT4)		-0.90							
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	28.70	27.80	0.603	8.663	8663	8M66G7W
	QPSK			28.70	27.80	0.603	8.671	8671	8M67G7W
	16QAM			27.49	26.59	0.456	8.674	8674	8M67D7W
15.0	BPSK	2507.5	2682.5	28.70	27.80	0.603	13.033	13033	13M0G7W
	QPSK			28.70	27.80	0.603	12.989	12989	13M0G7W
	16QAM			27.56	26.66	0.463	12.976	12976	13M0D7W
20.0	BPSK	2510.0	2680.0	28.70	27.80	0.603	18.021	18021	18M0G7W
	QPSK			28.70	27.80	0.603	17.983	17983	18M0G7W
	16QAM			27.52	26.62	0.459	17.995	17995	18M0D7W
25.0	BPSK	2512.5	2677.5	28.70	27.80	0.603	23.011	23011	23M0G7W
	QPSK			28.70	27.80	0.603	23.023	23023	23M0G7W
	16QAM			27.54	26.64	0.461	23.028	23028	23M0D7W
30.0	BPSK	2515.0	2675.0	28.70	27.80	0.603	26.945	26945	26M9G7W
	QPSK			28.70	27.80	0.603	27.026	27026	27M0G7W
	16QAM			27.57	26.67	0.465	26.955	26955	27M0D7W
35.0	BPSK	2517.5	2672.5	28.70	27.80	0.603	32.300	32300	32M3G7W
	QPSK			28.70	27.80	0.603	32.224	32224	32M2G7W
	16QAM			27.67	26.77	0.475	32.260	32260	32M3D7W
40.0	BPSK	2520.0	2670.0	28.70	27.80	0.603	35.869	35869	35M9G7W
	QPSK			28.70	27.80	0.603	35.873	35873	35M9G7W
	16QAM			27.68	26.78	0.476	35.887	35887	35M9D7W
45.0	BPSK	2522.5	2667.5	28.70	27.80	0.603	38.778	38778	38M8G7W
	QPSK			28.70	27.80	0.603	38.793	38793	38M8G7W
	16QAM			27.64	26.74	0.472	38.765	38765	38M8D7W
50.0	BPSK	2525.0	2665.0	28.70	27.80	0.603	45.893	45893	45M9G7W
	QPSK			28.70	27.80	0.603	45.825	45825	45M8G7W
	16QAM			27.57	26.67	0.465	45.891	45891	45M9D7W
60.0	BPSK	2530.0	2660.0	28.70	27.80	0.603	58.070	58070	58M1G7W
	QPSK			28.70	27.80	0.603	58.016	58016	58M0G7W
	16QAM			27.59	26.69	0.467	57.927	57927	57M9D7W
70.0	BPSK	2535.0	2655.0	28.70	27.80	0.603	64.536	64536	64M5G7W
	QPSK			28.70	27.80	0.603	64.505	64505	64M5G7W
	16QAM			27.49	26.59	0.456	64.579	64579	64M6D7W
80.0	BPSK	2540.0	2650.0	28.70	27.80	0.603	77.334	77334	77M3G7W
	QPSK			28.70	27.80	0.603	77.370	77370	77M4G7W
	16QAM			27.38	26.48	0.445	77.418	77418	77M4D7W
90.0	BPSK	2545.0	2645.0	28.70	27.80	0.603	86.918	86918	86M9G7W
	QPSK			28.70	27.80	0.603	87.087	87087	87M1G7W
	16QAM			27.69	26.79	0.478	86.951	86951	87M0D7W
100.0	BPSK	2550.0	2640.0	28.70	27.80	0.603	96.669	96669	96M7G7W
	QPSK			28.70	27.80	0.603	96.689	96689	96M7G7W
	16QAM			27.40	26.50	0.447	96.808	96808	96M8D7W

5G NR n41 (IC MIMO)

RSS 199									
EIRP Limit (W)		2.00							
Antenna Gain (dBi) (ANT3+1)		-3.40							
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
10.0	BPSK	2505.0	2685.0	31.70	28.30	0.676	8.663	8663	8M66G7W
	QPSK			31.65	28.25	0.668	8.671	8671	8M67G7W
	16QAM			29.92	26.52	0.449	8.674	8674	8M67D7W
15.0	BPSK	2507.5	2682.5	31.70	28.30	0.676	13.033	13033	13M0G7W
	QPSK			31.51	28.11	0.647	12.989	12989	13M0G7W
	16QAM			30.35	26.95	0.495	12.976	12976	13M0D7W
20.0	BPSK	2510.0	2680.0	31.70	28.30	0.676	18.021	18021	18M0G7W
	QPSK			31.65	28.25	0.668	17.983	17983	18M0G7W
	16QAM			30.20	26.80	0.479	17.995	17995	18M0D7W
25.0	BPSK	2512.5	2677.5	31.70	28.30	0.676	23.011	23011	23M0G7W
	QPSK			31.66	28.26	0.670	23.023	23023	23M0G7W
	16QAM			30.33	26.93	0.493	23.028	23028	23M0D7W
30.0	BPSK	2515.0	2675.0	31.70	28.30	0.676	26.945	26945	26M9G7W
	QPSK			31.56	28.16	0.655	27.026	27026	27M0G7W
	16QAM			30.50	27.10	0.513	26.955	26955	27M0D7W
35.0	BPSK	2517.5	2672.5	31.33	27.93	0.621	32.300	32300	32M3G7W
	QPSK			31.36	27.96	0.625	32.224	32224	32M2G7W
	16QAM			30.47	27.07	0.509	32.260	32260	32M3D7W
40.0	BPSK	2520.0	2670.0	31.70	28.30	0.676	35.869	35869	35M9G7W
	QPSK			31.34	27.94	0.622	35.873	35873	35M9G7W
	16QAM			30.37	26.97	0.498	35.887	35887	35M9D7W
45.0	BPSK	2522.5	2667.5	31.70	28.30	0.676	38.778	38778	38M8G7W
	QPSK			31.34	27.94	0.622	38.793	38793	38M8G7W
	16QAM			30.47	27.07	0.509	38.765	38765	38M8D7W
50.0	BPSK	2525.0	2665.0	31.70	28.30	0.676	45.893	45893	45M9G7W
	QPSK			31.36	27.96	0.625	45.825	45825	45M8G7W
	16QAM			30.36	26.96	0.497	45.891	45891	45M9D7W
60.0	BPSK	2530.0	2660.0	31.66	28.26	0.670	58.070	58070	58M1G7W
	QPSK			31.26	27.86	0.611	58.016	58016	58M0G7W
	16QAM			30.41	27.01	0.502	57.927	57927	57M9D7W
70.0	BPSK	2535.0	2655.0	31.61	28.21	0.662	64.536	64536	64M5G7W
	QPSK			31.21	27.81	0.604	64.505	64505	64M5G7W
	16QAM			30.02	26.62	0.459	64.579	64579	64M6D7W
80.0	BPSK	2540.0	2650.0	31.69	28.29	0.675	77.334	77334	77M3G7W
	QPSK			31.21	27.81	0.604	77.370	77370	77M4G7W
	16QAM			29.95	26.55	0.452	77.418	77418	77M4D7W
90.0	BPSK	2545.0	2645.0	31.70	28.30	0.676	86.918	86918	86M9G7W
	QPSK			31.30	27.90	0.617	87.087	87087	87M1G7W
	16QAM			30.06	26.66	0.463	86.951	86951	87M0D7W
100.0	BPSK	2550.0	2640.0	31.70	28.30	0.676	96.669	96669	96M7G7W
	QPSK			31.23	27.83	0.607	96.689	96689	96M7G7W
	16QAM			29.85	26.45	0.442	96.808	96808	96M8D7W

ULCA LTE BAND 41 (IC)

RSS 199									
EIRP Limit (W)		2.00							
Antenna Gain (dBi)_(ANT4)		-0.90							
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	28.70	27.80	0.603	23.273	23273	23M3G7W
	16QAM			26.99	26.09	0.406	23.321	23321	23M3D7W
20+5	QPSK	2510.0	2686.7	28.70	27.80	0.603	23.360	23360	23M4G7W
	16QAM			27.04	26.14	0.411	23.221	23221	23M2D7W
10+20	QPSK	2505.5	2680.0	28.70	27.80	0.603	28.060	28060	28M1G7W
	16QAM			27.02	26.12	0.409	28.097	28097	28M1D7W
20+10	QPSK	2510.0	2684.5	28.70	27.80	0.603	28.015	28015	28M0G7W
	16QAM			27.05	26.15	0.412	27.987	27987	28M0D7W
15+15	QPSK	2507.5	2682.5	28.70	27.80	0.603	28.634	28634	28M6G7W
	16QAM			27.20	26.30	0.427	28.601	28601	28M6D7W
15+20	QPSK	2507.8	2680.0	28.70	27.80	0.603	32.800	32800	32M8G7W
	16QAM			27.04	26.14	0.411	32.935	32935	32M9D7W
20+15	QPSK	2510.0	2682.2	28.70	27.80	0.603	32.869	32869	32M9G7W
	16QAM			27.10	26.20	0.417	32.828	32828	32M8D7W
20+20	QPSK	2510.0	2680.0	28.70	27.80	0.603	37.661	37661	37M7G7W
	16QAM			27.20	26.30	0.427	37.726	37726	37M7D7W

6.3. SOFTWARE AND FIRMWARE

The EUT firmware installed during testing was version 24A343.

6.4. MAXIMUM ANTENNA GAIN AND MAXIMUM ALLOWED OUTPUT POWER

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

SISO MODE

Bands	Frequency Range (MHz)	Antenna Gain (dBi)				Max Allowed Conducted Output Power (dBm)				ERP/EIRP (dBm)			
		ANT14	ANT1	ANT3	ANT4	ANT14	ANT1	ANT3	ANT4	ANT14	ANT1	ANT3	ANT4
LTE Band 7/ 5G NR n7	2500 - 2570	-1.60	-1.40	-2.30	-1.60	25.70	24.70	25.70	24.70	24.10	23.30	23.40	23.10
LTE ULCA Band 7		-1.60	-1.40	-2.30	-1.60	25.70	24.70	25.70	24.70	24.10	23.30	23.40	23.10
LTE Band 41	FCC 2496 – 2680	-2.50	-2.40	-2.70	-0.90	28.70	28.70	28.70	28.70	26.20	26.30	26.00	27.80
5G NR n41		-2.50	-2.40	-2.70	-0.90	28.70	28.70	28.70	28.70	26.20	26.30	26.00	27.80
LTE ULCA Band 41		-2.50	-2.40	-2.70	-0.90	28.70	28.70	28.70	28.70	26.20	26.30	26.00	27.80
LTE Band 41	IC 2500 – 2680	-2.50	-2.40	-2.70	-0.90	28.70	28.70	28.70	28.70	26.20	26.30	26.00	27.80
5G NR n41		-2.50	-2.40	-2.70	-0.90	28.70	28.70	28.70	28.70	26.20	26.30	26.00	27.80
LTE ULCA Band 41		-2.50	-2.40	-2.70	-0.90	28.70	28.70	28.70	28.70	26.20	26.30	26.00	27.80
LTE Band 38	2570 – 2620	-3.60	-2.50	-2.50	-1.20	25.70	25.70	25.70	25.70	22.10	23.20	23.20	24.50
5G NR n38		-3.60	-2.50	-2.50	-1.20	25.70	25.70	25.70	25.70	22.10	23.20	23.20	24.50

MIMO MODE

Bands	Frequency Range (MHz)	Antenna	Max Allowed Combined Conducted Output Power (dBm)	Gain (dBi)	EIRP (dBm)
5G NR n41	2496 – 2690	ANT 14+1	31.70	-5.10	26.60
		ANT 14+3	30.20	-5.50	24.70
		ANT 14+4	31.70	-3.60	28.10
		ANT 3+1	31.70	-3.40	28.30
		ANT 3+4	31.70	-4.00	27.70
		ANT 4+1	30.20	-3.40	26.80
		ANT 1+4	30.70	-3.50	27.20
		ANT 3+14	30.20	-5.40	24.80

6.5. WORST-CASE CONFIGURATION AND MODE

This report covers the following technologies:

- LTE Band 7, 5G NR n7, ULCA LTE Band 7
- LTE Band 38, 5G NR n38, ULCA LTE Band 38
- LTE Band 41, 5G NR n41 (SISO), 5G NR n41 (MIMO), ULCA LTE Band 41

5G NR n41, SISO data were used for OBW, PAR and FS because these measurements are independent of the number of antennas used simultaneously.

LTE Band 38 and 5G NR n38 (2570-2620MHz) is covered by LTE Band 41 because it is a subset of LTE band 41. 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.

LTE and 5G NR Bands	Worst case Antenna Port
LTE Band 7 and 5G NR n7	Ant 14
LTE Band 38	Ant 14
LTE Band 41	Ant 14
5G NR n41 (SISO)	Ant 14
5G NR n41 (MIMO)	Ant 14+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 shown in the table below.

Frequency Range	ANT 14	ANT 1	ANT 3	ANT 4	ANT 14+1	ANT 14+4	ANT 14+3	ANT 3+1	ANT 3+4	ANT 4+1	ANT 3+14	ANT 1+4
2300 – 2700 MHz	Z	Y	X	X	X	Y	X	Y	X	X	Z	Y

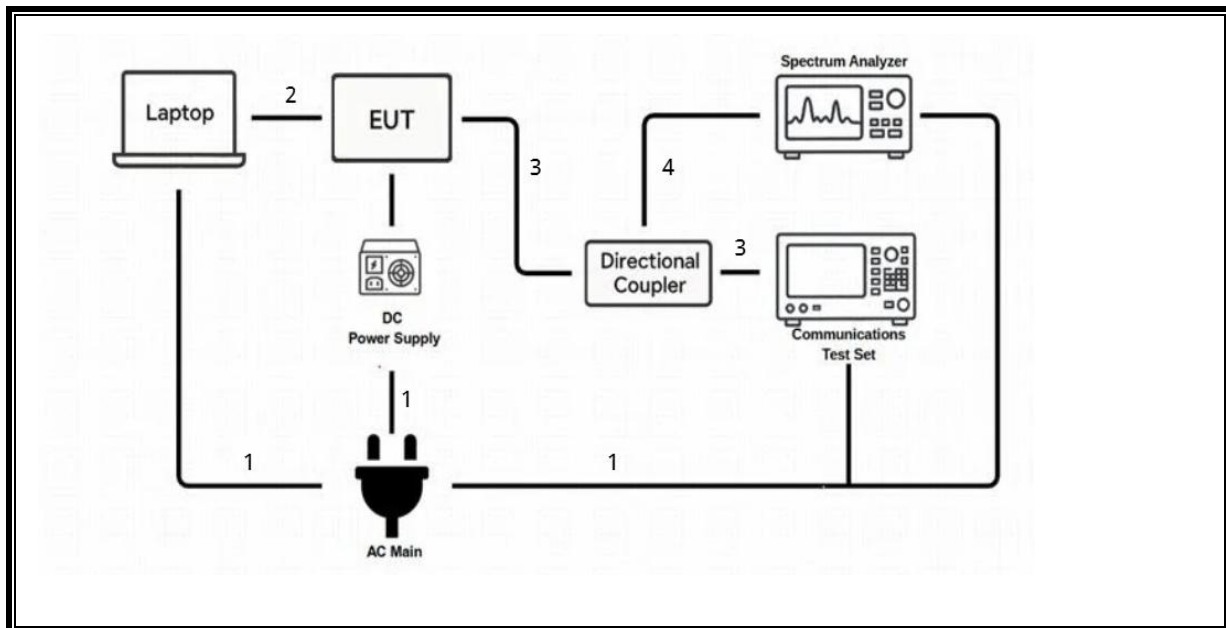
Radiated spurious emissions were investigated from 9kHz to 30MHz, 30MHz-1GHz and above 1GHz. There were no emissions found with less than 20dB of margin from 9kHz to 1GHz and above 18GHz.

For simultaneous transmission of multiple channels in 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.

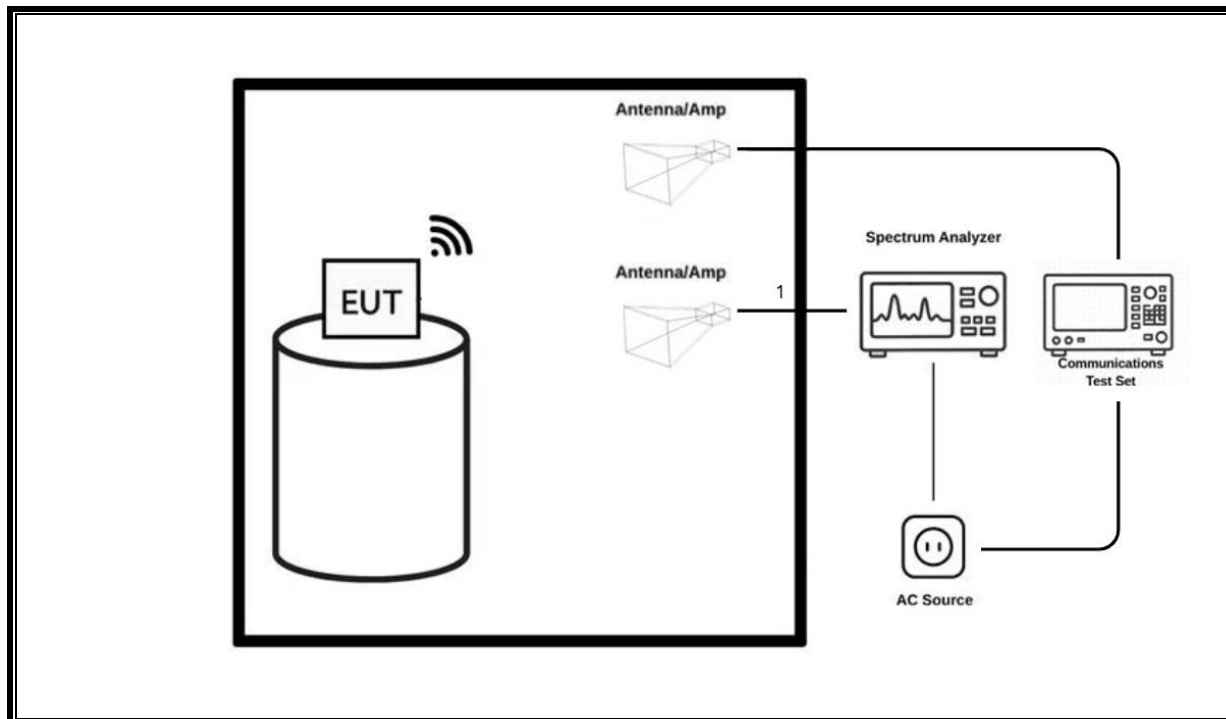
6.6. DESCRIPTION OF TEST SETUP

SUPPORT TEST EQUIPMENT						
Description		Manufacturer	Model	Serial Number	FCC ID/ DoC	
Laptop		Apple	MacBook Pro	F5JJ42D7R9	BCGA1708	
Laptop		Apple	MacBook Pro	JWV2QWM0DT	BCGA2338	
Laptop		Apple	MacBook Pro	FG6Q9RW54Y	BCGA2338	
Laptop		Apple	MacBook Pro	XC2KF6F2D7	BCGA2338	
Laptop		Apple	MacBook Pro	YWCT4V933R	BCGA2338	
Laptop		Apple	MacBook Pro	HRP127004	BCGA2338	
AC/DC adapter		Apple	A1718	C4H64450HH3GN8RA6	--	
AC/DC adapter		Apple	A2130	F16H69002MD000000P	--	
AC/DC adapter		Apple	A1555 P	XQ76XLCJ2D	--	
I/O CABLES (RF CONDUCTED TEST)						
Cable No.	Port	# of Identical Ports	Connector Type	Cable Type	Cable Length (m)	Remarks
1	AC	3	US 115V	Un-shielded	2.0	N/A
2	USB	1	DC	Shielded	1.0	N/A
3	RF In/Out	2	SMA	Shielded	0.9	N/A
4	RF In/Out	1	Barrel	Shielded	N/A	N/A
I/O CABLES (RF RADIATED TEST)						
Cable No.	Port	# of Identical Ports	Connector Type	Cable Type	Cable Length (m)	Remarks
1	RF In/Out	1	SMA	Shielded	5.0	N/A

CONDUCTED SETUP



RADIATED STUP



7. TEST AND MEASUREMENT EQUIPMENT

The following test and measurement equipment was 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	222796	2027-03-03
EMI TEST RECEIVER	Rohde & Schwarz	ESW44	169933	2027-02-28
Antenna, Horn 1-18GHz	ETS Lindgren	3117	80402	2027-07-31
RF Filter Box, 1-18GHz, 12 Port	UL-FR1	Frankenstein	231874	2027-01-31
EMI TEST RECEIVER	Rohde & Schwarz	ESW44	170063	2027-02-27
RF Filter Box, 1-18GHz, 12 Port	UL-FR1	Frankenstein	231875	2026-12-31
Antenna, Horn 1-18GHz	ETS Lindgren	3117	223084	2026-12-31
Antenna, Broadband Hybrid, 30MHz to 3GHz	Sunol Sciences Corp.	JB3	174374	2027-06-30
Amplifier 9 kHz - 1 GHz	SONOMA INSTRUMENT	310N	224490	2026-05-06
Antenna, Passive Loop 30Hz - 1MHz	ELECTRO-METRICS	EM-6871	170013	2026-09-30
Antenna, Passive Loop 100KHz - 30MHz	ELECTRO-METRICS	EM-6872	170015	2026-09-30
Antenna, Horn 18 to 26.5GHz	A.R.A.	MWH-1826/B	199659	2028-05-31
*Link File, RF Amplifier Assembly, 18-26.5GHz, 60dB Gain	AMPLICAL	AMP18G26.5-60	220194	2026-04-29
Antenna, Horn 26.5-40GHz	A.R.A.	MWH-2640/B	199661	2028-05-31
*Link File, RF Amplifier Assembly, 26.5-40GHz, 65dB Gain	Amplical	AMP26G40-65	220193	2026-04-30
EMI TEST RECEIVER	Rohde & Schwarz	ESW44	169937	2027-05-31
Antenna, Horn 1-18GHz	ETS Lindgren	84797	80402	2026-10-31
RF Filter Box, 1-18GHz, 17 Port	UL-FR1	RATS 2	225079	2027-05-31
RF Filter Box, 1-18GHz, 12 Port	UL-FR1	Frankenstein	230878	2028-05-31
Antenna, Horn 1-18GHz	ETS Lindgren	84797	200897	2027-03-18
EMI TEST RECEIVER	Rohde & Schwarz	ESW44	169935	2027-05-31
PXA Signal Analyzer	Keysight Technologies Inc	N9030B	272589	2026-10-03
PXA Signal Analyzer	Keysight Technologies Inc	N9030B	231739	2027-01-31
PXA Signal Analyzer	Keysight Technologies Inc	N9030B	276680	2027-01-31
PXA Signal Analyzer	Keysight Technologies Inc	N9030B	272595	2026-11-30
Wideband Communication Call Box	Rohde & Schwarz	CMW500	230298	2027-02-28
Wideband Communication Call Box	Rohde & Schwarz	CMW500	230295	2027-02-28
Wideband Communication Call Box	Rohde & Schwarz	CMW500	262742	2027-02-11
Wideband Communication Call Box	Rohde & Schwarz	CMW500	262741	2027-02-11
Conducted Switch Box	N/A	CSB	245778	2026-10-31
Conducted Switch Box	N/A	CSB	262354	2026-10-31
Filter, BRF 3400-3800MHz, 18GHz max	Micro-Tronics	BRM50711	217364	2026-11-24
*Filter, BRF 2305-2315	Micro-Tronics	BRC20553	224186	2026-06-29
Directional Coupler	KRYTAR	152610	254457	2026-09-04
Directional Coupler	KRYTAR	101040010K	254458	2026-09-04
*Chamber, Environmental	Cincinnati Sub Zero	ZPHS-8-3.5-SCT/WC	89097	2026-05-31
UL AUTOMATION SOFTWARE				
Conducted Software	UL	Antenna Port	Ver.2022.8.16	
Conducted Software	UL	Station Tool	Ver. 12.2, 2.0, 5.0, 6.0	
Radiated Software	UL	UL EMC	Ver 9.5, May 1, 2023	

NOTES:

- * Testing is completed before equipment expiration date.
- ** Equipment listed above that has a calibration due date during the testing period, the testing is completed before equipment expiration date.

8. RF OUTPUT POWER MEASUREMENTS

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:	19210	Test Date:	2026-03-26
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OUTPUT POWER FOR LTE BAND 7 (5.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 14			ANT 1			ANT 3			ANT 4		
				20775	21100	21425	20775	21100	21425	20775	21100	21425	20775	21100	21425
5.0	QPSK	1	0	25.66	25.43	25.57	24.70	24.41	24.28	25.49	25.52	25.59	24.39	24.64	24.44
		1	12	25.70	25.51	25.64	24.68	24.46	24.23	25.52	25.43	25.70	24.59	24.69	24.43
		1	24	25.55	25.45	25.61	24.59	24.42	24.33	25.49	25.49	25.56	24.70	24.65	24.45
		12	0	24.44	24.48	24.52	23.57	23.36	23.20	24.62	24.43	24.45	23.68	23.69	23.48
		12	6	24.57	24.42	24.55	23.69	23.48	23.29	24.41	24.42	24.44	23.66	23.66	23.54
		12	11	24.44	24.51	24.62	23.62	23.32	23.22	24.45	24.56	24.55	23.62	23.60	23.44
		25	0	24.46	24.40	24.56	23.57	23.38	23.21	24.50	24.53	24.69	23.68	23.67	23.49
	16QAM	1	0	24.55	24.52	24.52	23.43	23.69	23.39	24.53	24.55	24.45	23.52	23.63	23.70
		1	12	24.64	24.65	24.54	23.44	23.62	23.49	24.60	24.42	24.45	23.64	23.62	23.70
		1	24	24.40	24.70	24.47	23.69	23.51	23.42	24.45	24.66	24.67	23.65	23.40	23.54
		12	0	23.69	23.62	23.52	22.62	22.47	22.26	23.53	23.51	23.55	22.46	22.67	22.48
		12	6	23.56	23.47	23.54	22.69	22.49	22.36	23.53	23.46	23.53	22.50	22.54	22.62
		12	11	23.42	23.44	23.67	22.64	22.40	22.38	23.50	23.46	23.40	22.40	22.67	22.48
		25	0	23.42	23.59	23.53	22.60	22.44	22.27	23.40	23.42	23.56	22.57	22.64	22.53
	64QAM	1	0	23.61	23.70	23.41	22.62	22.69	22.46	23.54	23.65	23.59	22.19	22.63	22.69
		1	12	23.42	23.68	23.68	22.45	22.67	22.59	23.68	23.58	23.58	22.65	22.53	22.50
		1	24	23.56	23.61	23.43	22.61	22.67	22.39	23.56	23.48	23.43	22.52	22.70	22.69
		12	0	22.47	22.68	22.53	21.65	21.48	21.27	22.65	22.44	22.67	21.61	21.69	21.48
		12	6	22.63	22.50	22.49	21.52	21.51	21.30	22.49	22.50	22.65	21.46	21.41	21.61
		12	11	22.66	22.61	22.66	21.62	21.40	21.25	22.43	22.43	22.64	21.56	21.62	21.47
		25	0	22.57	22.57	22.65	21.63	21.40	21.21	22.58	22.45	22.41	21.59	21.70	21.48
	256QAM	1	0	20.47	20.49	20.65	19.70	19.52	19.32	20.62	20.51	20.41	19.58	19.60	19.61
		1	12	20.49	20.62	20.68	19.59	19.67	19.35	20.69	20.54	20.47	19.56	19.57	19.57
		1	24	20.60	20.55	20.55	19.69	19.42	19.24	20.60	20.63	20.52	19.57	19.68	19.57
		12	0	20.57	20.60	20.69	19.67	19.46	19.26	20.61	20.57	20.52	19.63	19.51	19.53
		12	6	20.46	20.47	20.63	19.58	19.46	19.34	20.68	20.44	20.69	19.70	19.44	19.56
		12	11	20.51	20.56	20.49	19.57	19.42	19.25	20.46	20.54	20.53	19.47	19.64	19.48
		25	0	20.47	20.49	20.65	19.70	19.52	19.32	20.62	20.51	20.41	19.58	19.60	19.61

OUTPUT POWER FOR LTE BAND 7 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 14			ANT 1			ANT 3			ANT 4		
				20800	21100	21400	20800	21100	21400	20800	21100	21400	20800	21100	21400
10.0	QPSK	1	0	25.66	25.47	25.53	24.60	24.40	24.17	25.62	25.67	25.43	23.88	24.60	24.44
		1	24	25.70	25.43	25.58	24.70	24.32	24.23	25.63	25.70	25.57	24.51	24.63	24.36
		1	49	25.48	25.46	25.45	24.52	24.36	24.11	25.60	25.63	25.55	24.70	24.54	24.29
		25	0	24.65	24.68	24.65	23.66	23.33	23.28	24.68	24.54	24.56	23.66	23.60	23.38
		25	12	24.44	24.41	24.61	23.67	23.39	23.27	24.61	24.70	24.49	23.55	23.67	23.41
		25	24	24.53	24.65	24.58	23.52	23.26	23.24	24.49	24.49	24.63	23.67	23.51	23.33
		50	0	24.48	24.50	24.40	23.62	23.37	23.25	24.46	24.49	24.61	23.70	23.57	23.37
	16QAM	1	0	24.57	24.44	24.57	23.51	23.42	23.20	24.65	24.45	24.66	23.54	23.51	23.51
		1	24	24.65	24.54	24.58	23.62	23.40	23.40	24.64	24.46	24.44	23.66	23.67	23.66
		1	49	24.70	24.63	24.57	23.59	23.34	23.15	24.56	24.66	24.42	23.46	23.60	23.30
		25	0	23.41	23.55	23.59	22.70	22.37	22.27	23.58	23.42	23.69	22.65	22.54	22.38
		25	12	23.42	23.52	23.67	22.63	22.38	22.28	23.46	23.42	23.62	22.52	22.60	22.48
		25	24	23.44	23.65	23.47	22.50	22.34	22.33	23.43	23.42	23.59	22.64	22.55	22.31
		50	0	23.47	23.52	23.54	22.58	22.43	22.22	23.49	23.48	23.43	22.58	22.54	22.40
	64QAM	1	0	23.44	23.51	23.60	22.46	22.47	22.34	23.40	23.55	23.51	22.48	22.62	22.53
		1	24	23.48	23.69	23.43	22.51	22.55	22.40	23.70	23.48	23.45	22.64	22.58	22.59
		1	49	23.45	23.44	23.40	22.68	22.61	22.42	23.63	23.44	23.69	22.63	22.67	22.42
		25	0	22.43	22.43	22.43	21.66	21.42	21.28	22.53	22.63	22.53	21.65	21.59	21.41
		25	12	22.46	22.59	22.64	21.64	21.43	21.33	22.44	22.42	22.70	21.52	21.61	21.40
		25	24	22.44	22.62	22.58	21.53	21.32	21.31	22.68	22.59	22.48	21.69	21.55	21.31
		50	0	22.43	22.41	22.58	21.63	21.42	21.34	22.62	22.44	22.46	21.68	21.64	21.41
	256QAM	1	0	20.70	20.56	20.49	19.56	19.44	19.43	20.40	20.55	20.49	19.54	19.66	19.65
		1	24	20.59	20.64	20.54	19.64	19.45	19.55	20.44	20.41	20.57	19.57	19.62	19.52
		1	49	20.48	20.59	20.63	19.51	19.34	19.33	20.43	20.54	20.43	19.65	19.60	19.34
		25	0	20.65	20.60	20.70	19.65	19.48	19.35	20.66	20.47	20.42	19.42	19.57	19.47
		25	12	20.60	20.64	20.41	19.62	19.52	19.34	20.49	20.64	20.54	19.53	19.61	19.48
		25	24	20.50	20.67	20.57	19.52	19.30	19.27	20.66	20.53	20.45	19.69	19.50	19.32
		50	0	20.43	20.53	20.46	19.60	19.44	19.28	20.42	20.56	20.63	19.69	19.66	19.42

OUTPUT POWER FOR LTE BAND 7 (15.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 14			ANT 1			ANT 3			ANT 4		
				20825	21100	21375	20825	21100	21375	20825	21100	21375	20825	21100	21375
15.0	QPSK	1	0	25.50	25.36	25.42	24.62	24.56	24.26	25.55	25.54	25.70	23.67	24.53	24.24
		1	37	25.70	25.24	25.38	24.70	24.40	24.32	25.70	25.61	25.61	24.56	24.45	24.16
		1	74	25.41	25.25	25.33	24.55	24.42	24.31	25.65	25.57	25.64	24.70	24.47	24.12
		36	0	24.54	24.46	24.65	23.69	23.45	23.40	24.51	24.53	24.70	23.69	23.52	23.24
		36	16	24.55	24.47	24.53	23.63	23.52	23.35	24.55	24.40	24.70	23.68	23.54	23.24
		36	35	24.70	24.52	24.40	23.52	23.40	23.27	24.62	24.46	24.59	23.64	23.50	23.17
	16QAM	75	0	24.65	24.53	24.43	23.62	23.46	23.31	24.43	24.45	24.59	23.69	23.51	23.29
		1	0	24.41	24.63	24.40	23.47	23.56	23.28	24.68	24.49	24.52	23.55	23.70	23.54
		1	37	24.54	24.67	24.44	23.46	23.59	23.50	24.62	24.61	24.64	23.65	23.56	23.44
		1	74	24.68	24.61	24.60	23.64	23.54	23.40	24.65	24.66	24.63	23.66	23.56	23.20
		36	0	23.48	23.56	23.42	22.62	22.54	22.41	23.67	23.67	23.67	22.69	22.53	22.34
		36	16	23.50	23.64	23.41	22.69	22.54	22.42	23.64	23.56	23.43	22.68	22.58	22.35
	64QAM	36	35	23.40	23.53	23.66	22.53	22.44	22.27	23.67	23.69	23.45	22.62	22.48	22.23
		75	0	23.50	23.66	23.52	22.67	22.51	22.37	23.62	23.54	23.58	22.43	22.58	22.32
		1	0	23.45	23.66	23.42	22.70	22.55	22.37	23.61	23.61	23.56	22.42	22.67	22.48
		1	37	23.40	23.46	23.52	22.61	22.62	22.43	23.43	23.51	23.60	22.45	22.58	22.48
		1	74	23.60	23.57	23.55	22.62	22.52	22.42	23.48	23.49	23.52	22.46	22.60	22.57
		36	0	22.44	22.51	22.42	21.63	21.60	21.39	22.62	22.44	22.62	21.53	21.64	21.31
	256QAM	36	16	22.68	22.68	22.42	21.69	21.54	21.38	22.54	22.67	22.53	21.68	21.60	21.29
		36	35	22.47	22.67	22.60	21.60	21.48	21.31	22.69	22.67	22.69	21.60	21.51	21.25
		75	0	22.53	22.56	22.45	21.69	21.57	21.40	22.70	22.51	22.51	21.43	21.55	21.36
		1	0	20.46	20.49	20.56	19.69	19.62	19.64	20.60	20.46	20.70	19.47	19.57	19.46
		1	37	20.64	20.62	20.57	19.70	19.61	19.40	20.62	20.66	20.56	19.56	19.64	19.51
		1	74	20.64	20.45	20.61	19.69	19.60	19.28	20.52	20.53	20.65	19.54	19.53	19.41
	256QAM	36	0	20.64	20.70	20.59	19.40	19.50	19.37	20.67	20.54	20.49	19.66	19.49	19.29
		36	16	20.44	20.55	20.65	19.62	19.57	19.34	20.66	20.64	20.67	19.64	19.48	19.31
		36	35	20.54	20.64	20.66	19.62	19.49	19.31	20.44	20.46	20.57	19.55	19.39	19.29
		75	0	20.41	20.40	20.44	19.69	19.52	19.35	20.44	20.44	20.55	19.55	19.44	19.29

OUTPUT POWER FOR LTE BAND 7 (20.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 14			ANT 1			ANT 3			ANT 4		
				20850	21100	21350	20850	21100	21350	20850	21100	21350	20850	21100	21350
20.0	QPSK	1	0	25.53	25.40	25.42	24.63	24.49	24.42	25.44	25.45	25.62	23.81	24.37	24.41
		1	49	25.51	25.70	25.43	24.68	24.70	24.35	25.46	25.43	25.53	24.70	24.39	24.03
		1	99	25.48	25.35	25.55	24.60	24.48	24.30	25.70	25.52	25.56	24.63	24.34	24.16
		50	0	24.59	24.58	24.49	23.68	23.59	23.43	24.40	24.42	24.47	23.58	23.45	23.30
		50	24	24.64	24.49	24.63	23.62	23.60	23.41	24.51	24.63	24.62	23.46	23.49	23.36
		50	49	24.42	24.64	24.41	23.59	23.43	23.33	24.41	24.67	24.47	23.59	23.39	23.21
	16QAM	100	0	24.52	24.53	24.45	23.64	23.54	23.40	24.62	24.60	24.54	23.64	23.42	23.29
		1	0	24.57	24.64	24.49	23.48	23.52	23.54	24.47	24.54	24.60	23.59	23.57	23.38
		1	49	24.64	24.61	24.55	23.67	23.68	23.58	24.63	24.55	24.50	23.57	23.51	23.36
		1	99	24.46	24.61	24.60	23.67	23.61	23.63	24.67	24.57	24.69	23.65	23.68	23.31
		50	0	23.63	23.50	23.58	22.68	22.57	22.45	23.64	23.41	23.52	22.64	22.50	22.41
		50	24	23.62	23.49	23.46	22.60	22.57	22.44	23.44	23.66	23.45	22.64	22.58	22.37
	64QAM	50	49	23.45	23.51	23.70	22.59	22.50	22.33	23.41	23.53	23.68	22.62	22.45	22.23
		100	0	23.64	23.61	23.61	22.61	22.56	22.45	23.44	23.58	23.64	22.63	22.52	22.35
		1	0	23.53	23.62	23.63	22.48	22.42	22.45	23.40	23.68	23.60	22.47	22.68	22.32
		1	49	23.68	23.54	23.49	22.44	22.64	22.65	23.55	23.68	23.51	22.65	22.43	22.51
		1	99	23.44	23.59	23.47	22.68	22.50	22.64	23.43	23.57	23.40	22.41	22.53	22.53
		50	0	22.57	22.70	22.42	21.43	21.57	21.45	22.57	22.62	22.43	21.66	21.56	21.39
	256QAM	50	24	22.65	22.46	22.65	21.66	21.57	21.47	22.68	22.50	22.43	21.68	21.55	21.39
		50	49	22.49	22.53	22.55	21.62	21.51	21.36	22.64	22.69	22.63	21.67	21.48	21.26
		100	0	22.50	22.53	22.46	21.63	21.57	21.47	22.57	22.52	22.65	21.68	21.51	21.35
		1	0	20.66	20.69	20.47	19.61	19.63	19.64	20.66	20.56	20.45	19.11	19.67	19.39
		1	49	20.64	20.68	20.41	19.44	19.64	19.59	20.60	20.60	20.61	19.54	19.67	19.46
		1	99	20.41	20.64	20.66	19.62	19.44	19.46	20.50	20.43	20.61	19.63	19.45	19.43
	256QAM	50	0	20.62	20.57	20.55	19.62	19.56	19.45	20.45	20.65	20.49	19.62	19.54	19.39
		50	24	20.64	20.56	20.60	19.69	19.57	19.45	20.69	20.69	20.45	19.68	19.49	19.40
		50	49	20.45	20.51	20.48	19.61	19.51	19.38	20.70	20.61	20.52	19.64	19.49	19.32
		100	0	20.69	20.67	20.47	19.65	19.54	19.42	20.59	20.41	20.69	19.68	19.54	19.34

8.2. 5G NR n7

Test Engineer ID:	25780	Test Date:	2026-03-18
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OUTPUT POWER FOR 5G NR n7 (5.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 14			ANT 1			ANT 3			ANT 4		
				500500	507000	513500	500500	507000	513500	500500	507000	513500	500500	507000	513500
5.0	BPSK	1	0	23.61	24.81	23.71	23.52	24.00	23.37	24.92	25.01	25.17	23.26	24.19	23.75
		1	1	24.17	25.62	24.21	24.12	24.53	23.92	25.49	25.49	25.55	23.75	24.60	24.16
		1	23	23.97	25.57	24.63	23.98	24.62	23.97	25.57	25.52	25.66	24.36	24.29	24.01
		1	24	23.49	25.01	24.13	23.50	24.09	23.47	25.01	24.98	25.07	23.92	23.76	23.51
		12	6	24.09	25.70	24.44	24.05	24.64	24.04	25.64	25.58	25.68	24.01	24.70	24.59
		25	0	23.48	24.89	23.74	23.43	23.96	23.33	24.93	24.88	25.00	23.38	24.09	24.05
	QPSK	1	0	23.11	24.67	23.23	23.06	23.52	22.81	23.95	24.45	24.58	21.78	22.74	22.17
		1	1	24.10	25.66	24.25	24.07	24.55	23.84	24.99	25.55	25.59	22.85	23.74	23.13
		1	23	23.99	25.47	24.49	23.96	24.63	24.01	25.51	25.47	25.52	23.53	23.47	23.17
		1	24	22.89	24.52	23.58	22.92	23.61	22.96	24.58	24.46	24.47	22.59	22.42	22.26
		12	6	24.13	25.25	24.11	24.07	24.70	24.00	25.04	25.55	25.70	23.04	24.12	23.80
		25	0	22.97	24.26	23.16	23.01	23.58	22.89	23.92	24.44	24.46	21.88	22.96	22.65
	16QAM	1	0	22.06	23.51	22.05	21.99	22.42	21.84	22.98	23.42	23.49	20.79	21.84	21.27
		1	1	23.08	24.55	23.01	22.92	23.55	22.81	24.09	24.35	24.46	22.00	22.85	22.33
		1	23	22.87	24.42	23.44	22.77	23.66	22.92	24.50	24.43	24.48	22.69	22.64	22.39
		1	24	21.88	23.36	22.42	21.80	22.67	21.83	23.37	23.39	23.55	21.69	21.54	21.42
		12	6	22.96	24.26	23.26	22.86	23.47	22.84	24.12	24.41	24.48	22.10	23.15	22.91
		25	0	21.93	23.30	22.21	21.85	22.48	21.79	23.09	23.38	23.45	20.97	22.16	21.90
	64QAM	1	0	21.52	23.01	21.53	21.35	21.94	21.28	22.58	22.86	22.94	20.46	21.44	20.91
		1	1	21.50	23.05	21.59	21.46	22.03	21.16	22.54	22.89	22.90	20.44	21.51	20.98
		1	23	21.33	22.99	21.91	21.44	22.01	21.35	23.03	22.96	23.12	21.18	21.22	21.11
		1	24	21.28	22.93	22.03	21.34	21.85	21.36	22.99	22.90	23.08	21.31	21.01	20.97
		12	6	21.40	22.93	21.81	21.37	22.12	21.28	22.59	22.83	23.03	20.61	21.79	21.49
		25	0	21.36	22.73	21.67	21.31	22.11	21.27	22.50	22.81	23.01	20.49	21.71	21.41
	256QAM	1	0	19.49	21.10	19.51	19.51	19.99	19.31	20.69	20.85	21.04	18.98	19.81	19.48
		1	1	19.44	21.11	19.50	19.44	20.07	19.23	20.95	20.91	20.91	18.98	19.92	19.55
		1	23	19.33	20.90	19.94	19.29	20.19	19.40	20.94	21.00	21.06	19.70	19.71	19.61
		1	24	19.25	20.85	19.96	19.29	20.15	19.27	20.76	20.91	21.02	19.92	19.67	19.57
		12	6	19.41	21.00	19.73	19.32	20.06	19.30	20.95	20.89	21.03	19.12	20.12	19.91
		25	0	19.38	20.91	19.71	19.33	20.06	19.35	20.95	20.86	20.99	19.03	20.09	20.05

OUTPUT POWER FOR 5G NR n7 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 14			ANT 1			ANT 3			ANT 4		
				501000	507000	513000	501000	507000	513000	501000	507000	513000	501000	507000	513000
10.0	BPSK	1	0	23.42	25.11	23.42	23.58	23.91	23.28	24.99	24.88	24.92	23.43	24.15	23.76
		1	1	24.15	25.62	23.98	24.15	24.50	23.85	25.49	25.48	25.52	23.83	24.70	24.17
		1	50	24.01	25.32	24.52	23.87	24.70	23.86	25.70	25.48	25.60	24.39	24.25	23.95
		1	51	23.38	24.60	23.95	23.30	24.03	23.26	24.96	24.85	25.01	23.93	23.74	23.46
		25	12	23.83	25.55	24.05	23.96	24.62	23.75	25.50	25.43	25.34	23.95	24.55	24.01
		50	0	23.28	24.98	23.48	23.41	24.03	23.17	24.88	24.83	24.87	23.58	24.05	23.62
	QPSK	1	0	22.98	24.58	22.90	23.10	23.43	22.77	23.93	24.36	24.17	21.80	23.06	22.25
		1	1	24.17	25.70	24.06	24.25	24.52	23.87	24.91	25.61	25.15	22.82	24.03	23.28
		1	50	24.02	25.34	24.51	23.84	24.47	23.89	25.55	25.51	25.38	23.56	23.36	23.17
		1	51	22.90	24.16	23.45	22.79	23.66	22.81	24.48	24.38	24.52	22.65	22.51	22.28
		25	12	23.87	25.22	24.19	23.97	24.64	23.41	25.37	25.48	25.44	23.36	24.01	23.43
		50	0	22.77	24.35	23.07	22.84	23.42	22.67	24.32	24.44	24.26	22.12	22.88	22.36
	16QAM	1	0	21.98	23.42	21.75	22.10	22.14	21.62	23.03	23.36	23.32	20.87	22.03	21.55
		1	1	22.90	24.40	22.75	22.94	23.15	22.59	24.04	24.36	24.23	21.92	23.16	22.36
		1	50	22.72	24.16	23.23	22.64	23.42	22.72	24.47	24.38	24.48	22.73	22.56	22.29
		1	51	21.77	23.13	22.41	21.63	22.31	21.62	23.32	23.27	23.30	21.78	21.66	21.42
		25	12	22.72	24.28	22.89	22.77	23.29	22.52	24.36	24.35	24.37	22.53	23.12	22.44
		50	0	21.74	23.29	21.97	21.75	22.23	21.60	23.40	23.33	23.34	21.42	22.07	21.51
	64QAM	1	0	21.43	22.85	21.27	21.44	21.61	21.19	22.43	22.92	22.93	20.41	21.79	20.94
		1	1	21.46	22.94	21.23	21.50	21.60	21.07	22.63	22.87	22.70	20.51	21.75	21.12
		1	50	21.39	22.43	21.82	21.22	21.99	21.13	22.94	22.73	22.90	21.37	21.02	21.11
		1	51	21.28	22.64	21.88	21.19	21.83	21.14	22.97	22.83	22.94	21.38	21.18	21.06
		25	12	21.29	22.92	21.45	21.25	21.71	21.05	22.85	22.73	22.75	21.02	21.75	21.12
		50	0	21.32	22.88	21.51	21.26	21.78	21.09	22.69	22.85	22.80	20.74	21.64	21.01
	256QAM	1	0	19.44	20.83	19.29	19.52	19.60	19.08	20.77	20.85	20.73	18.93	20.03	19.52
		1	1	19.34	20.77	19.18	19.43	19.59	19.08	20.74	20.89	20.77	18.96	20.08	19.62
		1	50	19.42	20.50	19.77	19.20	19.67	19.05	20.75	20.75	20.85	19.81	19.64	19.47
		1	51	19.19	20.43	19.71	19.17	19.76	19.10	20.90	20.82	20.75	20.10	19.71	19.53
		25	12	19.20	20.86	19.51	19.27	19.74	19.05	20.81	20.76	20.77	19.53	20.01	19.68
		50	0	19.19	20.87	19.51	19.29	19.75	19.08	20.88	20.78	20.75	19.43	20.04	19.62

OUTPUT POWER FOR 5G NR n7 (15.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 14			ANT 1			ANT 3			ANT 4		
				501500	507000	512500	501500	507000	512500	501500	507000	512500	501500	507000	512500
15.0	BPSK	1	0	23.70	25.11	23.50	23.62	23.82	23.38	24.98	25.02	24.90	23.35	23.98	24.01
		1	1	24.25	25.70	24.05	24.09	24.40	23.93	25.57	25.59	25.52	23.71	24.64	24.70
		1	77	24.44	25.26	24.69	23.94	24.70	24.06	25.63	25.54	25.68	24.37	24.24	23.92
		1	78	23.80	24.55	24.12	23.29	24.10	23.42	24.99	24.96	25.04	23.92	23.79	23.44
		36	18	24.00	25.59	24.04	23.86	24.58	23.85	25.67	25.50	25.46	24.19	24.50	23.92
		75	0	23.44	24.97	23.62	23.25	24.00	23.28	24.94	24.88	24.84	23.66	23.89	23.45
	QPSK	1	0	23.08	24.48	23.02	23.03	23.06	22.67	24.02	24.48	24.38	21.77	23.12	22.86
		1	1	24.18	25.60	24.07	24.18	24.03	23.58	24.98	25.59	25.54	22.79	24.09	23.79
		1	77	24.32	25.25	24.77	23.96	24.12	23.67	25.52	25.62	25.49	23.57	23.36	23.11
		1	78	23.30	24.08	23.55	22.82	23.00	22.81	24.55	24.50	24.58	22.79	22.51	22.15
		36	18	24.00	25.47	24.08	23.87	23.80	23.32	25.70	25.59	25.25	23.55	23.93	23.08
		75	0	22.99	24.53	23.11	22.81	23.04	22.41	24.36	24.47	24.37	22.31	22.80	22.27
	16QAM	1	0	21.96	23.47	21.99	22.01	22.02	21.72	23.14	23.35	23.36	21.08	22.37	21.88
		1	1	23.21	24.48	23.01	22.92	22.91	22.79	23.99	24.40	24.54	22.02	23.35	22.93
		1	77	23.16	24.02	23.66	22.81	22.97	22.64	24.40	24.39	24.48	22.88	22.56	22.31
		1	78	22.12	22.82	22.48	21.76	21.95	21.78	23.41	23.37	23.51	21.88	21.56	21.35
		36	18	22.81	24.49	22.95	22.62	22.91	22.45	24.35	24.29	24.41	22.56	22.99	22.29
		75	0	21.95	23.46	22.01	21.65	21.92	21.60	23.39	23.35	23.38	21.46	22.04	21.42
	64QAM	1	0	21.50	22.99	21.32	21.49	21.38	21.42	22.48	22.98	22.67	20.46	21.86	21.71
		1	1	21.73	23.08	21.54	21.38	21.25	21.51	22.74	22.96	22.85	20.29	21.83	21.53
		1	77	21.70	22.58	22.00	21.18	21.49	21.31	22.96	22.96	22.82	21.52	21.13	21.03
		1	78	21.68	22.59	22.14	21.20	21.37	21.17	23.14	22.90	22.91	21.53	21.27	20.99
		36	18	21.29	22.92	21.40	21.23	21.39	21.11	22.88	22.81	22.78	21.24	21.52	20.89
		75	0	21.40	22.91	21.51	21.27	21.38	21.00	22.89	22.91	22.83	20.97	21.58	21.00
	256QAM	1	0	19.63	21.09	19.60	19.42	19.15	19.54	20.87	20.91	20.97	18.83	20.08	19.94
		1	1	19.68	21.14	19.64	19.61	19.47	19.42	20.90	20.93	21.02	18.89	20.14	19.85
		1	77	19.59	20.45	20.16	19.41	19.45	19.43	21.11	20.83	21.02	20.09	19.81	19.51
		1	78	19.75	20.60	20.03	19.14	19.12	19.56	21.00	20.90	20.93	19.95	19.89	19.71
		36	18	19.37	20.97	19.48	19.26	19.25	19.40	20.93	20.74	20.91	19.79	19.82	19.56
		75	0	19.39	20.92	19.57	19.33	19.29	19.42	20.90	20.80	20.86	19.48	19.87	19.58

OUTPUT POWER FOR 5G NR n7 (20.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 14			ANT 1			ANT 3			ANT 4		
				502000	507000	512000	502000	507000	512000	502000	507000	512000	502000	507000	512000
20.0	BPSK	1	0	23.42	24.81	23.76	23.19	23.90	23.75	24.83	25.01	24.93	23.30	24.06	23.94
		1	1	24.08	25.64	24.38	23.90	24.65	24.36	25.57	25.57	25.47	23.76	24.55	24.53
		1	104	24.67	24.99	24.66	23.87	24.57	24.39	25.63	25.57	25.70	24.70	24.47	23.92
		1	105	24.15	24.31	24.09	23.34	24.08	23.66	25.10	24.85	24.93	24.12	24.02	23.40
		50	25	23.94	25.70	24.25	23.95	24.70	24.35	25.66	25.49	25.46	24.12	24.45	23.89
		100	0	23.55	25.07	23.83	23.51	24.05	23.89	25.07	24.89	25.02	23.96	23.95	23.50
	QPSK	1	0	22.85	24.41	23.24	22.78	23.47	23.32	24.00	24.47	24.35	21.78	23.20	23.10
		1	1	24.11	25.45	24.51	23.70	24.70	24.43	24.90	25.57	25.57	22.78	24.21	24.16
		1	104	24.61	24.92	24.78	23.97	24.67	24.36	25.59	25.53	25.38	24.12	23.66	23.06
		1	105	23.52	23.86	23.64	22.87	23.58	23.27	24.53	24.42	24.41	23.24	22.72	22.15
		50	25	23.94	25.56	24.14	24.00	24.52	23.81	25.60	25.41	25.14	23.65	23.84	23.20
		100	0	23.03	24.61	23.25	22.92	23.54	22.99	24.43	24.50	24.33	22.37	22.70	22.39
	16QAM	1	0	22.03	23.53	22.16	21.74	22.30	22.14	22.89	23.31	23.30	20.94	22.48	22.40
		1	1	22.96	24.48	23.12	22.75	23.47	23.38	23.97	24.42	24.26	21.97	23.26	23.25
		1	104	23.55	24.05	23.33	22.86	23.58	23.07	24.36	24.41	24.44	23.15	22.73	22.18
		1	105	22.44	22.69	22.53	21.92	22.19	22.22	23.40	23.27	23.35	22.28	21.94	21.09
		50	25	22.73	24.61	22.96	22.79	23.32	22.95	24.46	24.28	24.40	22.76	22.99	22.37
		100	0	21.87	23.51	22.05	21.83	22.30	22.10	23.35	23.32	23.28	21.54	21.98	21.58
	64QAM	1	0	21.31	22.93	21.76	20.98	21.85	21.53	22.39	22.87	22.93	20.27	21.99	21.69
		1	1	21.27	22.75	21.62	21.33	21.61	21.80	22.50	22.87	22.68	20.41	22.02	21.80
		1	104	21.95	22.31	22.02	21.24	21.78	21.63	22.73	22.96	22.83	21.92	21.55	20.81
		1	105	21.85	22.25	21.93	21.54	21.82	21.76	23.00	22.80	22.77	21.93	21.43	20.76
		50	25	21.29	23.08	21.43	21.35	21.76	21.65	22.84	22.75	22.78	21.33	21.65	20.97
		100	0	21.58	22.94	21.54	21.20	21.79	21.77	22.90	22.80	22.78	21.03	21.57	21.10
	256QAM	1	0	19.69	20.66	19.71	19.20	19.59	19.62	20.81	20.80	20.64	18.85	20.06	19.96
		1	1	19.54	20.92	19.71	19.21	19.62	19.64	20.75	20.85	20.70	18.98	19.93	19.90
		1	104	20.13	20.22	19.88	19.25	19.84	19.54	20.95	20.74	20.84	20.12	19.90	19.57
		1	105	20.19	20.39	20.01	19.46	19.70	19.72	20.78	20.86	20.91	19.96	19.89	19.49
		50	25	19.43	21.08	19.46	19.30	19.74	19.73	20.87	20.76	20.77	19.94	20.00	19.63
		100	0	19.58	20.95	19.49	19.31	19.73	19.72	20.89	20.80	20.91	19.56	20.03	19.65

OUTPUT POWER FOR 5G NR n7 (25.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 14			ANT 1			ANT 3			ANT 4		
				502500	507000	511500	502500	507000	511500	502500	507000	511500	502500	507000	511500
25.0	BPSK	1	0	23.66	24.70	24.38	23.74	24.07	23.94	24.91	24.99	24.99	23.25	24.08	23.84
		1	1	24.15	25.33	24.95	24.43	24.55	24.49	25.51	25.63	25.56	23.64	24.70	24.35
		1	131	25.42	24.81	24.76	24.48	24.61	24.51	25.56	25.61	25.70	24.61	24.36	23.87
		1	132	24.90	24.12	24.27	23.92	24.00	23.86	24.99	24.96	25.09	24.10	23.81	23.24
		64	32	24.23	25.66	24.17	24.39	24.51	24.45	25.57	25.41	25.43	24.58	24.58	24.23
		128	0	23.77	24.93	23.74	23.83	23.99	23.83	25.01	24.86	24.98	23.74	23.99	23.66
	QPSK	1	0	23.21	24.26	23.78	23.33	23.42	23.43	24.03	24.48	24.32	21.74	22.92	22.51
		1	1	24.28	25.37	24.89	24.29	24.52	24.70	24.98	25.64	25.63	22.76	23.92	23.55
		1	131	25.38	24.73	24.48	24.44	24.66	24.09	25.54	25.53	25.11	23.96	23.41	22.84
		1	132	24.34	23.63	23.65	23.45	23.48	23.15	24.59	24.50	24.06	23.03	22.57	22.00
		64	32	24.30	25.70	24.20	24.29	24.40	24.18	25.58	25.45	25.48	23.79	24.10	23.58
		128	0	23.32	24.41	23.37	23.25	23.45	23.21	24.48	24.47	24.43	22.61	23.01	22.72
	16QAM	1	0	22.18	22.97	22.57	22.09	22.34	22.27	22.96	23.55	23.21	20.73	22.04	21.81
		1	1	23.18	24.15	23.71	23.11	23.26	23.48	24.02	24.35	24.52	21.75	23.11	22.88
		1	131	24.38	23.55	23.72	23.19	23.39	23.16	24.48	24.31	24.40	23.21	22.82	22.12
		1	132	23.25	22.39	22.47	22.28	22.31	22.11	23.31	23.30	23.28	22.03	21.72	21.17
		64	32	23.05	24.44	22.99	23.14	23.36	23.22	24.40	24.31	24.29	22.95	23.21	22.76
		128	0	22.23	23.35	22.19	22.11	22.38	22.37	23.43	23.31	23.36	21.82	22.17	21.99
	64QAM	1	0	21.36	22.60	22.24	21.58	21.67	22.02	22.41	22.91	22.97	20.27	21.73	21.32
		1	1	21.70	22.62	22.31	21.69	21.82	21.88	22.68	22.93	22.88	20.50	21.84	21.32
		1	131	22.57	22.15	21.95	21.72	21.80	21.68	23.00	22.95	22.99	21.73	21.36	20.64
		1	132	22.86	22.10	22.01	21.93	21.99	21.50	22.92	22.96	22.58	21.75	21.44	20.66
		64	32	21.56	23.05	21.45	21.71	21.77	21.83	22.96	22.88	22.80	21.61	21.75	21.35
		128	0	21.75	22.88	21.63	21.75	21.79	21.88	22.86	22.88	22.82	21.28	21.73	21.52
	256QAM	1	0	19.59	20.64	20.16	19.88	19.84	19.81	20.78	20.84	20.98	19.08	20.07	20.02
		1	1	19.47	20.73	20.05	19.79	20.10	20.08	20.79	20.80	20.75	19.09	20.13	20.04
		1	131	20.69	20.19	20.20	19.77	19.83	19.69	20.99	20.94	21.05	20.01	20.11	19.55
		1	132	20.74	20.15	19.97	19.84	19.81	19.77	20.87	20.75	20.89	20.19	20.00	19.53
		64	32	19.62	21.09	19.52	19.73	19.86	19.84	20.92	20.83	20.80	20.02	19.92	19.97
		128	0	19.83	20.86	19.70	19.84	19.87	19.84	20.89	20.85	20.82	19.90	19.96	20.01

OUTPUT POWER FOR 5G NR n7 (30.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 14			ANT 1			ANT 3			ANT 4		
				503000	507000	511000	503000	507000	511000	503000	507000	511000	503000	507000	511000
30.0	BPSK	1	0	23.51	24.35	24.68	23.85	24.09	24.09	24.80	25.00	25.06	23.46	24.11	24.08
		1	1	24.09	25.03	25.21	24.57	24.48	24.68	25.29	25.58	25.50	23.88	24.70	24.55
		1	158	25.70	24.35	24.70	24.67	24.56	24.57	25.37	25.50	25.60	24.62	24.69	23.65
		1	159	25.04	23.82	23.97	23.96	24.02	24.05	24.83	24.99	25.03	24.02	24.16	23.14
		80	40	24.32	25.52	24.10	24.55	24.55	24.58	25.41	25.38	25.36	24.69	24.65	24.53
		160	0	24.01	24.67	23.83	23.99	23.99	24.00	24.85	24.92	24.89	24.12	24.06	23.27
	QPSK	1	0	23.16	23.86	24.13	23.48	23.51	23.59	24.18	24.59	24.37	21.88	23.16	22.28
		1	1	24.13	25.01	25.21	24.17	24.57	24.70	25.10	25.70	25.35	22.82	24.15	23.39
		1	158	25.69	24.37	24.35	24.68	24.62	24.13	25.47	25.42	25.41	24.08	23.69	22.70
		1	159	24.56	23.27	23.63	23.55	23.55	22.99	24.38	24.41	24.31	23.02	22.86	21.89
		80	40	24.40	25.55	24.17	24.58	24.53	24.18	25.46	25.40	25.38	23.86	24.17	23.76
		160	0	23.65	24.19	23.35	23.49	23.61	23.26	24.45	24.48	24.44	22.83	23.07	22.73
	16QAM	1	0	21.87	22.80	22.89	22.19	22.44	22.46	23.17	23.27	23.19	20.90	22.42	21.57
		1	1	22.92	23.76	24.20	23.40	23.35	23.60	24.05	24.39	24.22	22.63	23.19	22.62
		1	158	24.64	23.40	23.46	23.29	23.35	23.20	24.25	24.30	24.12	23.22	22.95	22.23
		1	159	23.67	22.32	22.33	22.36	22.26	22.24	23.50	23.56	23.12	22.06	21.92	21.15
		80	40	23.26	24.32	22.97	23.40	23.42	23.45	24.35	24.23	24.35	23.03	23.12	22.95
		160	0	22.50	23.08	22.18	22.46	22.45	22.51	23.35	23.34	23.35	21.93	22.17	22.06
	64QAM	1	0	21.33	22.11	22.70	21.72	21.96	22.08	22.77	22.81	22.80	20.38	21.92	21.25
		1	1	21.30	22.46	22.66	21.74	21.86	22.01	22.77	22.80	22.82	20.38	21.77	21.40
		1	158	23.16	21.61	21.80	21.97	21.97	21.89	22.97	23.00	22.73	21.51	21.53	21.01
		1	159	23.14	21.96	21.74	22.03	21.91	21.83	22.63	23.01	22.85	21.76	21.70	20.55
		80	40	21.82	22.88	21.43	21.98	21.90	21.88	22.87	22.77	22.74	21.63	21.80	21.66
		160	0	22.00	22.63	21.64	22.01	21.91	21.89	22.85	22.84	22.76	21.40	21.64	21.66
	256QAM	1	0	19.47	20.38	20.70	19.92	19.97	19.97	20.65	21.01	20.66	19.02	19.94	19.99
		1	1	19.43	20.27	20.56	20.05	19.99	19.93	20.81	21.01	20.71	19.12	20.05	19.91
		1	158	20.98	19.98	19.70	20.12	19.93	20.15	20.66	20.85	20.81	19.92	20.00	19.73
		1	159	20.94	19.79	19.65	20.04	20.08	19.90	20.98	20.89	20.66	19.89	20.04	19.68
		80	40	19.74	20.89	19.44	19.96	19.90	19.96	20.89	20.73	20.79	20.15	19.99	20.18
		160	0	20.08	20.60	19.71	20.01	19.99	19.98	20.88	20.83	20.80	19.88	20.02	19.98

OUTPUT POWER FOR 5G NR n7 (35.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 14			ANT 1			ANT 3			ANT 4		
				503500	507000	510500	503500	507000	510500	503500	507000	510500	503500	507000	510500
35.0	BPSK	1	0	23.57	24.18	24.38	23.77	24.07	24.16	24.84	25.05	24.76	23.30	24.01	24.08
		1	1	23.97	24.73	24.77	24.47	24.58	24.66	25.31	25.62	25.40	23.68	24.44	24.68
		1	186	25.70	24.26	24.05	24.52	24.55	24.56	25.42	25.49	25.70	24.44	24.70	24.47
		1	187	25.03	23.78	23.59	24.19	24.13	24.06	24.81	25.03	25.12	24.11	23.99	23.93
		90	45	24.65	25.55	23.71	24.61	24.65	24.66	25.63	25.56	25.55	24.44	24.60	24.70
		180	0	24.26	24.73	23.40	24.11	24.10	24.12	25.08	25.00	25.02	23.75	24.05	24.03
	QPSK	1	0	23.09	23.54	23.93	23.42	23.57	23.59	24.31	24.62	24.42	21.74	23.46	23.10
		1	1	24.13	24.63	24.88	24.35	24.55	24.46	25.34	25.69	25.41	22.78	24.34	24.21
		1	186	25.68	24.21	23.96	24.70	24.58	24.20	25.50	25.52	25.63	23.71	24.05	23.72
		1	187	24.63	23.29	22.75	23.64	23.66	23.20	24.35	24.50	24.60	22.95	23.17	22.66
		90	45	24.63	25.57	23.76	24.66	24.65	24.49	25.65	25.57	25.51	23.75	24.07	24.05
		180	0	23.87	24.21	22.90	23.59	23.61	23.29	24.57	24.57	24.46	22.87	23.07	22.74
	16QAM	1	0	21.93	21.86	22.83	22.46	22.55	22.62	23.30	23.60	23.26	20.88	22.58	22.44
		1	1	22.98	22.83	23.63	23.23	23.35	23.63	24.19	24.31	24.36	21.87	23.49	23.24
		1	186	24.68	22.40	22.81	23.68	23.66	23.24	24.45	24.31	24.54	23.18	23.23	22.67
		1	187	23.59	21.53	22.07	22.48	22.54	22.12	23.50	23.32	23.42	22.41	22.39	21.48
		90	45	23.48	23.79	22.50	23.51	23.50	23.63	24.50	24.38	24.39	22.98	23.16	23.38
		180	0	22.72	22.49	21.72	22.54	22.61	22.58	23.47	23.39	23.43	21.94	22.26	22.16
	64QAM	1	0	21.35	21.46	22.07	21.78	21.91	22.14	22.85	22.85	22.84	20.41	22.07	21.25
		1	1	21.43	21.57	22.25	21.90	21.96	22.19	22.77	23.04	22.72	20.43	21.84	21.53
		1	186	23.16	21.05	21.26	21.81	21.93	21.70	22.88	23.08	22.86	21.94	21.66	21.02
		1	187	23.07	21.15	21.37	21.85	22.12	21.49	22.84	23.06	23.08	21.83	21.97	20.91
		90	45	22.02	22.24	21.04	21.97	22.08	22.09	23.00	22.84	22.87	21.66	21.77	21.95
		180	0	22.16	21.96	21.29	22.00	22.15	22.07	23.00	22.90	22.84	21.42	21.78	21.65
	256QAM	1	0	19.66	19.93	20.30	20.08	20.11	20.03	20.74	20.98	20.92	18.74	20.17	19.54
		1	1	19.65	19.37	20.34	19.83	19.96	20.08	20.70	20.94	20.92	18.73	20.13	19.59
		1	186	20.99	19.03	19.23	19.93	20.11	20.16	20.97	20.83	21.03	19.83	20.18	19.63
		1	187	21.01	18.78	19.74	20.12	20.00	20.19	21.08	21.09	20.83	19.88	19.87	19.84
		90	45	20.01	20.34	19.00	20.00	20.05	20.07	20.99	20.86	20.91	19.99	20.06	20.08
		180	0	20.20	19.98	19.29	20.00	20.06	20.12	20.96	20.93	20.88	19.98	20.15	20.12

OUTPUT POWER FOR 5G NR n7 (40.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 14			ANT 1			ANT 3			ANT 4		
				504000	507000	510000	504000	507000	510000	504000	507000	510000	504000	507000	510000
40.0	BPSK	1	0	23.49	24.00	25.13	23.97	23.66	23.84	24.84	25.01	24.83	21.60	23.97	23.42
		1	1	24.06	24.47	25.70	24.66	24.30	24.46	25.48	25.70	25.60	22.12	24.70	23.84
		1	214	25.36	24.10	24.84	24.70	24.58	24.49	25.56	25.49	25.58	23.66	24.47	23.77
		1	215	24.68	23.59	24.26	24.15	23.86	23.91	24.70	24.78	24.92	23.07	23.84	23.13
		108	54	25.00	25.30	24.32	24.69	24.27	24.38	25.60	25.48	25.49	24.44	23.82	24.06
		216	0	24.44	24.50	24.17	24.15	23.83	23.93	25.10	25.08	23.21	23.24	23.50	20.15
	QPSK	1	0	22.87	23.35	24.61	23.47	23.22	23.10	24.36	24.55	24.42	20.02	23.19	21.95
		1	1	23.91	24.47	25.65	24.27	24.28	24.40	25.34	25.51	25.44	21.06	24.10	22.93
		1	214	25.21	24.13	24.25	24.65	24.61	24.13	25.48	25.68	25.57	23.46	24.30	22.83
		1	215	24.15	22.92	23.51	23.61	23.32	23.21	24.46	24.53	24.50	22.45	23.27	21.73
		108	54	25.01	25.32	24.40	24.59	24.30	24.41	25.69	25.56	25.53	23.71	23.22	23.51
		216	0	23.97	24.06	23.78	23.66	23.39	23.44	24.61	24.56	24.58	22.41	22.28	22.11
	16QAM	1	0	21.69	22.23	23.38	22.06	21.97	22.24	23.11	23.35	23.21	18.92	22.28	20.99
		1	1	22.72	23.47	24.59	23.09	23.03	23.27	24.48	24.36	24.20	20.22	23.55	22.18
		1	214	24.06	22.75	23.45	23.56	23.17	23.10	24.07	24.28	24.38	22.43	23.17	22.19
		1	215	23.05	21.97	22.31	22.33	22.20	22.23	23.35	23.18	23.18	21.43	22.10	20.98
		108	54	23.76	24.31	23.21	23.43	23.09	23.25	24.45	24.33	24.30	22.80	22.30	22.73
		216	0	22.83	22.84	22.50	22.46	22.15	22.21	23.44	23.38	23.33	21.57	21.68	21.44
	64QAM	1	0	21.41	21.80	22.82	21.47	21.69	21.50	22.66	23.00	22.88	18.63	21.84	20.82
		1	1	21.29	21.91	22.95	21.50	21.60	21.41	23.02	23.06	22.56	18.65	21.85	20.66
		1	214	22.68	21.45	22.13	21.87	21.64	21.85	22.83	22.85	22.76	21.26	21.81	20.09
		1	215	22.37	21.29	21.91	21.84	21.77	21.89	22.74	23.00	22.90	21.06	21.82	20.73
		108	54	22.37	22.81	21.69	21.67	21.74	21.72	22.92	22.85	22.79	21.41	20.96	21.41
		216	0	22.31	22.37	21.97	21.68	21.71	21.75	22.87	22.90	22.77	21.10	21.26	20.97
	256QAM	1	0	19.30	20.02	21.04	19.37	19.74	19.74	20.71	21.10	20.92	19.84	20.18	18.89
		1	1	19.46	19.78	21.04	19.89	19.69	19.87	20.70	21.09	20.95	19.27	20.09	18.99
		1	214	20.68	19.44	20.17	19.68	19.80	19.78	20.62	20.84	20.73	19.96	19.82	19.31
		1	215	20.70	19.38	20.75	19.85	19.61	19.63	20.59	20.76	21.12	19.83	19.95	18.99
		108	54	20.32	20.77	20.44	19.62	19.67	19.77	20.96	20.78	20.84	19.94	19.25	19.52
		216	0	20.26	20.34	20.74	19.64	19.68	19.81	20.94	20.83	20.83	19.45	19.52	19.47

OUTPUT POWER FOR 5G NR n7 (50.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 14			ANT 1			ANT 3			ANT 4		
				505000	507000	509000	505000	507000	509000	505000	507000	509000	505000	507000	509000
50.0	BPSK	1	0	23.92	23.96	25.02	23.61	23.79	23.77	24.96	25.06	25.18	21.56	23.49	24.10
		1	1	24.47	24.58	25.50	24.28	24.48	24.30	25.58	25.57	25.70	21.79	24.12	24.70
		1	268	24.80	24.53	25.23	24.54	24.62	24.63	25.69	25.63	25.66	24.07	24.25	23.57
		1	269	24.15	23.77	24.52	23.90	23.84	24.12	24.98	24.98	25.01	23.76	23.90	23.13
		135	67	25.65	25.62	25.14	24.32	24.40	24.42	25.52	25.49	25.43	24.13	23.91	23.94
		270	0	24.70	24.54	24.56	23.69	23.79	23.82	24.94	24.85	24.88	23.34	23.55	23.49
	QPSK	1	0	23.54	23.42	24.46	23.41	23.23	23.26	24.23	24.54	24.43	19.93	22.79	23.49
		1	1	24.43	24.52	25.58	24.36	24.28	24.42	25.21	25.53	25.60	20.68	23.57	24.60
		1	268	24.74	24.61	24.45	24.65	24.70	24.18	25.62	25.54	25.49	23.32	23.49	22.75
		1	269	23.76	23.65	23.48	23.43	23.49	23.35	24.43	24.42	24.48	22.44	22.43	21.81
		135	67	25.70	25.65	25.06	24.38	24.47	24.37	25.62	25.46	25.51	23.32	23.16	23.36
		270	0	24.22	24.11	24.07	23.26	23.42	23.34	24.47	24.41	24.42	22.13	22.38	21.89
	16QAM	1	0	22.18	22.40	23.18	22.00	21.96	22.31	23.15	23.34	23.62	19.01	21.80	22.46
		1	1	23.40	23.18	24.26	22.98	23.18	22.97	24.10	24.47	24.30	20.24	23.01	23.30
		1	268	23.49	23.32	23.47	23.54	23.25	23.53	24.33	24.32	24.46	22.34	22.55	21.70
		1	269	22.49	22.18	22.51	22.40	22.70	22.59	23.17	23.40	23.47	21.38	21.43	20.56
		135	67	24.45	24.51	23.78	23.22	23.24	23.28	24.35	24.41	24.33	22.46	22.18	22.48
		270	0	22.97	23.12	22.86	22.19	22.23	22.27	23.31	23.34	23.34	21.41	21.55	21.33
	64QAM	1	0	21.76	21.91	22.90	21.75	21.71	21.84	22.60	22.93	22.77	18.57	21.33	21.89
		1	1	21.83	22.01	22.79	21.56	21.61	21.82	22.85	22.97	23.05	18.70	21.39	21.85
		1	268	22.03	21.60	22.39	21.74	21.94	21.94	22.88	22.82	22.70	21.12	21.32	20.42
		1	269	22.12	21.87	22.00	21.68	21.92	21.61	22.89	22.81	22.91	20.75	21.45	20.31
		135	67	22.96	23.01	22.34	21.65	21.80	21.82	22.87	22.80	22.84	21.04	20.83	21.07
		270	0	22.59	22.53	22.47	21.64	21.78	21.84	22.84	22.90	22.80	20.87	21.20	20.80
	256QAM	1	0	19.92	19.69	20.88	19.50	19.65	19.53	20.88	20.83	21.07	19.98	19.12	20.04
		1	1	19.61	19.78	20.56	19.70	19.73	19.97	20.79	20.97	20.89	19.26	19.46	19.88
		1	268	19.97	19.60	20.77	19.89	19.93	19.96	20.86	20.78	20.94	19.42	19.84	18.82
		1	269	19.92	19.40	20.44	19.31	19.76	19.96	20.95	20.91	20.91	19.43	20.17	18.92
		135	67	20.94	20.97	20.43	19.70	19.70	19.73	20.85	20.79	20.73	19.59	19.29	19.25
		270	0	20.54	20.51	20.51	19.70	19.78	19.77	20.83	20.85	20.84	19.34	19.45	19.34

8.3. ULCA LTE BAND 7

Test Engineer ID:	19210	Test Date:	2026-03-12
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OUTPUT POWER FOR ULCA LTE BAND 7 (10.0MHz + 20.0MHz)

Bandwidth	PCC Frequency (MHz)	SCC1 Frequency (MHz)	PCC RB		SCC1 RB		SCC1 RB		Conducted Average (dBm)															
			Size	Offset	Size	Offset	ANT 14				ANT 1				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	25.60	24.66	23.54	20.52	24.55	23.49	22.56	19.60	25.70	24.48	23.49	20.41	24.46	23.70	22.67	19.59		
			50	0	100	0	23.58	22.69	22.40	20.63	22.61	21.56	21.16	19.69	23.38	22.56	22.52	20.57	22.58	21.45	21.47	19.70		
			1	49	1	0	25.65	24.54	23.16	20.55	24.55	23.70	22.63	19.40	25.55	24.21	23.43	20.34	24.70	23.58	22.56	19.61		
	2525.6	2540.0	50	0	100	0	23.35	22.66	22.27	20.48	22.59	21.50	21.24	19.67	23.01	22.52	22.21	20.57	22.53	21.67	21.15	19.60		
			1	49	1	0	25.70	24.70	23.70	20.70	24.70	23.30	22.61	19.70	25.55	24.70	23.39	20.54	24.55	23.53	22.40	19.64		
			50	0	100	0	23.24	22.05	22.58	20.67	22.54	21.52	21.30	19.63	23.24	22.67	22.18	20.70	22.49	21.58	21.31	19.61		

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

Bandwidth	PCC Frequency Frequency (MHz)	SCC1 Frequency Frequency (MHz)	PCC RB		SCC1 RB		Conducted Average (dBm)															
			Size	Offset	Size	Offset	ANT 14				ANT 1				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	25.54	24.67	23.63	20.31	24.70	23.68	22.57	19.55	25.52	24.54	23.64	20.66	24.70	23.70	22.70	19.63
			100	0	50	0	23.02	22.63	22.66	20.47	22.50	21.64	21.24	19.70	23.60	22.52	22.10	20.60	22.67	21.45	21.42	19.56
	2530.1	2544.5	1	99	1	0	25.49	24.56	23.41	20.65	24.49	23.63	22.64	19.63	25.43	24.70	23.51	20.46	24.67	23.49	22.51	19.70
			100	0	50	0	23.50	22.59	22.12	20.49	22.54	21.64	21.35	19.63	23.51	22.49	22.16	20.60	22.64	21.41	21.03	19.57
	2550.1	2564.5	1	99	1	0	25.70	24.70	23.70	20.62	24.56	23.70	22.58	19.50	25.70	24.49	23.65	20.58	24.63	23.42	22.50	19.32
			100	0	50	0	23.47	22.09	22.13	20.70	22.47	21.59	21.22	19.60	23.30	22.64	22.17	20.70	22.55	21.40	21.05	19.41

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

Bandwidth	PCC Frequency Frequency (MHz)	SCC1 Frequency Frequency (MHz)	PCC RB		SCC1 RB		Conducted Average (dBm)															
			Size	Offset	Size	Offset	ANT 14				ANT 1				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	24.36	23.28	20.37	24.70	23.70	22.48	19.54	25.63	24.70	23.61	20.67	24.64	23.53	22.60	19.53
			75	0	75	0	23.65	22.55	22.24	20.45	22.32	21.13	21.49	19.67	23.60	22.56	22.08	20.59	22.36	21.63	21.09	19.70
			1	74	1	0	25.30	24.29	23.31	20.35	24.57	23.56	22.48	19.70	25.45	24.38	23.38	20.44	24.70	23.70	22.53	19.52
	2527.5	2542.5	75	0	75	0	23.02	22.51	22.63	20.41	22.39	21.07	21.09	19.68	23.23	22.61	22.06	20.58	22.49	21.58	21.22	19.64
			1	74	1	0	25.70	24.70	23.70	20.70	24.62	23.63	22.59	19.58	25.70	24.61	23.65	20.68	24.60	23.60	22.55	19.54
			75	0	75	0	23.67	22.51	22.17	20.59	22.01	21.68	21.60	19.63	23.38	22.68	22.46	20.70	22.56	21.61	21.09	19.67

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

Bandwidth	PCC Frequency (MHz)	SCC1 Frequency (MHz)	PCC RB		SCC1 RB		SCC1 RB		Conducted Average (dBm)															
			Size	Offset	Size	Offset	ANT 14				ANT 1				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	25.57	24.42	23.50	20.44	24.63	23.61	22.54	19.47	25.61	24.65	23.49	20.44	24.70	23.70	22.61	19.50		
			75	0	100	0	23.29	22.48	22.45	20.62	22.07	21.30	21.57	19.70	23.52	22.59	22.69	20.62	22.00	21.49	21.02	19.67		
			1	74	1	0	25.57	24.22	23.47	20.49	24.70	23.70	22.53	19.64	25.53	24.40	23.52	20.35	24.58	23.61	22.48	19.60		
	2525.3	2542.4	75	0	100	0	23.60	22.66	22.29	20.70	22.41	21.40	21.54	19.66	23.55	22.61	22.37	20.64	22.31	21.26	21.52	19.70		
			1	74	1	0	25.70	24.70	23.64	20.70	24.65	23.65	22.64	19.48	25.70	24.70	23.52	20.60	24.66	23.55	22.50	19.50		
			75	0	100	0	23.04	22.04	22.19	20.69	22.29	21.01	21.24	19.68	23.58	22.70	22.22	20.70	22.57	21.36	21.27	19.58		

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

Bandwidth	PCC Frequency (MHz)	SCC1 Frequency (MHz)	PCC RB		SCC1 RB		Conducted Average (dBm)															
			Size	Offset	Size	Offset	ANT 14				ANT 1				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	25.62	24.37	23.42	20.55	24.70	23.70	22.70	19.64	25.69	24.64	23.48	20.49	24.57	23.54	22.62	19.68
			100	0	75	0	23.66	22.39	22.42	20.58	22.61	21.48	21.67	19.70	23.66	22.49	22.39	20.60	22.59	21.64	21.29	19.70
			1	99	1	0	25.57	24.29	23.42	20.45	24.61	23.45	22.51	19.59	25.50	24.68	23.42	20.41	24.70	23.56	22.55	19.39
	2527.6	2544.7	100	0	75	0	23.51	22.30	22.43	20.54	22.23	21.46	21.37	19.69	23.11	22.15	22.15	20.60	22.69	21.59	21.54	19.64
			1	99	1	0	25.70	24.70	23.51	20.68	24.64	23.60	22.63	19.32	25.70	24.70	23.67	20.69	24.46	23.70	22.41	19.45
			100	0	75	0	23.22	22.47	22.04	20.70	22.13	21.46	21.38	19.62	23.18	22.38	22.56	20.70	22.57	21.42	21.67	19.48

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 14				ANT 1				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	25.63	24.70	23.58	20.67	24.70	23.49	22.58	19.53	25.61	24.70	23.54	20.44	24.70	23.70	22.66	19.65
			1	0	1	99	16.51	17.08	16.62	16.65	15.99	16.01	15.88	15.74	17.09	17.19	16.83	17.04	16.11	15.87	15.75	16.11
			100	0	100	0	23.03	22.65	22.19	20.63	22.01	21.55	21.29	19.70	23.09	22.61	22.23	20.57	22.33	21.46	21.44	19.70
			1	99	1	0	25.45	24.56	23.44	20.36	24.68	23.24	22.45	19.48	25.51	24.59	23.37	20.36	24.61	23.47	22.48	19.40
			1	0	1	99	17.03	17.06	16.89	17.16	15.67	15.94	15.62	16.19	16.58	16.87	16.94	17.19	15.61	16.01	15.87	16.03
			100	0	100	0	23.68	22.61	22.30	20.58	22.09	21.56	21.46	19.64	23.07	22.61	22.32	20.57	22.15	21.46	21.01	19.69
	2525.1	2544.9	1	99	1	0	25.70	24.52	23.64	20.42	24.65	23.70	22.57	19.56	25.70	24.58	23.64	20.43	24.63	23.31	22.45	19.64
			1	0	1	99	16.56	17.07	17.06	16.65	15.61	16.13	15.93	15.90	16.65	16.56	17.05	17.10	15.95	16.14	16.18	16.07
			100	0	100	0	23.44	22.16	22.00	20.70	22.67	21.53	21.16	19.65	23.08	22.06	22.10	20.70	22.45	21.51	21.57	19.65

8.4. LTE BAND 41 (FCC)

Test Engineer ID:	32188	Test Date:	2026-03-02
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OUTPUT POWER FOR LTE BAND 41 (5.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 14			ANT 1			ANT 3			ANT 4		
				39675	40620	41565	39675	40620	41565	39675	40620	41565	39675	40620	41565
5.0	QPSK	1	0	26.58	28.51	26.24	27.61	27.19	27.58	26.11	27.85	27.30	25.16	27.23	25.98
		1	12	27.70	28.70	27.70	28.00	27.54	26.60	25.47	28.70	27.70	26.70	26.02	26.70
		1	24	26.66	27.91	26.37	25.97	28.70	28.00	26.20	27.56	26.53	25.11	28.70	24.59
		12	0	26.54	26.52	25.66	26.74	27.66	26.82	25.16	27.49	26.00	23.87	27.40	25.01
		12	6	25.85	26.73	25.39	26.85	27.69	26.30	24.91	27.41	26.54	24.66	27.59	25.37
	16QAM	12	11	26.12	27.31	26.14	26.87	27.46	26.85	25.15	27.46	26.63	24.83	27.59	25.13
		25	0	25.55	27.36	26.07	27.00	27.53	26.90	23.36	26.07	26.43	24.89	27.46	24.94
		1	0	26.67	26.98	26.51	26.91	27.55	26.87	24.27	27.57	25.39	24.28	27.47	25.56
		1	12	26.43	25.93	25.52	26.93	27.10	26.73	24.93	27.47	26.62	25.54	27.64	25.16
		1	24	25.67	27.59	26.29	26.82	27.65	26.81	25.06	27.48	26.57	25.51	27.47	25.52
	64QAM	12	0	24.73	26.67	25.55	25.74	26.55	25.73	24.19	26.63	25.44	24.56	26.61	24.57
		12	6	25.38	26.62	25.59	25.70	26.67	25.90	24.05	26.47	25.65	24.42	26.42	24.57
		12	11	25.63	26.50	25.42	25.96	26.53	25.92	23.64	26.46	25.61	24.17	26.61	24.44
		25	0	25.59	26.61	25.54	25.80	26.47	25.87	24.04	26.55	25.66	24.39	26.58	24.46
		1	0	24.34	26.20	25.20	25.92	26.48	25.72	24.00	26.48	25.39	24.43	26.48	24.52
	256QAM	1	12	24.16	26.46	25.24	25.80	26.52	25.79	24.16	26.64	25.67	23.35	26.15	24.42
		1	24	25.53	26.66	25.50	25.94	26.63	25.96	24.09	26.47	25.66	24.48	26.65	24.67
		12	0	23.34	25.45	24.70	24.88	25.62	24.75	22.96	25.69	24.54	23.66	25.70	23.11
		12	6	24.61	25.58	24.30	23.22	25.46	24.30	23.19	25.59	24.32	22.58	25.49	23.62
		12	11	24.67	25.57	24.67	24.45	25.41	24.79	22.98	25.50	24.58	23.52	24.67	23.63
10.0	QPSK	25	0	24.41	25.43	24.53	24.96	25.58	24.87	23.16	25.50	24.14	23.33	25.67	23.68
		1	0	22.10	23.45	22.57	22.90	23.53	22.99	20.14	23.58	22.22	21.34	23.55	21.39
		1	12	22.02	23.58	22.45	22.97	23.59	22.98	21.13	23.56	21.36	21.37	23.63	21.40
		1	24	22.13	23.64	21.40	22.93	23.52	22.77	20.95	23.64	22.51	20.48	23.48	20.62
		12	0	22.46	23.45	21.84	22.85	23.28	22.84	20.65	23.42	22.67	21.46	23.67	21.55
	16QAM	12	6	22.36	22.93	22.61	22.95	23.54	22.56	21.05	23.50	22.07	21.55	23.41	21.66
		12	11	22.18	23.59	22.25	23.00	23.47	22.87	20.25	23.50	22.15	20.80	23.57	21.52
		25	0	21.94	23.52	22.56	22.92	23.53	22.88	20.97	23.63	22.12	21.48	23.51	21.64
	64QAM	1	0	26.50	28.41	27.63	27.20	26.62	27.97	26.20	26.66	27.70	25.76	27.08	25.14
		1	24	27.28	28.70	27.70	27.88	28.70	27.12	25.72	27.43	27.32	25.90	28.70	25.95
		1	49	27.70	28.12	26.94	28.00	27.82	27.70	25.89	28.70	27.63	26.70	26.98	26.70
		25	0	25.86	27.54	26.55	26.70	27.49	26.96	23.87	26.95	25.81	25.64	27.65	25.26
		25	12	25.88	27.54	25.27	26.89	26.98	26.27	24.43	27.68	26.60	25.53	26.82	25.59
	256QAM	25	24	26.60	27.54	26.40	26.74	27.61	26.97	24.99	27.53	25.59	25.53	27.66	25.43
		50	0	26.13	27.00	26.50	26.78	26.82	25.58	24.83	27.17	26.57	25.47	27.50	25.11
		1	0	25.62	27.69	25.73	25.28	27.51	26.25	25.20	26.89	26.06	25.68	27.53	25.49
		1	24	25.84	27.61	25.43	27.00	27.46	26.74	23.17	27.28	25.89	25.48	27.41	24.84
		1	49	26.53	26.68	26.64	26.91	27.09	26.48	24.05	27.55	26.53	25.18	27.49	25.62
	16QAM	25	0	25.64	26.56	25.51	25.70	26.64	25.86	23.85	26.26	25.09	23.14	26.68	23.27
		25	12	24.63	26.67	24.47	25.90	26.44	25.90	23.03	26.45	25.14	24.26	26.38	24.02
		25	24	24.24	26.53	24.23	25.77	26.44	25.94	23.59	26.63	24.96	24.49	26.50	24.35
		50	0	25.35	26.44	25.24	25.94	26.43	25.23	24.09	26.53	25.58	24.43	26.63	23.91
		1	0	24.40	26.48	25.55	25.37	26.49	25.87	23.13	26.36	25.66	24.17	26.62	23.66
	64QAM	1	24	25.52	26.57	24.23	25.42	26.52	25.78	22.51	26.42	25.67	24.61	26.58	24.50
		1	49	25.63	26.63	25.46	25.57	26.56	25.94	23.80	26.47	25.62	23.67	26.67	24.16
		25	0	24.09	25.64	23.53	24.70	25.68	24.50	22.62	25.42	24.49	23.48	25.58	22.93
		25	12	24.50	25.65	24.36	24.60	25.40	24.90	23.06	25.61	24.12	23.01	25.43	23.03
		25	24	24.25	25.66	24.36	24.78	25.53	23.98	22.04	25.40	24.42	23.46	25.70	23.47
	256QAM	50	0	24.63	25.63	24.42	24.84	24.83	24.91	21.75	25.48	24.56	22.91	25.63	23.27
		1	0	22.02	23.58	21.44	22.94	22.82	22.22	20.49	23.56	21.87	21.00	23.53	21.22
		1	24	22.64	23.46	21.52	22.81	23.56	22.81	21.08	23.70	22.43	21.64	23.67	21.47
		1	49	22.47	23.50	21.83	23.00	23.65	22.17	20.89	23.55	22.14	21.67	23.47	20.52
		25	0	22.51	23.68	22.38	22.58	22.70	22.74	20.73	23.52	22.55	20.99	23.59	20.42
	256QAM	25	12	21.16	23.60	21.85	22.92	23.47	22.93	20.89	23.60	22.57	21.65	23.69	21.68
		25	24	22.40	23.55	21.17	23.00	23.49	22.97	20.45	23.46	22.66	21.53	23.66	21.61
		50	0	21.65	23.48	22.37	22.75	23.15	22.81	21.04	23.62	21.70	21.59	23.60	21.49

OUTPUT POWER FOR LTE BAND 41 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 14			ANT 1			ANT 3			ANT 4		
				39700 2501.0	40620 2593.0	41540 2685.0	39700 2501.0	40620 2593.0	41540 2685.0	39700 2501.0	40620 2593.0	41540 2685.0	39700 2501.0	40620 2593.0	41540 2685.0
10.0	QPSK	1	0	26.50	28.41	27.63	27.20	26.62	27.97	26.20	26.66	27.70	25.76	27.08	25.14
		1	24	27.28	28.70	27.70	27.88	28.70	27.12	25.72	27.43	27.32	25.90	28.70	25.95
		1	49	27.70	28.12	26.94	28.00	27.82	27.70	25.89	28.70	27.63	26.70	26.98	26.70
		25	0	25.86	27.54	26.55	26.70	27.49	26.96	23.87	26.95	25.81	25.64	27.65	25.26
		25	12	25.88	27.54	25.27	26.89	26.98	26.27	24.43	27.68	26.60	25.53	26.82	25.59
		25	24	26.60	27.54	26.40	26.74	27.61	26.97	24.99	27.53	25.59	25.53	27.66	25.43
	16QAM	50	0	26.13	27.00	26.50	26.78	26.82	25.58	24.83	27.17	26.57	25.47	27.50	25.11
		1	0	25.62	27.69	25.73	25.28	27.51	26.25	25.20	26.89	26.06	25.68	27.53	25.49
		1	24	25.84	27.61	25.43	27.00	27.46	26.74	23.17	27.28	25.89	25.48	27.41	24.84
		1	49	26.53	26.68	26.64	26.91	27.09	26.48	24.05	27.55	26.53	25.18	27.49	25.62
		25	0	25.64	26.56	25.51	25.70	26.64	25.86	23.85	26.26	25.09	23.14	26.68	23.27
		25	12	24.63	26.67	24.47	25.90	26.44	25.90	23.03	26.45	25.14	24.26	26.38	24.02
	64QAM	25	24	24.24	26.53	24.23	25.77	26.44	25.94	23.59	26.63	24.96	24.49	26.50	24.35
		50	0	25.35	26.44	25.24	25.94	26.43	25.23	24.09	26.53	25.58	24.43	26.63	23.91
		1	0	24.40	26.48	25.55	25.37	26.49	25.87	23.13	26.36	25.66	24.17	26.62	23.66
		1	24	25.52	26.57	24.23	25.42	26.52	25.78	22.51	26.42	25.67	24.61	26.58	24.50
		1	49	25.63	26.63	25.46	25.57	26.56	25.94	23.80	26.47	25.62	23.67	26.67	24.16
		25	0	24.09	25.64	23.53	24.70	25.68	24.50	22.62	25.42	24.49	23.48	25.58	22.93
	256QAM	25	12	24.50	25.65	24.36	24.60	25.40	24.90	23.06	25.61	24.12	23.01	25.43	23.03
		25	24	24.25	25.66	24.36	24.78	25.53	23.98	22.04	25.40	24.42	23.46	25.70	23.47
		50	0	24.63	25.63	24.42	24.84	24.83	24.91	21.75	25.48	24.56	22.91	25.63	23.27
		1	0	22.02	23.58	21.44	22.94	22.82	22.22	20.49	23.56	21.87	21.00	23.53	21.22
		1	24	22.64	23.46	21.52	22.81	23.56	22.81	21.08	23.70	22.43	21.64	23.67	21.47
		1	49	22.47	23.50	21.83	23.00	23.65	22.17	20.89	23.55	22.14	21.67	23.47	20.52
	25	0	22.51	23.68	22.38	22.58	22.70	22.74	20.73	23.52	22.55	20.99	23.59	20.42	
	25	12	21.16	23.60	21.85	22.92	23.47	22.93	20.89	23.60	22.57	21.65	23.69	21.68	
	25	24	22.40	23.55	21.17	23.00	23.49	22.97	20.45	23.46	22.66	21.53	23.66	21.61	
	50	0	21.65	23.48	22.37	22.75	23.15	22.81	21.04	23.62	21.70	21.59	23.60	21.49	

OUTPUT POWER FOR LTE BAND 41 (15.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 14			ANT 1			ANT 3			ANT 4		
				39725	40620	41515	39725	40620	41515	39725	40620	41515	39725	40620	41515
15.0	QPSK	1	0	27.67	26.27	26.44	26.65	27.94	27.98	26.01	26.83	27.70	26.00	28.39	26.41
		1	37	25.99	28.70	27.70	28.00	28.70	26.93	26.20	27.38	26.67	24.36	27.22	25.57
		1	74	27.70	27.59	27.38	25.51	27.19	28.00	26.18	28.70	27.49	26.70	28.70	26.70
		36	0	25.83	27.45	25.38	26.75	27.43	26.18	24.91	24.59	26.57	25.48	27.43	25.19
		36	16	26.03	27.56	26.60	26.75	27.63	26.67	24.41	27.35	25.46	25.31	27.52	24.85
		36	35	26.59	27.61	26.21	26.97	27.45	26.62	24.06	27.41	26.55	24.76	27.49	25.48
	16QAM	75	0	25.66	27.40	26.51	26.95	27.54	26.97	24.84	27.56	26.59	25.48	27.55	25.67
		1	0	25.82	25.61	26.51	26.97	27.56	26.49	24.98	27.67	26.41	25.31	27.47	25.20
		1	37	26.68	27.58	26.00	26.78	27.44	25.16	25.09	27.53	25.96	25.40	27.48	25.29
		1	74	25.81	27.50	26.43	26.79	27.58	26.03	23.61	27.64	26.05	25.25	27.57	25.47
		36	0	25.53	26.43	25.39	25.73	26.50	25.35	23.77	26.51	25.44	24.49	26.48	24.61
		36	16	23.99	26.53	25.43	25.97	26.13	23.80	24.12	26.40	25.46	24.54	26.59	24.02
	64QAM	36	35	25.65	26.43	25.25	25.52	26.55	24.76	22.90	26.63	25.54	24.13	26.70	24.47
		75	0	25.40	26.66	25.54	25.95	26.52	25.55	22.47	26.47	24.98	24.59	26.48	24.61
		1	0	23.92	26.58	25.67	25.72	26.61	25.38	24.16	26.64	25.65	24.58	26.69	24.69
		1	37	24.76	26.45	24.92	25.31	26.29	24.75	22.56	26.66	25.49	24.49	26.66	24.57
		1	74	25.48	26.62	25.58	25.56	25.37	24.75	23.76	26.68	25.32	24.67	26.61	24.13
		36	0	23.64	25.56	24.56	24.77	25.46	23.77	23.18	25.51	24.65	21.68	25.07	23.04
	256QAM	36	16	24.24	25.64	24.60	24.77	25.61	24.29	22.38	25.68	24.48	23.11	25.67	23.13
		36	35	24.55	25.54	24.69	24.95	25.69	24.70	22.05	25.59	23.48	22.77	25.64	23.53
		75	0	24.22	25.41	24.12	24.53	25.47	24.23	22.61	25.67	24.42	23.26	25.42	23.60
		1	0	22.60	23.45	22.54	22.93	23.68	21.96	21.07	23.67	22.52	20.62	23.61	21.44
		1	37	22.70	23.05	22.61	22.76	23.54	22.94	20.81	23.64	22.55	21.41	23.59	21.04
		1	74	22.14	23.47	22.52	22.86	23.36	20.88	20.64	23.43	22.70	21.44	23.59	21.19
20.0	QPSK	36	0	22.58	23.59	22.69	22.59	23.43	22.19	18.58	23.07	22.57	20.86	23.45	21.41
		36	16	22.60	23.64	22.66	22.91	22.91	22.70	21.01	23.49	21.86	21.61	23.44	21.67
		36	35	22.57	23.66	22.67	21.73	23.66	22.55	21.03	23.43	21.76	21.65	23.48	21.59
		75	0	22.59	23.62	22.55	22.63	23.48	21.99	19.81	23.43	22.44	21.43	23.63	21.26
	16QAM	1	0	27.03	26.35	27.70	26.95	28.61	27.41	26.20	27.76	27.44	26.02	27.54	25.06
		1	49	27.50	28.70	26.83	28.00	28.70	27.92	25.81	26.72	27.70	25.62	28.70	26.57
		1	99	27.70	28.03	27.09	27.09	26.90	28.00	26.00	28.70	26.70	26.70	28.12	26.70
		50	0	26.68	27.43	26.64	26.91	27.57	26.73	25.00	27.07	26.07	25.52	27.65	25.63
		50	24	26.47	27.44	25.24	26.94	26.74	26.89	24.97	27.60	26.67	25.49	27.50	25.62
		50	49	26.21	27.54	26.14	26.74	26.80	26.71	24.98	27.51	25.31	25.63	27.61	25.64
	64QAM	100	0	26.65	27.20	25.18	26.65	27.52	26.81	23.78	27.66	25.61	25.24	27.53	25.30
		1	0	25.33	27.64	26.63	26.95	26.67	26.65	25.00	25.74	26.53	25.68	27.45	25.42
		1	49	26.66	27.42	26.63	26.75	27.49	26.85	24.50	26.89	24.94	25.61	27.32	25.68
		1	99	26.59	26.87	26.54	26.80	27.49	26.76	24.31	27.54	26.62	25.60	27.58	25.69
		50	0	25.67	26.43	25.56	25.82	26.47	24.30	24.11	26.67	25.42	24.53	26.41	24.17
		50	24	25.40	26.57	25.49	25.91	26.60	25.17	23.67	26.42	25.02	24.63	26.50	24.54
	256QAM	50	49	25.46	26.69	25.53	25.75	26.51	25.55	23.29	26.58	24.80	24.50	26.58	24.18
		100	0	25.33	26.69	25.02	20.08	26.70	25.00	23.98	26.62	25.49	24.70	26.59	24.47
		1	0	25.27	26.64	25.03	25.79	26.45	25.52	23.91	25.51	25.47	24.45	26.59	24.55
		1	49	25.21	26.44	23.82	25.71	24.76	25.96	21.96	25.84	25.52	23.51	26.59	23.33
		1	99	25.20	26.56	25.46	25.84	26.67	25.73	22.48	26.48	25.50	24.65	26.52	24.55
		50	0	24.62	25.43	24.62	24.73	25.52	24.82	22.04	25.70	24.57	23.32	25.56	23.46
20.0	16QAM	50	24	24.59	25.51	22.84	24.79	25.40	24.89	23.11	24.83	24.46	23.28	25.62	23.42
		50	49	24.14	25.65	24.22	24.96	25.66	24.73	22.34	25.60	24.64	22.48	25.49	23.22
		100	0	24.43	25.59	24.54	25.00	24.26	24.21	21.57	25.07	24.00	23.66	25.42	23.69
	64QAM	1	0	22.12	23.58	21.46	21.91	23.69	22.53	21.14	22.11	22.53	21.67	23.47	21.54
		1	49	22.52	23.48	22.57	21.96	23.44	22.01	21.06	23.65	22.36	21.70	23.43	21.22
		1	99	22.40	23.62	22.67	22.99	22.71	22.95	19.84	23.31	22.48	21.48	23.65	20.32
		50	0	22.31	23.40	21.88	22.98	23.65	22.71	20.35	23.42	22.63	20.90	23.51	21.46
		50	24	22.65	23.53	22.54	23.00	23.43	22.95	21.14	23.54	22.57	20.80	23.53	20.96
		50	49	22.65	23.55	21.84	22.74	23.38	22.86	19.83	23.56	22.21	21.51	23.54	21.45
	256QAM	100	0	22.65	23.61	21.91	22.28	23.65	22.92	20.67	23.51	22.16	21.46	23.30	21.68

OUTPUT POWER FOR LTE BAND 41 (20.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 14			ANT 1			ANT 3			ANT 4		
				39750	40620	41490	39750	40620	41490	39750	40620	41490	39750	40620	41490
				2506.0	2593.0	2680.0	2506.0	2593.0	2680.0	2506.0	2593.0	2680.0	2506.0	2593.0	2680.0
20.0	QPSK	1	0	27.03	26.35	27.70	26.95	28.61	27.41	26.20	27.76	27.44	26.02	27.54	25.06
		1	49	27.50	28.70	26.83	28.00	28.70	27.92	25.81	26.72	27.70	25.62	28.70	26.57
		1	99	27.70	28.03	27.09	27.09	26.90	28.00	26.00	28.70	26.70	26.70	28.12	26.70
		50	0	26.68	27.43	26.64	26.91	27.57	26.73	25.00	27.07	26.07	25.52	27.65	25.63
		50	24	26.47	27.44	25.24	26.94	26.74	26.89	24.97	27.60	26.67	25.49	27.50	25.62
		50	49	26.21	27.54	26.14	26.74	26.80	26.71	24.98	27.51	25.31	25.63	27.61	25.64
	16QAM	100	0	26.65	27.20	25.18	26.65	27.52	26.81	23.78	27.66	25.61	25.24	27.53	25.30
		1	0	25.33	27.64	26.63	26.95	26.67	26.65	25.00	25.74	26.53	25.68	27.45	25.42
		1	49	26.66	27.42	26.63	26.75	27.49	26.85	24.50	26.89	24.94	25.61	27.32	25.68
		1	99	26.59	26.87	26.54	26.80	27.49	26.76	24.31	27.54	26.62	25.60	27.58	25.69
		50	0	25.67	26.43	25.56	25.82	26.47	24.30	24.11	26.67	25.42	24.53	26.41	24.17
		50	24	25.40	26.57	25.49	25.91	26.60	25.17	23.67	26.42	25.02	24.63	26.50	24.54
	64QAM	50	49	25.46	26.69	25.53	25.75	26.51	25.55	23.29	26.58	24.80	24.50	26.58	24.18
		100	0	25.33	26.69	25.02	20.08	26.70	25.00	23.98	26.62	25.49	24.70	26.59	24.47
		1	0	25.27	26.64	25.03	25.79	26.45	25.52	23.91	25.51	25.47	24.45	26.59	24.55
		1	49	25.21	26.44	23.82	25.71	24.76	25.96	21.96	25.84	25.52	23.51	26.59	23.33
		1	99	25.20	26.56	25.46	25.84	26.67	25.73	22.48	26.48	25.50	24.65	26.52	24.55
		50	0	24.62	25.43	24.62	24.73	25.52	24.82	22.04	25.70	24.57	23.32	25.56	23.46
	256QAM	50	24	24.59	25.51	22.84	24.79	25.40	24.89	23.11	24.83	24.46	23.28	25.62	23.42
		50	49	24.14	25.65	24.22	24.96	25.66	24.73	22.34	25.60	24.64	22.48	25.49	23.22
		100	0	24.43	25.59	24.54	25.00	24.26	24.21	21.57	25.07	24.00	23.66	25.42	23.69
		1	0	22.12	23.58	21.46	21.91	23.69	22.53	21.14	22.11	22.53	21.67	23.47	21.54
		1	49	22.52	23.48	22.57	21.96	23.44	22.01	21.06	23.65	22.36	21.70	23.43	21.22
		1	99	22.40	23.62	22.67	22.99	22.71	22.95	19.84	23.31	22.48	21.48	23.65	20.32
50		0	22.31	23.40	21.88	22.98	23.65	22.71	20.35	23.42	22.63	20.90	23.51	21.46	
50		24	22.65	23.53	22.54	23.00	23.43	22.95	21.14	23.54	22.57	20.80	23.53	20.96	
50		49	22.65	23.55	21.84	22.74	23.38	22.86	19.83	23.56	22.21	21.51	23.54	21.45	
100		0	22.65	23.61	21.91	22.28	23.65	22.92	20.67	23.51	22.16	21.46	23.30	21.63	

8.5. 5G NR n41 (FCC SISO)

Test Engineer ID:	28774	Test Date:	2026-05-29
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OUTPUT POWER FOR 5G NR n41 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 14			ANT 1			ANT 3			ANT 4		
				500202	518598	537000	500202	518598	537000	500202	518598	537000	500202	518598	537000
10.0	BPSK	1	0	24.03	24.98	23.82	24.50	24.87	24.16	22.55	25.08	24.01	23.00	25.18	23.11
		1	1	27.65	28.62	27.70	27.91	28.70	27.61	26.00	28.61	27.70	26.45	28.30	26.56
		1	22	27.41	28.70	27.45	27.98	28.49	28.00	25.87	28.60	27.32	26.33	28.70	26.56
		1	23	23.90	25.12	23.89	24.46	25.17	24.36	22.53	25.08	24.02	22.93	25.04	22.97
		12	6	27.70	28.69	27.41	28.00	28.45	27.94	26.20	28.70	27.54	26.70	28.66	26.70
		24	0	25.64	28.07	27.01	26.48	28.09	27.28	25.17	28.13	27.15	26.09	27.88	26.19
	QPSK	1	0	24.19	24.99	24.11	24.36	25.01	24.31	22.36	25.10	24.02	22.73	24.91	22.86
		1	1	27.36	28.70	27.69	27.98	28.51	27.90	26.20	28.70	27.70	26.70	28.57	26.54
		1	22	27.64	28.56	27.70	27.80	28.56	27.83	26.10	28.37	27.37	26.66	28.70	26.70
		1	23	23.84	24.78	24.06	24.22	24.98	24.41	22.46	25.08	23.79	23.11	25.14	23.19
		12	6	27.70	28.65	27.47	28.00	28.70	28.00	25.72	28.42	27.68	26.40	28.44	26.29
		24	0	25.10	27.69	26.66	25.75	27.39	26.73	25.19	27.50	26.41	25.67	27.57	25.63
	16QAM	1	0	24.11	24.82	23.76	24.48	25.15	24.40	22.48	24.84	23.83	22.90	24.91	22.82
		1	1	26.39	27.61	26.57	26.90	27.47	26.84	24.93	27.27	26.26	25.61	27.32	25.68
		1	22	26.39	27.56	26.53	26.93	27.29	26.99	24.79	27.29	26.35	25.62	27.68	25.50
		1	23	24.12	25.16	23.94	24.05	24.71	24.26	22.37	24.93	24.10	22.71	24.82	22.77
		12	6	26.42	27.69	26.61	26.83	27.34	26.87	25.07	27.36	26.52	25.61	27.70	25.60
		24	0	24.87	26.24	25.47	25.88	26.48	25.88	23.90	26.54	25.22	24.29	26.21	24.27
	64QAM	1	0	24.11	24.96	23.84	24.37	24.92	24.43	22.33	25.09	24.02	23.05	25.16	22.77
		1	1	25.12	26.19	24.90	25.37	25.97	25.12	23.56	25.81	24.78	23.94	25.97	23.91
		1	22	25.10	26.03	24.84	25.33	25.95	25.50	23.29	26.11	24.87	24.06	26.06	24.02
		1	23	23.96	24.83	24.02	24.35	24.98	24.31	22.28	24.86	24.06	23.05	24.92	23.01
		12	6	25.19	25.87	24.93	25.33	26.12	25.34	23.36	25.98	25.18	23.71	25.87	24.20
		24	0	24.89	26.01	25.17	25.25	25.94	25.39	23.63	25.94	25.08	24.19	25.88	23.91
	256QAM	1	0	23.04	23.97	23.02	23.35	23.89	23.42	21.63	23.90	23.17	22.10	23.83	21.74
		1	1	23.20	24.13	23.11	23.40	24.10	23.00	21.24	24.05	22.88	21.80	23.79	21.99
		1	22	22.96	23.94	23.17	23.40	23.80	23.32	21.38	24.09	22.78	21.92	24.10	21.97
		1	23	22.81	24.19	23.10	23.26	24.06	23.31	21.49	23.98	23.06	22.12	23.87	22.15
		12	6	23.10	24.05	23.18	23.39	24.16	23.21	21.30	24.12	22.79	21.91	24.01	22.18
		24	0	22.81	24.06	23.15	23.27	23.96	23.06	21.23	24.08	22.82	21.71	23.77	21.77

OUTPUT POWER FOR 5G NR n41 (15.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 14			ANT 1			ANT 3			ANT 4		
				500700	518598	536496	500700	518598	536496	500700	518598	536496	500700	518598	536496
15.0	BPSK	1	0	25.03	25.93	26.82	25.03	25.93	26.82	25.03	25.93	26.82	25.03	25.93	26.82
		1	1	23.91	25.17	24.05	24.34	25.16	24.28	21.26	25.06	24.19	22.64	24.99	22.91
		1	36	27.45	28.36	27.51	27.66	28.43	28.00	26.12	28.55	27.29	26.69	27.02	26.68
		1	37	23.94	25.02	23.96	24.07	25.05	24.43	22.61	25.13	24.11	23.01	25.15	23.09
		18	9	27.70	28.43	27.60	28.00	28.59	27.92	25.34	28.70	27.70	26.70	28.70	26.62
		36	0	24.67	28.01	27.07	27.22	28.07	27.45	24.59	28.03	27.05	25.83	28.06	26.00
	QPSK	1	0	24.10	24.97	24.13	24.42	25.16	24.31	21.44	25.18	24.00	22.61	25.00	22.92
		1	1	27.70	28.70	27.68	27.44	28.59	27.89	25.10	28.27	26.88	26.40	28.48	26.55
		1	36	27.54	28.63	27.70	27.60	28.61	28.00	26.20	28.44	26.60	26.65	28.08	26.70
		1	37	23.96	25.04	24.12	23.99	25.01	24.47	22.48	24.99	24.15	23.02	25.00	23.03
		18	9	27.58	28.55	27.52	27.79	28.70	27.96	25.28	28.61	27.06	26.62	28.43	26.59
		36	0	24.94	27.60	26.41	26.72	27.47	26.99	24.10	27.67	26.15	25.48	27.57	25.57
	16QAM	1	0	24.01	24.94	24.14	24.35	25.11	24.23	21.38	24.95	24.08	22.63	25.15	22.98
		1	1	26.51	27.66	26.68	26.48	27.70	26.81	23.86	27.44	26.07	25.17	27.57	25.48
		1	36	26.54	27.58	26.59	26.68	27.46	26.97	25.01	27.60	25.81	25.43	27.26	25.58
		1	37	24.02	25.07	24.10	24.32	25.19	24.40	22.65	24.91	24.03	22.98	25.07	23.05
		18	9	26.53	27.64	26.64	26.81	27.50	26.85	24.07	27.62	26.24	25.30	27.61	25.49
		36	0	25.01	26.70	25.60	25.76	26.43	25.72	23.13	26.48	25.36	24.33	26.70	24.43
	64QAM	1	0	24.09	25.20	24.03	24.29	24.99	24.28	21.20	25.20	24.03	22.53	24.93	22.93
		1	1	25.01	26.03	25.13	25.11	26.08	25.20	22.49	26.00	24.77	23.64	25.92	23.88
		1	36	25.00	26.16	25.16	25.41	25.90	25.45	23.45	26.06	24.58	24.09	25.88	24.09
		1	37	24.04	25.10	24.09	24.40	25.03	24.50	22.45	25.02	24.08	23.04	24.94	23.16
		18	9	25.15	26.17	25.05	25.16	26.17	25.30	22.57	25.95	24.90	23.92	26.15	23.99
		36	0	25.00	26.10	25.15	25.22	26.13	25.34	22.47	26.20	25.01	23.87	25.92	24.00
	256QAM	1	0	23.05	24.11	22.91	23.26	24.08	23.23	20.26	24.01	23.17	21.47	23.99	21.90
		1	1	22.95	23.98	23.01	23.26	24.01	23.21	20.31	24.19	23.16	21.49	23.97	21.88
		1	36	23.00	24.11	23.02	23.28	24.06	23.34	21.55	23.97	23.18	22.01	23.99	21.89
		1	37	23.02	23.98	23.18	23.29	24.03	23.40	21.52	23.98	22.92	22.05	23.93	22.04
		18	9	23.03	23.95	23.07	23.22	24.12	23.23	20.47	23.92	23.07	21.82	24.14	21.99
		36	0	22.99	24.00	23.08	23.20	23.93	23.24	20.48	24.19	23.04	21.85	23.99	21.91

OUTPUT POWER FOR 5G NR n41 (20.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 14			ANT 1			ANT 3			ANT 4		
				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	24.12	25.09	24.15	24.33	24.93	24.31	21.21	25.06	23.98	22.45	25.06	22.86
		1	1	27.01	28.70	27.66	27.99	28.56	27.76	24.88	28.68	27.68	26.19	28.68	26.41
		1	49	27.68	28.40	27.60	27.98	28.57	27.95	26.06	28.54	27.21	26.52	28.49	26.68
		1	50	24.04	25.16	24.12	24.23	25.17	24.44	22.52	25.04	24.04	22.92	25.07	22.95
		25	12	27.70	28.52	27.70	27.92	28.65	28.00	25.32	28.70	27.70	26.55	28.68	26.57
	QPSK	50	0	26.13	28.08	27.15	27.43	28.05	27.48	24.82	27.92	27.08	25.99	28.07	26.11
		1	0	24.07	25.03	24.03	24.28	24.99	24.43	22.61	24.96	24.02	23.08	25.00	23.03
		1	1	27.60	28.69	27.57	28.00	28.62	27.75	26.12	28.46	27.48	26.47	28.41	26.70
		1	49	27.70	28.56	27.60	27.92	28.70	28.00	26.20	28.63	27.52	26.60	28.57	26.56
		1	50	24.11	24.93	24.14	24.37	24.95	24.38	22.61	24.93	23.98	23.08	24.99	23.07
		25	12	27.44	28.70	27.70	27.91	28.66	27.77	26.06	28.70	27.70	26.70	28.70	26.66
	16QAM	50	0	24.94	27.42	26.46	26.94	27.55	26.97	25.05	27.52	26.63	25.47	27.57	25.51
		1	0	24.10	25.20	23.95	24.47	25.08	24.32	22.58	25.20	24.00	23.06	24.97	23.03
		1	1	26.53	27.62	26.45	26.75	27.47	26.83	25.00	27.54	26.41	25.63	27.40	25.68
		1	49	26.69	27.51	26.53	26.90	27.48	26.77	25.03	27.46	26.50	25.57	27.45	25.42
		1	50	24.12	24.93	24.07	24.40	25.04	24.20	22.68	25.10	24.05	22.99	24.96	23.03
		25	12	26.68	27.56	26.55	26.98	27.46	26.71	25.04	27.53	26.53	25.68	27.57	25.62
	64QAM	50	0	25.10	26.60	25.52	25.94	26.69	25.74	24.20	26.49	25.47	24.63	26.51	24.53
		1	0	23.99	24.94	23.95	24.32	25.12	24.21	22.59	25.02	24.08	23.05	25.02	23.17
		1	1	25.17	25.93	24.94	25.46	26.07	25.38	23.45	26.01	25.14	24.02	26.12	24.20
		1	49	24.92	26.13	25.04	25.31	26.01	25.47	23.52	26.06	25.00	24.11	25.91	23.91
		1	50	23.94	25.06	24.08	24.40	25.16	24.46	22.58	25.10	23.98	23.03	25.04	23.07
		25	12	25.03	26.09	24.96	25.49	26.18	25.43	23.45	25.99	25.01	24.13	26.11	24.05
	256QAM	50	0	25.20	26.20	25.01	25.50	26.08	25.27	23.45	26.20	25.17	24.18	26.17	24.10
		1	0	22.96	24.13	23.19	23.38	23.99	23.42	21.64	23.95	23.16	22.14	24.15	21.93
		1	1	23.16	23.93	23.09	23.42	24.07	23.49	21.48	24.20	23.10	22.18	23.95	22.12
		1	49	22.92	24.09	23.12	23.26	24.01	23.26	21.52	24.12	23.16	22.16	24.03	22.13
		1	50	23.16	24.20	22.91	23.49	24.18	23.49	21.59	24.08	23.18	22.15	24.02	22.11
		25	12	22.99	24.15	23.05	23.24	24.14	23.35	21.49	24.12	22.99	21.95	24.09	22.10
		50	0	23.01	23.94	23.01	23.41	23.91	23.42	21.61	24.13	23.17	22.05	24.18	22.19

OUTPUT POWER FOR 5G NR n41 (25.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 14			ANT 1			ANT 3			ANT 4		
				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	24.17	24.95	24.02	22.85	25.00	24.31	21.37	25.10	24.19	20.68	25.17	22.91
		1	63	27.40	28.70	27.66	26.62	28.70	27.99	24.96	28.70	27.51	24.45	28.70	26.63
		1	64	24.06	24.85	24.15	24.42	25.13	24.31	22.41	25.07	24.07	22.99	24.90	22.96
		32	16	27.54	28.20	27.62	26.31	28.50	27.94	25.21	28.65	27.70	24.74	28.45	26.54
		64	0	26.09	27.85	27.07	25.35	28.09	27.42	24.61	27.94	27.02	24.20	27.94	26.04
	QPSK	1	0	24.16	25.20	24.03	22.83	24.96	24.36	21.42	25.14	24.17	20.75	25.09	23.00
		1	1	27.63	28.57	27.70	26.12	28.67	27.99	24.94	28.54	26.71	24.49	28.54	26.69
		1	63	27.70	28.60	27.59	28.00	28.45	27.84	26.20	28.48	26.23	26.49	28.26	26.70
		1	64	24.09	24.93	24.08	24.44	25.02	24.44	22.53	25.12	24.19	22.99	24.90	23.11
		32	16	27.65	28.70	27.51	26.39	28.50	28.00	25.22	28.61	27.09	24.76	28.49	26.67
		64	0	25.03	27.61	26.43	25.27	27.59	26.95	24.15	27.49	26.27	23.61	27.56	25.56
	16QAM	1	0	24.02	25.10	24.14	22.86	24.94	24.27	21.36	25.16	24.17	20.64	25.01	23.12
		1	1	26.48	27.58	26.50	25.09	27.66	26.88	23.75	27.49	25.79	23.34	27.48	25.56
		1	63	26.51	27.69	26.65	26.94	27.44	26.85	24.90	27.52	25.42	25.67	27.41	25.41
		1	64	24.09	25.08	24.08	24.45	25.06	24.31	22.50	25.18	24.01	23.13	25.11	22.94
		32	16	26.60	27.59	26.63	25.07	27.57	26.79	24.08	27.40	26.24	23.55	27.49	25.42
		64	0	24.97	26.55	25.64	24.12	26.49	25.83	23.02	26.44	25.38	22.55	26.47	24.45
	64QAM	1	0	24.05	25.02	24.10	22.84	24.93	24.41	21.18	25.02	24.12	20.78	25.04	22.90
		1	1	25.07	26.19	25.20	23.89	26.02	25.41	22.39	25.97	24.29	21.92	26.13	23.99
		1	63	25.14	26.10	24.99	25.22	26.12	25.37	23.52	26.19	24.13	24.01	25.96	24.05
		1	64	24.14	25.08	24.00	24.34	25.14	24.23	22.55	24.99	24.07	23.13	25.17	22.87
		32	16	25.06	26.08	24.99	23.61	26.12	25.24	22.57	26.16	24.95	22.05	25.98	24.02
		64	0	24.99	26.10	25.03	23.62	26.02	25.29	22.54	26.11	24.89	22.03	26.07	23.95
	256QAM	1	0	23.18	24.10	23.04	21.74	24.15	23.41	20.15	23.99	22.95	19.55	23.92	22.06
		1	1	23.14	23.96	22.98	21.73	24.04	23.42	20.27	24.03	23.00	19.62	24.06	21.85
		1	63	22.98	24.01	23.05	23.37	24.17	23.15	21.63	23.92	22.79	21.99	24.10	21.86
		1	64	23.19	24.09	23.18	23.42	24.07	23.15	21.55	23.90	22.79	22.00	24.17	22.02
		32	16	23.14	24.12	23.05	21.50	24.14	23.27	20.47	23.97	23.18	20.02	24.08	21.85
		64	0	23.15	24.17	22.99	21.68	24.20	23.23	20.47	24.05	23.14	19.95	23.92	22.00

OUTPUT POWER FOR 5G NR n41 (30.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 14			ANT 1			ANT 3			ANT 4		
				502200	518598	524996	502200	518598	524996	502200	518598	524996	502200	518598	524996
30.0	BPSK	1	0	24.14	24.95	23.89	22.85	25.15	24.35	21.43	25.01	24.19	20.66	25.11	23.03
		1	1	27.41	28.70	27.45	26.64	28.64	27.85	25.10	28.70	27.55	24.37	28.66	26.70
		1	76	27.70	28.23	27.70	28.00	28.53	27.86	26.20	28.52	26.95	26.55	28.34	26.64
		1	77	24.02	25.01	24.17	24.35	25.17	24.16	22.56	25.03	24.07	22.95	25.04	22.83
		36	18	27.44	28.14	27.46	26.38	28.51	27.87	25.25	28.47	27.70	24.75	28.45	26.42
		75	0	27.01	27.97	26.95	25.77	28.19	27.39	24.67	28.13	27.02	24.06	28.05	25.93
	QPSK	1	0	24.03	25.03	23.90	22.90	25.08	24.41	21.39	25.06	24.09	20.79	25.12	22.99
		1	1	26.45	28.70	27.35	26.14	28.70	27.86	25.08	28.38	26.71	24.48	28.70	26.64
		1	76	27.58	27.56	26.92	27.99	28.46	27.93	26.16	28.48	26.32	26.70	28.26	26.60
		1	77	23.94	25.06	24.11	24.50	25.17	24.38	22.60	25.19	24.19	23.11	25.20	22.92
		36	18	27.43	27.53	27.10	26.30	28.52	28.00	25.22	28.55	27.07	24.66	28.46	26.46
		75	0	24.51	26.78	26.35	24.97	27.45	26.92	24.26	27.69	26.21	23.65	27.45	25.54
	16QAM	1	0	23.96	24.94	23.84	22.88	25.01	23.09	21.47	24.95	23.91	20.47	25.11	23.03
		1	1	25.36	27.67	26.40	25.15	27.45	25.55	23.81	27.65	25.98	23.32	27.47	25.60
		1	76	26.29	26.72	26.16	27.00	27.68	25.44	25.12	27.44	25.50	25.66	27.39	25.40
		1	77	23.83	24.97	24.04	24.38	25.10	22.95	22.68	25.18	24.15	23.05	24.92	22.95
		36	18	26.34	26.63	26.26	25.19	27.62	25.50	24.11	27.68	26.16	23.54	27.52	25.29
		75	0	24.48	25.90	25.32	24.16	26.42	24.54	23.08	26.43	25.23	22.52	26.55	24.37
	64QAM	1	0	23.97	25.06	23.82	22.74	25.12	23.01	21.11	24.92	23.94	20.59	25.04	22.80
		1	1	24.10	26.15	24.95	23.82	26.13	24.08	22.40	26.16	24.64	21.75	26.06	23.93
		1	76	24.77	25.30	24.76	25.35	25.95	23.98	23.59	26.17	24.10	23.88	26.02	23.97
		1	77	23.87	24.87	24.16	24.35	25.15	22.94	22.60	24.91	24.07	22.92	24.95	22.85
		36	18	24.89	25.35	24.86	23.65	25.92	23.93	22.65	25.94	24.79	22.01	26.07	23.79
		75	0	24.90	25.42	24.84	23.66	25.99	24.03	22.60	25.92	24.71	22.04	26.16	23.79
	256QAM	1	0	22.51	24.03	22.83	21.82	23.91	22.16	20.16	23.95	22.87	19.47	24.20	21.78
		1	1	22.64	23.93	22.88	21.70	24.15	22.28	20.26	23.97	23.08	19.61	24.05	21.90
		1	76	22.80	23.76	22.84	23.46	24.11	22.08	21.58	24.07	22.88	21.88	23.92	21.66
		1	77	23.04	24.08	22.93	23.31	24.03	21.89	21.54	23.93	22.83	22.05	23.99	21.86
		36	18	22.84	23.85	22.82	21.56	24.00	22.02	20.56	24.04	23.00	20.01	24.14	21.84
		75	0	22.89	23.92	22.83	21.65	23.96	22.04	20.56	24.04	23.11	20.02	24.17	21.82

OUTPUT POWER FOR 5G NR n41 (35.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 14			ANT 1			ANT 3			ANT 4		
				502704	518598	534498	502704	518598	534498	502704	518598	534498	502704	518598	534498
35.0	BPSK	1	0	24.14	25.12	24.13	24.04	25.04	24.39	21.47	24.99	24.20	20.72	25.04	23.00
		1	1	27.26	28.70	27.52	27.67	28.70	28.00	25.01	28.70	27.51	24.32	28.70	26.70
		1	90	27.70	28.04	27.42	27.95	28.45	27.90	26.15	28.56	26.68	26.70	28.44	26.59
		1	91	24.18	25.04	23.94	24.37	25.10	24.42	22.43	24.91	24.04	23.17	24.94	23.02
		45	22	27.67	28.15	27.70	27.67	28.51	27.95	25.28	28.62	27.70	24.90	28.47	26.62
		90	0	26.64	27.74	27.11	26.33	28.15	27.49	24.74	28.15	26.99	24.35	28.07	26.01
	QPSK	1	0	24.16	25.01	24.07	24.08	25.18	24.34	21.38	25.12	23.96	20.77	25.12	23.08
		1	1	26.24	28.70	27.21	27.39	28.70	27.98	24.96	27.98	26.61	24.35	28.65	26.63
		1	90	27.58	27.28	26.71	28.00	28.51	27.93	26.20	28.08	26.02	26.66	28.15	26.66
		1	91	24.13	24.89	23.91	24.33	24.97	24.36	22.56	25.19	23.91	23.12	24.99	23.04
		45	22	27.26	27.32	27.13	27.49	28.64	27.99	25.42	28.66	26.92	24.97	28.57	26.68
		90	0	26.32	26.57	26.27	26.46	27.51	26.98	24.32	27.39	26.10	23.84	27.48	25.58
	16QAM	1	0	24.10	25.08	24.19	23.83	25.20	24.36	21.08	25.01	24.11	20.56	25.07	22.96
		1	1	25.30	27.69	26.32	26.54	27.42	26.81	23.88	27.41	25.77	23.46	27.58	25.46
		1	90	26.51	26.27	25.88	26.82	27.56	26.97	25.04	27.39	25.07	25.47	27.33	25.40
		1	91	24.11	25.10	24.00	24.30	24.97	24.33	22.51	25.08	24.11	22.94	25.18	22.98
		45	22	26.51	26.52	26.28	26.38	27.61	26.86	24.18	27.53	26.09	23.80	27.62	25.37
		90	0	25.36	25.72	25.30	25.40	26.68	25.89	23.17	26.60	25.22	22.73	26.58	24.55
	64QAM	1	0	23.91	24.92	24.00	23.95	24.98	24.46	21.17	25.09	23.91	20.76	25.15	22.99
		1	1	23.89	26.02	24.86	25.01	25.91	25.44	22.36	25.85	24.46	21.70	25.95	24.14
		1	90	25.08	24.95	24.67	25.33	25.95	25.35	23.60	25.93	23.84	24.12	26.07	23.98
		1	91	23.86	24.76	24.19	24.48	25.06	24.37	22.50	25.15	23.85	23.09	25.12	22.85
		45	22	25.01	25.17	24.72	24.90	25.98	25.37	22.67	26.15	24.80	22.31	25.93	23.86
		90	0	24.94	25.16	24.86	24.94	25.94	25.34	22.62	26.13	24.71	22.21	25.90	23.92
	256QAM	1	0	22.22	23.99	23.03	22.84	24.01	23.45	20.40	24.20	22.69	19.64	23.91	21.90
		1	1	22.42	24.09	23.02	22.93	24.05	23.46	20.29	24.18	22.85	19.69	24.09	22.05
		1	90	23.08	23.46	23.07	23.34	24.06	23.33	21.43	24.04	22.50	22.11	23.93	21.92
		1	91	23.20	23.76	22.89	23.36	24.04	23.19	21.48	24.04	22.46	22.10	24.18	22.02
		45	22	23.01	24.14	23.14	22.81	24.00	23.31	20.69	24.08	23.09	20.24	24.08	21.97
		90	0	23.09	24.19	23.03	22.86	24.03	23.39	20.64	24.09	23.20	20.24	23.95	22.03

OUTPUT POWER FOR 5G NR n41 (40.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 14			ANT 1			ANT 3			ANT 4		
				503202	518598	534000	503202	518598	534000	503202	518598	534000	503202	518598	534000
40.0	BPSK	1	0	24.02	25.12	24.01	24.30	24.99	24.23	21.30	25.02	24.19	22.36	24.97	23.17
		1	1	27.07	28.70	27.70	27.86	28.34	27.82	25.01	28.68	27.34	26.11	28.70	26.70
		1	104	27.70	28.16	27.38	28.00	28.41	28.00	26.19	28.66	26.32	26.36	27.96	25.81
		1	105	24.09	25.02	24.08	24.35	24.96	24.22	22.51	24.93	23.98	22.67	25.11	22.94
		50	25	27.61	28.34	27.69	27.84	28.42	27.98	25.39	28.70	27.70	26.70	28.38	26.13
		100	0	26.13	27.80	26.94	26.97	28.02	27.23	24.90	28.06	27.08	26.18	27.72	25.25
	QPSK	1	0	24.13	25.11	24.03	24.27	25.06	24.50	21.38	25.16	24.18	22.43	24.99	23.11
		1	1	26.18	28.68	27.32	27.03	28.36	27.75	25.07	28.52	26.50	25.97	28.61	26.16
		1	104	27.56	27.27	26.74	27.76	28.15	27.56	26.20	27.93	25.77	25.89	27.23	25.28
		1	105	24.07	25.07	24.17	24.44	25.03	24.50	22.48	25.12	23.98	22.77	25.08	23.08
		50	25	27.24	27.46	27.21	27.55	28.70	27.54	25.48	28.12	26.93	26.64	27.49	25.21
		100	0	26.15	26.72	26.33	26.49	27.70	26.54	24.48	27.32	26.01	25.60	26.51	24.22
	16QAM	1	0	24.10	24.97	23.93	24.12	25.17	24.44	21.18	24.91	24.07	22.19	25.16	22.99
		1	1	25.42	27.57	26.33	26.24	27.48	26.94	23.81	27.34	25.57	24.90	27.41	25.14
		1	104	26.58	26.52	25.87	26.79	27.45	26.73	25.09	27.15	24.88	25.21	26.43	24.42
		1	105	24.00	24.89	24.13	24.46	24.96	24.42	22.43	25.13	24.14	22.66	25.19	22.99
		50	25	26.29	26.51	26.17	26.75	27.69	26.85	24.26	27.31	25.95	25.52	26.60	24.40
		100	0	25.32	25.74	25.38	25.75	26.54	25.90	23.22	26.46	25.20	24.39	25.70	23.53
	64QAM	1	0	23.78	24.95	24.01	24.24	25.18	24.44	21.14	25.07	24.09	22.40	24.99	23.04
		1	1	23.84	26.18	25.00	24.79	25.98	25.41	22.31	25.93	24.31	23.30	26.12	24.13
		1	104	24.98	25.03	24.62	25.45	26.10	25.31	23.63	25.79	23.79	23.87	25.04	23.48
		1	105	23.94	25.00	24.12	24.31	24.94	24.35	22.59	24.92	23.78	22.73	25.06	23.18
		50	25	24.97	25.21	24.96	25.12	25.99	25.45	22.77	26.01	24.72	23.98	25.29	23.06
		100	0	24.78	25.31	24.82	25.16	26.14	25.45	22.66	25.99	24.79	23.95	25.26	23.17
	256QAM	1	0	22.21	24.20	22.73	23.17	24.16	23.34	20.05	24.19	22.86	21.06	24.18	21.98
		1	1	22.28	24.01	23.03	23.27	23.94	23.47	20.07	24.03	22.88	21.35	23.99	22.13
		1	104	22.88	23.77	23.17	23.43	24.04	23.34	21.44	23.96	22.69	21.61	23.63	21.97
		1	105	23.04	23.67	22.98	23.40	24.14	23.25	21.62	23.95	22.44	21.67	23.78	22.19
		50	25	22.89	23.87	23.01	23.15	24.18	23.49	20.76	24.14	23.11	21.95	24.01	21.69
		100	0	22.95	23.86	23.00	23.22	24.01	23.32	20.68	24.14	23.12	21.85	24.00	21.89

OUTPUT POWER FOR 5G NR n41 (45.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 14			ANT 1			ANT 3			ANT 4		
				503700	518598	533496	503700	518598	533496	503700	518598	533496	503700	518598	533496
45.0	BPSK	1	0	23.75	25.07	24.17	23.33	25.08	24.36	22.44	25.20	23.99	22.93	25.07	23.05
		1	1	26.76	28.49	27.70	26.63	28.67	27.91	24.80	28.70	27.49	25.90	28.70	26.70
		1	117	27.70	28.70	27.29	28.00	28.63	27.90	26.20	28.29	26.17	26.70	27.83	26.00
		1	118	24.00	24.99	24.12	24.40	25.04	24.45	22.66	24.94	24.11	23.19	25.05	23.12
		54	27	27.27	28.57	27.54	26.72	28.67	27.92	25.12	28.66	27.70	26.19	28.42	26.39
		108	0	26.19	28.06	27.13	26.27	27.93	27.32	24.58	27.96	27.12	25.71	27.93	25.90
	QPSK	1	0	23.88	25.13	24.11	23.30	25.13	24.31	22.31	24.87	24.05	22.81	24.87	23.03
		1	1	25.68	28.34	27.25	25.80	28.26	28.00	25.96	28.62	27.66	26.70	28.30	26.70
		1	117	27.36	27.89	26.53	27.83	28.37	27.21	25.89	28.70	27.34	26.61	28.34	26.56
		1	118	24.06	24.90	23.91	24.42	25.07	24.36	22.27	25.04	24.14	22.93	25.08	23.02
		54	27	27.10	28.42	27.02	26.52	28.70	27.48	26.20	28.34	27.70	26.22	28.70	26.66
		108	0	25.88	27.59	26.22	25.47	27.53	26.44	25.02	27.41	26.56	25.58	27.60	25.24
	16QAM	1	0	23.84	25.07	24.18	23.11	25.04	24.49	22.53	24.98	24.13	22.90	24.81	22.78
		1	1	24.97	27.57	26.16	24.86	27.42	26.96	25.02	27.52	26.50	25.69	27.35	25.68
		1	117	26.59	27.12	25.69	26.93	27.61	26.41	25.17	27.44	26.45	25.67	27.70	25.70
		1	118	23.93	25.16	24.17	24.42	24.96	24.49	22.42	25.03	24.19	22.87	25.20	23.03
		54	27	26.20	27.65	26.19	25.66	27.61	26.71	24.87	27.63	26.56	25.45	27.35	25.25
		108	0	25.03	26.69	25.28	24.42	26.40	25.85	24.06	26.42	25.28	24.37	26.49	24.53
	64QAM	1	0	23.42	25.07	24.11	22.99	24.96	24.28	22.55	24.81	23.85	23.08	24.91	23.17
		1	1	23.42	26.05	24.75	23.50	26.13	25.29	23.49	25.91	24.81	23.79	25.87	23.79
		1	117	25.00	25.77	24.47	25.47	25.98	25.07	23.25	25.94	25.07	23.80	25.91	24.03
		1	118	23.82	24.94	24.15	24.26	25.14	24.50	22.64	25.08	23.90	22.73	24.88	23.07
		54	27	24.75	26.20	24.87	24.09	26.15	25.42	23.41	25.92	24.92	23.76	26.19	24.05
		108	0	24.62	25.95	24.82	24.21	26.13	25.36	23.54	25.78	25.16	23.90	25.81	24.10
	256QAM	1	0	22.05	24.07	23.03	22.15	24.06	23.49	21.56	24.07	23.06	21.82	24.00	22.06
		1	1	21.97	24.14	23.03	22.32	24.07	23.22	21.68	23.89	23.11	21.86	23.87	21.86
		1	117	22.99	24.08	23.14	23.41	24.05	23.49	21.24	24.17	22.86	21.87	24.13	22.13
		1	118	22.96	24.19	22.98	23.32	24.01	23.50	21.39	24.02	22.77	21.72	23.90	22.11
		54	27	22.77	24.20	22.96	22.08	23.99	23.28	21.52	23.74	23.07	22.14	23.97	22.10
		108	0	22.83	24.11	22.95	22.16	23.95	23.26	21.41	24.01	23.03	22.17	24.14	22.19

OUTPUT POWER FOR 5G NR n41 (50.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 14			ANT 1			ANT 3			ANT 4		
				504204	518598	532998	504204	518598	532998	504204	518598	532998	504204	518598	532998
50.0	BPSK	1	0	2521.0	2593.0	2665.0	2521.0	2593.0	2665.0	2521.0	2593.0	2665.0	2521.0	2593.0	2665.0
		1	1	26.83	28.41	27.62	26.68	28.64	27.94	24.72	28.70	27.56	25.22	28.70	26.70
		1	131	27.70	28.70	27.14	28.00	28.61	27.84	26.09	28.16	26.12	26.08	27.69	26.16
		1	132	24.20	24.92	23.99	24.32	25.04	24.32	22.48	25.14	24.02	22.97	25.18	23.11
		64	32	27.46	28.59	27.70	26.77	28.68	27.99	25.20	28.67	27.70	25.78	28.40	26.67
		128	0	26.94	27.97	27.06	26.22	28.17	27.41	24.59	27.97	26.96	25.22	28.10	25.71
	QPSK	1	0	23.78	24.89	23.77	24.25	25.07	24.14	22.69	24.76	24.04	22.87	25.08	22.82
		1	1	27.24	28.60	27.70	28.00	28.38	27.81	26.14	28.70	27.70	26.70	28.70	26.70
		1	131	27.70	28.70	27.29	27.73	28.51	28.00	26.17	28.25	27.50	26.60	28.56	26.53
		1	132	24.14	24.97	23.83	24.28	25.04	24.37	22.42	25.05	23.97	22.79	24.96	22.82
		64	32	27.44	28.35	27.70	27.99	28.70	27.85	26.20	28.34	27.47	26.58	28.54	26.68
		128	0	25.11	27.33	26.61	26.69	27.47	26.95	24.85	27.58	26.58	25.46	27.68	25.66
	16QAM	1	0	23.83	24.78	23.93	24.34	25.09	24.39	22.61	24.87	24.20	23.07	25.05	22.93
		1	1	26.49	27.41	26.70	26.97	27.58	26.61	25.01	27.49	26.69	25.27	27.23	25.69
		1	131	26.53	27.60	26.69	26.53	27.65	26.91	24.84	27.50	26.59	25.36	27.56	25.49
		1	132	23.82	25.18	23.78	24.25	24.87	24.35	22.50	24.97	24.03	22.91	24.75	22.98
		64	32	26.33	27.62	26.26	26.90	27.49	26.56	25.06	27.56	26.53	25.29	27.58	25.57
		128	0	24.79	26.68	25.45	25.62	26.40	25.88	24.13	26.54	25.63	24.61	26.49	24.48
	64QAM	1	0	24.00	24.98	23.78	24.34	25.01	24.42	22.39	24.70	24.20	22.77	24.93	22.91
		1	1	25.20	26.15	25.04	25.07	26.10	25.19	23.26	26.11	25.03	23.81	26.14	24.07
		1	131	24.86	25.97	25.20	25.41	25.90	25.33	23.33	25.91	24.99	24.05	26.02	23.91
		1	132	24.18	25.14	24.01	24.47	24.98	24.36	22.70	25.10	24.11	22.82	24.99	23.12
		64	32	24.76	26.04	24.99	25.45	25.81	25.34	23.63	25.75	25.07	23.99	26.15	24.20
		128	0	24.99	26.10	25.04	25.50	25.96	25.17	23.48	26.08	25.04	23.90	25.99	23.91
	256QAM	1	0	22.76	23.72	22.97	23.14	24.16	23.17	21.35	24.12	23.04	21.84	23.71	22.20
		1	1	22.90	23.86	22.92	23.45	23.95	23.37	21.53	24.18	23.16	22.18	24.09	22.10
		1	131	23.03	23.95	23.05	23.42	23.99	23.20	21.63	23.95	23.10	22.07	23.70	22.10
		1	132	23.17	23.99	22.76	23.07	24.08	23.23	21.35	23.87	22.91	21.92	23.98	21.87
		64	32	22.80	23.90	22.89	23.16	24.04	23.11	21.47	23.79	23.14	21.90	23.80	22.15
		128	0	22.71	23.97	23.19	23.27	24.05	23.25	21.65	23.86	23.07	21.83	23.99	22.11

OUTPUT POWER FOR 5G NR n41 (60.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 14			ANT 1			ANT 3			ANT 4		
				505200	518598	531996	505200	518598	531996	505200	518598	531996	505200	518598	531996
60.0	BPSK	1	0	2526.0	2593.0	2660.0	2526.0	2593.0	2660.0	2526.0	2593.0	2660.0	2526.0	2593.0	2660.0
		1	1	23.87	25.02	24.10	23.05	25.14	24.32	20.97	25.02	24.14	21.70	25.16	23.10
		1	160	26.85	28.70	27.70	26.44	28.70	27.93	24.73	28.46	27.43	25.52	28.70	26.68
		1	161	24.01	25.12	24.04	24.38	25.09	24.35	22.59	24.94	24.03	23.03	24.92	23.16
		81	40	27.40	28.41	27.49	26.57	28.52	27.81	25.17	28.70	27.70	26.07	28.38	26.70
		162	0	25.55	28.02	27.14	26.10	28.11	27.29	24.57	27.94	27.03	25.49	28.18	26.14
	QPSK	1	0	23.85	25.14	24.15	24.04	25.06	24.08	22.48	24.91	23.86	22.97	25.00	22.80
		1	1	27.27	28.61	27.44	27.57	28.33	27.68	26.18	28.58	27.57	26.70	28.70	26.39
		1	160	27.70	28.70	27.70	27.71	28.46	28.00	26.20	28.67	27.65	26.44	28.61	26.45
		1	161	24.06	24.82	23.91	24.10	25.14	24.41	22.37	24.97	23.88	23.12	24.89	22.94
		81	40	27.29	28.21	27.38	28.00	28.70	27.89	25.90	28.70	27.70	26.44	28.61	26.70
		162	0	24.81	27.69	26.57	26.65	27.23	26.60	24.97	27.59	26.59	25.43	27.42	25.47
	16QAM	1	0	23.98	25.14	23.97	24.30	24.85	24.38	22.21	24.76	24.04	23.11	24.82	22.95
		1	1	26.40	27.60	26.27	26.60	27.33	26.68	24.87	27.35	26.34	25.54	27.33	25.62
		1	160	26.56	27.29	26.34	26.74	27.43	26.83	25.00	27.58	26.60	25.53	27.46	25.44
		1	161	24.07	24.71	23.82	24.24	24.99	24.47	22.34	24.70	23.78	23.14	25.05	22.81
		81	40	26.54	27.55	26.47	26.56	27.21	26.57	24.71	27.65	26.29	25.28	27.26	25.69
		162	0	24.83	26.65	25.33	25.93	26.60	25.88	24.07	26.55	25.48	24.50	26.40	24.35
	64QAM	1	0	23.81	25.04	23.92	24.16	24.94	24.08	22.59	25.12	24.08	23.11	25.16	22.78
		1	1	24.82	25.81	24.74	25.40	25.83	25.19	23.45	26.17	24.85	23.90	25.78	24.14
		1	160	24.73	25.91	24.82	25.44	25.95	25.36	23.49	26.03	24.74	23.98	25.82	24.02
		1	161	23.85	24.87	23.90	24.19	25.16	24.32	22.43	24.86	23.85	23.03	24.94	23.08
		81	40	24.83	25.85	24.92	25.13	26.12	25.46	23.49	26.13	24.71	24.03	25.98	24.03
		162	0	24.77	26.15	24.97	25.19	26.19	25.25	23.41	26.13	24.84	24.13	26.18	23.89
	256QAM	1	0	22.99	24.04	22.91	23.34	24.10	23.32	21.61	24.10	22.88	22.12	23.80	22.05
		1	1	23.09	23.75	22.76	23.32	24.20	23.17	21.43	23.94	22.86	22.19	24.13	22.04
		1	160	22.98	23.74	23.02	23.19	23.80	23.06	21.53	24.04	23.15	22.13	24.09	21.79
		1	161	22.97	24.03	22.91	23.25	24.02	23.49	21.54	23.99	22.77	22.01	23.78	21.80
		81	40	22.77	24.00	22.75	23.06	23.89	23.36	21.35	24.09	23.06	21.96	24.19	22.20
		162	0	22.96	23.87	23.06	23.42	24.15	23.17	21.41	23.93	23.05	22.03	24.16	21.92

OUTPUT POWER FOR 5G NR n41 (70.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 14			ANT 1			ANT 3			ANT 4		
				506202	518598	531000	506202	518598	531000	506202	518598	531000	506202	518598	531000
70.0	BPSK	1	0	2531.0	2593.0	2655.0	2531.0	2593.0	2655.0	2531.0	2593.0	2655.0	2531.0	2593.0	2655.0
		1	1	25.89	28.70	27.70	26.63	27.93	27.92	24.07	28.34	27.70	25.36	28.70	26.09
		1	187	27.70	28.67	26.71	28.00	28.64	27.56	26.20	28.28	25.74	26.70	27.59	25.56
		1	188	24.16	25.12	24.07	24.36	24.98	24.29	22.46	25.04	24.16	23.20	24.90	23.16
		90	45	27.22	28.63	27.44	27.18	28.70	28.00	25.95	28.66	27.35	26.10	28.43	26.70
		180	0	25.67	28.19	27.16	26.45	28.13	27.25	25.16	28.11	27.00	25.58	28.17	26.13
	QPSK	1	0	24.12	25.05	24.10	24.26	24.78	24.21	22.56	24.76	23.94	22.97	24.81	22.87
		1	1	27.49	28.65	27.70	27.57	28.70	27.71	26.20	28.25	27.70	26.70	28.70	26.46
		1	187	27.70	28.54	27.44	27.79	28.41	28.00	25.94	28.69	27.41	26.25	28.34	26.70
		1	188	24.19	25.20	24.11	24.10	24.70	24.48	22.54	24.99	23.97	23.10	25.15	23.06
		90	45	27.51	28.70	27.47	28.00	28.51	27.76	25.95	28.70	27.36	26.24	28.30	26.61
		180	0	25.01	27.70	26.52	26.74	27.51	26.72	24.90	27.43	26.45	25.44	27.35	25.60
	16QAM	1	0	24.15	25.18	23.84	24.31	24.98	24.22	22.51	24.84	24.04	23.00	24.87	23.00
		1	1	26.41	27.36	26.36	26.89	27.40	26.83	25.08	27.26	26.59	25.51	27.32	25.66
		1	187	26.64	27.64	26.57	26.66	27.52	26.65	24.88	27.46	26.38	25.47	27.48	25.42
		1	188	24.05	24.98	24.17	24.11	25.10	24.43	22.64	24.95	24.13	22.99	24.73	23.04
		90	45	26.61	27.69	26.50	26.89	27.56	26.98	25.14	27.46	26.63	25.24	27.40	25.27
		180	0	25.16	26.67	25.27	25.69	26.69	25.82	23.82	26.36	25.63	24.56	26.27	24.56
	64QAM	1	0	24.19	25.15	24.13	24.42	24.80	24.23	22.29	25.09	23.87	22.94	25.20	22.88
		1	1	25.00	26.07	25.07	25.13	25.72	25.43	23.53	26.09	24.98	24.06	25.75	23.94
		1	187	24.78	26.01	25.10	25.14	26.18	25.30	23.34	26.10	24.95	23.83	25.75	24.06
		1	188	23.95	25.06	24.10	24.48	25.06	24.46	22.60	25.13	23.93	22.88	24.94	23.07
		90	45	25.03	26.03	25.08	25.26	26.04	25.48	23.60	25.95	25.17	23.94	25.96	23.99
		180	0	24.88	25.91	25.07	25.25	26.14	25.37	23.45	25.80	24.85	23.89	26.07	24.05
	256QAM	1	0	22.96	23.82	23.16	23.37	24.06	23.24	21.68	24.00	22.97	22.13	23.74	21.75
		1	1	23.17	24.10	22.80	23.29	24.10	23.29	21.55	24.16	22.94	21.89	23.89	22.05
		1	187	23.09	24.17	23.15	23.08	23.94	23.35	21.36	23.84	23.10	22.00	24.04	22.01
		1	188	23.08	24.01	22.88	23.47	23.83	23.42	21.51	24.07	23.06	22.16	24.14	21.77
		90	45	23.19	23.81	23.19	23.15	23.82	23.19	21.64	23.84	22.81	22.12	24.18	22.05
		180	0	23.08	24.14	23.08	23.35	23.93	23.18	21.37	23.72	22.85	21.90	23.89	21.93

OUTPUT POWER FOR 5G NR n41 (80.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 14			ANT 1			ANT 3			ANT 4		
				507204	518598	529998	507204	518598	529998	507204	518598	529998	507204	518598	529998
80.0	BPSK	1	0	2536.0	2593.0	2650.0	2536.0	2593.0	2650.0	2536.0	2593.0	2650.0	2536.0	2593.0	2650.0
		1	1	24.11	25.12	24.00	24.47	24.91	24.21	22.37	24.91	24.05	23.19	25.20	22.78
		1	215	27.70	28.70	27.70	28.00	28.70	27.74	26.20	28.50	27.62	26.64	28.70	26.70
		1	216	27.65	28.62	27.48	27.93	28.38	28.00	25.98	28.67	27.70	26.68	28.38	26.40
		1	216	24.17	24.92	23.97	24.49	25.09	24.36	22.68	25.02	24.13	23.05	25.04	23.00
		108	54	27.55	28.30	27.46	27.98	28.68	27.86	26.15	28.70	27.63	26.70	28.55	26.55
	QPSK	216	0	24.30	27.84	27.13	27.49	28.10	27.07	24.50	28.09	27.09	26.18	28.02	25.88
		1	0	23.78	25.14	24.18	24.13	24.85	24.10	22.40	25.18	24.13	23.14	25.10	22.99
		1	1	27.66	28.39	27.53	27.68	28.70	27.97	25.90	28.48	27.70	26.48	28.35	26.29
		1	215	27.70	28.70	27.65	27.90	28.30	28.00	26.17	28.70	27.65	26.41	28.32	26.68
		1	216	24.17	25.15	24.05	24.47	24.96	24.37	22.53	24.98	24.20	22.99	24.82	23.14
		108	54	27.41	28.48	27.70	28.00	28.66	27.76	26.20	28.58	27.34	26.70	28.70	26.70
	16QAM	216	0	24.85	27.66	26.62	26.13	27.26	26.86	25.20	27.58	26.62	25.41	27.43	25.32
		1	0	24.01	25.19	24.14	24.35	25.18	24.27	22.42	24.93	24.07	23.09	25.19	22.86
		1	1	26.29	27.62	26.55	27.00	27.56	26.83	25.07	27.68	26.67	25.59	27.48	25.34
		1	215	26.39	27.40	26.62	26.59	27.21	26.71	24.73	27.69	26.59	25.49	27.50	25.38
		1	216	24.13	25.10	24.12	24.42	25.13	24.30	22.55	24.96	23.73	22.91	25.20	23.02
		108	54	26.52	27.41	26.61	26.52	27.54	26.72	25.16	27.49	26.32	25.31	27.28	25.29
	64QAM	216	0	24.93	26.41	25.46	25.78	26.51	25.86	24.09	26.25	25.43	24.59	26.45	24.36
		1	0	24.14	24.82	24.07	24.06	24.71	24.39	22.48	24.90	24.16	22.87	25.02	23.20
		1	1	24.97	25.97	25.10	25.21	25.95	25.46	23.53	25.82	24.75	24.19	26.13	24.15
		1	215	24.78	25.81	24.76	25.25	26.20	25.47	23.55	26.14	24.94	23.84	25.81	24.17
		1	216	24.08	25.13	24.19	24.32	24.83	24.47	22.68	25.16	23.98	23.12	25.07	22.96
		108	54	24.80	26.00	25.16	25.38	26.04	25.46	23.46	26.13	25.07	24.01	25.86	23.82
	256QAM	216	0	24.84	25.84	24.87	25.14	25.77	25.26	23.64	25.82	25.04	23.93	26.07	23.84
		1	0	22.83	24.16	22.83	23.16	23.92	23.24	21.46	23.80	23.18	21.93	23.77	22.15
		1	1	22.86	23.75	23.19	23.25	23.83	23.07	21.63	24.00	22.83	22.15	24.02	21.88
		1	215	22.85	23.98	22.81	23.38	23.87	23.34	21.52	24.02	22.87	21.86	24.10	22.03
		1	216	22.93	24.20	23.12	23.31	23.86	23.38	21.70	23.98	23.12	21.91	24.09	22.02
		108	54	23.20	23.97	22.72	23.31	23.71	23.42	21.33	24.16	23.10	21.86	24.14	22.04
		216	0	22.79	23.82	23.17	23.49	24.17	23.21	21.70	23.87	23.18	22.10	24.06	21.82

OUTPUT POWER FOR 5G NR n41 (90.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 14			ANT 1			ANT 3			ANT 4		
				508200	518598	528996	508200	518598	528996	508200	518598	528996	508200	518598	528996
90.0	BPSK	1	0	2541.0	2593.0	2645.0	2541.0	2593.0	2645.0	2541.0	2593.0	2645.0	2541.0	2593.0	2645.0
		1	1	24.03	24.93	23.75	24.26	24.80	24.34	22.44	25.19	23.98	23.16	24.95	22.79
		1	1	27.70	28.56	27.61	28.00	28.38	27.66	25.94	28.40	27.65	26.70	28.51	26.65
		1	243	27.56	28.60	27.70	27.83	28.70	28.00	26.11	28.42	27.64	26.61	28.70	26.57
		1	244	24.00	24.81	23.82	24.10	25.16	24.36	22.60	25.07	24.20	23.11	25.16	23.17
		120	60	27.53	28.70	27.38	27.86	28.63	27.74	26.20	28.70	27.70	26.69	28.51	26.70
	QPSK	243	0	24.46	28.00	26.78	27.06	27.90	27.20	24.34	27.98	27.04	26.18	27.99	26.14
		1	0	24.20	24.96	23.96	24.34	25.13	24.24	22.46	25.01	24.06	23.14	24.75	23.09
		1	1	27.54	28.49	27.67	28.00	28.61	27.60	26.17	28.62	27.52	26.38	28.70	26.64
		1	243	27.49	28.45	27.40	27.98	28.53	28.00	25.98	28.70	27.70	26.70	28.23	26.70
		1	244	23.95	25.00	23.86	24.31	25.17	24.25	22.54	25.11	24.06	22.97	25.18	23.08
		120	60	27.70	28.70	27.70	27.91	28.70	27.54	26.20	28.27	27.42	26.40	28.25	26.50
	16QAM	243	0	25.05	27.42	26.49	25.79	27.63	26.83	24.91	27.61	26.34	25.23	27.45	25.46
		1	0	23.71	24.88	24.02	24.42	24.82	24.48	22.20	24.80	23.76	23.17	25.01	23.06
		1	1	26.66	27.46	26.46	26.95	27.67	26.57	25.18	27.51	26.24	25.28	27.69	25.67
		1	243	26.38	27.50	26.68	26.58	27.69	26.86	24.92	27.55	26.27	25.55	27.31	25.35
		1	244	24.14	25.00	23.97	24.24	24.98	24.10	22.55	24.74	23.82	22.88	24.90	22.84
		120	60	26.65	27.47	26.66	26.87	27.57	26.84	25.11	27.57	26.58	25.55	27.59	25.41
	64QAM	243	0	24.79	26.33	25.52	25.88	26.33	25.96	23.88	26.59	25.65	24.47	26.59	24.28
		1	0	24.02	24.99	23.74	24.34	25.13	24.03	22.68	24.70	23.93	23.07	24.86	23.15
		1	1	25.17	25.85	24.88	25.22	25.81	25.31	23.43	26.07	24.77	24.19	25.75	23.80
		1	243	25.05	26.04	24.98	25.47	25.84	25.21	23.52	25.91	25.06	24.09	25.97	24.15
		1	244	23.71	25.01	24.13	24.25	25.13	24.13	22.65	24.94	23.70	23.13	24.72	22.92
		120	60	25.19	25.76	24.99	25.26	26.15	25.09	23.32	25.82	25.11	24.06	26.20	23.82
	256QAM	243	0	25.10	25.99	25.11	25.33	26.19	25.30	23.43	26.19	25.00	24.07	25.98	24.15
		1	0	23.14	23.95	23.00	23.37	24.19	23.17	21.59	24.05	22.91	21.83	24.14	22.07
		1	1	22.86	23.79	22.95	23.16	23.77	23.22	21.28	23.96	22.89	22.10	23.85	21.96
		1	243	23.09	23.98	22.92	23.32	24.16	23.37	21.66	24.06	23.17	21.83	23.76	21.96
		1	244	23.07	24.05	22.80	23.27	23.81	23.43	21.62	24.20	23.11	21.93	23.78	22.20
		120	60	23.10	24.19	23.09	23.24	23.85	23.12	21.63	24.16	23.20	21.91	24.12	21.98
		243	0	23.17	23.83	22.92	23.48	24.15	23.25	21.58	24.09	22.75	22.19	23.97	22.16

OUTPUT POWER FOR 5G NR n41 (100.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 14			ANT 1			ANT 3			ANT 4		
				509202	518598	528000	509202	518598	528000	509202	518598	528000	509202	518598	528000
100.0	BPSK	1	0	2546.0	2593.0	2640.0	2546.0	2593.0	2640.0	2546.0	2593.0	2640.0	2546.0	2593.0	2640.0
		1	1	24.26	25.20	24.23	23.85	25.10	24.80	22.77	24.76	24.11	22.59	25.03	23.15
		1	1	27.68	28.70	27.70	27.50	28.70	28.00	26.20	28.70	27.66	26.22	28.32	26.70
		1	271	27.70	28.55	27.51	28.00	28.70	27.22	25.94	28.58	27.61	26.70	28.70	26.64
		1	272	23.85	25.04	24.31	24.52	24.92	23.94	22.80	25.06	24.30	23.48	24.95	23.46
		135	67	27.51	28.67	27.57	26.10	28.56	27.99	25.64	28.60	27.70	26.57	28.28	26.63
	QPSK	270	0	24.70	28.14	26.95	24.62	27.91	27.31	24.68	28.09	27.06	24.66	28.12	26.35
		1	0	24.22	24.96	24.04	23.89	24.88	24.44	22.64	24.96	23.81	22.69	24.89	22.99
		1	1	27.64	28.70	27.70	27.53	28.70	27.61	26.20	28.56	27.70	26.04	28.32	26.55
		1	271	27.58	28.62	27.45	28.00	28.57	27.20	26.19	28.67	27.26	26.70	28.70	26.20
		1	272	24.17	25.04	24.01	24.27	24.83	23.70	22.42	25.08	24.01	23.15	24.96	23.07
		135	67	27.70	28.64	27.57	25.50	28.38	28.00	25.74	28.70	27.50	25.82	28.28	26.70
	16QAM	270	0	24.70	27.37	26.45	24.70	27.37	26.61	24.65	27.50	26.58	24.66	27.60	25.70
		1	0	23.94	25.05	23.92	23.66	25.19	24.32	22.79	25.07	24.01	22.28	25.06	22.97
		1	1	26.25	27.69	26.70	26.20	27.69	26.99	25.15	27.25	26.65	24.74	27.55	25.65
		1	271	26.27	27.66	26.59	26.85	27.62	26.13	24.85	27.61	26.70	25.68	27.44	25.29
		1	272	24.03	25.02	24.17	24.36	25.12	23.44	22.73	25.14	24.01	23.63	25.05	22.78
		135	67	26.22	27.44	26.38	25.74	27.54	26.68	25.03	27.48	26.61	25.80	27.46	25.60
	64QAM	270	0	24.65	26.54	25.57	24.62	26.64	25.72	24.60	26.46	25.43	24.59	26.54	24.74
		1	0	23.77	25.05	23.98	24.08	24.93	24.28	22.84	24.93	24.18	22.44	24.94	23.43
		1	1	24.92	25.95	24.83	24.74	26.09	25.09	23.57	26.19	24.86	22.83	26.06	24.05
		1	271	25.21	26.14	25.05	25.31	26.05	24.10	23.51	25.79	25.02	24.63	25.93	23.61
		1	272	24.10	24.94	24.10	24.27	25.10	23.59	22.78	25.18	24.01	23.39	24.93	22.86
		135	67	25.04	26.05	25.23	25.17	25.74	25.50	23.50	25.98	25.00	24.27	25.76	24.28
	256QAM	270	0	24.32	25.94	24.91	24.40	25.98	25.35	23.98	26.04	24.91	24.21	25.87	24.41
		1	0	23.19	24.03	23.03	23.08	24.08	23.41	21.44	23.83	22.73	21.72	24.11	22.13
		1	1	22.82	24.06	23.20	22.96	23.73	23.30	21.67	24.04	22.99	21.83	23.94	22.12
		1	271	23.10	23.97	22.74	23.11	23.99	22.63	21.81	23.74	23.18	22.38	24.14	22.25
		1	272	23.02	23.97	22.76	23.41	23.71	22.65	21.78	24.19	22.88	22.44	23.77	22.26
		135	67	22.83	23.87	23.05	23.29	24.02	23.23	21.78	23.80	23.19	22.33	23.73	22.43
		270	0	24.00	24.19	23.12	23.80	24.15	23.29	22.60	24.19	23.06	23.20	23.78	22.18

8.6. 5G NR n41 (FCC MIMO)

Test Engineer ID:	32546	Test Date:	2026-03-19
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OUTPUT POWER FOR 5G NR n41 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)					
				ANT 14+1			ANT 3+1		
				500202	518598	537000	500202	518598	537000
10.0	BPSK	1	0	25.19	26.01	25.01	25.98	26.28	25.44
		1	1	30.21	31.60	30.33	30.16	31.34	30.25
		1	22	29.76	31.51	30.01	30.17	31.20	30.00
		1	23	24.82	25.98	25.08	26.13	26.25	25.49
		12	6	30.70	31.70	30.70	30.48	31.70	30.70
		24	0	29.14	29.98	29.06	29.72	30.30	29.42
	QPSK	1	0	24.72	25.52	24.53	25.54	25.79	24.96
		1	1	29.24	31.20	30.05	29.66	30.73	30.11
		1	22	29.37	31.19	29.81	29.69	30.70	29.82
		1	23	24.31	25.50	24.59	25.64	25.75	25.01
		12	6	30.28	31.68	30.22	30.09	31.65	30.34
		24	0	28.69	29.52	28.71	29.20	29.85	28.96
	16QAM	1	0	24.64	25.41	24.43	25.39	25.70	24.87
		1	1	28.53	30.41	29.00	28.62	29.97	29.06
		1	22	28.60	30.35	28.96	28.65	30.02	28.96
		1	23	24.18	25.42	24.54	25.57	25.72	24.90
		12	6	29.38	30.43	29.28	29.02	30.35	29.47
		24	0	27.67	28.41	27.60	28.11	28.70	28.04
	64QAM	1	0	24.66	25.44	24.40	25.41	25.64	24.90
		1	1	26.92	28.52	27.34	27.13	28.44	27.40
		1	22	27.07	28.44	27.31	27.20	28.40	27.28
		1	23	24.15	25.41	24.49	25.47	25.69	24.86
		12	6	27.51	28.42	27.54	27.55	28.59	27.76
		24	0	27.10	27.92	27.03	27.57	28.18	27.48
	256QAM	1	0	24.62	25.48	24.41	25.10	25.69	24.76
		1	1	24.46	25.51	24.53	25.12	25.76	24.89
		1	22	24.29	25.59	24.52	25.35	25.72	24.89
		1	23	24.21	25.38	24.58	25.25	25.61	24.94
		12	6	24.54	25.44	24.43	25.45	25.63	24.85
		24	0	24.58	25.49	24.45	25.46	25.65	24.94

OUTPUT POWER FOR 5G NR n41 (15.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)					
				ANT 14+1			ANT 3+1		
				500700	518598	536496	500700	518598	536496
15.0	BPSK	1	0	25.09	26.00	25.01	26.09	26.41	25.32
		1	1	30.05	31.36	30.28	30.07	31.32	30.14
		1	36	29.90	31.40	30.12	30.10	31.11	29.96
		1	37	24.67	25.98	25.19	26.23	26.42	25.50
		18	9	30.70	31.70	30.70	30.70	31.70	30.70
		36	0	29.03	30.00	29.16	29.95	30.29	29.35
	QPSK	1	0	24.52	25.53	24.60	25.69	25.80	24.91
		1	1	29.13	31.15	30.01	29.85	30.78	29.86
		1	36	29.39	31.22	29.94	29.92	30.69	29.70
		1	37	24.64	25.45	24.69	25.90	25.81	24.95
		18	9	30.29	31.44	30.32	30.42	31.38	30.35
		36	0	28.63	29.54	28.70	29.38	29.81	28.85
	16QAM	1	0	24.44	25.36	24.52	25.44	25.75	24.82
		1	1	28.38	30.30	29.03	28.50	29.97	28.85
		1	36	29.16	30.19	29.04	28.77	29.95	28.78
		1	37	24.44	25.45	24.66	25.50	25.77	24.95
		18	9	29.19	30.31	29.36	29.07	30.40	29.40
		36	0	27.45	28.43	27.63	28.14	28.82	27.84
	64QAM	1	0	24.43	25.37	24.51	25.45	25.75	24.78
		1	1	26.76	28.45	27.40	27.07	28.46	27.29
		1	36	27.48	28.32	27.42	27.27	28.46	27.17
		1	37	24.52	25.36	24.66	25.48	25.80	24.89
		18	9	27.37	28.36	27.54	27.53	28.60	27.73
		36	0	26.97	27.85	27.00	27.58	28.31	27.32
	256QAM	1	0	24.43	25.43	24.47	25.15	25.82	24.76
		1	1	24.25	25.45	24.54	25.18	25.71	24.78
		1	36	24.22	25.28	24.56	25.50	25.72	24.98
		1	37	24.25	25.46	24.57	25.44	25.84	24.95
		18	9	24.36	25.40	24.43	25.45	25.70	24.78
		36	0	24.33	25.35	24.41	25.44	25.75	24.80

OUTPUT POWER FOR 5G NR n41 (20.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)					
				ANT 14+1			ANT 3+1		
				501204	518598	535998	501204	518598	535998
20.0	BPSK	1	0	25.15	26.33	25.22	25.97	26.31	25.39
		1	1	30.08	31.61	30.19	30.04	31.30	30.04
		1	49	30.37	31.41	29.93	30.40	31.11	29.92
		1	50	24.83	26.24	25.35	26.18	26.28	25.52
		25	12	30.70	31.70	30.70	30.41	31.70	30.70
		50	0	29.32	30.24	29.15	30.01	30.43	29.53
	QPSK	1	0	24.67	25.79	24.76	25.50	25.84	24.94
		1	1	29.19	31.16	29.94	29.65	30.72	29.84
		1	49	30.11	31.08	29.73	30.05	30.71	29.72
		1	50	24.37	25.80	24.91	25.63	25.84	24.99
		25	12	30.41	31.59	30.49	30.26	31.31	30.40
		50	0	28.83	29.82	28.81	29.31	29.91	29.13
	16QAM	1	0	24.48	25.74	24.61	25.47	25.74	24.79
		1	1	28.43	30.38	29.01	28.59	29.95	29.04
		1	49	28.83	30.33	29.08	28.92	30.10	28.91
		1	50	24.34	25.87	24.86	25.56	25.70	24.96
		25	12	29.40	30.63	29.50	29.16	30.36	29.41
		50	0	27.57	28.78	27.73	28.22	28.85	28.00
	64QAM	1	0	24.46	25.74	24.64	25.47	25.72	24.87
		1	1	26.90	28.88	27.29	26.97	28.41	27.33
		1	49	27.36	28.78	27.42	27.61	28.52	27.31
		1	50	24.23	25.77	24.89	25.42	25.67	24.99
		25	12	27.52	28.83	27.87	27.77	28.71	27.85
		50	0	27.02	28.32	27.34	27.67	28.33	27.55
	256QAM	1	0	24.44	25.72	24.67	25.14	25.80	24.89
		1	1	24.35	25.74	24.71	25.25	25.85	24.82
		1	49	24.43	25.77	24.71	25.54	25.69	24.96
		1	50	24.43	25.72	24.80	25.38	25.67	24.92
		25	12	24.40	25.70	24.79	25.48	25.73	24.95
		50	0	24.42	25.71	24.78	25.49	25.72	24.91

OUTPUT POWER FOR 5G NR n41 (25.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)					
				ANT 14+1			ANT 3+1		
				501702	518598	535500	501702	518598	535500
25.0	BPSK	1	0	25.12	26.38	25.41	25.89	26.44	25.50
		1	1	30.30	31.70	30.50	30.10	31.58	30.27
		1	63	30.06	31.38	30.10	30.44	31.33	29.84
		1	64	24.97	26.29	25.50	26.00	26.28	25.54
		32	16	30.70	31.60	30.70	30.32	31.70	30.70
		64	0	29.14	30.02	29.15	29.76	30.25	29.35
	QPSK	1	0	24.67	25.78	24.79	25.41	25.89	24.91
		1	1	29.57	31.23	30.28	29.64	31.10	29.96
		1	63	29.89	31.05	29.82	30.02	30.99	29.62
		1	64	24.52	25.80	25.02	25.64	25.82	24.94
		32	16	30.53	31.49	30.61	30.44	31.29	30.43
		64	0	28.63	29.59	28.66	29.29	29.79	28.98
	16QAM	1	0	24.57	25.72	24.71	25.31	25.91	24.83
		1	1	28.78	30.53	29.30	28.64	30.21	28.95
		1	63	29.03	30.38	29.27	29.04	30.08	28.88
		1	64	24.49	25.68	24.94	25.52	25.77	24.90
		32	16	29.46	30.59	29.51	29.16	30.37	29.49
		64	0	27.51	28.64	27.75	28.20	28.73	27.87
	64QAM	1	0	24.62	25.69	24.72	25.52	25.82	24.83
		1	1	27.08	28.82	27.76	27.30	28.55	27.20
		1	63	27.44	28.66	27.52	27.58	28.41	27.01
		1	64	24.38	25.69	24.91	25.58	25.77	24.87
		32	16	27.47	28.64	27.76	27.71	28.68	27.82
		64	0	26.95	28.10	27.32	27.71	28.26	27.38
	256QAM	1	0	24.48	25.80	24.73	25.27	25.84	24.91
		1	1	24.43	25.70	24.72	25.32	25.73	24.81
		1	63	24.43	25.68	24.86	25.41	25.72	24.81
		1	64	24.36	25.68	24.99	25.39	25.68	24.79
		32	16	24.42	25.55	24.76	25.23	25.66	24.80
		64	0	24.43	25.60	24.77	25.24	25.67	24.79

OUTPUT POWER FOR 5G NR n41 (30.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)					
				ANT 14+1			ANT 3+1		
				502200	518598	524996	502200	518598	524996
				2511.0	2593.0	2675.0	2511.0	2593.0	2675.0
30.0	BPSK	1	0	25.25	26.21	25.25	25.87	26.50	25.52
		1	1	30.46	31.70	30.70	30.21	31.69	30.39
		1	76	30.31	31.42	30.18	30.29	31.39	29.89
		1	77	25.15	26.16	25.52	25.98	26.44	25.65
		36	18	30.70	31.55	30.59	30.22	31.70	30.70
		75	0	29.18	29.94	29.19	29.70	30.31	29.43
		1	0	24.76	25.69	24.84	25.37	25.97	24.99
	QPSK	1	1	29.79	31.45	30.03	29.80	31.15	30.09
		1	76	29.92	31.31	29.89	30.20	31.01	29.63
		1	77	24.51	25.74	24.96	25.46	25.94	25.10
		36	18	30.60	31.44	30.60	30.25	31.40	30.47
		75	0	28.70	29.65	28.77	29.24	29.95	29.03
		1	0	24.58	25.63	24.84	25.25	25.92	24.95
		1	1	29.00	30.58	29.50	28.74	30.42	29.16
	16QAM	1	76	28.97	30.43	29.19	29.22	30.33	28.77
		1	77	24.36	25.65	24.80	25.32	25.77	24.94
		36	18	29.56	30.68	29.57	29.08	30.39	29.56
		75	0	27.60	28.62	27.78	28.15	28.85	27.98
		1	0	24.62	25.62	24.63	25.27	25.90	24.94
		1	1	27.20	28.69	27.74	27.18	28.78	27.42
		1	76	27.62	28.76	27.80	27.45	28.57	27.22
	64QAM	1	77	24.61	25.67	24.95	25.28	25.79	24.95
		36	18	27.56	28.59	27.74	27.56	28.75	27.84
		75	0	27.02	28.16	27.27	27.61	28.29	27.50
		1	0	24.65	25.56	24.63	25.32	25.82	24.92
		1	1	24.39	25.68	24.76	25.24	25.84	24.89
		1	76	24.63	25.52	24.81	25.35	25.71	25.03
		1	77	24.55	25.53	24.89	25.35	25.85	24.93
	256QAM	36	18	24.48	25.53	24.73	25.29	25.69	24.77
		75	0	24.54	25.55	24.73	25.30	25.75	24.92

OUTPUT POWER FOR 5G NR n41 (35.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)					
				ANT 14+1			ANT 3+1		
				502704	518598	534498	502704	518598	534498
				2513.5	2593.0	2672.5	2513.5	2593.0	2672.5
35.0	BPSK	1	0	24.91	26.11	25.14	25.83	26.48	25.71
		1	1	29.92	31.66	30.59	29.79	31.35	30.11
		1	90	30.70	31.44	30.11	30.26	31.10	29.58
		1	91	25.14	26.08	25.20	25.92	26.48	25.84
		45	22	30.50	31.70	30.70	30.29	31.70	30.70
		90	0	28.91	30.12	29.13	29.70	30.34	29.56
		1	0	24.36	25.57	24.58	25.34	26.05	25.18
	QPSK	1	1	29.35	31.25	30.10	29.50	31.03	29.95
		1	90	30.52	31.21	29.79	29.88	30.81	29.65
		1	91	24.64	25.58	24.59	25.40	26.09	25.45
		45	22	30.15	31.50	30.34	30.19	31.26	30.65
		90	0	28.33	29.58	28.62	29.03	29.86	29.24
		1	0	24.20	25.43	24.34	25.29	26.01	25.16
		1	1	28.59	30.39	29.16	28.45	30.23	28.95
	16QAM	1	90	29.55	30.25	28.92	28.96	29.88	28.71
		1	91	24.50	25.44	24.41	25.44	25.96	25.15
		45	22	29.11	30.52	29.33	29.15	30.29	29.50
		90	0	27.18	28.45	27.42	28.07	28.83	28.05
		1	0	24.17	25.47	24.47	25.22	26.01	25.20
		1	1	26.79	28.44	27.49	26.97	28.35	27.28
		1	90	27.47	28.40	27.07	27.47	28.37	27.15
	64QAM	1	91	24.53	25.47	24.48	25.20	25.77	25.22
		45	22	27.13	28.51	27.33	27.63	28.72	27.89
		90	0	26.66	28.04	26.86	27.64	28.41	27.67
		1	0	24.14	25.66	24.26	25.09	26.02	24.88
		1	1	24.30	25.74	24.25	25.11	25.96	24.81
		1	90	24.59	25.77	24.51	25.41	26.00	24.71
		1	91	24.55	25.72	24.55	25.27	25.86	24.75
	256QAM	45	22	24.05	25.61	24.35	25.38	25.86	25.07
		90	0	24.07	25.66	24.40	25.326	25.825	25.1

OUTPUT POWER FOR 5G NR n41 (40.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)					
				ANT 14+1			ANT 3+1		
				503202	518598	534000	503202	518598	534000
40.0	BPSK	1	0	24.62	25.97	25.65	25.77	26.48	25.82
		1	1	29.60	31.34	30.25	29.65	31.05	29.78
		1	104	30.70	31.27	29.27	30.09	30.72	28.91
		1	105	25.31	26.03	25.63	25.86	26.53	26.00
		50	25	30.35	31.70	30.70	30.38	31.70	30.70
		100	0	28.78	30.23	29.49	29.85	30.40	29.80
	QPSK	1	0	24.11	25.50	25.21	25.36	26.02	25.49
		1	1	28.70	30.77	29.43	29.25	30.33	29.16
		1	104	30.39	30.67	28.86	29.91	30.18	28.46
		1	105	24.73	25.46	25.41	25.44	26.04	25.49
		50	25	30.05	31.68	30.11	30.17	31.65	29.95
		100	0	28.42	29.66	28.93	29.11	29.81	28.89
	16QAM	1	0	24.10	25.39	25.00	25.34	25.92	25.39
		1	1	27.91	30.05	29.18	28.28	29.56	28.52
		1	104	29.73	30.02	28.67	28.97	29.39	27.85
		1	105	24.56	25.40	25.11	25.17	25.93	25.33
		50	25	29.10	30.39	29.23	29.16	30.23	29.08
		100	0	27.20	27.98	28.12	28.14	28.76	27.91
	64QAM	1	0	24.11	25.03	25.04	25.23	26.08	25.34
		1	1	26.61	28.03	27.58	26.81	28.30	27.16
		1	104	27.75	27.94	27.41	27.48	28.29	26.73
		1	105	24.53	24.92	25.19	25.30	25.84	25.26
		50	25	27.09	27.98	27.95	27.55	28.64	27.74
		100	0	26.67	27.50	27.70	27.58	28.29	27.45
	256QAM	1	0	23.94	24.90	25.10	24.99	25.75	24.86
		1	1	24.02	25.00	25.05	25.00	25.87	24.80
		1	104	24.71	24.96	25.14	25.34	25.97	24.74
		1	105	24.53	24.97	25.26	25.27	25.81	24.80
		50	25	24.08	24.89	25.13	25.37	25.92	25.39
		100	0	24.10	24.96	25.12	25.33	25.87	25.47

OUTPUT POWER FOR 5G NR n41 (45.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)					
				ANT 14+1			ANT 3+1		
				503700	518598	533496	503700	518598	533496
45.0	BPSK	1	0	25.05	26.25	25.70	26.01	26.75	26.28
		1	1	29.65	31.60	30.70	29.76	30.81	29.62
		1	117	30.70	31.29	29.87	30.31	30.57	28.50
		1	118	25.39	26.28	25.89	26.18	26.63	26.13
		54	27	30.53	31.70	30.68	30.42	31.70	30.70
		108	0	29.12	30.24	29.77	29.89	30.34	29.70
	QPSK	1	0	24.47	25.65	25.34	25.49	26.18	25.69
		1	1	28.72	30.89	30.13	28.95	30.14	29.20
		1	117	30.37	30.74	29.25	30.00	30.01	28.21
		1	118	24.86	25.72	25.26	25.77	26.35	25.68
		54	27	30.70	31.67	30.70	30.26	31.64	30.70
		108	0	28.56	29.70	29.19	29.16	29.80	28.99
	16QAM	1	0	24.39	25.66	25.31	25.55	26.22	25.48
		1	1	27.89	30.10	29.39	28.20	29.34	28.48
		1	117	29.71	30.09	28.59	28.97	29.42	27.48
		1	118	24.85	25.70	25.13	25.55	26.31	25.46
		54	27	29.34	30.54	29.41	29.27	30.25	29.21
		108	0	27.40	28.60	28.15	28.26	28.86	28.07
	64QAM	1	0	24.49	25.64	25.12	25.54	26.27	25.77
		1	1	26.82	28.71	27.88	27.12	28.08	27.19
		1	117	27.77	28.52	27.37	27.70	28.30	26.44
		1	118	24.69	25.42	25.24	25.47	26.30	25.25
		54	27	27.37	28.57	27.86	27.77	28.73	27.80
		108	0	26.84	28.06	27.63	27.72	28.48	27.62
	256QAM	1	0	24.47	25.62	25.16	25.14	26.01	25.12
		1	1	24.31	25.64	25.25	25.10	26.17	25.11
		1	117	24.85	25.60	25.21	25.59	26.15	24.68
		1	118	24.80	25.73	25.17	25.54	26.11	24.76
		54	27	24.30	25.52	24.99	25.53	26.05	25.55
		108	0	24.32	25.52	25.11	25.49	26.01	25.55

OUTPUT POWER FOR 5G NR n41 (50.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)					
				ANT 14+1			ANT 14+1		
				504204	518598	532998	504204	518598	532998
50.0	BPSK	1	0	25.04	26.18	25.58	26.03	26.75	26.05
		1	1	28.99	31.59	30.53	29.82	31.02	30.04
		1	131	30.18	31.32	29.63	30.26	30.76	28.74
		1	132	24.77	26.28	25.62	26.05	26.87	26.08
		64	32	30.70	31.70	30.70	30.43	31.70	30.70
		128	0	28.98	30.23	29.58	29.77	30.38	29.57
	QPSK	1	0	24.60	25.83	25.17	25.40	26.19	25.65
		1	1	28.18	30.95	30.03	29.07	30.09	29.50
		1	131	29.81	30.73	29.08	29.86	30.13	28.29
		1	132	24.23	25.76	25.22	25.48	26.43	25.74
		64	32	30.70	31.70	30.70	30.38	31.46	30.70
		128	0	28.68	29.77	29.12	29.20	29.79	29.16
	16QAM	1	0	24.44	25.63	25.08	25.29	26.32	25.27
		1	1	27.51	30.16	29.28	28.23	30.24	28.43
		1	131	29.10	30.03	28.49	28.93	29.76	27.11
		1	132	24.14	25.71	25.19	25.55	26.32	25.04
		64	32	29.55	30.60	29.25	29.18	30.38	29.19
		128	0	27.60	28.61	28.02	28.17	28.90	27.86
	64QAM	1	0	24.54	25.59	25.10	25.26	26.05	25.33
		1	1	26.17	28.80	27.66	26.90	28.39	27.21
		1	131	27.28	28.55	27.48	27.42	28.45	26.21
		1	132	24.17	25.68	25.15	25.51	26.15	25.21
		64	32	27.56	28.55	27.80	27.65	28.77	27.80
		128	0	27.04	28.00	27.46	27.65	28.46	27.58
	256QAM	1	0	24.43	25.62	25.00	24.99	26.10	24.98
		1	1	23.78	25.65	24.89	25.04	26.10	24.86
		1	131	24.19	25.45	25.00	25.39	26.21	24.68
		1	132	24.29	25.52	25.02	25.45	26.43	24.65
		64	32	24.52	25.49	24.86	25.32	26.01	25.40
		128	0	24.51	25.52	24.90	25.29	26.02	25.56

OUTPUT POWER FOR 5G NR n41 (60.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)					
				ANT 14+1			ANT 3+1		
				505200	518598	531996	505200	518598	531996
60.0	BPSK	1	0	24.98	26.14	25.36	26.24	26.88	25.99
		1	1	29.14	31.70	30.67	30.14	30.85	30.10
		1	160	30.17	31.42	29.50	30.54	30.55	28.45
		1	161	24.67	26.13	25.45	26.41	26.62	25.93
		81	40	30.70	31.54	30.70	30.57	31.70	30.70
		162	0	29.06	30.15	29.39	30.09	30.41	29.65
	QPSK	1	0	24.59	25.57	24.98	25.68	26.38	25.49
		1	1	28.18	31.04	30.07	29.44	30.35	29.51
		1	160	29.84	30.89	28.97	30.16	30.16	28.07
		1	161	24.18	25.53	24.91	25.71	26.17	25.39
		81	40	30.68	31.62	30.58	30.58	31.68	30.70
		162	0	28.77	29.62	29.03	29.57	29.89	28.84
	16QAM	1	0	24.59	25.60	24.91	25.44	25.93	25.63
		1	1	27.34	30.25	29.39	28.34	29.49	28.83
		1	160	29.27	30.08	28.20	28.74	29.51	27.70
		1	161	24.28	25.48	24.70	25.52	26.07	25.31
		81	40	29.57	30.48	29.35	29.21	30.18	29.17
		162	0	27.53	28.52	27.96	28.20	28.74	27.92
	64QAM	1	0	24.35	25.45	25.01	25.59	26.12	25.37
		1	1	25.97	28.62	27.75	26.78	28.14	27.44
		1	160	27.23	28.42	27.10	27.70	28.10	26.64
		1	161	24.04	25.54	24.78	25.77	25.96	25.19
		81	40	27.56	28.37	27.74	27.94	28.60	27.67
		162	0	27.04	27.89	27.43	28.02	28.21	27.44
	256QAM	1	0	24.40	25.54	25.01	25.38	25.68	25.29
		1	1	23.61	25.64	25.20	25.33	25.74	25.11
		1	160	24.22	25.65	24.95	25.86	25.71	24.49
		1	161	23.86	25.57	24.91	25.76	25.75	24.48
		81	40	24.46	25.35	24.84	25.78	25.62	25.28
		162	0	24.48	25.39	24.93	25.80	25.76	25.26

OUTPUT POWER FOR 5G NR n41 (70.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)					
				ANT 14+1			ANT 3+1		
				506202	518598	531000	506202	518598	531000
70.0	BPSK	1	0	25.28	25.72	25.56	25.80	26.68	26.00
		1	1	28.36	30.72	30.39	28.99	30.72	30.29
		1	187	29.48	30.78	29.08	29.71	30.36	28.52
		1	188	25.30	26.49	25.66	25.81	26.59	25.99
		90	45	30.70	31.70	30.70	30.70	31.70	30.70
		180	0	29.13	30.18	29.38	29.77	30.45	29.72
	QPSK	1	0	24.54	25.19	25.01	25.21	26.31	25.53
		1	1	27.37	30.09	29.66	28.02	30.01	29.44
		1	187	28.85	30.11	28.41	29.00	29.95	27.95
		1	188	24.64	25.89	25.05	25.40	26.26	25.63
		90	45	30.56	31.70	30.62	30.65	31.58	30.66
		180	0	28.57	29.78	28.83	28.74	29.94	29.01
	16QAM	1	0	24.41	25.15	24.87	25.09	26.20	25.45
		1	1	26.67	29.22	28.88	27.38	29.49	28.84
		1	187	28.14	29.36	27.87	28.32	29.13	27.32
		1	188	24.98	25.90	24.97	25.34	26.15	25.76
		90	45	29.12	30.27	29.19	29.00	30.05	29.33
		180	0	27.65	28.86	27.86	27.91	28.71	28.20
	64QAM	1	0	24.60	25.00	24.82	25.30	26.19	25.63
		1	1	25.49	27.98	27.77	26.04	28.08	27.54
		1	187	27.10	28.24	26.50	26.90	27.80	26.16
		1	188	24.91	26.09	24.88	25.49	26.02	25.43
		90	45	27.76	28.78	27.83	27.63	28.54	27.76
		180	0	27.27	28.33	27.49	27.35	28.22	27.65
	256QAM	1	0	24.44	25.23	24.86	24.44	25.91	25.45
		1	1	23.79	25.37	24.83	24.36	25.89	25.58
		1	187	24.64	25.95	24.78	24.98	25.88	24.88
		1	188	24.67	25.91	25.02	25.02	25.80	24.65
		90	45	24.88	25.72	24.91	25.03	25.75	25.44
		180	0	24.96	25.85	24.96	24.99	26.17	25.58

OUTPUT POWER FOR 5G NR n41 (80.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)					
				ANT 14+1			ANT 3+1		
				507204	518598	529998	507204	518598	529998
80.0	BPSK	1	0	25.24	25.98	25.49	25.62	26.72	25.72
		1	1	28.16	31.07	30.55	28.52	30.35	29.78
		1	215	29.34	30.85	29.24	29.28	30.10	28.15
		1	216	24.91	26.51	25.53	25.77	26.65	25.67
		108	54	30.70	31.70	30.70	30.70	31.70	30.70
		216	0	28.97	30.27	29.34	29.73	30.37	28.82
	QPSK	1	0	24.37	25.49	24.92	25.16	26.13	24.69
		1	1	27.19	30.22	29.85	27.73	29.57	28.53
		1	215	28.65	30.10	28.75	28.74	29.61	27.07
		1	216	24.48	25.99	24.91	25.28	26.23	24.35
		108	54	30.70	31.60	30.70	30.70	31.70	30.70
		216	0	28.50	29.93	28.99	28.69	29.86	28.30
	16QAM	1	0	24.29	25.42	25.10	25.14	26.36	24.46
		1	1	26.40	29.31	29.18	27.23	28.84	27.88
		1	215	27.87	29.24	27.84	27.90	28.87	26.40
		1	216	24.37	26.01	24.93	25.45	26.33	24.30
		108	54	28.99	30.46	29.31	29.10	30.50	28.75
		216	0	27.32	28.85	28.07	27.88	28.79	27.27
	64QAM	1	0	24.23	25.36	25.08	25.11	26.10	24.62
		1	1	25.34	28.22	27.95	25.79	27.41	26.45
		1	215	26.71	28.34	26.67	26.99	27.55	25.34
		1	216	24.35	26.11	25.01	25.28	26.03	24.09
		108	54	27.49	28.82	27.94	27.79	28.70	26.99
		216	0	26.81	28.42	27.54	27.50	28.39	26.80
	256QAM	1	0	23.99	25.43	24.90	24.38	25.91	24.47
		1	1	23.70	25.53	25.07	24.27	26.04	24.19
		1	215	24.40	26.11	24.67	25.07	25.69	23.42
		1	216	24.25	26.06	24.85	25.41	25.85	23.45
		108	54	24.57	25.81	25.04	25.22	25.90	24.42
		216	0	24.51	25.90	24.97	25.27	26.08	24.41

OUTPUT POWER FOR 5G NR n41 (90.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)					
				ANT 14+1			ANT 3+1		
				508200	518598	528996	508200	518598	528996
90.0	BPSK	1	0	25.18	25.82	25.52	25.79	26.72	25.74
		1	1	28.11	30.88	30.39	28.58	30.76	29.97
		1	243	29.50	30.39	29.16	29.09	30.20	28.12
		1	244	24.95	26.44	25.61	25.43	26.32	25.40
		120	60	30.70	31.70	30.70	30.70	31.70	30.70
		243	0	28.98	30.23	29.38	29.85	30.60	29.82
	QPSK	1	0	24.38	25.36	24.84	25.40	26.13	25.05
		1	1	27.14	30.12	29.47	27.88	29.90	29.14
		1	243	28.86	29.90	28.52	28.36	29.46	27.47
		1	244	24.47	25.86	24.87	24.87	25.86	24.94
		120	60	30.68	31.70	30.70	30.70	31.25	30.56
		243	0	28.50	29.86	28.79	29.06	29.85	28.88
	16QAM	1	0	24.32	25.31	24.78	25.00	26.15	25.12
		1	1	26.49	29.22	28.73	27.02	29.32	28.36
		1	243	28.00	28.91	27.91	27.72	28.83	26.78
		1	244	24.17	25.72	24.88	24.95	25.94	24.60
		120	60	29.05	30.27	29.33	29.24	30.01	29.15
		243	0	27.48	28.66	27.82	27.86	28.76	27.69
	64QAM	1	0	24.32	25.32	24.69	25.18	26.11	24.93
		1	1	25.43	28.08	27.70	25.74	27.62	26.93
		1	243	26.75	27.95	26.76	26.31	27.39	25.61
		1	244	24.41	25.97	24.87	24.89	25.88	24.39
		120	60	27.56	28.68	27.82	27.67	28.42	27.42
		243	0	26.93	28.32	27.29	27.39	28.20	27.09
	256QAM	1	0	23.92	25.49	24.87	24.22	25.65	24.96
		1	1	23.67	25.36	24.67	24.39	25.90	25.04
		1	243	24.47	25.96	24.89	24.61	25.35	23.74
		1	244	24.46	26.02	24.80	24.90	25.48	23.94
		120	60	24.55	25.83	24.73	24.87	25.58	24.73
		243	0	24.57	25.88	24.73	24.84	25.70	24.75

OUTPUT POWER FOR 5G NR n41 (100.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)					
				ANT 14+1			ANT 3+1		
				509202	518598	528000	509202	518598	528000
100.0	BPSK	1	0	25.56	26.02	25.62	26.10	26.69	26.03
		1	1	28.57	30.92	30.06	29.01	30.79	29.83
		1	271	30.00	31.01	29.14	29.37	30.16	28.27
		1	272	25.15	26.80	25.64	25.87	26.41	25.68
		135	67	30.70	31.70	30.70	30.70	31.70	30.70
		270	0	27.70	30.16	29.22	27.70	30.54	30.19
	QPSK	1	0	24.97	25.67	25.04	25.47	26.26	25.34
		1	1	27.77	30.02	29.47	28.26	29.99	29.23
		1	271	29.23	30.24	28.62	28.82	29.67	27.54
		1	272	24.73	26.22	25.10	25.34	25.94	25.21
		135	67	30.60	31.70	30.65	30.66	31.22	30.62
		270	0	27.68	29.67	28.71	27.62	29.91	29.04
	16QAM	1	0	24.89	25.52	24.93	25.38	26.25	25.01
		1	1	26.89	29.39	28.93	27.60	29.18	28.53
		1	271	28.50	29.51	27.73	28.09	28.90	27.26
		1	272	24.50	26.25	25.22	25.38	25.90	24.84
		135	67	29.50	30.53	29.57	29.47	30.09	29.43
		270	0	27.62	28.87	27.74	27.57	28.77	27.87
	64QAM	1	0	24.81	25.44	24.67	25.41	26.15	25.32
		1	1	25.75	27.97	27.66	26.24	27.91	27.31
		1	271	27.24	28.30	26.41	26.95	27.24	26.34
		1	272	24.71	26.18	25.12	25.52	25.92	24.76
		135	67	27.95	28.79	27.92	27.91	28.33	27.68
		270	0	27.32	28.32	27.32	27.60	28.11	27.43
	256QAM	1	0	24.49	25.65	25.00	24.47	25.79	25.19
		1	1	24.20	25.71	25.03	24.44	25.43	25.06
		1	271	24.83	26.08	24.90	25.30	25.48	24.22
		1	272	24.82	26.10	24.94	25.10	25.58	24.11
		135	67	24.97	25.87	24.91	25.13	25.67	25.13
		270	0	24.94	25.94	24.93	25.04	25.49	25.09

8.7. ULCA LTE BAND 41 (FCC)

Test Engineer ID:	28774	Test Date:	2026-06-02
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OUTPUT POWER FOR ULCA LTE BAND 41 (5.0MHz + 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 14				ANT 1				ANT 3				ANT 4			
							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	22.61	22.70	22.58	22.05	22.91	22.84	22.93	23.00	21.18	21.04	21.20	21.05	21.70	21.64	21.65	21.60
			25	0	100	0	22.70	22.69	22.64	22.65	22.91	22.90	23.00	22.90	21.20	21.12	21.19	21.17	21.61	21.70	21.67	21.51
	2583.8	2595.5	1	24	1	0	28.70	27.12	26.66	23.52	28.70	27.20	26.54	23.70	28.70	27.16	26.70	23.63	28.70	27.20	26.70	23.64
			25	0	100	0	26.70	25.70	25.67	23.56	26.70	25.57	25.62	23.59	26.70	25.62	25.57	22.63	26.70	25.50	25.58	23.70
	2668.3	2680.0	1	24	1	0	27.70	26.00	25.68	22.69	28.00	26.50	25.90	23.00	27.70	26.19	25.66	22.61	26.70	25.20	24.57	21.57
			25	0	100	0	25.70	24.61	24.65	22.42	26.00	24.88	24.87	22.81	25.70	24.62	24.62	22.68	24.70	23.70	23.66	21.60

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 14				ANT 1				ANT 3				ANT 4			
							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	26.70	26.07	26.00	22.54	27.00	26.50	26.07	23.00	25.20	24.67	24.66	21.17	25.70	25.05	25.02	21.58
			100	0	25	0	22.69	22.69	22.70	22.64	23.00	22.83	22.92	22.87	21.20	21.04	21.10	21.01	21.61	21.62	21.68	21.70
	2590.5	2602.2	1	99	1	0	28.70	27.18	26.55	23.53	28.70	27.05	26.51	23.63	28.70	27.11	26.68	23.19	28.70	27.20	26.68	23.70
			100	0	25	0	26.70	25.59	25.52	23.57	26.70	25.66	25.67	23.65	26.70	25.63	25.65	23.31	26.70	25.66	25.55	23.59
	2675.0	2686.7	1	99	1	0	27.70	26.17	25.55	22.68	28.00	26.50	25.17	22.91	27.70	26.08	25.46	22.62	26.70	25.14	24.67	21.70
			100	0	25	0	25.70	24.69	24.55	22.65	26.00	24.96	24.81	23.00	25.70	24.70	24.61	22.50	24.70	23.67	23.51	21.34

OUTPUT POWER FOR ULCA LTE BAND 41 (10.0MHz + 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 14				ANT 1				ANT 3				ANT 4			
							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	22.28	21.85	22.70	21.35	23.00	22.52	22.38	21.65	20.57	20.49	21.20	20.81	20.47	20.59	21.70	19.42
			50	0	100	0	22.50	22.70	22.41	21.74	22.88	22.11	23.00	21.82	21.20	21.19	21.16	20.55	21.70	20.59	20.70	19.40
	2583.6	2598.0	1	49	1	0	28.70	26.95	26.63	23.68	28.70	26.73	26.44	23.61	28.70	27.20	26.70	23.70	28.70	27.20	26.56	23.44
			50	0	100	0	26.70	25.06	25.38	22.65	26.46	25.39	25.60	23.28	26.70	25.25	25.17	23.10	26.70	23.82	25.70	22.44
	2665.6	2680.0	1	49	1	0	27.70	25.76	25.53	21.66	27.98	25.99	25.82	22.91	27.70	25.85	25.31	22.30	26.70	25.20	24.29	21.64
			50	0	100	0	25.70	23.88	23.78	20.94	26.00	24.83	24.97	22.02	25.70	24.02	24.53	21.66	24.70	23.09	23.47	21.42

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

Bandwidth	PCC Frequency (MHz)	SCC1 Frequency (MHz)	PCC RB	PCC RB	SCC1 RB	SCC1 RB	Conducted Average (dBm)															
			ANT 14				ANT 1				ANT 3				ANT 4							
			Size	Offset	Size	Offset	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	26.00	24.79	22.52	27.00	26.43	26.47	22.97	25.20	24.66	24.64	20.68	25.70	25.15	25.17	21.50
			100	0	50	0	22.59	22.58	22.70	22.31	22.98	23.00	22.97	22.99	21.14	21.20	21.07	21.13	21.61	21.70	21.69	21.60
	2588.1	2602.5	1	99	1	0	28.70	27.20	26.62	23.58	28.70	27.20	26.52	23.65	28.70	27.15	26.53	23.60	28.70	27.20	26.70	23.51
			100	0	50	0	26.70	25.60	25.65	23.52	26.70	25.70	25.59	23.63	26.70	25.63	25.54	23.70	26.70	25.63	25.67	23.70
	2670.1	2684.5	1	99	1	0	27.70	26.18	25.62	22.63	28.00	26.39	26.00	22.95	27.70	26.17	25.65	22.09	26.70	25.15	24.13	21.64
			100	0	50	0	25.70	24.70	24.69	22.52	26.00	24.86	24.98	22.94	25.70	24.50	24.66	22.63	24.70	23.61	23.60	21.70

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

Bandwidth	PCC Frequency	SCC1 Frequency	PCC RB	PCC RB	SCC1 RB	SCC1 RB	Conducted Average (dBm)															
	Frequency (MHz)	Frequency (MHz)	ANT 14		ANT 1		ANT 3				ANT 4											
			Size	Offset	Size	Offset	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM				
15MHz / 15MHz	2503.5	2518.5	1	74	1	0	27.70	26.19	25.65	22.54	28.00	26.40	25.83	22.91	26.20	24.69	24.05	21.16	26.70	25.18	24.60	21.58
			75	0	75	0	22.68	22.70	22.52	22.54	23.00	22.89	22.80	22.89	21.13	21.20	21.08	21.02	21.58	21.64	21.61	21.70
	2585.5	2600.5	1	74	1	0	28.70	27.00	26.69	23.54	28.70	27.18	26.58	23.67	28.70	27.00	26.50	23.01	28.70	27.20	26.70	23.57
			75	0	75	0	26.70	25.62	25.70	23.60	26.70	25.59	25.70	23.58	26.70	25.57	25.52	23.50	26.70	25.68	25.52	23.62
	2667.5	2682.5	1	74	1	0	27.70	26.19	25.70	22.42	28.00	26.30	25.86	22.96	27.70	26.16	25.58	22.67	26.70	25.01	24.64	21.68
			75	0	75	0	25.70	24.68	24.63	22.67	26.00	25.00	24.98	22.96	25.70	24.51	24.67	22.68	24.70	23.65	23.64	21.56

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 14				ANT 1				ANT 3				ANT 4			
							QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
15MHz / 20MHz	2503.8	2520.9	1	74	1	0	27.70	26.07	23.91	21.16	26.57	26.46	25.95	22.89	26.20	24.49	24.06	21.09	26.49	24.94	24.46	20.52
			75	0	100	0	22.70	22.62	22.33	21.37	23.00	22.45	22.48	21.83	21.20	21.14	20.93	19.37	19.81	21.70	21.62	20.36
	2583.3	2600.4	1	74	1	0	28.70	27.20	26.12	22.47	28.70	27.15	26.63	23.22	28.70	27.18	25.57	23.20	28.70	27.20	26.70	23.70
			75	0	100	0	26.70	25.61	25.48	23.45	26.70	25.48	25.64	22.64	26.70	25.15	25.04	22.42	26.70	25.69	25.58	23.38
	2662.9	2680.0	1	74	1	0	27.70	25.90	25.35	21.62	28.00	26.41	25.84	22.88	28.70	27.92	25.28	22.38	26.70	25.04	24.62	21.65
			75	0	100	0	25.70	24.13	24.13	21.41	26.00	24.74	24.17	20.86	25.70	23.72	24.60	21.02	24.70	21.30	22.99	20.68

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 14				ANT 1				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	27.70	25.95	25.47	22.34	27.70	26.46	25.71	22.98	26.20	24.28	23.43	21.10	26.70	24.23	23.25	21.70
			100	0	75	0	22.70	22.07	21.97	21.14	23.00	22.26	22.72	21.84	20.80	21.20	20.96	19.84	21.56	20.81	21.70	21.70
			1	99	1	0	28.70	27.20	26.70	23.48	28.70	27.20	26.56	23.65	28.70	27.10	26.50	22.67	28.70	27.20	26.64	23.60
	2585.6	2602.7	100	0	75	0	26.70	24.59	25.40	22.52	26.70	25.10	24.79	22.45	26.70	25.68	25.39	22.47	26.70	25.58	25.43	23.53
			1	99	1	0	27.70	26.18	25.60	22.15	26.90	26.35	25.86	22.88	27.70	25.97	25.57	22.38	26.70	24.93	23.85	21.07
			100	0	75	0	25.70	24.69	24.31	22.08	26.00	24.80	24.80	22.88	25.70	24.11	23.64	20.96	24.70	23.29	22.39	21.70

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 14				ANT 1				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	27.70	25.91	25.69	22.50	28.00	26.48	25.89	22.72	26.20	24.49	23.97	21.04	26.70	25.02	24.41	21.60
			1	0	1	99	14.19	13.97	14.09	14.70	14.32	15.00	14.46	14.91	13.20	12.53	12.76	12.40	13.40	13.69	13.70	13.53
			100	0	100	0	22.70	22.48	22.50	21.99	22.27	23.00	22.98	22.78	21.20	20.97	21.15	20.37	21.70	21.53	21.63	21.70
	2583.1	2602.9	1	99	1	0	28.70	27.20	26.70	23.68	28.70	27.15	26.51	23.36	28.70	27.18	26.28	23.11	28.70	27.20	26.62	23.42
			1	0	1	99	19.77	18.72	20.18	20.20	19.79	19.63	19.96	20.20	19.57	19.08	19.42	20.20	18.96	20.20	19.08	20.20
			100	0	100	0	26.70	25.48	25.50	23.65	26.13	24.40	25.70	21.94	26.70	25.65	25.56	22.73	26.70	25.69	25.70	23.66
	2660.2	2680.0	1	99	1	0	27.70	25.91	25.47	22.36	28.00	26.25	25.77	22.36	27.70	26.04	25.68	21.54	25.78	25.02	24.40	21.67
			1	0	1	99	18.95	18.68	18.97	19.20	19.50	19.00	19.28	19.36	19.13	19.20	18.96	18.84	17.81	18.20	17.25	18.20
			100	0	100	0	25.70	24.70	24.40	21.93	26.00	24.29	24.89	21.41	25.70	24.67	24.62	21.79	23.94	23.68	23.67	21.67

8.8. LTE BAND 41 (IC)

Test Engineer ID:	19210	Test Date:	2026-03-04
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OUTPUT POWER FOR LTE BAND 41 (5.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 14			ANT 1			ANT 3			ANT 4		
				39715	40640	41565	39715	40640	41565	39715	40640	41565	39715	40640	41565
5.0	QPSK	1	0	27.01	27.14	26.41	27.70	28.70	27.18	26.16	28.14	27.70	25.63	27.97	25.61
		1	12	26.68	28.70	27.70	28.00	27.80	28.00	25.10	28.70	27.63	26.70	28.70	26.70
		1	24	26.70	27.56	26.75	25.94	27.45	27.47	26.20	27.87	27.37	26.65	27.73	25.63
		12	0	26.58	27.67	26.56	26.77	27.48	27.00	25.16	27.61	26.48	25.50	27.35	24.19
		12	6	26.48	27.48	25.66	26.75	27.60	26.86	25.12	27.50	26.20	25.41	27.62	25.00
		12	11	26.56	26.30	26.47	26.78	27.46	26.86	25.15	27.51	26.38	25.36	27.17	25.56
		25	0	26.60	27.12	26.48	26.90	27.46	26.81	25.01	27.41	26.58	25.12	27.67	23.09
	16QAM	1	0	26.60	27.48	26.40	26.82	27.48	26.98	23.86	27.60	26.45	24.24	27.67	25.48
		1	12	26.54	27.70	26.38	26.99	27.53	26.76	25.12	27.46	26.70	25.68	27.45	25.00
		1	24	26.61	27.54	26.57	26.72	27.66	26.96	24.28	27.63	26.65	25.52	27.42	24.87
		12	0	25.65	26.43	25.61	25.09	26.46	25.83	24.07	26.40	25.58	24.42	26.60	23.64
		12	6	25.47	26.48	24.74	25.73	26.54	25.96	24.11	26.53	25.43	24.44	26.51	24.59
		12	11	25.50	26.43	24.29	25.95	26.51	25.94	23.98	26.66	25.56	24.60	26.42	23.51
		25	0	25.54	26.54	25.50	25.46	26.43	25.91	24.14	26.45	25.68	24.70	26.40	24.15
	64QAM	1	0	25.57	26.60	25.70	25.83	26.42	25.91	24.10	26.60	25.43	24.61	26.41	24.19
		1	12	25.55	26.51	25.66	25.37	26.45	25.86	23.68	26.50	25.51	24.61	26.38	24.44
		1	24	25.59	26.55	25.48	25.89	26.68	25.76	24.20	26.59	25.59	24.08	26.39	24.63
		12	0	24.62	24.80	24.38	24.95	25.64	24.89	21.82	25.55	24.59	23.06	25.44	23.04
		12	6	24.43	25.60	24.55	24.64	25.63	24.98	23.06	25.45	24.65	23.63	25.65	23.65
		12	11	24.53	25.56	24.62	24.88	25.47	24.97	23.10	25.42	24.68	23.45	25.53	22.83
		25	0	24.04	25.65	24.42	24.75	25.44	24.86	22.79	25.51	24.66	23.28	25.33	23.04
	256QAM	1	0	22.52	23.50	22.51	22.86	23.41	22.70	21.18	23.45	22.63	21.24	23.67	20.92
		1	12	22.50	23.65	22.44	22.78	23.65	22.88	21.02	23.67	22.40	21.55	23.55	20.30
		1	24	22.65	23.14	22.50	22.71	23.54	22.93	20.34	23.56	22.51	21.40	22.64	21.28
		12	0	22.41	23.64	22.55	22.93	23.70	22.69	21.09	23.51	22.44	21.09	23.42	20.65
		12	6	22.51	23.47	22.62	22.36	23.65	22.88	21.01	23.51	22.42	20.57	23.62	20.43
		12	11	22.43	23.44	22.51	22.87	23.55	22.83	20.84	23.48	22.52	21.32	23.63	21.59
		25	0	22.66	23.63	22.13	22.85	23.40	22.77	19.43	23.43	22.56	21.25	23.65	21.60

OUTPUT POWER FOR LTE BAND 41 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 14			ANT 1			ANT 3			ANT 4		
				39740	40640	41540	39740	40640	41540	39740	40640	41540	39740	40640	41540
10.0	QPSK	1	0	27.23	27.58	26.90	28.00	26.55	27.52	26.15	28.04	27.27	26.70	28.37	25.91
		1	24	27.70	26.85	27.70	27.30	27.94	26.70	26.20	28.70	27.70	26.24	27.70	26.11
		1	49	27.01	28.70	26.18	27.45	28.70	28.00	26.12	28.18	26.48	25.97	28.70	26.70
		25	0	26.62	27.49	26.45	26.91	27.64	26.70	24.70	27.41	26.51	25.53	26.33	24.98
		25	12	26.59	27.61	26.03	26.64	27.40	26.92	24.64	27.55	26.61	25.18	27.68	24.73
		25	24	26.58	27.70	26.49	26.88	26.69	27.00	24.40	27.53	26.48	24.67	27.69	25.39
		50	0	26.23	27.52	26.68	26.74	27.58	26.16	25.18	27.62	26.69	24.99	27.58	25.34
	16QAM	1	0	26.56	27.62	26.47	26.87	27.46	26.61	25.12	27.62	26.50	24.56	27.65	25.41
		1	24	26.61	27.26	26.53	26.91	27.58	26.83	24.95	27.42	26.53	25.50	27.49	24.32
		1	49	26.50	27.43	26.62	26.80	27.44	26.92	24.68	27.40	26.49	25.40	27.70	25.20
		25	0	25.33	26.43	25.51	25.95	26.65	24.82	22.94	26.57	25.46	24.69	26.70	23.36
		25	12	23.77	26.58	25.61	25.93	26.51	25.96	22.32	26.52	25.59	24.36	26.42	24.48
		25	24	25.48	26.64	25.46	25.14	26.64	25.80	21.90	26.67	25.50	23.92	26.63	24.67
		50	0	25.03	26.70	25.69	25.79	26.65	25.75	23.94	26.66	25.68	24.36	26.41	24.31
	64QAM	1	0	25.48	26.64	25.48	25.80	26.54	25.64	23.93	26.62	25.61	24.51	26.42	24.40
		1	24	25.67	26.57	25.46	25.97	26.53	25.86	24.03	26.55	25.69	24.18	26.60	24.49
		1	49	25.45	26.51	25.56	25.95	26.67	25.74	22.96	26.45	25.50	24.10	26.68	24.53
		25	0	24.67	25.69	24.57	24.14	25.57	24.94	22.28	25.46	24.37	23.53	25.56	23.06
		25	12	24.32	25.67	24.59	24.88	25.59	24.92	21.62	25.44	24.55	23.17	25.54	22.81
		25	24	24.62	25.50	24.68	24.92	25.63	24.89	21.67	25.58	24.65	23.60	25.48	23.37
		50	0	24.41	25.41	24.22	24.94	25.42	24.94	22.98	25.49	24.41	23.25	25.43	23.50
	256QAM	1	0	22.70	23.66	22.69	22.97	23.48	22.39	20.85	23.63	22.47	21.50	23.56	20.87
		1	24	22.51	23.41	22.60	22.65	23.48	22.94	20.13	23.60	22.70	20.61	23.59	21.25
		1	49	22.60	23.42	22.62	22.77	23.64	22.92	20.48	23.54	22.68	21.60	23.68	21.67
		25	0	22.66	23.65	22.48	22.72	23.44	22.74	21.10	23.55	22.68	21.40	23.45	21.68
		25	12	22.48	23.54	22.67	22.62	23.30	22.99	20.45	23.46	22.66	21.17	23.53	21.51
		25	24	22.30	23.62	22.40	22.88	23.67	22.97	19.10	23.60	22.56	21.38	23.57	20.64
		50	0	22.44	23.60	22.42	22.85	23.53	23.00	20.49	23.45	22.45	20.50	23.61	21.54

OUTPUT POWER FOR LTE BAND 41 (15.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 14			ANT 1			ANT 3			ANT 4		
				39765	40640	41515	39765	40640	41515	39765	40640	41515	39765	40640	41515
15.0	QPSK	1	0	27.70	28.70	27.33	27.66	28.10	26.99	26.10	28.29	27.05	26.23	28.70	26.07
		1	37	26.51	28.14	27.05	27.91	28.09	28.00	25.55	27.79	26.85	26.70	28.01	26.70
		1	74	27.46	27.92	27.70	28.00	28.70	27.94	26.20	28.70	27.70	26.59	28.55	26.13
		36	0	26.58	27.48	26.68	26.98	27.60	26.89	25.16	27.55	26.65	25.52	27.51	24.87
		36	16	26.61	27.43	26.61	26.92	27.51	26.93	24.92	27.53	26.58	25.20	27.68	24.35
		36	35	26.43	27.65	26.65	26.73	27.44	26.72	24.69	27.51	26.24	25.21	27.50	24.42
		75	0	26.53	27.42	25.28	26.83	27.70	26.90	24.85	27.64	26.47	25.13	27.48	25.50
	16QAM	1	0	26.64	27.35	26.23	26.34	27.55	26.54	24.97	27.53	26.42	25.48	27.65	25.23
		1	37	26.41	27.62	26.14	26.99	27.66	26.98	25.10	27.42	26.23	25.64	27.60	25.09
		1	74	26.48	27.47	26.65	26.46	27.62	26.89	24.95	27.66	26.43	25.59	27.19	24.84
		36	0	25.64	26.61	25.52	25.80	26.45	25.41	24.15	26.52	25.42	24.47	26.50	23.98
		36	16	25.47	26.68	24.63	25.92	26.48	25.75	23.96	26.64	25.63	24.53	26.37	24.52
		36	35	25.64	26.46	25.59	25.72	26.61	25.80	23.05	26.51	25.48	24.44	26.65	24.12
		75	0	25.52	26.52	25.51	25.96	26.59	25.80	24.00	26.67	25.70	24.62	26.41	24.55
	64QAM	1	0	25.44	26.66	25.57	25.76	26.70	25.78	24.00	26.62	25.49	24.41	25.78	24.49
		1	37	25.52	26.68	25.49	25.84	26.45	25.29	23.91	26.56	25.64	24.52	26.61	24.66
		1	74	25.60	26.52	25.45	25.83	26.64	25.78	23.25	26.68	24.91	24.43	26.55	24.35
		36	0	24.69	25.44	24.42	25.00	25.57	23.98	22.84	25.52	24.53	22.43	25.50	22.27
		36	16	24.55	25.64	24.51	24.84	25.60	24.80	22.97	25.63	24.57	23.33	25.65	23.42
		36	35	24.47	25.43	24.66	24.75	25.51	24.96	22.78	25.57	24.46	22.95	25.46	21.72
		75	0	24.49	25.57	24.58	24.82	25.59	24.70	23.05	25.50	24.62	22.51	25.62	23.18
	256QAM	1	0	22.68	23.56	22.68	22.49	23.54	22.97	20.13	23.49	22.70	21.34	23.56	21.39
		1	37	22.42	23.53	22.55	22.71	23.58	22.74	20.95	23.67	22.44	21.60	23.55	21.53
		1	74	22.68	23.57	22.53	22.79	23.55	22.79	20.92	23.40	22.44	21.18	23.05	21.66
		36	0	22.49	23.64	22.64	22.73	23.49	22.86	21.05	23.58	22.59	21.36	23.40	21.04
		36	16	21.70	23.49	22.65	22.86	23.56	22.98	20.08	23.40	22.13	21.70	23.53	21.48
		36	35	22.42	23.59	22.51	22.49	23.68	22.82	21.20	23.49	21.97	21.47	23.70	21.47
		75	0	22.50	23.69	22.39	22.80	23.60	22.96	21.08	23.41	22.42	20.47	23.44	20.97

OUTPUT POWER FOR LTE BAND 41 (20.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 14			ANT 1			ANT 3			ANT 4		
				39790	40640	41490	39790	40640	41490	39790	40640	41490	39790	40640	41490
20.0	QPSK	1	0	27.34	27.19	27.70	26.34	28.31	27.33	24.07	28.12	27.04	26.68	27.69	25.52
		1	49	26.77	27.30	26.68	28.00	28.70	28.00	26.20	28.36	27.56	26.70	27.84	26.70
		1	99	27.70	28.70	26.41	27.02	28.11	27.11	25.15	28.70	27.70	25.93	28.70	26.00
		50	0	26.60	27.43	26.63	26.44	27.61	26.77	24.97	27.44	26.55	25.07	27.14	24.67
		50	24	25.95	27.51	25.78	26.93	27.59	26.79	25.08	27.51	26.21	25.31	27.54	25.49
		50	49	26.65	27.53	26.43	26.98	27.50	26.75	24.28	27.59	26.49	24.88	27.43	25.63
		100	0	26.40	27.58	26.63	26.73	27.51	26.75	24.59	27.40	26.45	24.81	27.57	24.96
	16QAM	1	0	26.64	27.65	26.47	26.98	27.68	26.79	25.08	27.57	26.48	25.60	27.70	25.35
		1	49	26.45	27.61	26.60	26.80	27.51	26.79	25.11	27.69	26.56	25.43	27.54	25.28
		1	99	25.95	27.48	26.48	25.81	27.68	26.70	24.93	27.42	26.41	25.45	27.63	24.69
		50	0	25.41	26.62	25.10	25.83	26.62	25.41	23.60	26.60	25.50	24.01	26.43	23.61
		50	24	25.47	26.59	25.33	25.03	26.69	25.92	24.07	26.57	25.54	24.42	26.65	24.29
		50	49	24.46	26.50	25.63	25.78	26.61	25.91	23.92	26.46	25.55	24.24	26.44	24.00
		100	0	25.40	26.40	25.10	25.80	26.68	25.88	23.20	26.68	25.40	23.85	26.61	24.63
	64QAM	1	0	25.54	26.68	25.59	25.78	26.46	25.84	24.20	26.52	25.47	23.76	26.66	23.70
		1	49	25.24	26.70	25.63	25.73	26.53	25.82	24.06	26.57	25.41	23.75	26.56	23.19
		1	99	25.70	26.41	25.45	25.96	26.47	25.95	23.90	26.56	25.53	24.59	26.41	24.48
		50	0	24.49	25.48	24.35	24.72	25.50	24.89	23.04	25.68	24.60	22.68	25.60	22.95
		50	24	24.53	25.68	24.68	24.87	25.61	24.75	23.16	25.52	24.28	23.63	25.45	23.09
		50	49	24.42	25.61	24.11	24.84	25.41	24.28	23.16	25.53	24.57	23.08	25.55	22.88
		100	0	24.25	25.58	24.57	24.71	25.43	24.92	22.77	25.48	24.47	22.77	25.63	22.76
	256QAM	1	0	22.29	23.44	22.41	22.92	23.57	22.78	21.05	23.41	22.59	21.49	23.56	21.43
		1	49	21.96	23.63	22.60	22.65	23.43	22.62	21.16	23.67	22.66	20.98	23.53	20.77
		1	99	21.58	23.46	22.52	22.16	23.42	22.88	21.04	23.42	22.54	19.78	23.58	21.25
		50	0	21.27	23.38	22.04	22.76	23.42	22.74	21.20	23.43	22.64	20.54	23.46	19.61
		50	24	22.18	23.44	22.57	22.87	23.56	22.75	21.11	23.63	22.40	20.25	23.43	20.43
		50	49	22.41	23.67	22.59	22.94	23.47	22.94	21.03	23.64	22.53	21.21	23.43	21.68
		100	0	22.03	23.51	22.01	22.82	23.58	22.76	21.05	23.66	22.58	20.74	23.52	21.46

8.9. 5G NR n41 (IC)

Test Engineer ID:	19120	Test Date:	2026-03-03
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OUTPUT POWER FOR 5G NR n41 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 14			ANT 1			ANT 3			ANT 4		
				501000	519000	537000	501000	519000	537000	501000	519000	537000	501000	519000	537000
10.0	BPSK	1	0	24.18	25.14	23.98	24.10	24.87	24.06	22.23	24.93	24.05	23.09	25.01	23.02
		1	1	27.48	28.41	27.70	28.00	28.42	27.87	25.76	28.45	27.30	26.29	28.70	26.54
		1	22	27.70	28.70	27.47	27.73	28.70	28.00	25.75	28.70	27.70	26.70	28.27	26.70
		1	23	24.10	25.07	23.93	24.34	25.19	24.33	22.29	25.08	23.78	22.83	25.15	22.95
		12	6	27.69	28.35	27.28	27.63	28.32	27.89	26.20	28.66	27.44	26.52	28.49	26.68
		24	0	25.41	27.90	27.11	26.37	28.04	27.15	24.74	27.91	26.89	26.17	28.05	25.96
	QPSK	1	0	24.13	24.76	24.18	24.44	25.20	24.19	22.57	25.16	23.90	23.18	25.16	22.81
		1	1	27.01	28.58	27.59	27.73	28.70	28.00	25.89	28.63	27.26	26.54	28.70	26.36
		1	22	27.44	28.67	27.40	28.00	28.47	27.66	25.87	28.70	27.05	26.55	28.65	26.49
		1	23	24.00	25.19	24.10	24.17	24.85	24.17	22.38	25.15	24.12	22.74	25.02	23.18
		12	6	27.70	28.70	27.70	27.56	28.47	27.91	26.20	28.70	27.70	26.70	28.64	26.70
		24	0	25.02	27.43	26.46	25.93	27.64	26.60	24.90	27.30	26.30	25.51	27.30	25.60
	16QAM	1	0	23.74	25.16	23.92	24.16	25.02	24.30	22.41	25.05	23.80	23.05	24.98	23.16
		1	1	26.22	27.50	26.59	26.96	27.61	26.72	25.07	27.66	26.50	25.49	27.46	25.34
		1	22	26.62	27.47	26.40	26.80	27.38	26.72	24.82	27.56	26.29	25.44	27.33	25.47
		1	23	23.77	24.80	24.12	24.29	24.93	24.23	22.55	24.87	24.09	22.77	24.89	22.82
		12	6	26.47	27.51	26.53	26.98	27.60	26.64	25.06	27.64	26.36	25.50	27.49	25.34
		24	0	25.18	26.50	25.44	25.91	26.70	25.80	23.84	26.23	25.55	24.51	26.45	24.48
	64QAM	1	0	24.20	24.93	24.07	24.14	25.07	24.26	22.59	25.18	23.86	23.02	24.96	22.84
		1	1	24.78	25.73	24.72	25.19	26.10	25.28	23.64	25.83	25.08	24.20	25.88	23.73
		1	22	24.91	26.02	24.99	25.50	25.84	25.28	23.27	26.01	25.04	24.14	25.97	23.97
		1	23	24.09	25.15	23.94	24.23	24.81	24.10	22.43	25.11	23.74	23.08	24.74	23.12
		12	6	24.84	26.18	25.12	25.48	25.89	25.39	23.64	26.17	24.79	23.99	26.19	24.04
		24	0	24.94	25.95	24.94	25.46	25.86	25.09	23.63	26.12	25.01	23.76	25.92	23.80
	256QAM	1	0	23.14	24.10	22.89	23.23	24.08	23.23	21.70	24.11	23.01	22.13	23.78	21.83
		1	1	22.96	24.10	23.04	23.16	24.16	23.05	21.65	24.04	22.77	22.15	23.95	21.83
		1	22	22.98	24.15	23.20	23.17	24.20	23.26	21.41	23.95	23.15	21.77	24.18	22.10
		1	23	22.93	23.98	23.07	23.38	24.16	23.49	21.30	24.02	23.10	22.10	23.93	22.04
		12	6	23.10	23.92	23.12	23.48	23.85	23.34	21.62	23.91	22.98	22.13	24.12	21.82
		24	0	22.90	23.88	23.15	23.18	23.99	23.41	21.60	23.97	23.03	22.14	24.15	22.09

OUTPUT POWER FOR 5G NR n41 (15.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 14			ANT 1			ANT 3			ANT 4		
				501504	519000	536496	501504	519000	536496	501504	519000	536496	501504	519000	536496
15.0	BPSK	1	0	23.76	24.90	23.83	24.20	24.92	24.40	22.45	24.93	24.08	22.99	24.74	23.04
		1	1	27.28	28.70	27.29	27.55	28.60	27.62	26.01	28.70	27.70	26.70	28.37	26.50
		1	36	27.48	28.52	27.70	28.00	28.33	28.00	26.04	28.37	27.65	26.54	28.70	26.54
		1	37	23.97	24.79	24.02	24.25	24.90	24.26	22.65	25.16	24.03	22.89	25.17	22.70
		18	9	27.70	28.44	27.53	27.81	28.70	27.70	26.20	28.44	27.62	26.53	28.54	26.70
		36	0	25.48	27.98	26.90	26.24	27.91	27.47	24.89	28.08	27.17	25.81	27.95	26.06
	QPSK	1	0	24.13	24.94	23.77	24.36	24.72	24.43	22.43	24.97	23.86	23.13	25.00	22.96
		1	1	27.28	28.56	27.70	27.82	28.67	27.91	26.20	28.54	27.44	26.65	28.70	26.35
		1	36	27.70	28.57	27.48	27.95	28.70	28.00	25.76	28.70	27.24	26.70	28.65	26.65
		1	37	23.94	25.14	23.89	24.09	25.17	24.31	22.26	24.89	24.10	23.14	24.92	22.97
		18	9	27.61	28.70	27.28	28.00	28.69	27.91	25.77	28.62	27.70	26.28	28.52	26.70
		36	0	25.03	27.53	26.31	25.58	27.28	26.97	24.79	27.47	26.36	25.23	27.34	25.45
	16QAM	1	0	23.89	25.08	23.77	24.11	25.09	24.07	22.33	25.15	23.99	23.15	25.14	22.82
		1	1	26.00	27.52	26.61	26.80	27.54	26.91	25.13	27.28	26.57	25.24	27.56	25.36
		1	36	26.47	27.51	26.62	26.86	27.20	26.59	24.88	27.44	26.55	25.33	27.46	25.43
		1	37	23.97	25.13	23.79	24.46	25.05	24.34	22.63	24.99	23.87	23.06	25.05	22.81
		18	9	26.41	27.53	26.61	26.91	27.70	26.71	25.17	27.62	26.51	25.59	27.33	25.54
		36	0	25.14	26.41	25.59	25.50	26.28	25.74	23.94	26.47	25.33	24.36	26.60	24.61
	64QAM	1	0	23.74	24.95	23.90	24.14	24.84	24.30	22.55	24.98	23.81	23.15	25.04	22.96
		1	1	24.31	26.06	24.76	25.26	26.19	25.27	23.26	25.95	25.17	23.84	25.75	24.05
		1	36	25.06	26.03	24.82	25.31	26.14	25.20	23.32	26.00	25.19	23.97	25.79	23.90
		1	37	24.17	25.16	24.07	24.17	24.93	24.28	22.43	24.87	23.78	23.15	24.81	23.01
		18	9	24.89	26.06	25.17	25.17	26.19	25.45	23.41	25.72	25.09	23.74	25.93	24.04
		36	0	25.10	26.15	24.80	25.09	25.94	25.24	23.34	26.05	25.09	24.08	26.09	23.83
	256QAM	1	0	22.63	24.01	22.75	23.48	23.98	23.32	21.57	23.98	22.81	22.10	23.96	22.04
		1	1	22.92	23.75	23.08	23.26	23.96	23.33	21.42	23.98	23.16	21.75	24.07	22.08
		1	36	22.92	24.06	23.12	23.32	24.01	23.06	21.50	24.18	23.11	22.08	23.87	22.04
		1	37	22.70	24.10	23.13	23.18	23.87	23.34	21.28	24.01	22.95	22.07	24.15	22.19
		18	9	22.99	23.97	22.91	23.41	23.70	23.19	21.36	24.12	23.01	21.78	24.05	22.17
		36	0	22.99	24.17	23.17	23.36	24.19	23.25	21.34	24.10	23.06	21.96	24.14	21.99

OUTPUT POWER FOR 5G NR n41 (20.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 14			ANT 1			ANT 3			ANT 4		
				502002	519000	535998	502002	519000	535998	502002	519000	535998	502002	519000	535998
20.0	BPSK	1	0	24.14	25.07	23.95	24.40	25.01	24.38	22.52	24.73	24.04	22.85	24.83	22.77
		1	1	27.41	28.49	27.38	27.84	28.70	27.61	26.13	28.60	27.70	26.28	28.52	26.47
		1	49	27.52	28.41	27.36	27.84	28.65	27.81	26.20	28.70	27.63	26.70	28.70	26.28
		1	50	24.16	25.03	23.99	24.27	25.02	24.19	22.48	24.96	24.09	22.85	25.04	23.20
		25	12	27.70	28.70	27.70	28.00	28.67	28.00	26.11	28.60	27.60	26.56	28.49	26.70
		50	0	25.39	27.91	27.19	26.00	27.82	27.12	24.99	27.85	26.98	26.11	27.98	25.99
	QPSK	1	0	23.98	24.87	23.98	24.39	25.05	24.37	22.42	25.06	24.16	23.01	24.91	22.75
		1	1	26.45	28.68	27.70	28.00	28.70	27.81	26.15	28.60	27.36	26.44	28.70	26.70
		1	49	27.69	28.70	27.37	27.72	28.58	28.00	25.92	28.70	27.37	26.25	28.57	26.33
		1	50	23.80	24.91	24.12	24.15	24.92	24.42	22.37	24.98	24.08	23.18	25.02	22.81
		25	12	27.70	28.60	27.59	27.60	28.42	27.85	26.20	28.66	27.70	26.70	28.34	26.39
		50	0	24.90	27.28	26.69	25.67	27.47	26.83	25.03	27.47	26.55	25.48	27.41	25.59
	16QAM	1	0	24.14	24.99	23.99	24.33	24.92	24.16	22.29	25.17	24.14	23.03	25.11	23.20
		1	1	25.74	27.54	26.60	26.75	27.61	26.88	24.98	27.28	26.47	25.67	27.50	25.46
		1	49	26.30	27.40	26.55	26.69	27.61	26.89	25.04	27.65	26.68	25.45	27.52	25.33
		1	50	23.97	24.99	24.00	24.44	25.00	24.50	22.47	24.97	23.80	22.98	24.98	23.17
		25	12	26.65	27.69	26.42	26.82	27.65	26.95	25.02	27.20	26.26	25.62	27.47	25.49
		50	0	24.86	26.62	25.67	25.81	26.61	25.86	24.01	26.49	25.53	24.46	26.39	24.51
	64QAM	1	0	24.16	24.89	23.94	24.23	24.92	24.32	22.49	24.95	23.73	22.87	24.99	22.82
		1	1	24.38	26.00	24.96	25.15	26.09	25.36	23.62	26.09	25.16	23.82	26.07	24.19
		1	49	24.93	25.75	25.13	25.24	26.05	25.32	23.50	26.17	24.72	24.15	26.20	23.92
		1	50	23.74	25.08	23.92	24.36	24.78	24.33	22.44	25.00	23.96	22.86	24.92	23.06
		25	12	25.18	25.80	25.07	25.24	25.81	25.24	23.53	25.76	24.96	24.19	25.98	23.70
		50	0	24.88	26.13	25.05	25.30	25.90	25.48	23.64	25.76	24.97	24.14	25.95	23.83
	256QAM	1	0	23.03	23.83	23.11	23.14	24.14	23.37	21.50	24.10	22.97	22.03	23.97	22.11
		1	1	22.83	23.92	22.80	23.36	24.15	23.34	21.30	23.95	22.78	21.86	24.15	22.12
		1	49	23.08	24.17	23.13	23.26	23.95	23.45	21.70	24.08	23.17	22.03	23.88	22.09
		1	50	23.16	23.82	22.90	23.49	24.00	23.43	21.60	24.05	23.08	21.81	23.71	22.14
		25	12	23.05	23.85	23.11	23.32	24.11	23.02	21.65	23.98	23.17	21.75	24.07	22.19
		50	0	23.10	23.80	23.17	23.32	23.94	23.43	21.54	24.07	22.75	21.97	24.02	21.97

OUTPUT POWER FOR 5G NR n41 (25.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 14			ANT 1			ANT 3			ANT 4		
				502500	519000	535500	502500	519000	535500	502500	519000	535500	502500	519000	535500
25.0	BPSK	1	0	23.97	25.19	23.84	24.38	25.11	24.15	22.34	25.02	23.83	22.98	25.00	23.02
		1	1	27.70	28.67	27.36	28.00	28.40	27.82	25.86	28.45	27.70	26.52	28.32	26.38
		1	63	27.36	28.60	27.70	27.99	28.70	27.57	26.20	28.49	27.60	26.70	28.70	26.70
		1	64	24.11	24.96	23.99	24.41	24.81	24.01	22.63	25.16	23.82	23.06	25.11	23.02
		32	16	27.59	28.70	27.64	27.93	28.68	28.00	26.14	28.70	27.61	26.51	28.64	26.38
		64	0	25.56	28.20	26.76	26.47	27.93	27.14	25.13	28.09	27.20	26.09	27.82	26.16
	QPSK	1	0	23.90	24.73	24.01	24.09	24.82	24.35	22.44	24.95	23.88	23.20	25.18	22.98
		1	1	26.72	28.42	27.70	27.76	28.68	28.00	26.20	28.67	27.51	26.70	28.70	26.37
		1	63	27.70	28.70	27.28	28.00	28.31	27.63	26.14	28.70	27.28	26.46	28.46	26.57
		1	64	24.02	24.83	23.75	24.49	25.13	24.39	22.59	25.17	24.01	23.05	25.05	22.98
		32	16	27.38	28.43	27.22	27.93	28.70	27.82	26.12	28.63	27.70	26.69	28.47	26.70
		64	0	24.93	27.62	26.33	25.74	27.40	26.93	25.03	27.42	26.69	25.28	27.34	25.50
	16QAM	1	0	23.89	25.10	23.99	24.32	24.97	24.20	22.62	24.74	24.03	22.95	25.02	22.92
		1	1	25.85	27.32	26.60	26.75	27.31	26.58	24.95	27.60	26.66	25.26	27.26	25.23
		1	63	26.37	27.41	26.28	26.88	27.55	26.64	25.05	27.48	26.57	25.28	27.54	25.30
		1	64	24.09	24.79	23.75	24.45	24.87	24.46	22.55	24.80	23.90	22.91	24.86	23.20
		32	16	26.56	27.31	26.30	26.74	27.69	26.78	25.03	27.60	26.37	25.41	27.40	25.45
		64	0	25.04	26.44	25.28	25.77	26.65	25.81	23.98	26.32	25.31	24.56	26.37	24.61
	64QAM	1	0	24.12	25.08	24.20	24.35	25.07	24.25	22.52	25.00	24.19	23.09	24.73	23.10
		1	1	24.43	26.12	25.03	25.49	25.83	25.36	23.33	25.89	24.82	24.02	26.17	23.89
		1	63	24.70	25.77	24.95	25.45	26.02	25.46	23.66	26.10	25.06	23.99	25.87	23.73
		1	64	23.94	24.93	23.93	24.47	25.10	24.08	22.47	25.08	24.20	22.92	25.03	23.01
		32	16	25.12	25.97	25.06	25.20	26.03	25.45	23.54	26.02	24.87	23.98	26.00	24.01
		64	0	25.11	25.85	25.20	25.24	25.85	25.46	23.56	26.07	24.86	23.89	25.86	23.94
	256QAM	1	0	23.12	23.89	22.87	23.47	24.05	23.30	21.54	24.04	23.16	21.96	23.84	21.79
		1	1	23.09	24.00	23.14	23.44	24.05	23.46	21.52	24.16	22.90	22.11	23.83	22.02
		1	63	23.10	23.96	22.78	23.48	24.15	23.39	21.49	24.14	22.97	22.10	23.79	22.15
		1	64	23.06	23.78	23.18	23.30	24.16	23.41	21.62	23.70	23.19	22.13	23.95	21.99
		32	16	22.71	23.81	23.20	23.30	24.00	23.25	21.31	23.78	22.70	21.72	24.06	22.12
		64	0	22.95	24.17	23.18	23.30	23.78	23.27	21.48	24.13	23.05	22.07	23.92	22.16

OUTPUT POWER FOR 5G NR n41 (30.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 14			ANT 1			ANT 3			ANT 4		
				503004	519000	534996	503004	519000	534996	503004	519000	534996	503004	519000	534996
30.0	BPSK	1	0	23.91	25.16	24.12	24.39	24.93	24.31	22.22	25.20	23.93	23.06	25.07	22.80
		1	1	27.32	28.56	27.35	27.54	28.62	27.92	25.81	28.70	27.53	26.67	28.70	26.70
		1	76	27.70	28.52	27.70	28.00	28.44	28.00	25.84	28.58	27.70	26.70	28.59	26.52
		1	77	23.92	25.12	23.93	24.07	25.02	24.11	22.53	25.18	24.18	23.18	25.00	23.04
		36	18	27.70	28.70	27.47	27.78	28.70	27.69	26.20	28.44	27.64	26.61	28.50	26.47
	QPSK	75	0	25.26	27.75	26.90	26.46	27.84	27.40	25.13	27.87	27.08	25.96	27.80	25.98
		1	0	23.84	24.73	24.10	24.12	24.88	24.32	22.26	25.04	24.19	23.07	25.11	22.74
		1	1	27.70	28.57	27.68	28.00	28.35	28.00	25.80	28.69	27.57	0.01	28.70	26.40
		1	76	27.56	28.70	27.70	27.91	28.70	27.54	25.93	28.70	27.33	26.70	28.60	26.70
		1	77	23.90	24.97	24.05	24.38	25.02	24.14	22.47	24.94	24.02	22.92	24.87	23.02
	16QAM	36	18	27.41	28.24	27.67	27.97	28.60	27.86	26.20	28.59	27.70	26.69	28.44	26.63
		75	0	25.16	27.64	26.57	25.92	27.31	26.88	24.83	27.48	26.32	25.33	27.39	25.60
		1	0	24.10	25.18	24.20	24.13	24.79	24.12	22.50	24.70	23.73	22.83	24.85	22.82
		1	1	26.65	27.57	26.68	26.76	27.60	26.83	25.16	27.41	26.61	25.38	27.42	25.52
		1	76	26.31	27.49	26.56	26.62	27.66	26.61	25.12	27.52	26.58	25.32	27.57	25.36
	64QAM	1	77	23.80	24.81	24.20	24.28	24.95	24.22	22.34	24.87	23.73	23.04	24.84	22.96
		36	18	26.44	27.67	26.52	26.81	27.43	26.71	25.00	27.34	26.45	25.39	27.52	25.30
		75	0	25.14	26.57	25.23	25.83	26.54	25.69	23.82	26.48	25.68	24.59	26.58	24.22
		1	0	24.16	25.16	23.93	24.46	25.04	24.15	22.44	24.89	23.93	23.20	24.97	23.14
		1	1	24.92	26.11	25.13	25.48	26.19	25.28	23.68	25.87	24.92	23.99	25.97	23.79
	256QAM	1	76	25.03	26.05	25.18	25.39	25.95	25.45	23.39	26.08	24.84	23.74	26.01	24.18
		1	77	24.00	24.98	24.06	24.23	25.09	24.21	22.40	24.97	24.11	22.75	24.85	22.87
		36	18	25.09	25.77	24.74	25.28	26.06	25.13	23.38	25.78	25.12	24.18	25.85	24.20
		75	0	24.73	25.75	24.91	25.29	26.04	25.49	23.50	25.73	24.86	23.78	25.82	24.03
		1	0	23.20	23.97	23.16	23.46	23.91	23.22	21.68	24.03	22.86	21.99	24.07	22.19
		1	1	22.84	24.05	23.06	23.41	23.81	23.47	21.48	23.92	23.13	22.12	24.03	21.99
		1	76	22.77	24.19	22.92	23.30	23.90	23.40	21.34	24.09	23.02	22.00	24.01	21.73
		1	77	22.75	24.08	23.05	23.42	23.86	23.30	21.49	23.94	23.15	21.87	23.93	21.96
		36	18	23.20	24.07	23.16	23.27	24.16	23.10	21.40	23.87	22.81	22.09	24.01	21.95
		75	0	22.85	24.02	22.93	23.22	24.15	23.48	21.33	23.77	22.70	22.02	23.93	22.19

OUTPUT POWER FOR 5G NR n41 (35.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 14			ANT 1			ANT 3			ANT 4		
				503502	519000	534498	503502	519000	534498	503502	519000	534498	503502	519000	534498
35.0	BPSK	1	0	23.82	25.19	23.90	24.41	25.18	24.43	22.32	24.86	23.85	22.94	24.94	22.98
		1	1	27.70	28.69	27.61	28.00	28.59	28.00	25.83	28.64	27.51	26.25	28.46	26.70
		1	90	27.26	28.66	27.70	27.52	28.38	27.74	26.20	28.70	27.28	26.40	28.44	26.38
		1	91	23.91	25.01	24.13	24.46	25.15	24.13	22.68	24.85	23.92	22.87	24.95	23.09
		45	22	27.37	28.70	27.64	27.87	28.70	27.85	25.89	28.38	27.70	26.70	28.70	26.63
	QPSK	90	0	25.57	28.19	27.16	26.44	27.73	27.16	25.00	27.94	27.08	25.77	28.05	26.10
		1	0	23.72	25.05	23.94	24.48	25.10	24.28	22.63	25.20	23.88	22.87	24.86	23.15
		1	1	27.70	28.70	27.59	27.73	28.58	27.89	26.07	28.61	27.22	26.47	28.43	26.50
		1	90	27.68	28.18	26.82	27.66	28.70	27.90	26.19	28.59	26.61	26.50	28.70	26.70
		1	91	24.06	24.95	23.84	24.08	25.10	24.40	22.34	25.16	23.97	23.03	25.00	22.93
	16QAM	45	22	27.64	28.56	27.70	28.00	28.61	28.00	26.20	28.70	27.70	26.70	28.35	26.41
		90	0	24.73	27.64	26.34	26.00	27.31	26.78	24.88	27.54	26.39	25.57	27.70	25.40
		1	0	23.94	25.03	23.96	24.39	24.75	24.12	22.35	25.05	24.01	23.17	24.74	23.01
		1	1	26.65	27.25	26.62	26.85	27.57	26.79	24.76	27.31	26.26	25.65	27.67	25.48
		1	90	26.55	27.33	25.96	26.89	27.39	26.97	25.13	27.38	25.92	25.41	27.51	25.50
	64QAM	1	91	24.15	25.10	24.20	24.11	24.80	24.10	22.67	24.76	23.91	23.12	25.01	22.92
		45	22	26.65	27.42	26.58	26.79	27.62	26.95	24.82	27.28	26.54	25.48	27.53	25.50
		90	0	24.99	26.26	25.29	25.82	26.38	25.88	24.04	26.31	25.46	24.67	26.44	24.59
		1	0	24.20	25.02	23.80	24.35	24.85	24.47	22.47	24.70	23.83	23.20	24.90	23.16
		1	1	24.84	25.88	24.96	25.37	25.87	25.08	23.42	26.15	24.86	23.97	26.03	24.07
	256QAM	1	90	25.12	25.92	24.53	25.14	25.90	25.15	23.60	26.13	24.41	24.02	26.00	23.94
		1	91	23.97	25.03	23.83	24.41	24.86	24.23	22.47	25.04	24.08	23.12	24.83	22.79
		45	22	24.81	26.13	24.93	25.29	25.84	25.22	23.48	26.06	25.20	24.08	26.17	24.07
		90	0	24.75	26.01	24.97	25.28	26.20	25.28	23.51	25.91	24.98	23.83	25.89	24.10
		1	0	23.06	23.84	23.15	23.27	24.03	23.39	21.32	23.81	22.94	22.05	24.06	22.11
		1	1	22.77	24.08	22.84	23.00	23.81	23.28	21.28	24.18	23.05	22.09	23.94	21.96
		1	90	23.15	23.83	23.14	23.34	23.77	23.30	21.63	24.18	23.13	21.75	23.85	22.14
		1	91	23.05	24.00	23.00	23.26	23.99	23.50	21.62	23.88	23.04	22.19	24.08	22.06
		45	22	23.02	24.02	23.03	23.19	23.81	23.32	21.61	23.70	23.06	22.03	23.75	22.01
		90	0	23.12	23.87	22.76	23.20	23.89	23.47	21.59	24.20	23.17	22.06	23.83	21.78

OUTPUT POWER FOR 5G NR n41 (40.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 14			ANT 1			ANT 3			ANT 4		
				504000	519000	534000	504000	519000	534000	504000	519000	534000	504000	519000	534000
40.0	BPSK	1	0	23.84	24.87	24.00	24.43	25.15	24.47	22.58	25.18	24.05	22.91	25.07	22.86
		1	1	27.49	28.56	27.55	27.93	28.64	27.86	26.20	28.70	27.70	26.31	28.70	26.69
		1	104	27.65	28.70	27.70	27.72	28.70	28.00	25.84	28.62	27.22	26.46	28.37	26.70
		1	105	24.14	24.94	23.83	24.28	24.92	24.29	22.43	24.97	24.16	22.81	24.84	23.08
		50	25	27.70	28.46	27.52	28.00	28.63	27.96	25.95	28.48	27.48	26.70	28.41	26.33
	QPSK	100	0	25.70	27.77	26.84	26.35	28.12	27.35	24.81	28.09	26.89	26.05	27.85	25.78
		1	0	23.92	25.05	24.02	24.35	25.02	24.05	22.55	25.16	24.11	22.86	25.10	23.15
		1	1	27.45	28.70	27.68	27.93	28.11	27.92	26.20	28.70	27.28	26.30	28.68	26.46
		1	104	27.70	28.19	26.85	28.00	28.05	27.19	26.13	28.57	26.62	26.59	28.57	26.56
		1	105	24.02	24.90	23.84	24.32	25.13	24.26	22.35	24.99	23.87	22.87	25.07	22.74
	16QAM	50	25	27.59	28.62	27.70	27.92	28.70	28.00	26.00	28.70	27.70	26.70	28.70	26.70
		100	0	25.14	27.70	26.54	25.76	27.69	26.95	25.02	27.26	26.21	25.35	27.44	25.54
		1	0	23.88	25.01	24.15	24.25	25.16	24.19	22.42	25.16	24.04	22.74	25.12	23.01
		1	1	26.69	27.61	26.67	26.73	27.43	26.85	25.05	27.24	26.45	25.62	27.68	25.40
		1	104	26.61	27.06	25.97	26.92	27.37	26.55	25.09	27.42	25.94	25.70	27.47	25.67
	64QAM	1	105	23.94	24.91	23.93	24.23	25.12	24.16	22.44	24.99	24.15	23.07	24.75	23.13
		50	25	26.48	27.34	26.25	26.72	27.23	26.69	24.88	27.51	26.55	25.45	27.67	25.44
		100	0	25.11	26.43	25.47	25.80	26.45	25.83	24.08	26.68	25.70	24.47	26.46	24.39
		1	0	24.08	24.99	24.07	24.32	24.81	24.07	22.61	24.83	23.84	22.84	24.95	22.91
		1	1	25.11	26.14	24.87	25.20	26.18	25.04	23.62	26.18	24.82	24.13	25.72	23.80
	256QAM	1	104	25.16	26.05	24.91	25.19	26.19	25.30	23.37	25.99	24.42	23.86	26.12	23.88
		1	105	23.97	25.11	24.19	24.29	25.08	24.30	22.58	25.15	24.19	23.11	25.14	22.98
		50	25	24.91	26.13	25.01	25.30	25.98	25.09	23.63	25.82	25.06	23.72	25.89	23.81
		100	0	25.14	25.96	24.88	25.28	26.02	25.40	23.67	25.88	24.91	23.88	26.01	24.08
		1	0	22.88	24.09	22.90	23.26	23.94	23.38	21.59	23.78	23.14	22.02	23.76	21.85
		1	1	23.11	23.80	23.19	23.24	24.16	23.43	21.45	23.92	23.18	22.20	23.89	21.83
		1	104	23.20	23.86	23.16	23.41	23.73	23.05	21.51	23.84	23.19	21.81	24.16	21.92
		1	105	22.86	24.06	22.92	23.46	24.17	23.11	21.51	23.93	23.00	22.13	23.89	21.77
		50	25	22.88	23.99	22.85	23.21	24.08	23.17	21.64	24.00	23.18	22.16	24.19	21.78
		100	0	22.96	23.88	22.96	23.24	24.18	23.18	21.36	23.70	22.93	21.98	23.83	21.94

OUTPUT POWER FOR 5G NR n41 (45.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 14			ANT 1			ANT 3			ANT 4		
				504504	519000	533496	504504	519000	533496	504504	519000	533496	504504	519000	533496
45.0	BPSK	1	0	23.93	25.05	23.82	24.28	25.08	24.24	22.59	25.14	23.97	22.81	25.16	23.12
		1	1	27.65	28.70	27.70	28.00	28.70	28.00	25.98	28.70	27.70	26.69	28.70	26.55
		1	117	27.66	28.66	27.54	27.97	28.63	27.84	25.94	28.67	26.72	26.70	28.61	26.46
		1	118	23.77	24.97	23.74	24.49	25.10	24.22	22.39	24.92	23.81	22.95	24.88	22.91
		54	27	27.70	28.38	27.49	27.98	28.57	27.73	26.20	28.60	27.33	26.42	28.63	26.70
	QPSK	108	0	25.61	28.14	27.07	26.21	28.05	27.20	25.13	27.72	26.96	25.71	28.16	26.14
		1	0	24.18	24.98	23.97	24.48	24.79	24.35	22.36	24.74	24.11	23.11	24.98	23.02
		1	1	27.48	28.66	27.63	27.68	28.07	28.00	26.20	28.37	27.52	26.67	28.70	26.56
		1	117	27.70	28.15	26.65	27.76	27.95	27.12	25.78	28.33	26.41	26.70	28.10	26.70
		1	118	24.13	25.08	23.79	24.49	24.75	24.42	22.53	25.01	23.98	23.10	25.17	23.18
	16QAM	54	27	27.57	28.70	27.70	28.00	28.70	27.85	25.74	28.67	27.70	26.54	28.60	26.62
		108	0	24.92	27.60	26.37	25.54	27.69	26.63	24.72	27.25	26.40	25.49	27.61	25.48
		1	0	23.81	25.07	23.95	24.48	25.18	24.45	22.62	24.79	23.78	23.18	25.07	23.12
		1	1	26.41	27.60	26.48	26.51	27.31	26.86	25.10	27.65	26.67	25.48	27.43	25.43
		1	117	26.34	27.27	26.00	26.74	27.33	26.43	24.96	27.65	25.68	25.69	27.38	25.69
	64QAM	1	118	23.93	25.19	23.73	24.38	25.02	24.03	22.60	25.02	23.75	23.07	25.13	22.78
		54	27	26.68	27.35	26.61	26.93	27.65	26.65	25.10	27.36	26.22	25.66	27.64	25.31
		108	0	24.83	26.57	25.23	25.91	26.61	25.74	23.81	26.41	25.59	24.58	26.29	24.34
		1	0	24.06	24.96	23.85	24.42	24.95	24.04	22.70	24.88	24.05	23.03	25.12	22.81
		1	1	25.02	26.00	25.09	25.38	26.10	25.35	23.67	26.04	24.83	23.85	26.13	23.91
	256QAM	1	117	24.81	25.73	24.50	25.26	25.97	25.18	23.21	25.88	24.34	23.88	26.00	24.06
		1	118	23.87	24.93	24.10	24.10	25.18	24.06	22.57	24.90	24.09	22.92	25.01	22.91
		54	27	25.07	26.09	25.17	25.41	25.98	25.36	23.34	25.83	24.76	23.85	25.83	24.10
		108	0	25.02	25.99	24.90	25.40	26.09	25.39	23.37	26.17	24.71	23.91	26.09	23.87
		1	0	22.87	23.72	23.05	23.38	24.19	23.47	21.54	24.03	22.93	22.19	23.83	21.89
		1	1	23.04	24.10	22.72	23.47	23.75	23.36	21.26	23.78	23.14	22.08	23.77	21.85
		1	117	22.85	23.84	23.01	23.31	24.10	23.38	21.11	23.75	23.12	21.91	23.82	21.81
		1	118	23.16	23.71	23.07	23.29	23.85	23.38	20.52	23.70	22.98	21.95	23.89	22.00
		54	27	22.87	23.95	22.73	23.37	23.93	23.41	21.38	23.81	22.76	22.13	24.18	22.18
		108	0	23.08	24.18	22.80	23.39	24.15	23.15	21.50	23.87	23.02	22.04	24.15	21.95

OUTPUT POWER FOR 5G NR n41 (50.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 14			ANT 1			ANT 3			ANT 4		
				505002	519000	532998	505002	519000	532998	505002	519000	532998	505002	519000	532998
50.0	BPSK	1	0	24.10	25.05	23.89	24.25	25.01	24.36	22.61	24.95	24.09	22.87	24.81	23.00
		1	1	27.29	28.70	27.70	27.87	28.68	27.75	26.20	28.63	27.70	26.70	28.70	26.64
		1	131	27.70	28.66	27.60	27.81	28.70	28.00	25.70	28.30	26.68	26.22	28.39	26.54
		1	132	24.05	25.20	23.96	24.36	24.77	24.48	22.67	24.71	24.15	22.79	25.14	23.20
		64	32	27.27	28.60	27.57	28.00	28.69	27.91	25.96	28.70	27.63	26.52	28.32	26.70
		128	0	25.34	28.19	27.08	26.02	28.16	27.09	24.83	27.84	26.89	25.73	28.36	26.01
	QPSK	1	0	24.20	25.01	23.80	24.01	24.75	24.50	22.31	25.05	23.87	23.04	25.18	22.93
		1	1	27.66	28.70	27.64	27.81	28.44	27.95	26.20	28.30	27.43	26.50	28.70	26.40
		1	131	27.69	28.02	26.67	27.69	28.34	27.52	26.02	28.22	26.29	26.70	28.07	26.70
		1	132	23.85	24.80	24.17	24.46	24.91	24.49	22.59	25.08	23.77	23.08	25.16	23.07
		64	32	27.70	28.63	27.70	28.00	28.70	28.00	26.16	28.70	27.70	26.50	28.47	26.26
		128	0	25.17	27.69	26.39	25.93	27.24	26.76	24.74	27.62	26.48	25.49	27.56	25.20
	16QAM	1	0	24.02	24.89	23.76	24.04	25.08	24.05	22.24	25.14	24.13	23.03	25.18	22.80
		1	1	26.58	27.58	26.69	26.72	27.59	27.00	25.04	27.20	26.20	25.47	27.29	25.46
		1	131	26.30	27.15	25.75	26.65	27.66	26.65	25.15	27.29	25.73	25.55	27.38	25.68
		1	132	24.11	25.10	23.92	24.29	25.15	24.16	22.46	24.93	24.20	23.17	25.11	22.84
		64	32	26.32	27.52	26.68	26.90	27.55	26.97	24.80	27.31	26.26	25.44	27.57	25.26
		128	0	25.14	26.45	25.29	25.89	26.68	25.95	23.92	26.56	25.68	24.66	26.28	24.59
	64QAM	1	0	24.02	24.96	23.99	24.27	25.14	24.39	22.62	25.19	24.09	22.92	25.16	22.75
		1	1	24.71	26.20	24.78	25.13	25.90	25.27	23.58	25.93	25.04	24.06	25.96	24.04
		1	131	25.19	25.72	24.64	25.20	25.78	25.25	23.35	25.79	24.61	23.86	25.96	24.19
		1	132	24.14	24.94	23.79	24.23	24.85	24.37	22.52	25.19	23.93	22.96	24.75	23.16
		64	32	25.18	25.97	24.81	25.50	26.02	25.26	23.54	25.88	25.15	24.01	26.18	23.86
		128	0	24.80	26.17	24.94	25.45	25.99	25.02	23.39	25.90	25.00	23.73	25.77	23.89
	256QAM	1	0	23.06	23.85	23.06	23.42	23.99	23.49	21.44	24.12	22.93	22.20	23.83	21.82
		1	1	23.01	23.93	22.76	23.33	24.02	23.17	21.66	24.06	23.10	22.16	23.89	21.79
		1	131	23.13	24.20	23.04	23.25	24.11	23.16	21.68	24.05	22.53	21.85	24.09	21.82
		1	132	23.17	24.19	22.96	23.18	24.06	23.04	21.55	24.04	22.81	22.04	24.07	21.93
		64	32	23.02	24.12	22.70	23.39	23.71	23.27	21.51	24.07	23.07	22.15	24.12	22.17
		128	0	23.15	24.17	23.09	23.44	24.16	23.21	21.33	23.95	22.96	22.17	23.85	22.12

OUTPUT POWER FOR 5G NR n41 (60.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 14			ANT 1			ANT 3			ANT 4		
				506004	519000	531996	506004	519000	531996	506004	519000	531996	506004	519000	531996
60.0	BPSK	1	0	23.91	25.00	23.92	24.38	24.91	24.36	22.55	25.10	24.09	22.99	25.20	22.88
		1	1	27.70	28.60	27.70	28.00	28.25	27.75	25.92	28.70	27.52	26.40	28.25	26.65
		1	160	27.46	28.46	27.45	27.81	28.70	28.00	26.20	28.37	26.66	26.70	28.38	26.65
		1	161	24.14	24.98	23.99	24.15	24.75	24.28	22.48	25.04	24.15	23.14	24.89	23.14
		81	40	27.65	28.70	27.46	27.69	28.31	27.88	25.88	28.65	27.70	26.45	28.70	26.70
		162	0	25.52	28.17	26.97	26.31	27.83	27.19	25.04	28.14	27.15	25.94	27.80	25.92
	QPSK	1	0	23.85	24.95	24.01	24.46	25.07	24.42	22.48	24.91	23.82	23.16	25.12	23.20
		1	1	27.09	28.66	27.44	27.69	28.55	27.55	26.15	28.28	27.61	26.70	28.70	26.63
		1	160	27.62	27.88	26.68	28.00	28.57	27.79	26.20	27.96	26.24	26.64	27.97	26.61
		1	161	23.83	25.10	24.05	24.01	25.14	24.24	22.50	24.83	23.93	22.79	25.09	22.85
		81	40	27.70	28.70	27.70	27.83	28.70	28.00	26.14	28.70	27.70	26.64	28.49	26.70
		162	0	25.15	27.64	26.65	25.71	27.33	26.80	24.80	27.60	26.30	25.62	27.59	25.30
	16QAM	1	0	24.12	24.99	24.03	24.16	24.97	24.36	22.22	24.75	23.80	23.15	25.16	22.91
		1	1	26.29	27.67	26.41	26.87	27.67	26.87	24.73	27.17	26.32	25.64	27.31	25.38
		1	160	26.26	27.01	25.89	26.94	27.67	26.51	25.14	27.27	25.53	25.56	27.18	25.24
		1	161	23.88	24.92	24.10	24.50	25.10	24.46	22.57	25.13	23.93	22.86	24.81	23.13
		81	40	26.53	27.43	26.57	26.74	27.68	26.96	25.13	27.48	26.31	25.66	27.59	25.46
		162	0	24.97	26.69	25.35	25.88	26.55	25.95	24.18	26.34	25.38	24.58	26.34	24.24
	64QAM	1	0	23.91	24.83	23.76	24.35	24.84	24.00	22.56	25.11	24.17	23.19	24.96	23.10
		1	1	24.90	25.76	24.71	25.39	26.20	25.39	23.63	25.98	25.00	23.92	26.07	23.72
		1	160	25.17	25.78	24.65	25.05	25.93	25.48	23.53	25.98	23.93	24.17	25.92	23.82
		1	161	23.78	24.96	23.90	24.11	24.97	24.21	22.63	24.73	24.16	22.73	24.74	22.97
		81	40	24.89	26.12	24.73	25.48	25.88	25.22	23.63	26.04	24.86	23.76	26.14	23.93
		162	0	25.15	26.00	24.87	25.25	25.72	25.07	23.54	25.96	24.80	24.17	26.19	24.09
	256QAM	1	0	22.91	24.16	23.18	23.47	23.73	23.17	21.55	24.09	23.15	21.83	23.81	21.87
		1	1	23.14	23.93	22.88	23.39	24.06	23.32	21.43	24.09	22.73	21.94	23.95	22.09
		1	160	23.08	24.13	23.10	23.32	23.88	23.47	21.52	24.02	22.98	22.05	23.82	22.05
		1	161	23.17	23.87	23.16	23.50	23.83	23.33	21.51	24.10	22.85	21.92	23.77	22.10
		81	40	22.72	24.06	22.87	23.22	24.07	23.20	21.46	23.81	22.96	21.89	23.84	21.90
		162	0	22.98	23.95	22.98	23.31	24.06	23.25	21.36	24.02	23.07	22.06	24.01	21.96

OUTPUT POWER FOR 5G NR n41 (70.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 14			ANT 1			ANT 3			ANT 4		
				507000	519000	531000	507000	519000	531000	507000	519000	531000	507000	519000	531000
70.0	BPSK	1	0	24.15	24.70	24.01	24.50	24.78	24.19	22.46	25.12	23.96	22.94	25.07	22.71
		1	1	27.70	28.41	27.60	28.00	28.57	27.56	26.20	28.67	27.70	26.53	28.70	26.60
		1	187	27.64	28.32	27.36	27.90	28.70	27.58	26.17	28.37	26.60	26.70	28.16	26.61
		1	188	23.92	24.92	24.08	24.00	24.88	24.16	22.44	24.76	23.95	23.14	24.94	22.95
		90	45	27.48	28.70	27.70	27.73	28.40	28.00	25.89	28.70	27.37	26.67	28.64	26.70
		180	0	25.43	28.06	27.06	26.42	28.00	27.46	24.98	28.07	26.95	26.05	28.19	26.14
	QPSK	1	0	24.00	24.70	24.06	24.13	24.89	24.05	22.63	24.75	24.04	22.75	24.75	23.06
		1	1	27.25	28.70	27.70	27.62	28.48	27.65	26.05	28.70	27.70	26.70	28.70	26.70
		1	187	27.70	27.77	26.64	28.00	28.69	27.91	26.20	27.59	25.99	26.62	27.30	26.57
		1	188	24.03	25.08	23.82	24.34	25.16	24.11	22.37	24.99	23.95	23.20	24.92	22.97
		90	45	27.65	28.67	27.56	27.72	28.70	28.00	26.18	28.29	27.53	26.59	28.16	26.41
		180	0	25.17	27.66	26.51	25.97	27.24	26.54	24.80	27.63	26.43	25.50	27.20	25.30
	16QAM	1	0	24.07	25.14	24.11	24.38	25.14	24.42	22.55	24.72	23.90	22.90	24.98	23.11
		1	1	26.39	27.60	26.41	26.82	27.68	26.92	24.93	27.43	26.36	25.44	27.49	25.54
		1	187	26.64	27.03	25.88	26.96	27.45	26.94	25.19	26.78	25.24	25.36	26.16	25.44
		1	188	23.96	25.09	23.86	24.45	24.90	24.30	22.34	25.20	24.04	22.93	25.08	22.94
		90	45	26.49	27.32	26.44	26.79	27.45	26.65	25.07	27.41	26.44	25.61	27.26	25.69
		180	0	25.12	26.33	25.59	25.95	26.39	25.84	23.94	26.45	25.36	24.41	26.43	24.38
	64QAM	1	0	24.05	25.07	24.03	24.28	25.05	24.41	22.43	24.90	24.19	22.99	24.92	22.91
		1	1	25.18	25.94	24.75	25.38	26.01	25.45	23.67	25.90	24.91	24.12	25.88	23.75
		1	187	25.04	25.42	24.46	25.19	25.95	25.47	23.32	25.72	24.17	23.86	25.04	24.14
		1	188	24.02	24.98	23.84	24.15	25.10	24.50	22.46	25.09	24.04	22.96	24.90	22.76
		90	45	25.14	26.02	24.99	25.23	26.20	25.18	23.68	26.13	25.07	23.85	25.99	23.77
		180	0	25.20	25.85	24.92	25.34	26.08	25.26	23.40	25.77	24.94	23.91	26.14	23.90
	256QAM	1	0	23.13	24.15	22.98	23.19	24.00	23.14	21.56	24.10	23.16	22.15	23.72	22.19
		1	1	23.10	24.09	22.88	23.44	23.99	23.42	21.27	24.08	22.95	22.19	24.04	21.94
		1	187	23.19	23.84	22.95	23.07	23.87	23.23	21.59	24.12	22.66	22.20	23.62	21.85
		1	188	22.84	24.19	22.90	23.11	23.94	23.07	21.26	23.81	22.67	22.20	23.85	21.93
		90	45	22.93	24.16	23.05	23.14	23.87	23.07	21.58	24.05	23.00	21.84	23.90	22.09
		180	0	23.10	23.85	22.97	23.42	23.75	23.27	21.67	24.14	22.91	22.18	24.17	21.80

OUTPUT POWER FOR 5G NR n41 (80.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 14			ANT 1			ANT 3			ANT 4		
				508002	519000	529998	508002	519000	529998	508002	519000	529998	508002	519000	529998
80.0	BPSK	1	0	23.88	25.15	24.18	24.10	25.07	24.49	22.43	25.06	24.12	22.95	25.09	23.06
		1	1	27.70	28.67	27.17	27.87	28.46	27.73	26.20	28.54	27.36	26.52	28.55	26.70
		1	215	27.43	28.21	27.28	27.73	28.52	28.00	26.11	28.37	26.95	26.65	28.27	26.41
		1	216	24.17	25.12	24.00	24.31	24.95	24.42	22.61	25.01	23.91	22.84	25.09	22.90
		108	54	27.64	28.70	27.70	28.00	28.70	27.92	25.96	28.70	27.70	26.70	28.70	26.49
		216	0	25.60	28.16	27.10	26.18	28.03	27.26	24.97	28.09	23.88	25.87	27.87	26.05
	QPSK	1	0	23.99	24.71	23.90	24.15	24.96	24.48	22.51	24.73	23.96	23.15	24.94	22.98
		1	1	27.08	28.61	27.48	27.79	28.35	28.00	26.20	28.70	27.70	26.30	28.70	26.38
		1	215	27.58	27.68	26.33	27.58	28.70	27.51	26.18	28.11	26.37	26.70	27.37	26.70
		1	216	24.08	25.01	24.15	24.42	24.81	24.31	22.42	24.82	23.97	22.83	25.10	23.15
		108	54	27.70	28.70	27.70	28.00	28.68	27.96	26.18	28.49	27.64	26.52	28.32	26.49
		216	0	24.94	27.44	26.53	25.70	27.69	26.80	25.04	27.56	26.29	25.61	27.41	25.62
	16QAM	1	0	24.14	25.17	24.07	24.38	24.88	24.49	22.35	25.18	24.13	23.03	25.17	22.85
		1	1	26.22	27.57	26.48	26.83	27.49	26.90	24.76	27.41	26.20	25.39	27.38	25.25
		1	215	26.67	26.92	25.64	26.63	27.60	26.64	24.98	27.13	25.82	25.65	26.10	25.50
		1	216	24.20	25.14	23.93	24.10	25.01	24.35	22.53	24.95	24.04	22.84	24.97	22.87
		108	54	26.62	27.53	26.25	26.88	27.38	26.77	24.73	27.61	26.66	25.59	27.34	25.58
		216	0	25.16	26.49	25.69	25.70	26.33	25.79	23.95	26.26	25.46	24.57	26.54	24.28
	64QAM	1	0	24.16	24.74	23.71	24.48	25.09	24.38	22.29	24.75	24.19	22.93	25.16	23.04
		1	1	24.73	26.02	24.85	25.46	25.95	25.48	23.52	26.08	25.00	24.17	25.89	23.84
		1	215	24.82	25.15	24.46	25.15	25.83	25.22	23.55	25.75	24.28	23.99	25.26	23.80
		1	216	23.94	24.99	24.10	24.07	24.99	24.40	22.23	24.75	24.09	23.06	24.87	22.88
		108	54	24.86	25.98	24.91	25.37	25.98	25.32	23.68	25.73	25.14	24.04	26.19	23.87
		216	0	24.83	25.89	25.11	25.23	26.06	25.26	23.48	25.81	25.07	23.83	26.04	24.07
	256QAM	1	0	22.84	23.78	23.08	23.09	23.93	23.13	21.36	23.94	23.10	22.11	24.10	21.75
		1	1	23.16	24.14	23.01	23.25	23.99	23.11	21.30	23.87	23.09	21.99	23.86	21.88
		1	215	23.00	24.04	22.72	23.16	23.81	23.31	21.36	23.80	23.08	21.90	23.97	22.00
		1	216	23.06	24.20	22.41	23.50	23.79	23.48	21.27	23.92	23.03	21.93	23.55	21.74
		108	54	23.12	24.02	23.10	23.15	23.88	23.48	21.47	24.13	22.89	22.02	23.95	21.94
		216	0	22.80	24.16	22.72	23.38	23.70	23.12	21.70	23.91	22.71	22.01	24.11	21.92

OUTPUT POWER FOR 5G NR n41 (90.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 14			ANT 1			ANT 3			ANT 4		
				509004	519000	528996	509004	519000	528996	509004	519000	528996	509004	519000	528996
90.0	BPSK	1	0	23.89	25.17	23.99	24.44	24.77	24.34	22.34	25.08	24.00	22.91	25.12	23.11
		1	1	27.70	28.47	27.63	28.00	28.70	27.87	26.20	28.70	27.70	26.51	28.68	26.52
		1	243	27.64	28.25	27.13	27.96	28.51	28.00	26.10	28.47	27.36	26.70	28.17	26.66
		1	244	24.00	24.79	24.19	24.27	24.79	24.19	22.54	24.91	23.77	22.88	24.94	22.73
		120	60	27.66	28.70	27.70	27.83	28.58	27.86	26.19	28.45	27.67	26.37	28.70	26.70
	QPSK	243	0	25.50	27.90	26.96	26.34	28.03	27.40	25.07	27.74	26.79	25.99	27.83	26.16
		1	0	23.93	24.80	23.93	24.31	24.81	24.01	22.48	25.07	23.88	22.92	25.17	22.77
		1	1	27.17	28.70	27.70	27.93	28.70	28.00	25.85	28.70	27.70	26.51	28.70	26.61
		1	243	27.36	27.62	27.10	27.65	28.58	27.89	26.20	27.90	26.21	26.45	27.57	26.70
		1	244	24.19	25.12	23.83	24.43	24.84	24.22	22.46	25.10	23.97	23.13	24.78	23.01
	16QAM	120	60	27.70	28.65	27.65	28.00	28.66	27.90	26.15	28.37	27.66	26.70	28.38	26.70
		243	0	24.79	27.21	26.44	25.93	27.48	26.77	24.86	27.23	26.67	25.69	27.40	25.49
		1	0	23.96	24.99	23.72	24.03	25.14	24.48	22.57	25.15	24.11	23.01	24.96	23.18
		1	1	26.53	27.32	26.52	26.91	27.35	26.95	25.16	27.63	26.26	25.59	27.69	25.38
		1	243	26.45	26.55	26.03	26.44	27.28	26.93	24.85	26.85	25.44	25.51	26.69	25.35
	64QAM	1	244	23.96	25.04	24.00	24.33	24.96	24.33	22.54	25.05	23.94	23.05	25.12	22.82
		120	60	26.66	27.59	26.22	26.71	27.63	26.91	25.07	27.59	26.47	25.56	27.45	25.46
		243	0	24.74	26.32	25.60	25.84	26.43	25.98	23.89	26.59	25.35	24.63	26.66	24.31
		1	0	23.91	24.79	24.17	24.07	24.87	24.45	22.45	25.09	23.83	23.04	24.99	22.73
		1	1	25.00	26.19	25.19	25.26	25.93	25.32	23.65	26.09	24.78	23.93	26.14	23.74
	256QAM	1	243	25.17	25.38	24.80	25.38	26.14	25.27	23.31	25.70	24.57	24.16	25.29	24.17
		1	244	23.91	25.17	24.14	24.33	24.96	24.35	22.35	25.00	24.10	22.75	24.85	22.95
		120	60	25.13	26.18	25.18	25.49	26.06	25.35	23.55	25.79	24.97	24.16	26.17	23.80
		243	0	25.00	25.91	24.86	25.15	26.15	25.26	23.60	26.04	24.78	24.05	26.03	23.87
		1	0	22.93	24.09	23.18	23.30	23.89	23.19	21.60	23.93	23.00	21.70	24.03	21.98
		1	1	23.06	23.82	23.18	23.33	23.80	23.23	21.39	23.77	23.08	21.93	24.02	21.92
		1	243	22.93	23.82	22.87	23.35	24.03	23.25	21.52	23.82	22.74	22.01	23.89	21.82
		1	244	22.99	23.96	23.17	23.35	23.88	23.02	21.31	24.15	22.25	21.94	24.06	22.14
		120	60	23.20	23.96	23.01	23.33	23.76	23.36	21.63	24.11	22.99	22.13	23.79	22.03
		243	0	22.99	23.99	22.72	23.22	24.13	23.29	21.33	23.76	22.83	22.20	23.93	21.99

OUTPUT POWER FOR 5G NR n41 (100.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 14			ANT 1			ANT 3			ANT 4		
				501000	519000	528000	501000	519000	528000	501000	519000	528000	501000	519000	528000
100.0	BPSK	1	0	23.99	24.90	24.29	24.28	24.96	24.41	22.50	24.93	24.22	23.17	24.81	23.11
		1	1	27.70	28.57	27.70	27.82	28.70	27.62	26.20	28.70	27.51	26.70	28.48	26.69
		1	271	27.35	28.70	27.61	28.00	28.33	28.00	25.89	28.23	26.79	26.67	28.23	26.70
		1	272	24.18	25.10	23.97	24.21	24.89	24.26	22.70	25.14	24.00	23.14	24.83	22.81
		135	67	27.40	28.53	27.58	26.81	28.43	27.75	26.07	28.45	27.70	26.43	28.70	26.41
	QPSK	270	0	24.70	28.10	27.20	24.68	27.79	27.20	24.67	28.01	27.16	24.67	27.73	26.16
		1	0	24.35	25.18	24.35	24.75	24.89	24.34	22.65	24.89	24.21	22.78	25.18	22.93
		1	1	27.66	28.70	27.70	27.87	28.68	27.96	25.94	28.70	27.54	26.45	28.70	26.42
		1	271	27.66	27.62	26.91	27.74	28.61	28.00	25.85	27.41	25.93	26.67	27.65	26.70
		1	272	24.25	24.82	24.21	24.34	24.88	24.21	22.45	24.96	24.34	23.22	25.01	23.20
	16QAM	135	67	27.70	28.70	27.69	26.47	28.70	27.71	26.20	28.55	27.70	26.70	28.31	26.38
		270	0	24.44	27.59	26.56	24.27	27.66	26.76	24.61	27.46	26.76	24.49	27.13	25.56
		1	0	24.15	24.83	24.00	24.39	24.91	24.14	22.72	25.10	24.25	22.84	25.07	23.01
		1	1	26.60	27.52	26.63	27.17	27.44	26.77	24.76	27.69	26.84	25.54	27.40	25.78
		1	271	26.68	26.90	25.89	26.83	27.66	26.80	24.72	26.92	25.07	25.58	26.69	25.76
	64QAM	1	272	24.20	24.85	24.41	24.59	24.88	24.31	22.41	24.95	24.23	22.82	25.04	22.87
		135	67	26.61	27.37	26.74	26.33	27.36	26.71	24.82	27.22	26.88	25.35	27.39	25.57
		270	0	24.67	26.69	25.76	24.58	26.59	25.84	24.07	26.67	25.61	24.49	26.46	24.71
		1	0	24.33	24.90	24.48	24.45	25.20	24.27	22.29	24.91	23.96	23.08	25.16	22.85
		1	1	25.36	25.95	25.48	25.42	25.99	25.59	23.63	26.17	25.25	24.02	25.85	24.08
	256QAM	1	271	25.31	25.70	25.08	25.69	25.93	25.20	23.29	25.46	23.80	23.97	25.16	23.91
		1	272	24.31	24.96	24.02	24.35	25.04	24.28	22.42	25.19	23.69	23.05	24.98	22.88
		135	67	25.17	26.01	25.20	25.36	26.14	25.53	23.53	25.97	24.95	24.03	25.79	23.83
		270	0	24.40	26.17	25.42	24.20	25.97	25.29	23.71	25.99	25.12	24.27	26.12	23.82
		1	0	23.40	24.05	23.26	23.59	23.90	23.23	21.35	24.00	23.14	21.96	24.02	22.14
		1	1	23.15	24.02	23.13	23.59	24.15	23.46	21.30	23.72	23.06	21.92	24.17	21.82
		1	271	23.10	23.78	23.42	23.47	23.91	23.23	21.55	24.02	22.46	22.03	24.15	22.02
		1	272	23.29	23.76	23.36	23.29	24.01	23.48	21.52	24.20	22.86	21.92	23.98	22.08
		135	67	23.46	23.76	23.21	23.54	23.82	23.19	21.65	23.83	23.20	22.21	23.90	22.02
		270	0	23.54	24.20	23.50	23.33	24.11	23.29	21.48	24.12	23.14	22.16	24.16	21.93

8.10. 5G NR n41 (IC MIMO)

Test Engineer ID:	32188	Test Date:	2026-03-03
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OUTPUT POWER FOR 5G NR n41 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)					
				ANT 14+1			ANT 3+1		
				501000	519000	537000	501000	519000	537000
10.0	BPSK	1	0	24.99	26.16	25.40	26.09	26.46	25.42
		1	1	30.58	31.36	30.26	30.23	31.29	30.26
		1	22	28.98	31.23	29.85	30.11	31.69	29.43
		1	23	24.38	26.24	25.47	26.17	26.44	25.46
		12	6	30.70	31.70	30.70	30.70	31.70	30.70
		24	0	29.05	30.07	29.20	29.92	30.34	29.51
	QPSK	1	0	24.58	25.72	24.93	25.73	25.96	25.03
		1	1	24.51	30.82	29.81	29.81	30.66	29.07
		1	22	28.49	30.82	29.69	29.47	30.26	29.55
		1	23	23.92	25.74	24.94	25.70	25.97	24.30
		12	6	30.27	31.33	30.40	30.51	31.65	30.37
		24	0	28.30	29.81	28.82	29.51	29.68	28.38
	16QAM	1	0	24.03	25.59	24.81	25.03	25.02	24.24
		1	1	28.48	30.11	28.99	28.19	28.95	28.03
		1	22	27.73	30.11	28.84	28.09	28.81	27.54
		1	23	23.79	25.69	24.87	24.85	25.14	24.04
		12	6	29.19	30.36	29.52	28.84	29.92	28.73
		24	0	27.22	28.72	27.85	27.69	28.02	27.35
	64QAM	1	0	24.13	25.64	24.74	25.07	25.15	24.36
		1	1	26.97	28.48	27.27	26.86	27.76	26.86
		1	22	26.31	28.54	27.24	27.01	27.75	26.56
		1	23	23.80	25.68	24.84	24.99	25.32	24.38
		12	6	27.17	28.66	27.79	27.36	28.20	27.18
		24	0	26.68	28.17	27.42	27.42	27.65	26.69
	256QAM	1	0	24.15	25.62	24.84	24.70	25.32	24.30
		1	1	24.17	25.60	24.81	24.99	25.32	24.45
		1	22	23.86	25.71	24.93	25.14	25.33	24.45
		1	23	23.81	25.66	24.91	25.11	25.26	24.33
		12	6	24.13	25.62	24.78	25.12	25.21	24.36
		24	0	24.15	25.63	24.82	25.15	25.27	24.38

OUTPUT POWER FOR 5G NR n41 (15.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)					
				ANT 14+1			ANT 3+1		
				501504	519000	536496	501504	519000	536496
15.0	BPSK	1	0	25.08	26.27	25.17	25.87	25.84	24.77
		1	1	30.27	31.40	30.05	29.75	31.09	30.12
		1	36	29.56	31.28	29.85	30.35	31.33	29.89
		1	37	24.65	26.29	25.42	25.73	25.80	25.13
		18	9	30.70	31.70	30.70	30.32	31.70	30.70
		36	0	28.92	30.01	29.12	29.47	29.72	29.00
	QPSK	1	0	24.51	25.72	24.68	25.57	25.66	24.34
		1	1	29.57	30.82	29.78	29.47	29.95	28.95
		1	36	29.25	30.92	29.71	29.34	29.62	29.68
		1	37	24.21	25.76	24.81	25.08	25.37	24.66
		18	9	30.70	31.39	30.70	30.53	31.51	30.70
		36	0	28.56	29.76	28.61	29.25	29.30	28.64
	16QAM	1	0	24.47	25.62	24.53	25.42	25.57	24.50
		1	1	28.80	30.16	28.76	28.85	29.51	28.82
		1	36	28.43	30.20	28.69	29.08	29.63	28.20
		1	37	24.08	25.68	24.68	25.53	25.56	24.55
		18	9	29.48	30.36	29.32	29.28	30.35	29.08
		36	0	27.39	28.63	27.69	28.29	28.50	27.23
	64QAM	1	0	24.56	25.68	24.57	25.44	25.61	24.45
		1	1	27.25	28.40	27.05	27.28	28.16	27.12
		1	36	26.87	28.55	27.15	27.56	28.21	26.83
		1	37	24.05	25.65	24.76	25.54	25.57	24.51
		18	9	27.46	28.63	27.66	27.70	28.52	27.49
		36	0	26.86	28.13	27.15	27.74	27.98	27.01
	256QAM	1	0	24.34	25.63	24.56	25.33	25.64	24.55
		1	1	24.40	25.72	24.58	25.40	25.62	24.53
		1	36	24.11	25.64	24.67	25.51	25.52	24.59
		1	37	24.04	25.67	24.72	25.54	25.56	24.61
		18	9	24.34	25.57	24.57	25.53	25.50	24.59
		36	0	24.32	25.56	24.58	25.55	25.52	24.58

OUTPUT POWER FOR 5G NR n41 (20.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)					
				ANT 14+1			ANT 3+1		
				502002	519000	535998	502002	519000	535998
20.0	BPSK	1	0	25.10	25.99	24.99	26.01	26.04	25.26
		1	1	30.43	31.70	30.27	30.10	31.21	30.24
		1	49	29.73	31.27	30.04	30.35	31.27	30.10
		1	50	24.72	26.07	25.27	25.89	26.03	25.29
		25	12	30.70	31.67	30.70	30.40	31.70	30.70
		50	0	29.22	30.23	29.26	29.86	30.26	29.39
	QPSK	1	0	24.63	25.57	24.57	25.65	25.70	24.57
		1	1	29.70	31.00	29.86	29.58	30.69	29.28
		1	49	29.51	30.94	29.88	29.62	31.08	29.83
		1	50	24.18	25.56	24.73	25.19	25.55	24.71
		25	12	30.62	31.58	30.70	30.45	31.65	30.68
		50	0	28.79	29.76	28.82	29.36	29.42	28.98
	16QAM	1	0	24.51	25.46	24.49	25.49	25.62	24.68
		1	1	28.98	30.18	28.83	28.82	29.31	28.66
		1	49	28.58	30.02	28.79	28.94	29.34	28.25
		1	50	24.01	25.49	24.60	25.27	25.38	24.68
		25	12	29.57	30.40	29.37	29.24	30.20	29.34
		50	0	27.53	28.56	27.68	28.25	28.43	27.48
	64QAM	1	0	24.42	25.43	24.49	25.38	25.45	24.68
		1	1	27.36	28.41	27.06	27.34	27.99	27.24
		1	49	26.99	28.18	27.17	27.57	28.16	27.20
		1	50	24.09	25.51	24.60	25.45	25.59	24.86
		25	12	27.59	28.51	27.66	27.74	28.48	27.74
		50	0	27.03	27.97	27.15	27.75	28.05	27.25
	256QAM	1	0	24.51	25.43	24.39	25.36	25.84	24.70
		1	1	24.53	25.44	24.44	25.40	25.82	24.82
		1	49	23.99	25.45	24.69	25.42	25.70	24.91
		1	50	24.08	25.51	24.64	25.50	25.68	24.99
		25	12	24.53	25.50	24.63	25.62	25.65	24.89
		50	0	24.53	25.41	24.54	25.65	25.67	24.90

OUTPUT POWER FOR 5G NR n41 (25.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)					
				ANT 14+1			ANT 3+1		
				502500	519000	535500	502500	519000	535500
25.0	BPSK	1	0	25.15	26.20	25.13	26.18	26.40	25.32
		1	1	30.68	31.69	30.38	30.17	31.35	30.13
		1	63	30.70	31.30	30.03	30.16	31.33	30.03
		1	64	24.69	26.18	25.29	25.93	26.22	25.26
		32	16	30.51	31.68	30.70	30.34	31.70	30.70
		64	0	29.10	30.16	29.11	29.75	30.36	29.35
	QPSK	1	0	24.67	25.68	24.64	25.56	25.62	24.92
		1	1	30.07	31.18	29.97	29.92	31.28	29.93
		1	63	29.60	31.01	29.81	30.03	30.83	29.78
		1	64	24.17	25.66	24.82	25.29	25.77	24.86
		32	16	30.56	31.33	30.66	30.42	31.66	30.68
		64	0	28.63	29.60	28.73	29.18	29.85	28.84
	16QAM	1	0	24.61	25.66	24.59	25.51	25.66	24.68
		1	1	29.26	30.26	29.16	28.82	30.21	28.64
		1	63	28.70	30.10	29.20	28.93	30.19	27.94
		1	64	24.20	25.55	24.74	25.24	25.62	24.50
		32	16	29.53	30.35	29.67	29.08	30.33	29.30
		64	0	27.56	28.53	27.66	28.11	28.38	27.45
	64QAM	1	0	24.51	25.65	24.48	25.40	25.93	24.52
		1	1	27.38	28.64	27.73	27.43	28.57	27.30
		1	63	26.94	28.42	27.47	27.52	28.46	27.25
		1	64	24.03	25.62	24.70	25.25	25.55	24.61
		32	16	27.46	28.57	27.69	27.61	28.56	27.56
		64	0	27.01	28.07	27.10	27.65	27.99	27.01
	256QAM	1	0	24.60	25.51	24.57	25.37	25.86	24.57
		1	1	24.55	25.55	24.51	25.28	25.74	24.52
		1	63	24.11	25.60	24.67	25.18	25.45	24.64
		1	64	23.99	25.55	24.63	25.33	25.54	24.65
		32	16	24.37	25.47	24.59	25.29	25.52	24.56
		64	0	24.38	25.51	24.56	25.21	25.51	24.54

OUTPUT POWER FOR 5G NR n41 (30.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)					
				ANT 14+1			ANT 3+1		
				503004	519000	534996	503004	519000	534996
30.0	BPSK	1	0	25.16	25.97	24.92	25.89	25.92	25.13
		1	1	30.70	31.70	30.70	30.38	31.70	30.52
		1	76	30.34	31.39	30.32	30.28	31.43	29.89
		1	77	24.89	25.98	25.03	25.75	25.77	25.26
		36	18	30.46	31.52	30.60	30.11	31.38	30.70
		75	0	29.11	29.93	29.02	29.55	29.82	29.17
	QPSK	1	0	24.71	25.44	24.51	25.41	25.43	24.60
		1	1	30.14	31.55	30.25	30.07	30.86	30.27
		1	76	30.07	31.05	29.79	30.18	30.76	29.81
		1	77	24.30	25.40	24.56	25.25	25.23	24.75
		36	18	30.68	31.16	30.65	30.16	31.56	30.62
		75	0	28.66	29.33	28.58	29.17	29.32	28.68
	16QAM	1	0	24.56	25.27	24.56	25.41	25.35	24.53
		1	1	29.47	30.31	29.24	29.05	30.50	29.25
		1	76	29.28	30.14	29.02	29.05	29.89	28.94
		1	77	24.20	25.16	24.57	25.20	25.15	24.58
		36	18	29.57	30.22	29.43	28.98	30.09	29.51
		75	0	27.58	28.16	27.44	27.99	28.24	27.59
	64QAM	1	0	24.55	25.27	24.43	25.33	25.46	24.55
		1	1	27.58	28.28	27.51	27.55	28.37	27.52
		1	76	27.24	28.32	27.43	27.51	28.12	27.29
		1	77	24.22	25.16	24.66	25.25	25.10	24.52
		36	18	27.45	28.24	27.43	27.46	28.20	27.53
		75	0	27.01	27.76	26.98	27.53	27.77	27.00
	256QAM	1	0	24.55	25.36	24.40	25.32	25.39	24.36
		1	1	24.59	25.34	24.49	25.54	25.37	24.51
		1	76	24.27	25.35	24.55	25.22	25.26	24.58
		1	77	24.18	25.28	24.61	25.20	25.28	24.60
		36	18	24.42	25.22	24.36	25.23	25.14	24.50
		75	0	24.49	25.20	24.43	25.33	25.16	24.54

OUTPUT POWER FOR 5G NR n41 (35.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)					
				ANT 14+1			ANT 3+1		
				503502	519000	534498	503502	519000	534498
35.0	BPSK	1	0	22.27	26.06	25.15	25.92	22.95	21.85
		1	1	25.66	31.40	30.28	30.02	31.33	25.43
		1	90	30.70	31.03	29.72	30.26	26.37	25.56
		1	91	25.29	26.14	25.25	25.90	22.71	22.00
		45	22	25.61	31.70	30.70	30.22	26.40	25.42
		90	0	25.02	30.14	29.15	25.32	25.81	24.93
	QPSK	1	0	22.13	25.62	24.61	22.39	25.88	24.93
		1	1	25.64	30.90	30.02	26.01	30.84	29.96
		1	90	30.11	30.81	29.62	25.93	30.57	29.46
		1	91	24.85	25.67	24.76	22.29	25.78	24.84
		45	22	25.68	31.46	30.65	30.06	31.36	30.39
		90	0	24.59	29.68	28.67	29.05	29.75	28.82
	16QAM	1	0	22.12	25.66	24.70	25.35	25.88	24.87
		1	1	24.49	30.26	29.20	28.72	30.14	29.09
		1	90	29.30	30.00	29.00	28.79	29.84	28.61
		1	91	24.71	25.67	24.74	25.25	25.65	24.88
		45	22	24.46	30.53	29.63	28.95	30.47	29.46
		90	0	23.46	28.68	27.72	28.01	28.77	27.76
	64QAM	1	0	22.19	25.74	24.65	25.26	25.95	24.88
		1	1	23.24	28.57	27.50	27.17	28.53	27.28
		1	90	27.87	28.35	27.25	27.39	28.15	27.14
		1	91	24.74	25.53	24.81	25.30	25.66	24.77
		45	22	23.00	28.59	27.60	27.51	28.69	27.73
		90	0	23.01	28.08	27.16	27.49	28.24	27.23
	256QAM	1	0	21.14	25.52	24.51	25.32	25.83	24.72
		1	1	20.90	25.70	24.59	25.34	25.85	24.79
		1	90	24.73	25.61	24.70	25.18	25.68	24.61
		1	91	24.75	25.50	24.79	25.25	25.72	24.84
		45	22	20.67	25.61	24.54	25.21	25.63	24.70
		90	0	20.68	25.59	24.64	25.28	25.64	24.74

OUTPUT POWER FOR 5G NR n41 (40.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)					
				ANT 14+1			ANT 3+1		
				504000	519000	534000	504000	519000	534000
40.0	BPSK	1	0	25.10	25.85	25.44	25.94	26.42	25.73
		1	1	29.84	29.76	30.22	29.96	30.63	30.02
		1	104	30.70	29.13	29.07	30.13	30.16	28.71
		1	105	24.92	26.19	25.45	25.76	26.14	25.64
		50	25	30.54	31.70	30.70	30.22	31.70	30.70
		100	0	29.14	30.06	29.18	29.76	30.24	29.39
	QPSK	1	0	24.67	25.67	24.72	25.39	26.02	25.19
		1	1	29.19	30.25	29.16	29.49	30.10	29.37
		1	104	28.79	30.06	28.34	29.81	29.72	28.25
		1	105	24.77	25.49	24.87	25.30	25.70	25.18
		50	25	30.65	31.51	30.62	30.26	31.34	30.40
		100	0	28.78	29.62	28.77	29.27	29.81	28.86
	16QAM	1	0	24.47	25.50	24.55	25.38	25.92	25.20
		1	1	28.46	29.70	28.55	28.64	29.42	28.60
		1	104	28.22	29.52	27.69	28.91	29.09	27.66
		1	105	24.52	25.63	24.96	25.19	25.66	25.19
		50	25	29.55	30.54	29.14	29.04	30.37	29.11
		100	0	27.55	28.62	27.81	28.11	28.70	27.93
	64QAM	1	0	24.47	25.61	24.85	25.38	25.99	25.17
		1	1	27.44	28.39	27.27	27.16	28.34	27.48
		1	104	26.50	28.30	26.91	27.61	28.09	26.60
		1	105	24.36	25.42	24.85	25.25	25.70	25.16
		50	25	27.50	28.59	27.69	27.56	28.84	27.64
		100	0	27.06	28.14	27.36	27.52	28.40	27.61
	256QAM	1	0	24.61	25.61	24.89	25.27	25.89	25.11
		1	1	24.55	25.56	24.92	25.43	25.94	25.26
		1	104	24.28	25.64	24.73	25.31	25.80	24.88
		1	105	24.08	25.55	24.69	25.53	25.74	24.90
		50	25	24.45	25.60	24.79	25.32	25.80	25.19
		100	0	24.48	25.61	24.86	25.36	25.82	25.24

OUTPUT POWER FOR 5G NR n41 (45.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)					
				ANT 14+1			ANT 3+1		
				504504	519000	533496	504504	519000	533496
45.0	BPSK	1	0	21.97	26.17	25.61	25.95	26.52	25.89
		1	1	25.58	31.11	30.31	30.14	30.67	29.96
		1	117	30.70	30.50	29.10	30.56	30.12	28.47
		1	118	25.64	26.14	25.69	26.10	26.22	25.70
		54	27	25.28	31.70	30.70	30.51	31.70	30.70
		108	0	24.88	30.10	29.38	29.99	30.21	29.50
	QPSK	1	0	21.96	25.76	25.11	25.68	26.08	25.46
		1	1	25.61	30.35	29.45	29.61	30.17	29.20
		1	117	30.19	29.89	28.56	30.14	29.71	27.91
		1	118	25.10	25.75	25.31	25.71	25.86	25.17
		54	27	25.39	31.37	30.66	30.50	31.34	29.95
		108	0	24.37	29.60	28.95	29.51	29.76	28.82
	16QAM	1	0	21.82	25.70	24.94	25.51	25.82	25.32
		1	1	24.32	29.68	28.70	28.69	29.43	28.60
		1	117	29.44	29.43	27.93	29.18	29.13	27.43
		1	118	25.07	25.82	25.20	25.67	25.88	25.25
		54	27	24.24	30.46	29.21	29.43	30.47	29.13
		108	0	23.32	28.63	27.99	28.37	28.76	27.97
	64QAM	1	0	21.93	25.78	25.13	25.65	25.98	25.33
		1	1	22.76	28.39	27.48	27.46	28.17	27.42
		1	117	27.83	28.08	26.79	27.74	27.93	26.31
		1	118	24.91	25.72	25.12	25.76	25.90	25.39
		54	27	22.83	28.62	27.89	27.92	28.79	27.68
		108	0	22.83	28.11	27.48	27.94	28.39	27.46
	256QAM	1	0	20.86	25.65	24.87	25.42	25.89	25.18
		1	1	20.86	25.67	25.09	25.56	25.92	25.15
		1	117	25.05	25.54	25.05	25.66	25.89	24.73
		1	118	24.93	25.47	24.84	25.57	25.94	24.68
		54	27	20.79	25.54	24.92	25.59	25.89	25.20
		108	0	20.73	25.57	24.99	25.60	25.86	25.27

OUTPUT POWER FOR 5G NR n41 (50.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)					
				ANT 14+1			ANT 14+1		
				505002	519000	532998	505002	519000	532998
50.0	BPSK	1	0	25.32	26.32	25.63	26.13	26.65	26.11
		1	1	29.72	31.04	30.46	29.97	30.46	29.95
		1	131	30.35	30.47	29.04	30.42	30.79	28.17
		1	132	25.33	26.16	25.65	26.11	26.38	25.89
		64	32	30.70	31.70	30.70	30.52	31.70	30.70
		128	0	29.20	29.99	29.32	29.91	30.15	29.89
	QPSK	1	0	24.82	25.73	25.22	25.63	26.11	25.66
		1	1	29.15	30.32	29.63	29.29	30.03	29.43
		1	131	29.92	29.93	28.47	29.91	29.21	27.88
		1	132	24.78	25.87	25.17	25.86	25.75	25.38
		64	32	30.65	31.50	30.69	30.57	31.36	30.27
		128	0	28.75	29.65	28.86	29.42	29.75	28.82
	16QAM	1	0	24.76	25.80	25.14	25.48	26.10	25.59
		1	1	28.41	29.69	28.88	28.69	29.23	28.75
		1	131	29.26	29.19	28.05	29.15	28.64	27.37
		1	132	24.76	25.58	25.03	25.66	25.85	25.51
		64	32	29.63	30.46	29.05	29.36	30.36	29.13
		128	0	27.74	28.60	27.63	28.31	28.73	28.00
	64QAM	1	0	24.69	25.68	24.68	25.83	25.95	25.49
		1	1	27.25	28.37	26.95	27.44	28.33	27.63
		1	131	27.79	28.03	26.01	28.02	27.80	26.25
		1	132	24.66	25.76	24.91	25.72	25.98	25.38
		64	32	27.70	28.66	27.60	27.78	28.78	27.70
		128	0	27.15	28.11	27.19	27.78	28.32	27.63
	256QAM	1	0	24.63	25.64	24.67	25.38	26.11	25.50
		1	1	24.74	25.78	25.06	25.55	26.00	25.44
		1	131	24.69	25.53	24.55	25.72	25.74	24.97
		1	132	24.59	25.68	24.46	25.72	25.97	24.83
		64	32	24.59	25.53	24.81	25.50	25.78	25.31
		128	0	24.65	25.56	24.86	25.53	25.83	25.34

OUTPUT POWER FOR 5G NR n41 (60.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Combined Conducted Average Power (dBm)					
				ANT 14+4			ANT 3+1		
				506004	519000	531996	506004	519000	531996
60.0	BPSK	1	0	25.48	26.28	25.49	26.21	26.71	25.82
		1	1	29.28	30.54	29.61	29.11	30.79	29.82
		1	160	29.21	29.73	28.13	29.61	30.30	28.00
		1	161	25.11	26.01	25.27	25.97	26.36	25.66
		81	40	30.70	31.69	30.70	30.70	31.66	30.70
		162	0	29.31	30.31	29.78	30.01	30.24	29.98
	QPSK	1	0	25.07	25.51	24.64	25.44	26.08	25.39
		1	1	28.57	29.82	28.90	28.38	30.17	29.29
		1	160	28.51	29.35	27.73	29.12	29.20	27.72
		1	161	24.60	25.51	24.73	25.53	25.75	25.20
		81	40	30.62	31.43	30.69	30.55	31.26	30.32
		162	0	28.97	29.75	28.83	29.12	29.79	28.91
	16QAM	1	0	24.99	25.45	24.65	25.31	26.24	25.43
		1	1	28.09	29.18	28.25	27.56	29.57	28.89
		1	160	27.99	28.77	27.29	28.52	28.57	27.37
		1	161	24.63	25.63	24.87	25.46	25.82	25.12
		81	40	29.49	30.35	29.12	29.55	30.41	29.12
		162	0	27.96	28.34	27.51	28.05	28.76	27.94
	64QAM	1	0	24.90	25.68	24.88	25.41	26.04	25.46
		1	1	26.82	27.91	27.10	26.58	28.31	27.59
		1	160	27.14	27.83	26.29	27.35	27.66	26.24
		1	161	24.79	25.89	24.64	25.52	25.95	25.22
		81	40	27.86	28.56	27.55	28.07	28.89	27.67
		162	0	27.43	28.05	27.09	27.66	28.38	27.54
	256QAM	1	0	24.79	25.57	24.78	25.01	26.02	25.44
		1	1	24.87	25.76	24.99	25.08	26.12	25.50
		1	160	24.91	25.70	24.68	25.52	25.91	24.87
		1	161	25.02	25.69	24.72	25.47	25.97	24.69
		81	40	24.79	25.62	24.83	25.30	25.86	25.23
		162	0	24.85	25.62	24.93	25.39	25.95	25.28

OUTPUT POWER FOR 5G NR n41 (70.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)					
				ANT 14+1			ANT 3+1		
				507000	519000	531000	507000	519000	531000
70.0	BPSK	1	0	25.55	26.37	25.29	26.15	26.71	25.63
		1	1	28.48	30.92	29.41	28.62	30.73	29.57
		1	187	28.72	29.65	27.93	30.41	29.94	28.12
		1	188	25.45	26.03	25.03	25.93	26.53	25.48
		90	45	30.70	31.70	30.70	30.70	31.61	30.70
		180	0	29.43	30.05	29.30	30.02	29.98	29.31
	QPSK	1	0	25.20	25.93	24.60	25.25	25.98	25.05
		1	1	27.93	30.20	28.57	28.09	29.71	28.91
		1	187	28.42	29.22	27.44	28.87	29.36	27.47
		1	188	24.90	25.85	24.61	25.40	25.87	25.19
		90	45	30.68	31.29	30.70	30.70	31.21	30.49
		180	0	28.77	29.75	28.85	28.88	29.49	28.83
	16QAM	1	0	25.07	25.95	24.39	25.15	26.04	25.14
		1	1	27.45	29.37	27.81	27.34	29.15	28.39
		1	187	27.64	28.75	26.93	28.16	28.52	26.96
		1	188	24.81	25.63	24.50	25.21	25.88	25.10
		90	45	29.04	29.99	28.93	29.12	30.02	28.90
		180	0	28.00	28.74	27.61	28.02	28.58	27.79
	64QAM	1	0	24.96	25.74	24.57	25.29	25.80	25.11
		1	1	26.23	28.13	26.46	26.31	27.83	27.02
		1	187	26.33	27.45	25.53	27.19	27.65	25.58
		1	188	24.68	25.60	24.51	25.19	25.84	24.73
		90	45	27.79	28.38	27.42	28.00	28.58	27.59
		180	0	27.45	27.98	26.95	27.62	28.16	27.35
	256QAM	1	0	24.71	25.96	24.28	24.62	26.07	25.16
		1	1	25.00	25.97	24.65	24.72	25.98	24.96
		1	187	24.86	25.54	24.08	25.43	25.70	24.31
		1	188	24.76	25.44	24.10	25.29	25.70	24.19
		90	45	25.06	25.50	24.48	25.29	25.71	25.01
		180	0	25.11	25.53	24.56	25.29	25.69	25.08

OUTPUT POWER FOR 5G NR n41 (80.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)					
				ANT 14+1			ANT 3+1		
				508002	519000	529998	508002	519000	529998
80.0	BPSK	1	0	25.63	26.18	25.22	25.68	26.47	25.43
		1	1	28.99	30.89	29.24	28.39	30.55	29.63
		1	215	28.67	29.74	27.72	28.99	29.87	27.98
		1	216	25.20	25.95	25.04	25.49	26.39	25.49
		108	54	30.70	31.70	30.70	30.70	31.69	30.70
		216	0	29.45	29.99	28.99	29.60	30.22	29.43
	QPSK	1	0	24.99	25.74	24.53	24.95	26.01	24.98
		1	1	28.22	30.02	29.12	27.60	29.77	28.67
		1	215	28.15	29.36	27.74	28.23	29.37	27.29
		1	216	24.56	25.68	24.75	24.93	25.91	24.77
		108	54	30.70	31.05	30.70	30.60	31.21	30.64
		216	0	28.57	29.77	28.57	28.85	29.70	28.69
	16QAM	1	0	24.90	25.50	24.60	24.78	25.94	24.91
		1	1	27.41	29.30	28.40	26.89	29.16	28.15
		1	215	27.40	28.66	27.06	27.70	28.57	26.88
		1	216	24.91	25.68	24.79	24.97	25.88	24.70
		108	54	29.07	30.05	29.11	28.78	29.95	28.87
		216	0	27.67	28.51	27.41	27.68	28.61	27.63
	64QAM	1	0	24.78	25.42	24.87	24.62	26.15	24.94
		1	1	26.25	27.98	27.11	25.79	27.79	26.83
		1	215	26.14	27.49	25.90	26.38	27.50	25.63
		1	216	24.70	25.61	24.59	24.72	25.84	24.60
		108	54	27.76	28.38	27.65	27.53	28.59	27.37
		216	0	27.17	27.86	27.14	27.31	28.07	27.10
	256QAM	1	0	24.62	25.44	24.86	24.32	25.93	24.79
		1	1	24.93	25.88	24.76	24.22	25.92	24.93
		1	215	24.80	25.41	24.47	24.85	25.61	24.36
		1	216	24.71	25.48	24.50	24.84	25.41	24.01
		108	54	24.91	25.33	24.65	24.88	25.69	24.90
		216	0	24.91	25.41	24.69	24.86	25.74	24.85

OUTPUT POWER FOR 5G NR n41 (90.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)					
				ANT 14+1			ANT 3+1		
				509004	519000	528996	509004	519000	528996
90.0	BPSK	1	0	25.84	26.25	25.38	25.90	26.71	25.51
		1	1	29.08	30.74	30.23	28.48	30.42	29.97
		1	243	29.68	30.65	28.58	29.18	29.89	28.19
		1	244	25.61	26.27	25.05	25.61	26.57	25.60
		120	60	30.70	31.70	30.70	30.70	31.70	30.70
		243	0	29.50	30.27	29.20	29.88	30.24	29.34
	QPSK	1	0	25.38	25.78	24.59	25.34	26.01	25.03
		1	1	28.29	29.93	29.22	28.10	29.77	29.19
		1	243	28.96	29.75	27.70	28.74	29.19	27.65
		1	244	25.17	25.80	24.74	25.04	25.77	25.20
		120	60	30.70	31.30	30.70	30.70	31.30	30.70
		243	0	28.61	29.66	28.61	28.75	29.83	28.80
	16QAM	1	0	25.30	25.71	24.70	25.18	26.17	24.87
		1	1	27.60	29.11	28.51	27.23	28.91	28.53
		1	243	27.99	29.11	26.94	28.10	28.50	26.73
		1	244	25.28	25.84	24.67	25.10	25.80	25.16
		120	60	29.18	30.22	29.17	29.10	30.06	28.90
		243	0	27.77	28.60	27.39	27.88	28.61	27.67
	64QAM	1	0	25.05	25.60	24.83	25.15	26.57	25.28
		1	1	26.35	27.84	26.84	26.15	28.53	27.86
		1	243	26.80	27.91	25.93	27.84	27.94	26.44
		1	244	25.10	25.63	24.65	25.57	26.29	25.25
		120	60	27.91	28.74	27.59	28.34	29.20	27.92
		243	0	27.33	28.12	27.06	27.96	28.81	27.62
	256QAM	1	0	24.88	25.85	24.61	24.81	26.35	25.50
		1	1	25.06	25.77	25.13	25.15	26.22	25.19
		1	243	25.00	25.84	24.31	25.33	26.03	25.00
		1	244	25.18	25.77	24.15	25.64	26.15	25.00
		120	60	25.05	25.69	24.69	25.46	26.10	25.40
		243	0	25.03	25.79	24.74	25.49	26.15	25.47

OUTPUT POWER FOR 5G NR n41 (100.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)					
				ANT 14+1			ANT 3+1		
				510000	519000	528000	510000	519000	528000
100.0	BPSK	1	0	26.28	26.42	25.70	25.98	26.72	25.90
		1	1	29.40	30.90	30.25	29.22	30.76	30.38
		1	271	29.93	30.67	28.66	29.91	30.41	28.71
		1	272	25.97	26.43	25.35	25.85	26.74	25.89
		135	67	30.70	31.70	30.70	30.70	31.70	30.70
		270	0	27.70	30.39	29.42	27.70	30.30	29.52
	QPSK	1	0	25.73	25.72	25.04	25.63	26.49	25.50
		1	1	28.64	30.13	29.35	28.62	30.20	29.42
		1	271	29.36	29.88	27.97	29.23	29.65	28.28
		1	272	25.55	25.98	24.99	25.49	26.38	25.39
		135	67	30.70	31.35	30.70	30.29	31.23	30.21
		270	0	27.67	29.79	28.81	27.65	29.90	28.82
	16QAM	1	0	25.56	25.84	24.77	25.23	25.89	24.94
		1	1	27.88	29.19	28.28	27.47	28.85	28.31
		1	271	28.53	29.20	27.41	28.24	28.36	27.06
		1	272	25.56	26.13	24.89	25.17	25.68	25.06
		135	67	29.56	30.37	29.39	28.76	29.85	28.86
		270	0	27.65	28.65	27.55	27.62	28.41	27.65
	64QAM	1	0	25.58	25.76	25.11	25.04	25.86	25.18
		1	1	26.90	28.22	27.14	26.22	27.69	27.00
		1	271	27.53	27.98	26.43	27.02	27.13	25.66
		1	272	25.69	26.08	25.06	24.81	25.72	24.82
		135	67	28.30	28.78	27.74	27.71	28.53	27.57
		270	0	27.57	28.19	27.23	27.22	28.06	27.20
	256QAM	1	0	25.37	25.85	24.78	24.64	26.04	25.31
		1	1	25.38	25.77	25.08	24.62	25.80	25.38
		1	271	25.65	26.14	24.55	25.06	25.96	24.83
		1	272	25.60	25.83	24.53	25.11	25.66	24.77
		135	67	25.40	25.80	24.89	24.99	25.81	25.23
		270	0	25.38	25.83	24.90	25.03	25.97	25.17

8.11. ULCA LTE BAND 41 (IC)

Test Engineer ID:	19210	Test Date:	2026-03-25
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OUTPUT POWER FOR ULCA LTE BAND 41 (5.0MHz + 20.0MHz)

Bandwidth	PCC Frequency (MHz)	SCC1 Frequency (MHz)	PCC RB				Conducted Average (dBm)											
			Size	Offset	Size	Offset	ANT 14				ANT 1				ANT 3			
							QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
5MHz / 20MHz	2503.3	2515.0	1	24	1	0	22.49	22.70	22.65	21.89	23.00	22.60	22.93	22.55	19.60	19.58	21.20	20.61
			25	0	100	0	22.70	22.65	22.66	21.46	22.78	23.00	22.74	22.50	20.50	21.04	21.20	20.77
	2585.8	2597.5	1	24	1	0	28.70	27.18	26.49	23.16	28.70	27.20	26.51	23.00	28.70	27.17	26.04	23.48
			25	0	100	0	26.70	25.32	25.66	22.63	26.70	25.22	25.03	22.86	26.70	25.10	25.29	22.17
	2668.3	2680.0	1	24	1	0	27.70	25.71	25.58	22.43	28.00	26.01	25.91	22.79	27.70	25.66	25.39	21.63
			25	0	100	0	25.70	24.63	24.25	21.04	26.00	24.31	24.89	22.25	25.70	24.13	24.28	21.90

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

Bandwidth	PCC Frequency (MHz)	SCC1 Frequency (MHz)	PCC RB				Conducted Average (dBm)											
			Size	Offset	Size	Offset	ANT 14				ANT 1				ANT 3			
							QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
20MHz / 5MHz	2510.0	2521.7	1	99	1	0	26.70	25.97	25.50	21.56	26.23	26.30	25.36	21.32	25.20	23.92	22.34	19.91
			100	0	25	0	22.10	22.70	22.52	20.74	22.47	23.00	22.76	21.92	20.82	21.20	20.43	19.29
	2592.5	2604.2	1	99	1	0	28.70	27.20	26.54	23.56	28.70	27.20	26.40	23.62	28.70	27.19	26.49	23.55
			100	0	25	0	26.70	25.22	24.94	22.30	26.70	25.57	25.46	23.57	26.70	25.62	25.70	22.85
	2675.0	2686.7	1	99	1	0	27.70	25.91	25.40	21.30	28.00	26.39	25.64	22.75	27.70	26.11	25.35	22.48
			100	0	25	0	25.70	24.44	24.66	21.30	26.00	24.79	24.80	20.94	25.70	24.31	24.33	21.10

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

Bandwidth	PCC Frequency (MHz)	SCC1 Frequency (MHz)	PCC RB				Conducted Average (dBm)											
			Size	Offset	Size	Offset	ANT 14				ANT 1				ANT 3			
							QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
10MHz / 20MHz	2505.5	2519.9	1	49	1	0	21.78	22.27	22.70	20.79	22.34	22.13	23.00	21.93	21.19	21.18	21.20	20.05
			50	0	100	0	22.70	22.47	22.54	21.91	22.75	23.00	22.65	22.07	21.20	21.18	21.16	19.85
	2585.6	2600.0	1	49	1	0	28.70	27.12	26.42	23.31	28.70	27.18	26.68	23.32	28.70	27.19	26.69	23.42
			50	0	100	0	26.70	25.62	25.67	22.41	26.70	25.52	25.46	22.06	26.70	25.36	25.10	22.19
	2665.6	2680.0	1	49	1	0	27.70	26.12	25.56	22.48	28.00	26.25	24.84	22.23	27.70	25.91	24.84	21.40
			50	0	100	0	25.70	24.61	24.68	22.06	26.00	24.84	24.89	22.66	25.70	24.63	24.48	21.92

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

Bandwidth	PCC Frequency (MHz)	SCC1 Frequency (MHz)	PCC RB				Conducted Average (dBm)											
			Size	Offset	Size	Offset	ANT 14				ANT 1				ANT 3			
							QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
20MHz / 10MHz	2510.0	2524.4	1	99	1	0	26.22	26.16	25.01	22.50	26.99	26.41	24.17	19.89	25.20	23.85	23.86	20.02
			100	0	50	0	22.70	21.91	22.63	20.99	22.20	22.92	23.00	21.02	20.90	21.20	20.98	19.95
	2590.1	2604.5	1	99	1	0	28.70	27.20	26.58	23.24	28.70	27.20	26.47	23.62	28.70	27.20	26.59	23.50
			100	0	50	0	26.70	25.22	25.62	22.49	26.70	25.21	25.43	22.78	26.29	25.42	25.50	23.62
	2670.1	2684.5	1	99	1	0	27.70	26.18	25.47	22.52	28.00	26.44	25.74	22.98	26.90	26.06	25.49	22.37
			100	0	50	0	25.70	24.59	24.28	21.49	26.00	24.74	24.90	22.85	25.70	24.59	24.67	21.67

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

Bandwidth	PCC Frequency (MHz)	SCC1 Frequency (MHz)	PCC RB				Conducted Average (dBm)											
			Size	Offset	Size	Offset	ANT 14				ANT 1				ANT 3			
							QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
15MHz / 15MHz	2507.5	2522.5	1	74	1	0	27.70	26.14	24.89	22.50	28.00	26.31	25.68	22.86	26.20	24.47	23.68	20.97
			75	0	75	0	22.45	22.70	22.30	21.36	22.86	22.92	23.00	21.86	21.20	20.56	21.17	20.14
	2587.5	2602.5	1	74	1	0	28.70	27.18	26.48	23.70	28.70	27.12	26.68	23.62	28.70	27.12	26.66	23.62
			75	0	75	0	26.70	25.41	25.64	22.61	26.70	25.58	25.22	22.39	26.70	25.67	25.61	23.55
	2667.5	2682.5	1	74	1	0	27.67	26.08	24.84	22.39	26.61	26.45	25.80	22.92	27.70	26.12	25.60	22.51
			75	0	75	0	25.70	24.52	24.43	22.03	26.00	24.87	24.86	22.01	25.68	24.57	24.62	21.88

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

Bandwidth	PCC Frequency (MHz)	SCC1 Frequency (MHz)	PCC RB				Conducted Average (dBm)											
			Size	Offset	Size	Offset	ANT 14				ANT 1				ANT 3			
							QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
15MHz / 20MHz	2507.8	2524.9	1	74	1	0	27.70	26.20	25.09	22.34	28.00	26.28	25.11	21.14	26.20	23.07	23.31	19.58
			75	0	100	0	22.06	22.70	22.46	21.17	22.33	22.88	23.00	21.50	20.95	21.19	21.20	20.76
	2585.3	2602.4	1	74	1	0	28.70	27.20	26.54	23.36	28.70	27.20	26.59	23.67	28.70	27.18	26.63	23.66
			75	0	100	0	26.70	25.66	25.54	22.79	26.70	25.47	25.41	21.94	26.70	25.64	24.86	22.63
	2662.9	2680.0	1	74	1	0	27.70	25.89	25.53	22.36	28.00	26.43	25.82	22.71	27.70	25.96	24.34	21.91
			75	0	100	0	25.70	24.69	24.48	21.92	26.00	24.72	24.97	21.70	25.70	24.64	24.62	21.81

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	Size	Offset	Size	Offset	ANT 14				ANT 1				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	27.70	25.86	25.45	22.24	28.00	26.45	23.90	22.94	26.20	24.43	24.17	21.07	26.70	24.64	24.46	19.55	26.70	24.64	24.46	19.55
			100	0	75	0	22.70	22.69	22.64	21.23	23.00	21.30	22.05	20.76	20.63	20.82	21.20	18.72	20.79	20.22	21.70	20.38	20.79	20.22	21.70	20.38
			1	99	1	0	28.70	27.20	26.43	23.48	28.70	27.19	26.65	23.55	28.70	27.20	26.57	23.57	28.70	27.10	26.48	23.68	28.70	27.10	26.48	23.68
	2587.6	2604.7	1	99	1	0	26.70	25.49	25.59	22.44	26.55	25.68	25.53	22.60	26.70	25.45	25.48	22.86	26.70	25.46	25.41	23.06	26.70	25.46	25.41	23.06
			100	0	75	0	27.70	25.92	23.64	21.75	28.00	26.50	25.76	22.91	27.70	25.93	25.51	22.63	26.55	25.11	24.46	21.61	26.55	25.11	24.46	21.61
			100	0	75	0	25.70	24.14	24.69	21.45	26.00	24.92	24.50	21.55	25.67	24.44	24.46	22.29	24.70	23.42	23.02	19.78	24.70	23.42	23.02	19.78

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	Size	Offset	Size	Offset	ANT 14				ANT 1				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	27.70	25.44	25.62	22.52	28.00	26.28	25.89	22.86	26.20	24.60	24.00	20.45	26.70	25.00	24.65	21.56	26.70	25.00	24.65	21.56
			1	0	1	99	14.30	14.70	13.84	13.80	13.29	13.32	14.09	15.00	13.20	12.78	12.29	12.68	13.05	13.34	13.70	13.08	13.05	13.34	13.70	13.08
			100	0	100	0	22.60	22.42	22.70	21.46	22.88	23.00	22.77	21.45	20.52	21.13	21.20	20.65	21.07	20.93	21.02	21.70	21.07	20.93	21.02	21.70
			1	99	1	0	28.70	27.20	26.40	23.68	28.70	27.15	26.65	23.49	28.70	27.20	26.47	23.61	28.70	27.20	26.64	23.48	28.70	27.20	26.64	23.48
			1	0	1	99	19.82	20.20	19.94	19.50	20.00	19.35	18.62	20.20	20.20	19.39	19.50	19.49	19.43	19.51	20.20	19.88	19.43	19.51	20.20	19.88
			100	0	100	0	26.70	24.77	25.20	22.32	26.70	25.17	25.23	22.05	26.70	25.28	25.57	22.55	26.70	25.32	25.50	22.61	26.70	25.32	25.50	22.61
	2585.1	2604.9	1	99	1	0	27.70	25.93	25.68	22.50	27.73	26.48	25.98	23.00	27.70	25.92	25.52	22.61	26.70	25.09	24.68	21.49	26.70	25.09	24.68	21.49
			1	0	1	99	18.90	19.20	19.01	18.41	18.50	17.22	18.98	19.50	19.17	18.74	19.20	19.01	17.58	15.84	18.20	17.79	17.58	15.84	18.20	17.79
			100	0	100	0	25.70	24.58	24.44	21.84	26.00	24.73	24.30	22.48	25.69	24.49	24.47	21.67	24.70	23.49	23.45	20.76	24.70	23.49	23.45	20.76
			1	99	1	0	28.70	27.20	26.40	23.68	28.70	27.15	26.65	23.49	28.70	27.20	26.47	23.61	28.70	27.20	26.64	23.48	28.70	27.20	26.64	23.48
			1	0	1	99	19.82	20.20	19.94	19.50	20.00	19.35	18.62	20.20	20.20	19.39	19.50	19.49	19.43	19.51	20.20	19.88	19.43	19.51	20.20	19.88
			100	0	100	0	26.70	24.77	25.20	22.32	26.70	25.17	25.23	22.05	26.70	25.28	25.57	22.55	26.70	25.32	25.50	22.61	26.70	25.32	25.50	22.61
2660.2	2680.0	2680.0	1	99	1	0	27.70	25.93	25.68	22.50	27.73	26.48	25.98	23.00	27.70	25.92	25.52	22.61	26.70	25.09	24.68	21.49	26.70	25.09	24.68	21.49
			1	0	1	99	18.90	19.20	19.01	18.41	18.50	17.22	18.98	19.50	19.17	18.74	19.20	19.01	17.58	15.84	18.20	17.79	17.58	15.84	18.20	17.79
			100	0	100	0	25.70	24.58	24.44	21.84	26.00	24.73	24.30	22.48	25.69	24.49	24.47	21.67	24.70	23.49	23.45	20.76	24.70	23.49	23.45	20.76

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 was 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.

Note: If Keysight PXA support both AC and DC coupling, then there will be a warning condition message appearing on the status line "DC coupled". This warning message does not affect test results.

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	4.522	5.20
	5MHz, 16QAM			4.525	5.23
	10MHz, QPSK	50/0		9.006	10.02
	10MHz, 16QAM			9.024	10.05
	15MHz, QPSK	75/0		13.501	14.95
	15MHz, 16QAM			13.488	14.88
	20MHz, QPSK	100/0		17.977	19.75
	20MHz, 16QAM			17.983	19.84
	20MHz, QPSK	1/0		0.261	0.45

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	4.515	5.28
	5MHz, QPSK			4.518	5.78
	5MHz, 16QAM			4.516	5.71
	10MHz, BPSK	50/0		8.991	10.04
	10MHz, QPSK			9.010	10.04
	10MHz, 16QAM			8.996	10.56
	15MHz, BPSK	75/0		13.470	15.23
	15MHz, QPSK			13.475	14.71
	15MHz, 16QAM			13.472	14.82
	20MHz, BPSK	100/0		17.969	19.19
	20MHz, QPSK			17.942	19.67
	20MHz, 16QAM			17.939	19.64
	25MHz, BPSK	128/0		22.928	24.42
	25MHz, QPSK			22.974	25.20
	25MHz, 16QAM			22.953	25.39
	30MHz, BPSK	160/0		28.595	30.48
	30MHz, QPSK			28.585	30.72
	30MHz, 16QAM			28.597	30.29
	35MHz, BPSK	180/0		32.178	33.89
	35MHz, QPSK			32.206	34.46
	35MHz, 16QAM			32.212	34.38
	40MHz, BPSK	216/0		38.583	40.60
	40MHz, QPSK			38.575	41.09
	40MHz, 16QAM			38.599	40.66
	50MHz, BPSK	270/0		48.292	50.82
	50MHz, QPSK			48.292	50.80
	50MHz, 16QAM			48.240	50.77
	50MHz, BPSK	1/0		0.298	0.48

ULCA LTE BAND 7

Band	Mode	RB Allocation/RB Offset	f (MHz)	99% BW (MHz)	- 26dB BW (MHz)
ULCA LTE BAND 7	10MHz + 20MHz, QPSK	50/0 + 100/0	2535	28.194	30.50
	10MHz + 20MHz, 16QAM			28.163	30.28
	20MHz + 10MHz, QPSK	100/0 + 50/0		28.165	30.51
	20MHz + 10MHz,16QAM			28.117	30.26
	15MHz + 15MHz, QPSK	75/0 + 75/0		28.711	31.12
	15MHz + 15MHz, 16QAM			28.694	31.06
	15MHz + 20MHz, QPSK	75/0 + 100/0		33.024	35.50
	15MHz + 20MHz, 16QAM			32.934	35.47
	20MHz + 15MHz, QPSK	100/0 + 75/0		32.961	35.58
	20MHz + 15MHz, 16QAM			32.895	35.44
	20MHz + 20MHz, QPSK	100/0 + 100/0		37.869	40.56
	20MHz + 20MHz, 16QAM			37.841	40.45

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	4.509	5.08
	5MHz, 16QAM			4.511	5.17
	10MHz, QPSK	50/0		8.999	10.08
	10MHz, 16QAM			8.992	10.27
	15MHz, QPSK	75/0		13.496	15.29
	15MHz, 16QAM			13.516	15.54
	20MHz, QPSK	100/0		18.000	19.68
	20MHz, 16QAM			17.988	19.68
	20MHz, QPSK	1/0		0.282	0.43

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	8.686	10.09
	10MHz, QPSK			8.701	10.16
	10MHz, 16QAM			8.704	10.15
	15MHz, BPSK	36/0		13.002	14.57
	15MHz, QPSK			13.018	14.73
	15MHz, 16QAM			12.964	14.75
	20MHz, BPSK	50/0		18.039	19.59
	20MHz, QPSK			17.953	19.92
	20MHz, 16QAM			17.982	19.82
	25MHz, BPSK	64/0		23.022	25.03
	25MHz, QPSK			23.003	25.18
	25MHz, 16QAM			23.004	24.90
	30MHz, BPSK	75/0		26.952	28.99
	30MHz, QPSK			26.948	29.24
	30MHz, 16QAM			26.982	29.27
	35MHz, BPSK	90/0		32.317	34.55
	35MHz, QPSK			32.312	34.76
	35MHz, 16QAM			32.271	34.64
	40MHz, BPSK	100/0		35.927	38.35
	40MHz, QPSK			35.903	38.52
	40MHz, 16QAM			35.887	38.32
	45MHz, BPSK	108/0		38.784	41.49
	45MHz, QPSK			38.763	41.43
	45MHz, 16QAM			38.730	41.46
	50MHz, BPSK	128/0		45.915	48.95
	50MHz, QPSK			45.912	49.02
	50MHz, 16QAM			45.878	48.79
	60MHz, BPSK	162/0		58.018	61.28
	60MHz, QPSK			57.934	61.19
	60MHz, 16QAM			57.949	61.31
	70MHz, BPSK	180/0		64.564	68.25
	70MHz, QPSK			64.479	68.29
	70MHz, 16QAM			64.529	68.43
	80MHz, BPSK	216/0		77.393	81.34
	80MHz, QPSK			77.309	81.39
	80MHz, 16QAM			77.340	81.27
	90MHz, BPSK	243/0		87.031	91.39
	90MHz, QPSK			87.039	91.70
	90MHz, 16QAM			86.980	91.63
	100MHz, BPSK	270/0		96.820	101.50
	100MHz, QPSK			96.639	101.67
	100MHz, 16QAM			96.709	101.66
	100MHz, BPSK	1/0		0.598	1.13

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, QPSK	25/0 + 100/0	2593	23.288	25.97
	5MHz + 20MHz, 16QAM			23.252	24.96
	20MHz + 5MHz, QPSK	100/0 + 25/0		23.270	25.09
	20MHz + 5MHz, 16QAM			23.251	25.07
	10MHz + 20MHz, QPSK	50/0 + 100/0		28.054	30.98
	10MHz + 20MHz, 16QAM			28.046	29.98
	20MHz + 10MHz, QPSK	100/0 + 50/0		28.057	29.93
	20MHz + 10MHz, 16QAM			28.031	30.01
	15MHz + 15MHz, QPSK	75/0 + 75/0		28.625	30.79
	15MHz + 15MHz, 16QAM			28.724	32.53
	15MHz + 20MHz, QPSK	75/0 + 100/0		32.830	35.35
	15MHz + 20MHz, 16QAM			33.012	35.03
	20MHz + 15MHz, QPSK	100/0 + 75/0		32.864	34.95
	20MHz + 15MHz, 16QAM			32.879	37.60
	20MHz + 20MHz, QPSK	100/0 + 100/0		37.809	39.88
	20MHz + 20MHz, 16QAM			37.699	40.15

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	4.509	5.24
	5MHz, 16QAM			4.511	5.18
	10MHz, QPSK	50/0		9.007	10.13
	10MHz, 16QAM			8.992	10.23
	15MHz, QPSK	75/0		13.479	16.26
	15MHz, 16QAM			13.476	14.94
	20MHz, QPSK	100/0		17.964	20.44
	20MHz, 16QAM			17.993	20.79
	20MHz, QPSK	1/0		0.270	0.44

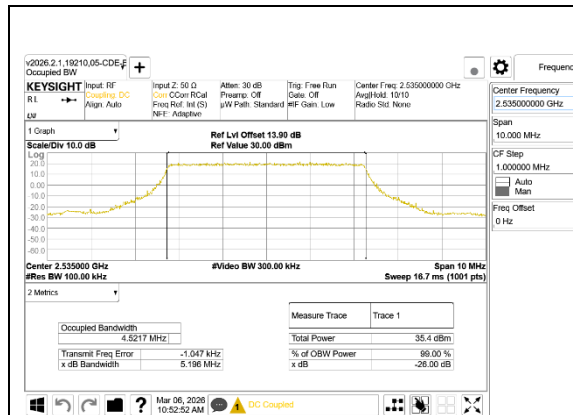
5G NR n41 (IC)

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
5G NR n41 (IC)	10MHz, BPSK	24/0	2595.0	8.663	10.05
	10MHz, QPSK			8.671	10.13
	10MHz, 16QAM			8.674	10.08
	15MHz, BPSK	36/0		13.033	14.39
	15MHz, QPSK			12.989	14.65
	15MHz, 16QAM			12.976	14.64
	20MHz, BPSK	50/0		18.021	19.79
	20MHz, QPSK			17.983	19.77
	20MHz, 16QAM			17.995	19.80
	25MHz, BPSK	64/0		23.011	24.96
	25MHz, QPSK			23.023	24.91
	25MHz, 16QAM			23.028	25.17
	30MHz, BPSK	75/0		26.945	29.07
	30MHz, QPSK			27.026	29.21
	30MHz, 16QAM			26.955	29.11
	35MHz, BPSK	90/0		32.300	34.64
	35MHz, QPSK			32.224	34.67
	35MHz, 16QAM			32.260	34.67
	40MHz, BPSK	100/0		35.869	38.37
	40MHz, QPSK			35.873	38.37
	40MHz, 16QAM			35.887	38.48
	45MHz, BPSK	108/0		38.778	41.53
	45MHz, QPSK			38.793	41.49
	45MHz, 16QAM			38.765	41.48
	50MHz, BPSK	128/0		45.893	48.82
	50MHz, QPSK			45.825	48.99
	50MHz, 16QAM			45.891	48.80
	60MHz, BPSK	162/0		58.070	61.27
	60MHz, QPSK			58.016	61.55
	60MHz, 16QAM			57.927	61.25
	70MHz, BPSK	180/0		64.536	68.16
	70MHz, QPSK			64.505	68.48
	70MHz, 16QAM			64.579	68.31
	80MHz, BPSK	216/0		77.334	81.43
	80MHz, QPSK			77.370	81.43
	80MHz, 16QAM			77.418	81.50
	90MHz, BPSK	243/0		86.918	91.35
	90MHz, QPSK			87.087	91.56
	90MHz, 16QAM			86.951	91.61
	100MHz, BPSK	270/0		96.669	101.50
	100MHz, QPSK			96.689	101.72
	100MHz, 16QAM			96.808	101.66
	100MHz, BPSK	1/0		0.598	1.09

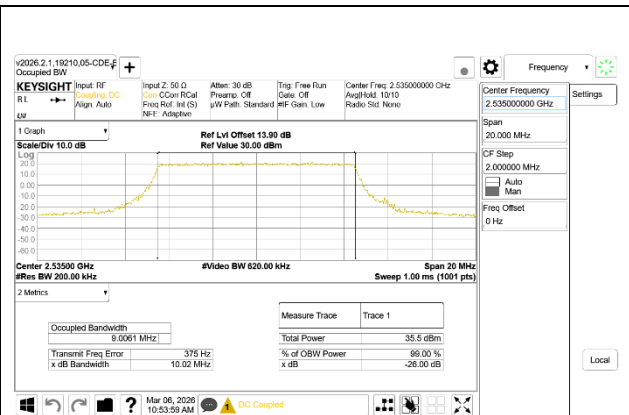
ULCA LTE BAND 41 (IC)

Band	Mode	RB Allocation/RB Offset	f (MHz)	99% BW (MHz)	- 26dB BW (MHz)
ULCA LTE BAND 41 (IC)	5MHz + 20MHz, QPSK	25/0 + 100/0	2595	23.273	26.80
	5MHz + 20MHz, 16QAM			23.321	25.35
	20MHz + 5MHz, QPSK	100/0 + 25/0		23.360	25.03
	20MHz + 5MHz, 16QAM			23.221	24.89
	10MHz + 20MHz, QPSK	50/0 + 100/0		28.060	32.98
	10MHz + 20MHz, 16QAM			28.097	30.11
	20MHz + 10MHz, QPSK	100/0 + 50/0		28.015	34.20
	20MHz + 10MHz, 16QAM			27.987	31.25
	15MHz + 15MHz, QPSK	75/0 + 75/0		28.634	30.62
	15MHz + 15MHz, 16QAM			28.601	33.60
	15MHz + 20MHz, QPSK	75/0 + 100/0		32.800	35.14
	15MHz + 20MHz, 16QAM			32.935	36.95
	20MHz + 15MHz, QPSK	100/0 + 75/0		32.869	37.26
	20MHz + 15MHz, 16QAM			32.828	35.04
	20MHz + 20MHz, QPSK	100/0 + 100/0		37.661	42.42
	20MHz + 20MHz, 16QAM			37.726	39.97

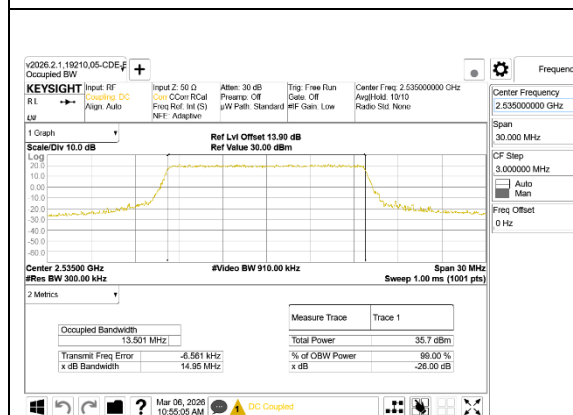
9.1.1. LTE BAND 7



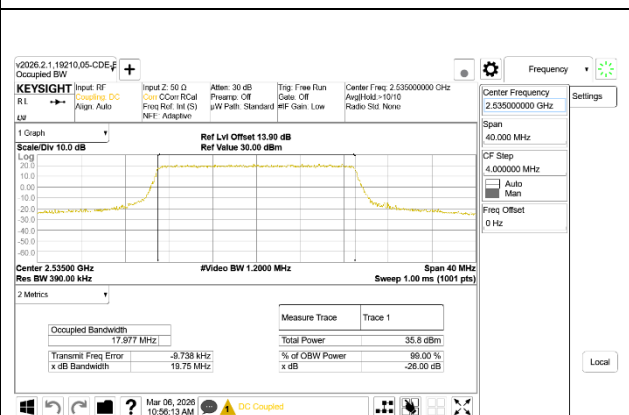
LTE B7 5MHz QPSK Middle Channel RB25-0



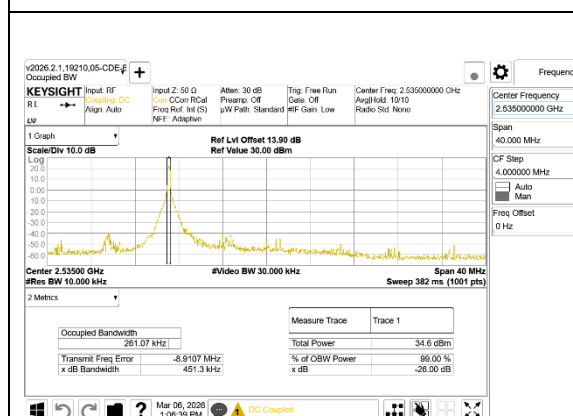
LTE B7 10MHz QPSK Middle Channel RB50-0



LTE B7 15MHz QPSK Middle Channel RB75-0



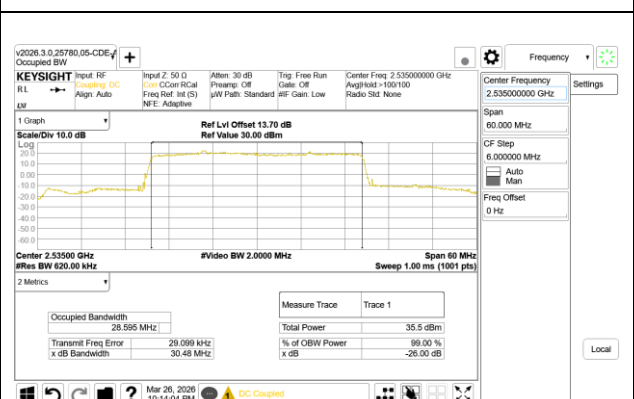
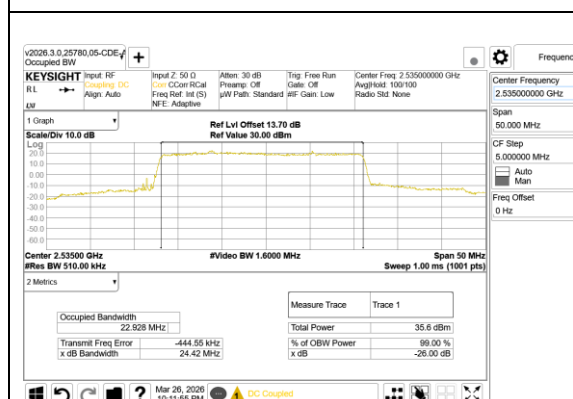
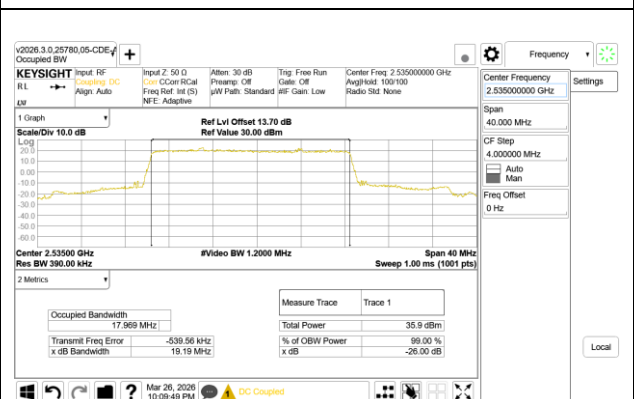
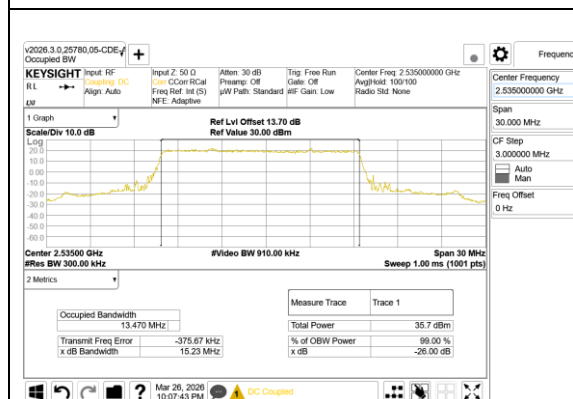
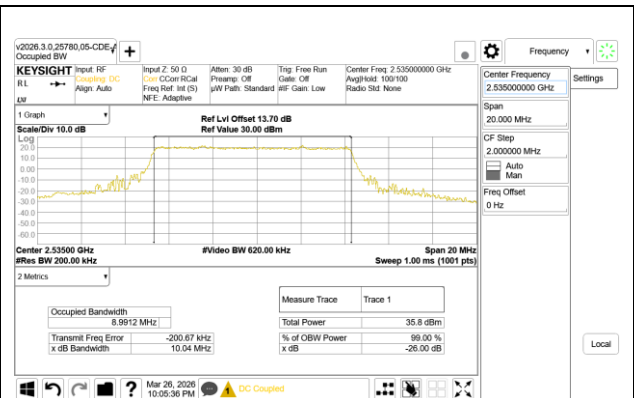
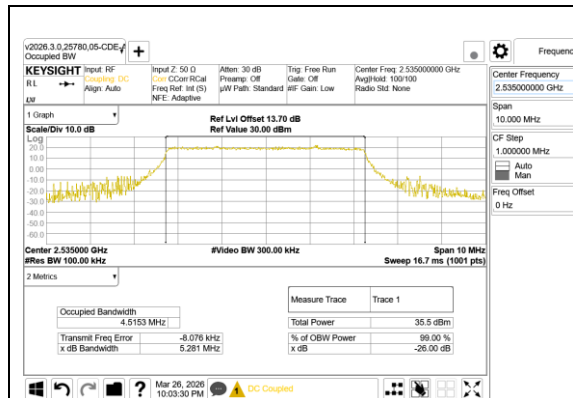
LTE B7 20MHz QPSK Middle Channel RB100-0

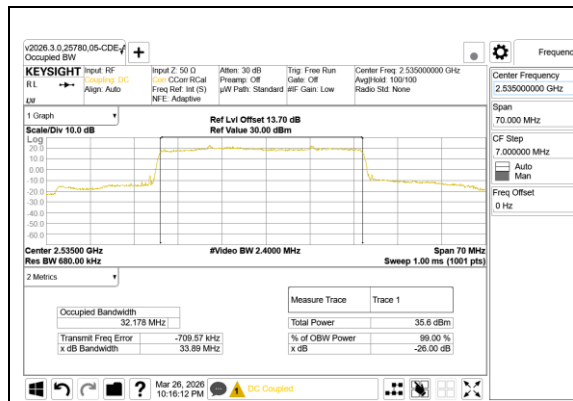


LTE B7 20MHz QPSK Middle Channel RB1-0

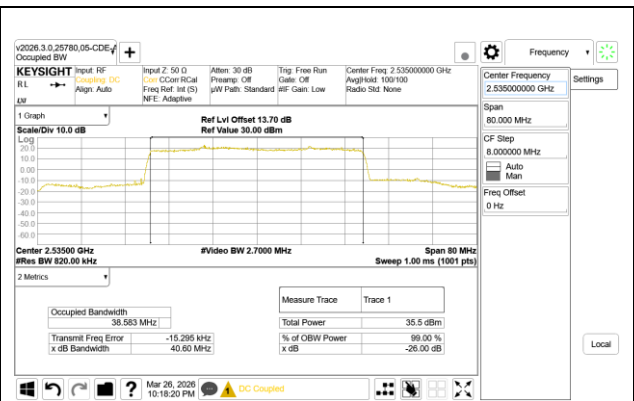
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9.1.2. 5G NR n7

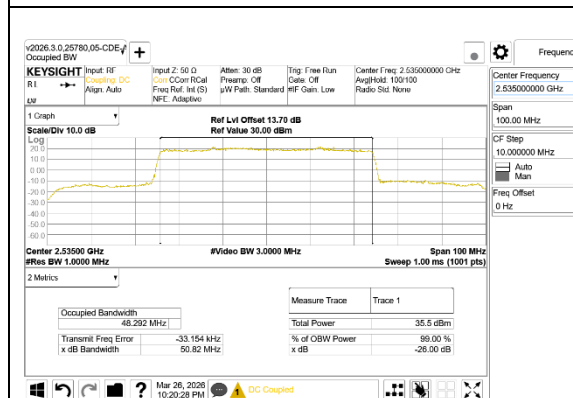




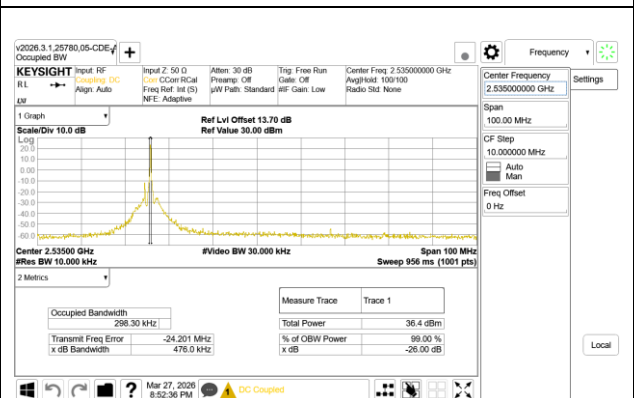
5G NR n7 35MHz BPSK Middle Channel RB180-0



5G NR n7 40MHz BPSK Middle Channel RB216-0



5G NR n7 50MHz BPSK Middle Channel RB270-0

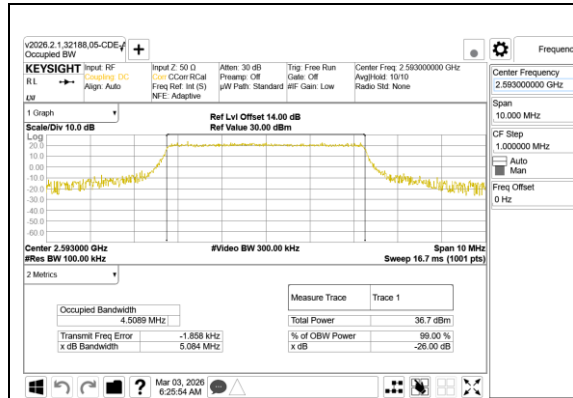


5G NR n7 50MHz BPSK Middle Channel RB1-0

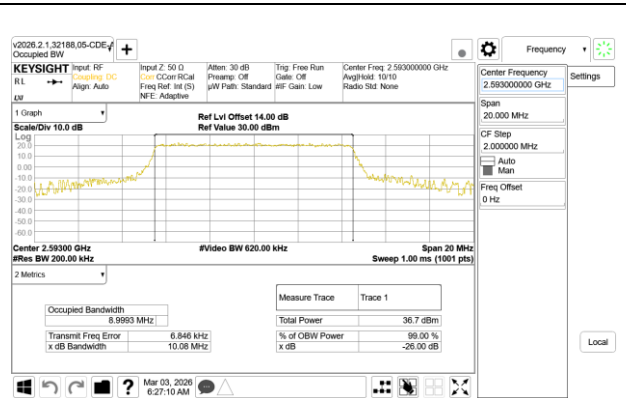
9.1.3. ULCA LTE BAND 7



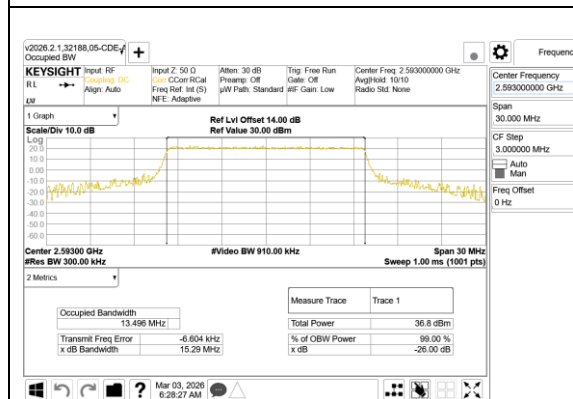
9.1.4. LTE BAND 41 (FCC)



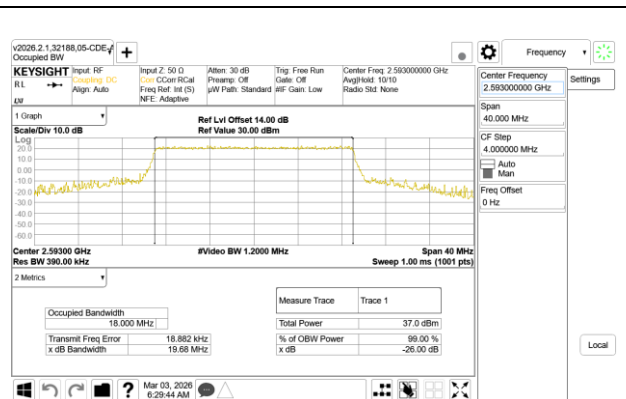
LTE B41 5MHz QPSK Middle Channel RB25-0



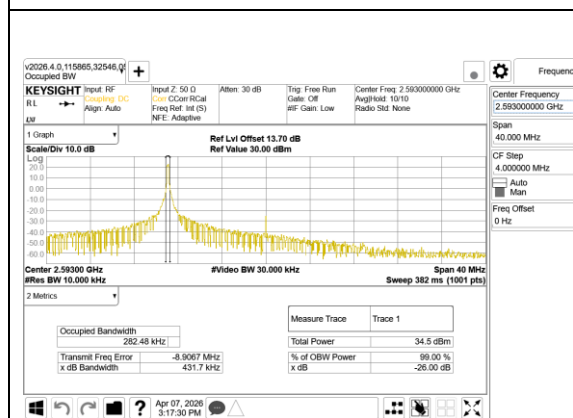
LTE B41 10MHz QPSK Middle Channel RB50-0



LTE B41 15MHz QPSK Middle Channel RB75-0



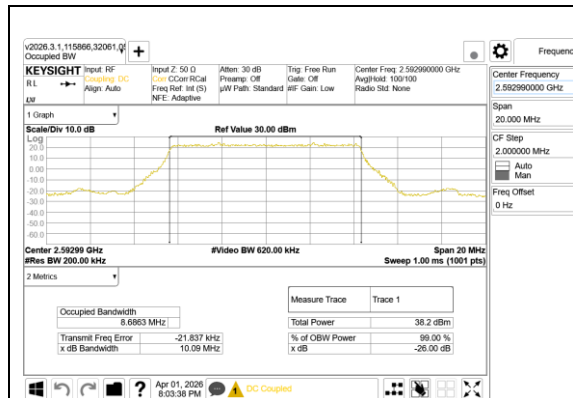
LTE B41 20MHz QPSK Middle Channel RB100-0



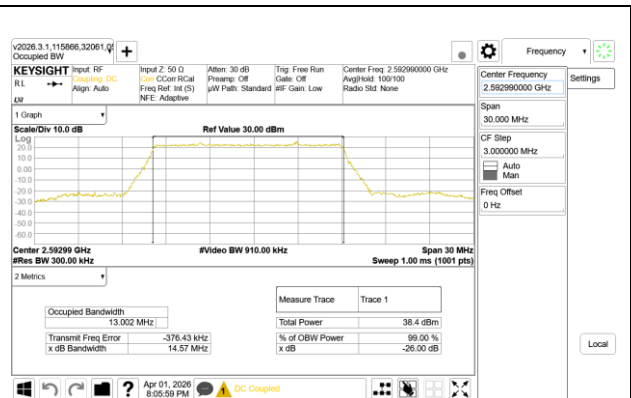
LTE B41 20MHz QPSK Middle Channel RB1-0

Intentionally Blank

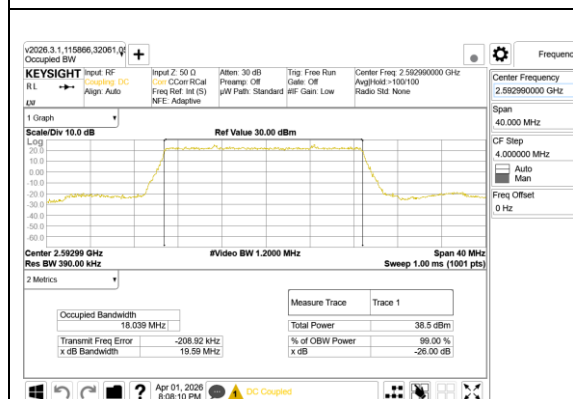
9.1.5. 5G NR n41 (FCC)



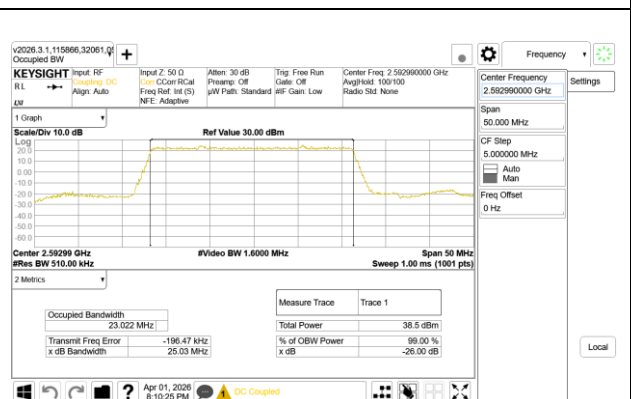
5G NR n41 10MHz BPSK Middle Channel RB24-0



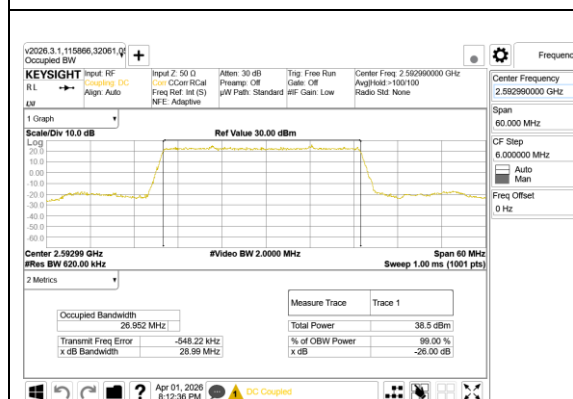
5G NR n41 15MHz BPSK Middle Channel RB36-0



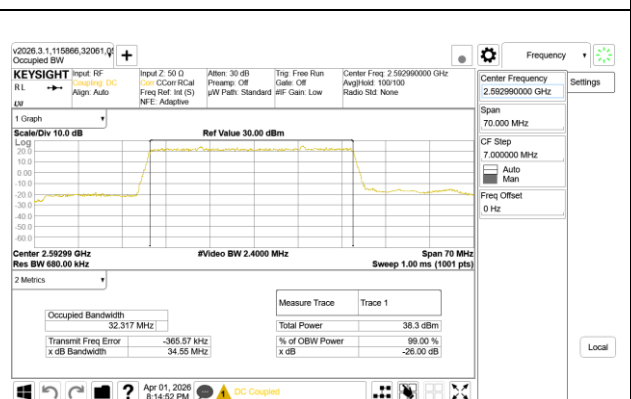
5G NR n41 20MHz BPSK Middle Channel RB50-0



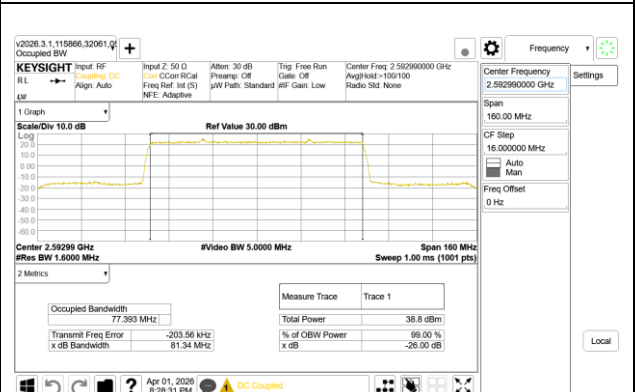
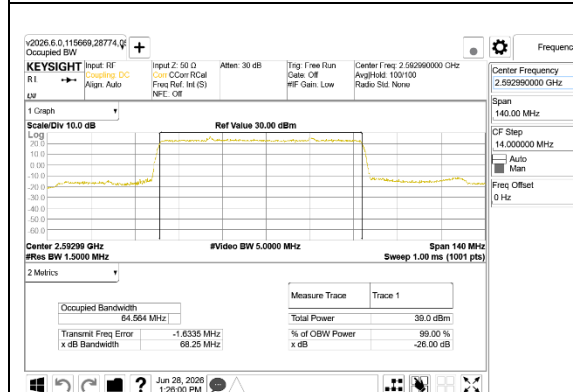
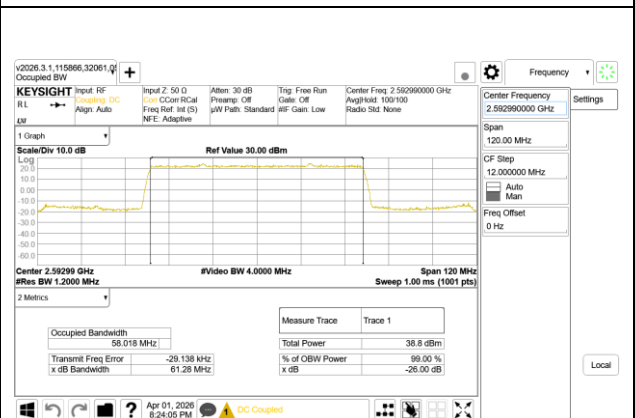
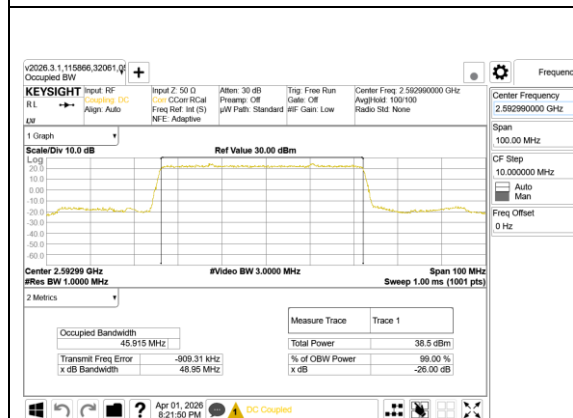
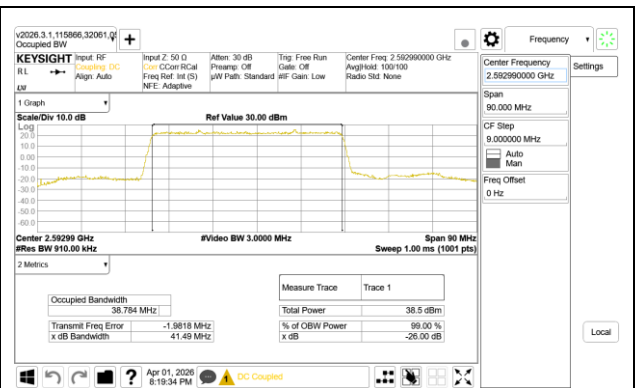
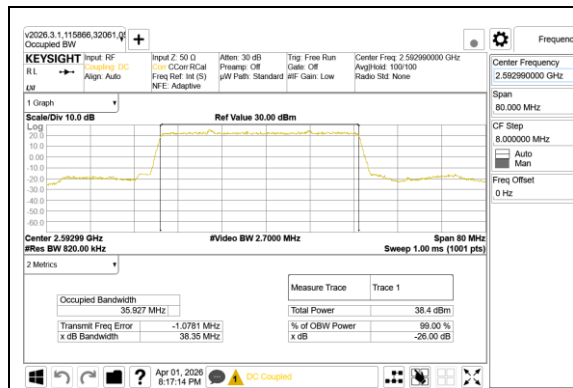
5G NR n41 25MHz BPSK Middle Channel RB64-0

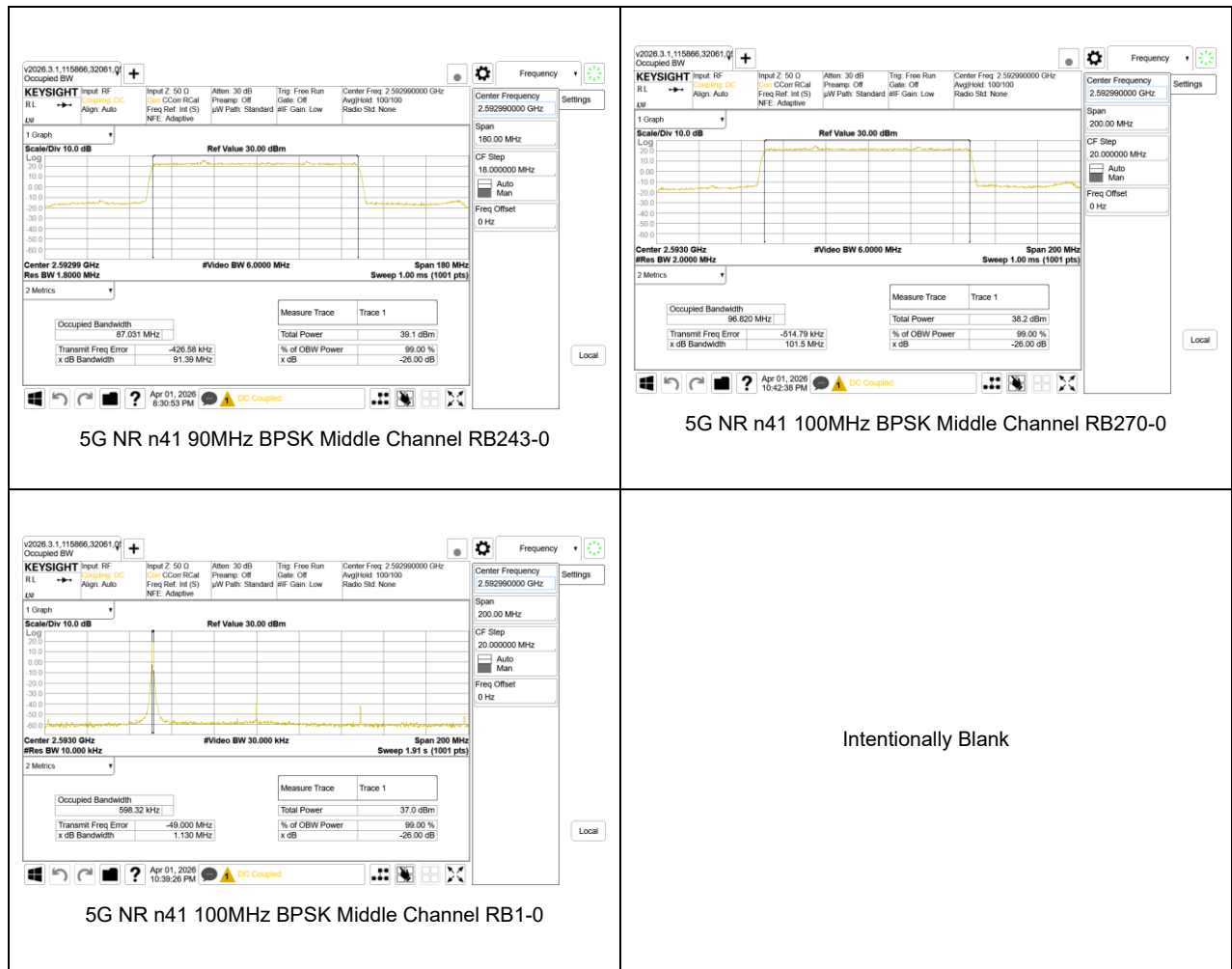


5G NR n41 30MHz BPSK Middle Channel RB75-0

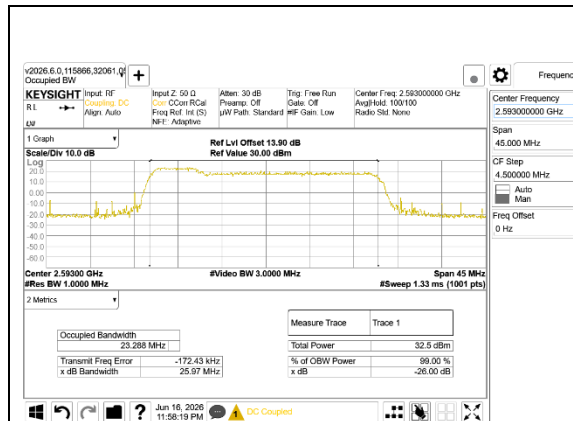


5G NR n41 35MHz BPSK Middle Channel RB90-0

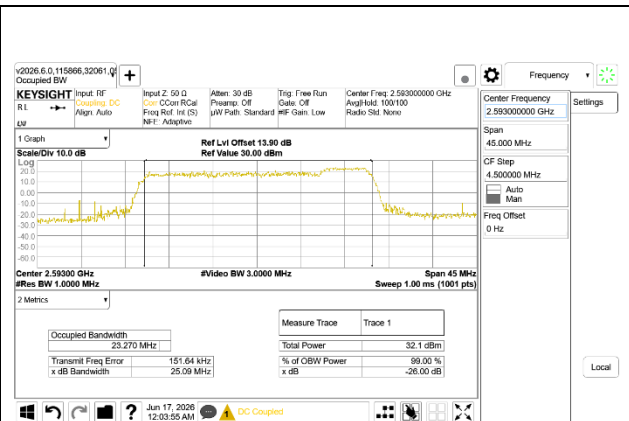




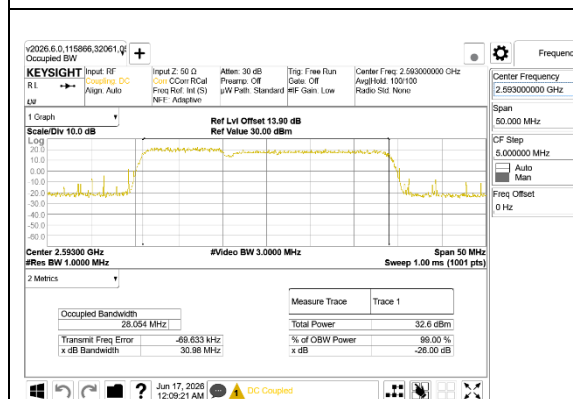
9.1.6. ULCA LTE BAND 41 (FCC)



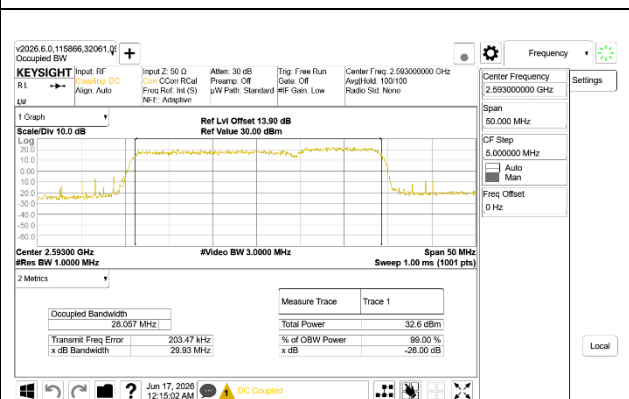
ULCA LTE B41 5MHz + 20MHz QPSK RB25-0 + RB100-0



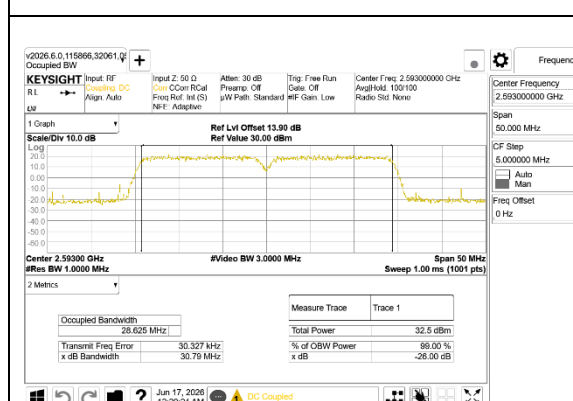
ULCA LTE B41 20MHz + 5MHz QPSK RB100-0 + RB25-0



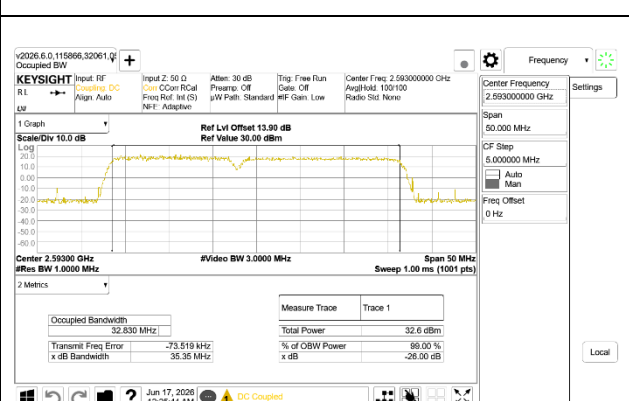
ULCA LTE B41 10MHz + 20MHz QPSK RB50-0 + RB100-0



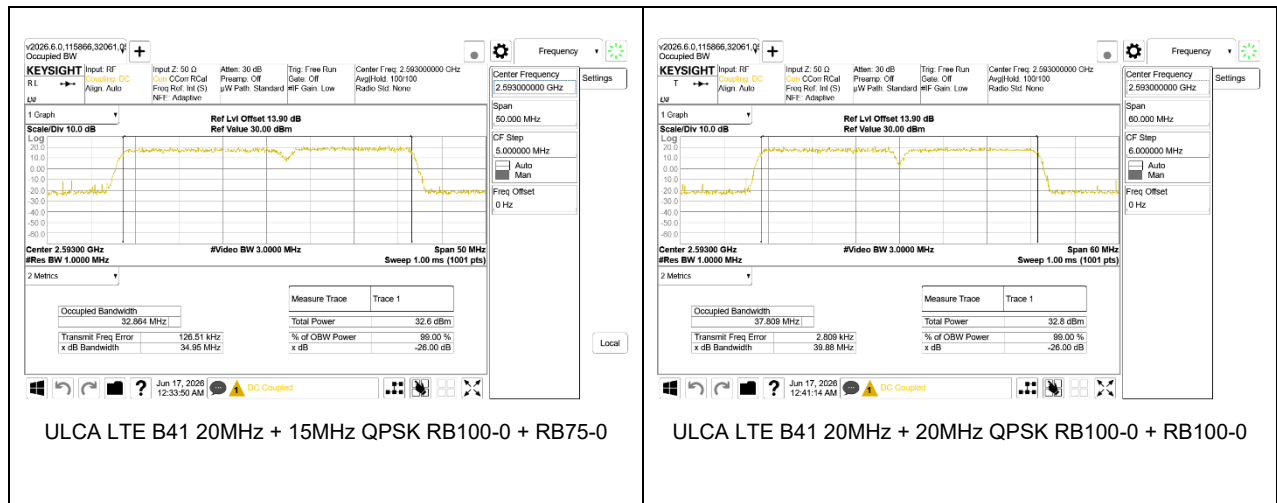
ULCA LTE B41 20MHz + 10MHz QPSK RB100-0 + RB50-0



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



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

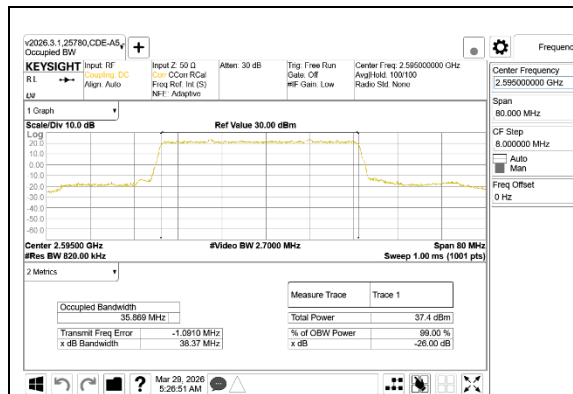


9.1.7. LTE BAND 41 (IC)

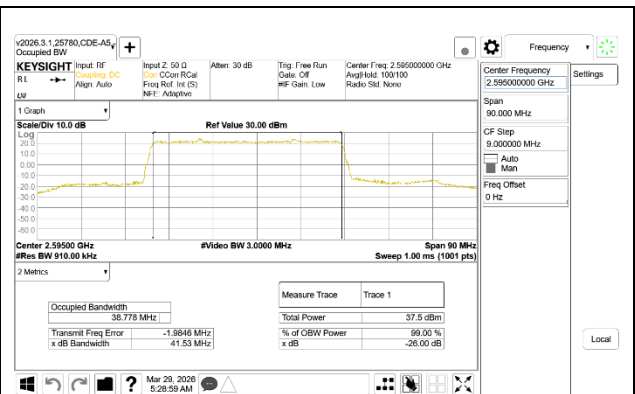


9.1.8. 5G NR n41 (IC)

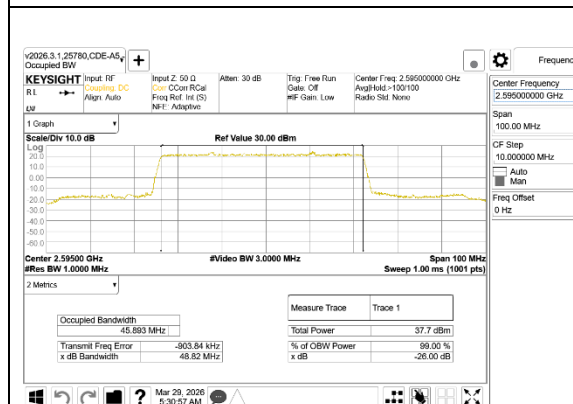




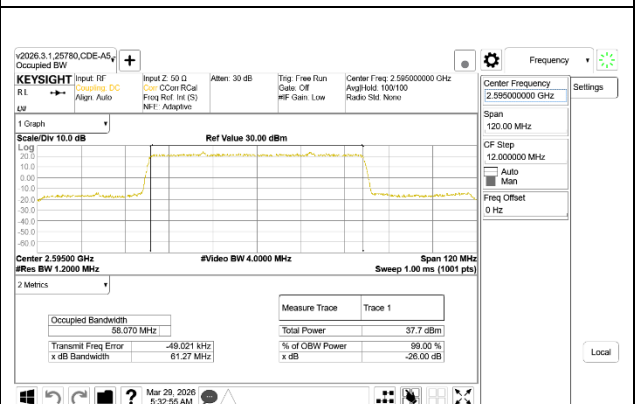
5G NR n41 40MHz BPSK Middle Channel RB100-0



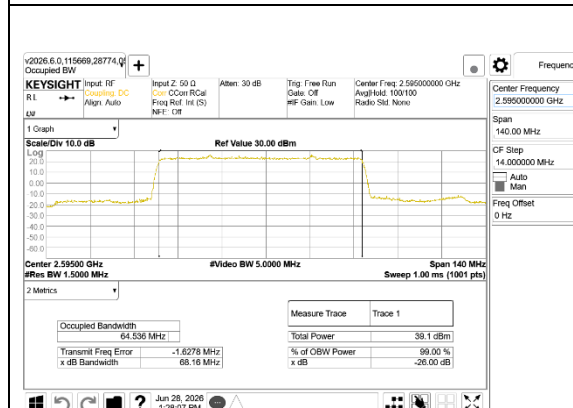
5G NR n41 45MHz BPSK Middle Channel RB108-0



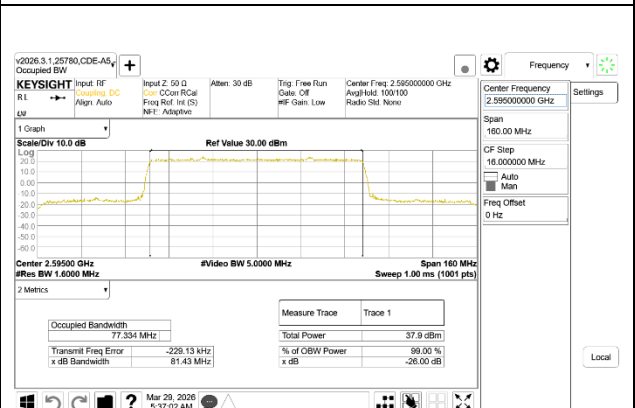
5G NR n41 50MHz BPSK Middle Channel RB128-0



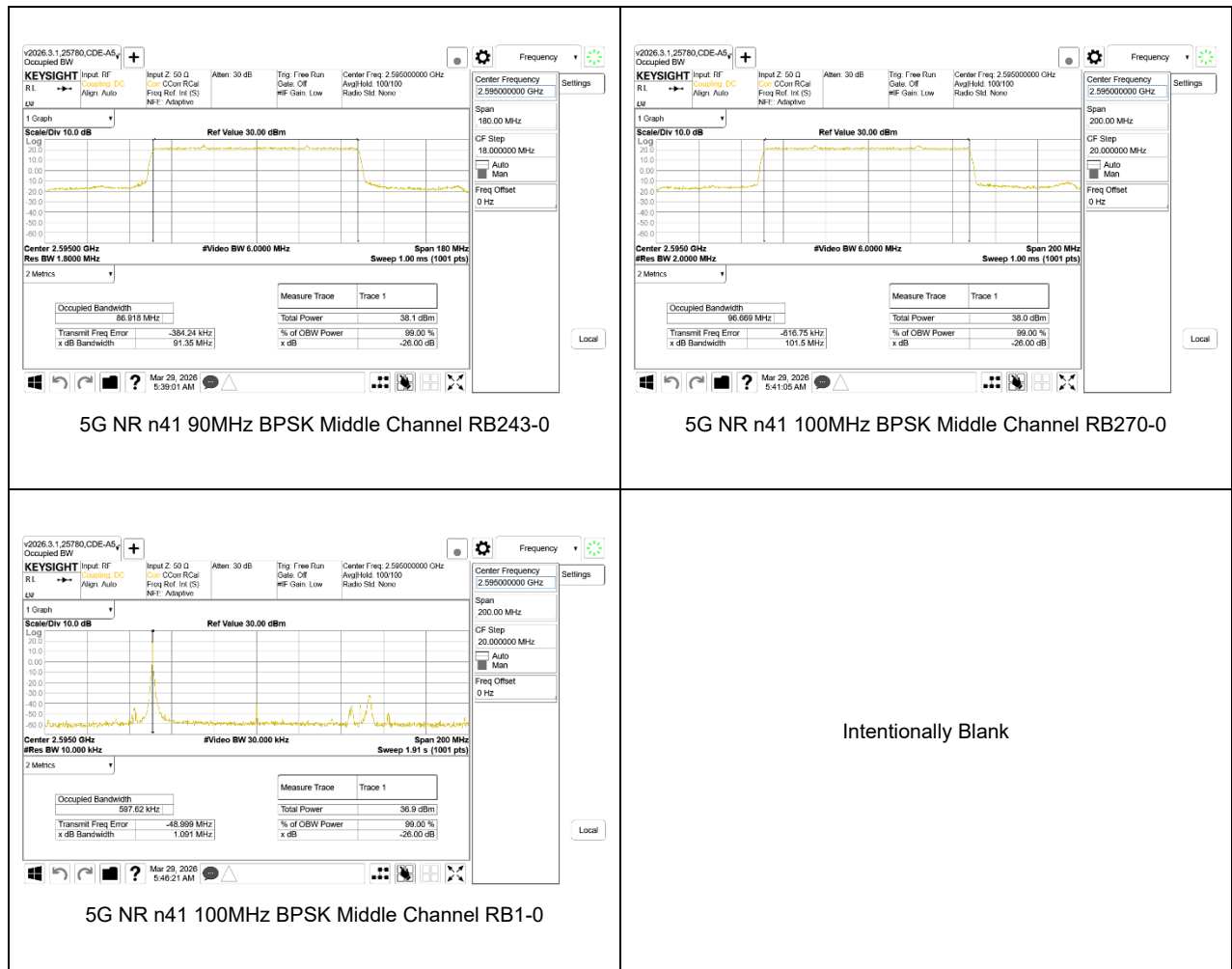
5G NR n41 60MHz BPSK Middle Channel RB162-0



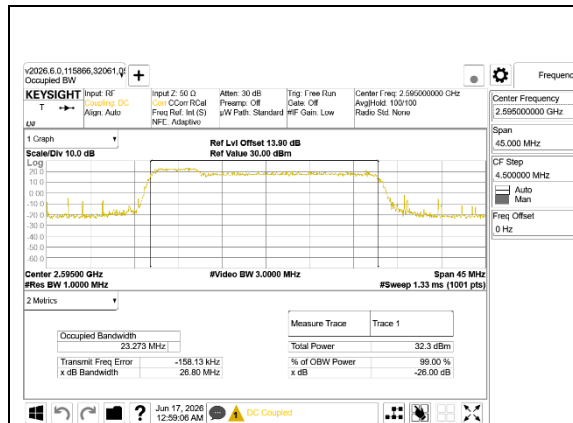
5G NR n41 70MHz BPSK Middle Channel RB180-0



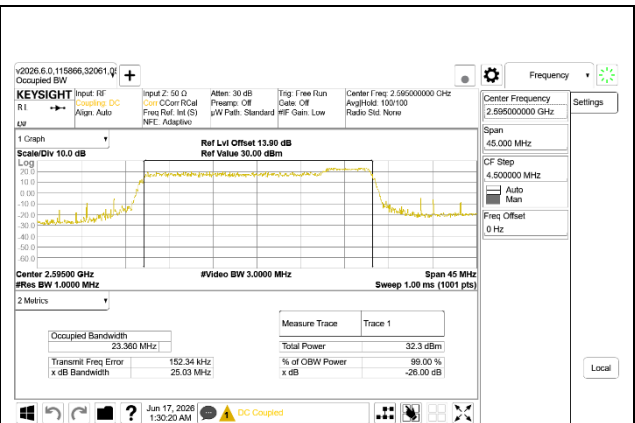
5G NR n41 80MHz BPSK Middle Channel RB216-0



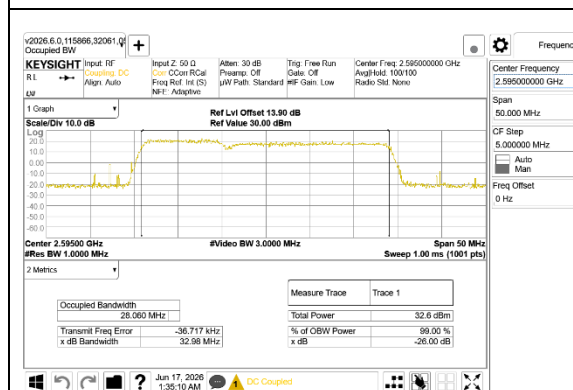
9.1.9. ULCA LTE BAND 41 (IC)



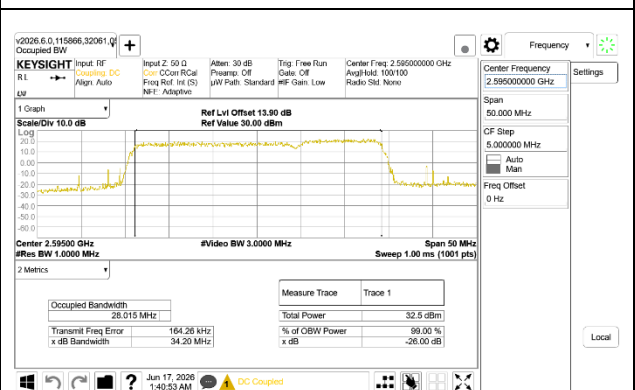
ULCA LTE B41 5MHz + 20MHz QPSK RB25-0 + RB100-0



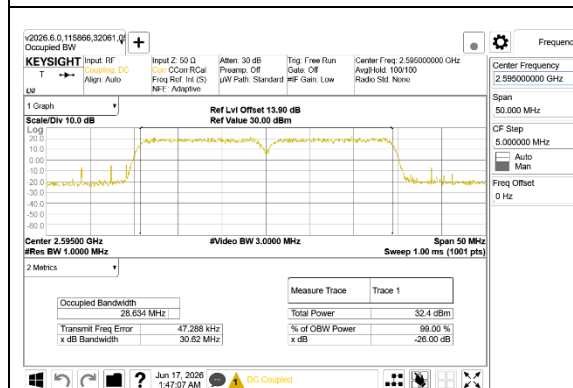
ULCA LTE B41 20MHz + 5MHz QPSK RB100-0 + RB25-0



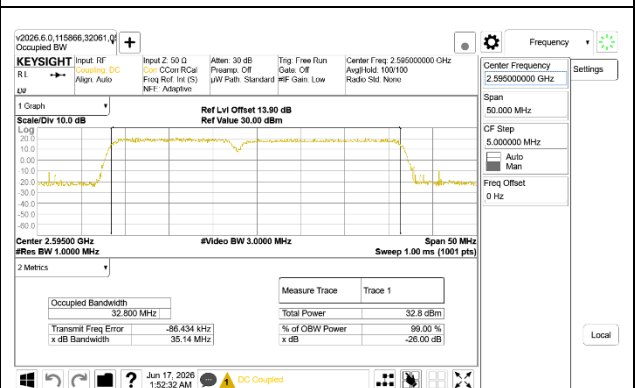
ULCA LTE B41 10MHz + 20MHz QPSK RB50-0 + RB100-0



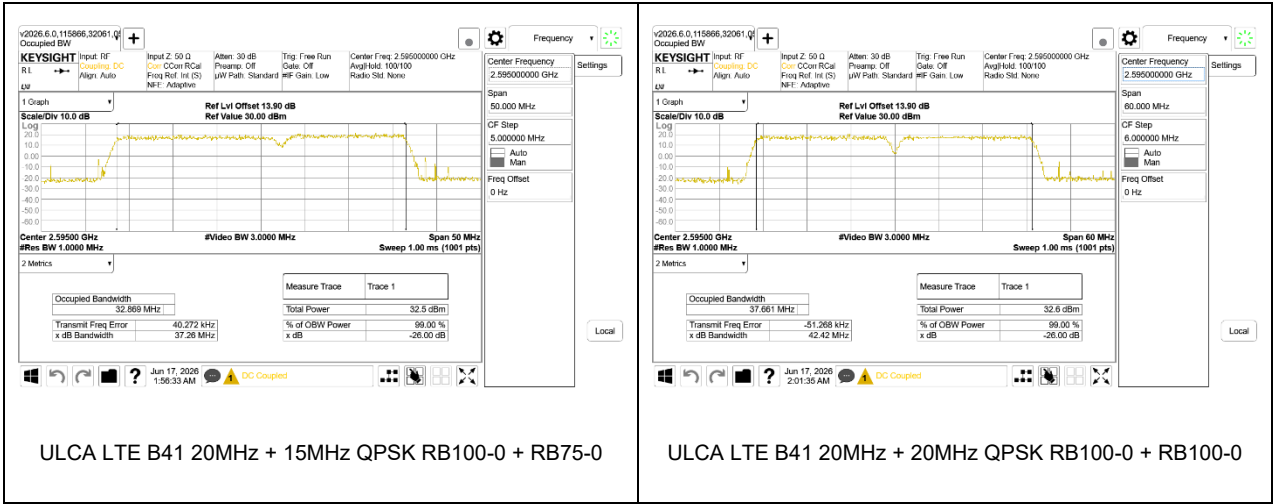
ULCA LTE B41 20MHz + 10MHz QPSK RB100-0 + RB50-0



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.

For MIMO modes are made using the measure and sum the spectra method E3)a)ii) / E)2)a) from KDB 662911 D01. The measurements for each antenna are stored in separate traces (i.e. trace 1/port A and trace 2/port B). The spectrum analyzer's math function is used to perform a linear sum of powers of the two traces and store the result in trace 3/port A+B). Trace 3/port A+B is compared to the in-band or out of band limit as applicable.

RESULTS

Note: If Keysight PXA support both AC and DC coupling, then there will be a warning condition message appearing on the status line "DC coupled". This warning message does not affect test results.