

TEST REPORT

Report Number: 15496224-E29V5

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

Model : A3256

Brand : APPLE

FCC ID : BCG-E8949A

IC : 579C-E8949A

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	2025-07-03	Initial Review	--
V2	2025-07-16	Upated Section 6.2 and 6.4	Eric Ting
V3	2025-07-20	Upated Section 5, 6.4	Eric Ting
V4	2025-07-27	Updated MIMO Test Method at Section 3, 8, 9.2, and 9.3	Mengistu Mekuria
V5	2025-08-15	Revise section 6.5	Mengistu Mekuria

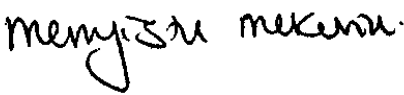
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1. ATTESTATION OF TEST RESULTS

Applicant Name and Address	APPLE, INC 1 APPLE PARK WAY CUPERTINO, CA 95014, U.S.A	
Model	A3256	
Brand	APPLE	
FCC ID	BCG-E8949A	
IC	579C-E8949A	
EUT Description	SMARTPHONE	
Serial Number	RADIATED: N4QD07QXJ9, CP2H9NGP6C CONDUCTED: C07HG80000L0000WGT, C07HG80000T0000WGT	
Sample Receipt Date	2024-11-25	
Date Tested	2024-11-25 to 2025-06-22	
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 Laboratory Engineer UL Verification Services Inc.	Eric Ting Senior Test Engineer UL Verification Services Inc.	Chris He Laboratory Engineer Associate 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 and type (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 The tests documented in this report were performed in accordance with the following.

FCC published lists of [measurement procedures](#) for compliance testing.

ISED published lists of [normative test standards and acceptable alternatives procedures](#).

- 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 below tables contain the highest of all configurations average conducted and ERP/EIRP output powers as follows:

LTE BAND 7

Part 27 / RSS 199									
EIRP Limit (W)		2.00							
Antenna Gain (dBi) (ANT3)		-1.00							
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	24.70	0.295	4.50	4498	4M50G7W
	16QAM			24.70	23.70	0.234	4.50	4502	4M50D7W
10.0	QPSK	2505.0	2565.0	25.70	24.70	0.295	8.99	8991	8M99G7W
	16QAM			24.70	23.70	0.234	8.96	8959	8M96D7W
15.0	QPSK	2507.5	2562.5	25.70	24.70	0.295	13.46	13455	13M5G7W
	16QAM			24.70	23.70	0.234	13.46	13462	13M5D7W
20.0	QPSK	2510.0	2560.0	25.70	24.70	0.295	17.93	17934	17M9G7W
	16QAM			24.70	23.70	0.234	17.96	17957	18M0D7W

5G NR n7

Part 27/ RSS199									
EIRP Limit (W)		2.00							
Antenna Gain (dBi) (ANT3)		-1.00							
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	24.70	0.295	4.493	4493	4M49G7W
	QPSK			25.69	24.69	0.294	4.500	4500	4M50G7W
	16QAM			24.59	23.59	0.229	4.513	4513	4M51D7W
10.0	BPSK	2505.0	2565.0	25.70	24.70	0.295	8.997	8997	9M00G7W
	QPSK			25.68	24.68	0.294	8.960	8960	8M96G7W
	16QAM			24.55	23.55	0.226	8.979	8979	8M98D7W
15.0	BPSK	2507.5	2562.5	25.70	24.70	0.295	13.489	13489	13M5G7W
	QPSK			25.69	24.69	0.294	13.474	13474	13M5G7W
	16QAM			24.50	23.50	0.224	13.439	13439	13M4D7W
20.0	BPSK	2510.0	2560.0	25.70	24.70	0.295	17.972	17972	18M0G7W
	QPSK			25.68	24.68	0.294	17.922	17922	17M9G7W
	16QAM			24.53	23.53	0.225	17.914	17914	17M9D7W
25.0	BPSK	2512.5	2557.5	25.70	24.70	0.295	22.992	22992	23M0G7W
	QPSK			25.68	24.68	0.294	22.992	22992	23M0G7W
	16QAM			24.59	23.59	0.229	22.899	22899	22M9D7W
30.0	BPSK	2515.0	2555.0	25.70	24.70	0.295	28.722	28722	28M7G7W
	QPSK			25.68	24.68	0.294	28.654	28654	28M7G7W
	16QAM			24.64	23.64	0.231	28.625	28625	28M6D7W
35.0	BPSK	2517.5	2552.5	25.70	24.70	0.295	32.240	32240	32M2G7W
	QPSK			25.68	24.68	0.294	32.170	32170	32M2G7W
	16QAM			24.66	23.66	0.232	32.215	32215	32M2D7W
40.0	BPSK	2520.0	2550.0	25.70	24.70	0.295	38.666	38666	38M7G7W
	QPSK			25.68	24.68	0.294	38.523	38523	38M5G7W
	16QAM			24.62	23.62	0.230	38.571	38571	38M6D7W
50.0	BPSK	2525.0	2545.0	25.70	24.70	0.295	48.251	48251	48M3G7W
	QPSK			25.68	24.68	0.294	47.992	47992	48M0G7W
	16QAM			24.61	23.61	0.230	47.919	47919	47M9D7W

ULCA LTE BAND 7

Part 27 / RSS 199									
EIRP Limit (W)		2.00							
Antenna Gain (dBi) (ANT3)		-1.00							
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	25.95	24.95	0.313	28.237	28237	28M2G7W
	16QAM			24.95	23.95	0.248	28.204	28204	28M2D7W
20+10	QPSK	2510.0	2564.5	25.95	24.95	0.313	28.257	28257	28M3G7W
	16QAM			24.89	23.89	0.245	28.213	28213	28M2D7W
15+15	QPSK	2507.5	2562.5	25.93	24.93	0.311	28.821	28821	28M8G7W
	16QAM			24.95	23.95	0.248	28.814	28814	28M8D7W
15+20	QPSK	2507.8	2560.0	25.95	24.95	0.313	33.011	33011	33M0G7W
	16QAM			24.93	23.93	0.247	33.025	33025	33M0D7W
20+15	QPSK	2510.0	2562.2	25.95	24.95	0.313	33.039	33039	33M0G7W
	16QAM			24.90	23.90	0.245	33.012	33012	33M0D7W
20+20	QPSK	2510.0	2560.0	25.95	24.95	0.313	37.865	37865	37M9G7W
	16QAM			24.89	23.89	0.245	37.815	37815	37M8D7W

LTE BAND 41 (FCC)

Part 27									
EIRP Limit (W)		2.00							
Antenna Gain (dBi) (ANT2)		-1.50							
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	27.20	0.525	4.504	4503.9	4M50G7W
	16QAM			27.70	26.20	0.417	4.489	4488.8	4M49D7W
10.0	QPSK	2501.0	2685.0	28.70	27.20	0.525	8.986	8986.2	8M99G7W
	16QAM			27.70	26.20	0.417	8.980	8979.7	8M98D7W
15.0	QPSK	2503.5	2682.5	28.70	27.20	0.525	13.461	13461	13M5G7W
	16QAM			27.70	26.20	0.417	13.447	13447	13M4D7W
20.0	QPSK	2506.0	2680.0	28.70	27.20	0.525	17.924	17924	17M9G7W
	16QAM			27.70	26.20	0.417	17.931	17931	17M9D7W

5G NR n41 (FCC SISO)

Part 27									
EIRP Limit (W)		2.00							
Antenna Gain (dBi) (ANT2)		-1.50							
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	27.20	0.525	8.647	8647	8M65G7W
	QPSK			28.64	27.14	0.518	8.645	8645	8M65G7W
	16QAM			27.45	25.95	0.394	8.661	8661	8M66D7W
15.0	BPSK	2503.5	2682.5	28.70	27.20	0.525	12.951	12951	13M0G7W
	QPSK			28.66	27.16	0.520	12.961	12961	13M0G7W
	16QAM			27.50	26.00	0.398	12.945	12945	12M9D7W
20.0	BPSK	2506.0	2680.0	28.70	27.20	0.525	17.929	17929	17M9G7W
	QPSK			28.65	27.15	0.519	17.922	17922	17M9G7W
	16QAM			27.61	26.11	0.408	17.929	17929	17M9D7W
25.0	BPSK	2508.5	2677.5	28.70	27.20	0.525	23.013	23013	23M0G7W
	QPSK			28.31	26.81	0.480	23.004	23004	23M0G7W
	16QAM			27.88	26.38	0.435	22.993	22993	23M0D7W
30.0	BPSK	2511.0	2675.0	28.70	27.20	0.525	27.014	27014	27M0G7W
	QPSK			28.55	27.05	0.507	26.973	26973	27M0G7W
	16QAM			27.44	25.94	0.393	27.012	27012	27M0D7W
35.0	BPSK	2513.5	2672.5	28.70	27.20	0.525	32.385	32385	32M4G7W
	QPSK			28.19	26.69	0.467	32.329	32329	32M3G7W
	16QAM			27.41	25.91	0.390	32.311	32311	32M3D7W
40.0	BPSK	2516.0	2670.0	28.70	27.20	0.525	35.851	35851	35M9G7W
	QPSK			28.61	27.11	0.514	35.814	35814	35M8G7W
	16QAM			27.64	26.14	0.411	35.820	35820	35M8D7W
45.0	BPSK	2518.5	2667.5	28.70	27.20	0.525	38.815	38815	38M8G7W
	QPSK			28.70	27.20	0.525	38.834	38834	38M8G7W
	16QAM			27.44	25.94	0.393	38.831	38831	38M8D7W
50.0	BPSK	2521.0	2665.0	28.70	27.20	0.525	45.859	45859	45M9G7W
	QPSK			28.70	27.20	0.525	45.881	45881	45M9G7W
	16QAM			27.62	26.12	0.409	45.816	45816	45M8D7W
60.0	BPSK	2526.0	2660.0	28.70	27.20	0.525	57.964	57964	58M0G7W
	QPSK			28.64	27.14	0.518	57.983	57983	58M0G7W
	16QAM			27.20	25.70	0.372	57.937	57937	57M9D7W
70.0	BPSK	2531.0	2655.0	28.70	27.20	0.525	64.761	64761	64M8G7W
	QPSK			28.36	26.86	0.485	64.700	64700	64M7G7W
	16QAM			27.27	25.77	0.378	64.703	64703	64M7D7W
80.0	BPSK	2536.0	2650.0	28.70	27.20	0.525	77.178	77178	77M2G7W
	QPSK			28.12	26.62	0.459	77.257	77257	77M3G7W
	16QAM			27.15	25.65	0.367	77.201	77201	77M2D7W
90.0	BPSK	2541.0	2645.0	28.70	27.20	0.525	86.767	86767	86M8G7W
	QPSK			28.50	27.00	0.501	86.829	86829	86M8G7W
	16QAM			27.49	25.99	0.397	86.782	86782	86M8D7W
100.0	BPSK	2546.0	2640.0	28.70	27.20	0.525	96.363	96363	96M4G7W
	QPSK			28.24	26.74	0.472	96.510	96510	96M5G7W
	16QAM			27.42	25.92	0.391	96.591	96591	96M6D7W

5G NR n41 (FCC MIMO)

Part 27									
EIRP Limit (W)		2.00							
Antenna Gain (dBi) (ANT 3+1)		-3.10							
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	31.71	28.61	0.726	8.647	8647	8M65G7W
	QPSK			31.35	28.25	0.668	8.645	8645	8M65G7W
	16QAM			30.92	27.82	0.605	8.661	8661	8M66D7W
15.0	BPSK	2503.5	2682.5	31.71	28.61	0.726	12.951	12951	13M0G7W
	QPSK			31.35	28.25	0.668	12.961	12961	13M0G7W
	16QAM			30.99	27.89	0.615	12.945	12945	12M9D7W
20.0	BPSK	2506.0	2680.0	31.71	28.61	0.726	17.929	17929	17M9G7W
	QPSK			31.41	28.31	0.678	17.922	17922	17M9G7W
	16QAM			30.93	27.83	0.607	17.929	17929	17M9D7W
25.0	BPSK	2508.5	2677.5	31.66	28.56	0.718	23.013	23013	23M0G7W
	QPSK			31.46	28.36	0.685	23.004	23004	23M0G7W
	16QAM			30.91	27.81	0.604	22.993	22993	23M0D7W
30.0	BPSK	2511.0	2675.0	31.71	28.61	0.726	27.014	27014	27M0G7W
	QPSK			31.47	28.37	0.687	26.973	26973	27M0G7W
	16QAM			30.98	27.88	0.614	27.012	27012	27M0D7W
35.0	BPSK	2513.5	2672.5	31.71	28.61	0.726	32.385	32385	32M4G7W
	QPSK			30.81	27.71	0.590	32.329	32329	32M3G7W
	16QAM			29.88	26.78	0.476	32.311	32311	32M3D7W
40.0	BPSK	2516.0	2670.0	31.53	28.43	0.697	35.851	35851	35M9G7W
	QPSK			31.18	28.08	0.643	35.814	35814	35M8G7W
	16QAM			30.62	27.52	0.565	35.820	35820	35M8D7W
45.0	BPSK	2518.5	2667.5	31.71	28.61	0.726	38.815	38815	38M8G7W
	QPSK			31.40	28.30	0.676	38.834	38834	38M8G7W
	16QAM			30.36	27.26	0.532	38.831	38831	38M8D7W
50.0	BPSK	2521.0	2665.0	31.64	28.54	0.714	45.859	45859	45M9G7W
	QPSK			30.84	27.74	0.594	45.881	45881	45M9G7W
	16QAM			30.33	27.23	0.528	45.816	45816	45M8D7W
60.0	BPSK	2526.0	2660.0	31.71	28.61	0.726	57.964	57964	58M0G7W
	QPSK			31.40	28.30	0.676	57.983	57983	58M0G7W
	16QAM			31.02	27.92	0.619	57.937	57937	57M9D7W
70.0	BPSK	2531.0	2655.0	31.71	28.61	0.726	64.761	64761	64M8G7W
	QPSK			30.35	27.25	0.531	64.700	64700	64M7G7W
	16QAM			29.62	26.52	0.449	64.703	64703	64M7D7W
80.0	BPSK	2536.0	2650.0	31.66	28.56	0.718	77.178	77178	77M2G7W
	QPSK			30.36	27.26	0.532	77.257	77257	77M3G7W
	16QAM			29.43	26.33	0.430	77.201	77201	77M2D7W
90.0	BPSK	2541.0	2645.0	31.65	28.55	0.716	86.767	86767	86M8G7W
	QPSK			30.48	27.38	0.547	86.829	86829	86M8G7W
	16QAM			29.67	26.57	0.454	86.782	86782	86M8D7W
100.0	BPSK	2546.0	2640.0	31.64	28.54	0.714	96.363	96363	96M4G7W
	QPSK			30.55	27.45	0.556	96.510	96510	96M5G7W
	16QAM			29.65	26.55	0.452	96.591	96591	96M6D7W

ULCA LTE BAND 41 (FCC)

Part 27									
EIRP Limit (W)		2.00							
Antenna Gain (dBi) (ANT2)		-1.50							
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	28.66	27.16	0.520	23.507	23507	23M5G7W
	16QAM			27.12	25.62	0.365	23.431	23431	23M4D7W
20+5	QPSK	2506.0	2686.7	28.70	27.20	0.525	23.458	23458	23M5G7W
	16QAM			27.15	25.65	0.367	23.382	23382	23M4D7W
10+20	QPSK	2501.5	2680.0	28.66	27.16	0.520	28.153	28153	28M2G7W
	16QAM			27.06	25.56	0.360	28.177	28177	28M2D7W
20+10	QPSK	2506.0	2684.5	28.70	27.20	0.525	28.208	28208	28M2G7W
	16QAM			27.17	25.67	0.369	28.133	28133	28M1D7W
15+15	QPSK	2503.5	2682.5	28.67	27.17	0.521	28.726	28726	28M7G7W
	16QAM			27.03	25.53	0.357	28.708	28708	28M7D7W
15+20	QPSK	2503.8	2680.0	28.68	27.18	0.522	32.952	32952	33M0G7W
	16QAM			27.14	25.64	0.366	32.957	32957	33M0D7W
20+15	QPSK	2506.0	2682.2	28.69	27.19	0.524	32.997	32997	33M0G7W
	16QAM			27.01	25.51	0.356	33.025	33025	33M0D7W
20+20	QPSK	2506.0	2680.0	28.67	27.17	0.521	37.869	37869	37M9G7W
	16QAM			27.19	25.69	0.371	37.805	37805	37M8D7W

LTE BAND 41 (IC)

RSS 199									
EIRP Limit (W)		2.00							
Antenna Gain (dBi) (ANT2)		-1.50							
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	28.69	27.19	0.524	4.487	4487	4M49G7W
	16QAM			27.69	26.19	0.416	4.498	4498	4M50D7W
10.0	QPSK	2505.0	2685.0	28.70	27.20	0.525	8.961	8961	8M96G7W
	16QAM			27.70	26.20	0.417	8.980	8980	8M98D7W
15.0	QPSK	2507.5	2682.5	28.70	27.20	0.525	13.450	13450	13M5G7W
	16QAM			27.70	26.20	0.417	13.418	13418	13M4D7W
20.0	QPSK	2510.0	2680.0	28.70	27.20	0.525	17.941	17941	17M9G7W
	16QAM			27.70	26.20	0.417	17.903	17903	17M9D7W

5G NR n41 (IC)

RSS 199									
EIRP Limit (W)		2.00							
Antenna Gain (dBi) (ANT2)		-1.50							
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	27.20	0.525	8.636	8636	8M64G7W
	QPSK			28.67	27.17	0.521	8.652	8652	8M65G7W
	16QAM			27.48	25.98	0.396	8.633	8633	8M63D7W
15.0	BPSK	2507.5	2682.5	28.70	27.20	0.525	12.937	12937	12M9G7W
	QPSK			28.61	27.11	0.514	12.957	12957	13M0G7W
	16QAM			27.49	25.99	0.397	12.942	12942	12M9D7W
20.0	BPSK	2510.0	2680.0	28.70	27.20	0.525	17.930	17930	17M9G7W
	QPSK			28.66	27.16	0.520	17.931	17931	17M9G7W
	16QAM			27.56	26.06	0.404	17.940	17940	17M9D7W
25.0	BPSK	2512.5	2677.5	28.70	27.20	0.525	23.067	23067	23M1G7W
	QPSK			28.65	27.15	0.519	23.009	23009	23M0G7W
	16QAM			27.74	26.24	0.421	23.050	23050	23M1D7W
30.0	BPSK	2515.0	2675.0	28.70	27.20	0.525	26.954	26954	27M0G7W
	QPSK			28.62	27.12	0.515	26.959	26959	27M0G7W
	16QAM			27.44	25.94	0.393	26.994	26994	27M0D7W
35.0	BPSK	2517.5	2672.5	28.70	27.20	0.525	32.339	32339	32M3G7W
	QPSK			28.60	27.10	0.513	32.322	32322	32M3G7W
	16QAM			27.21	25.71	0.372	32.319	32319	32M3D7W
40.0	BPSK	2520.0	2670.0	28.70	27.20	0.525	35.856	35856	35M9G7W
	QPSK			28.64	27.14	0.518	35.829	35829	35M8G7W
	16QAM			27.43	25.93	0.392	35.897	35897	35M9D7W
45.0	BPSK	2522.5	2667.5	28.70	27.20	0.525	38.854	38854	38M9G7W
	QPSK			28.49	26.99	0.500	38.835	38835	38M8G7W
	16QAM			27.44	25.94	0.393	38.840	38840	38M8D7W
50.0	BPSK	2525.0	2665.0	28.70	27.20	0.525	45.860	45860	45M9G7W
	QPSK			28.48	26.98	0.499	45.831	45831	45M8G7W
	16QAM			27.64	26.14	0.411	45.780	45780	45M8D7W
60.0	BPSK	2530.0	2660.0	28.70	27.20	0.525	57.987	57987	58M0G7W
	QPSK			28.45	26.95	0.495	57.920	57920	57M9G7W
	16QAM			27.30	25.80	0.380	57.972	57972	58M0D7W
70.0	BPSK	2535.0	2655.0	28.70	27.20	0.525	64.478	64478	64M5G7W
	QPSK			28.09	26.59	0.456	64.507	64507	64M5G7W
	16QAM			27.05	25.55	0.359	64.386	64386	64M4D7W
80.0	BPSK	2540.0	2650.0	28.70	27.20	0.525	77.229	77229	77M2G7W
	QPSK			28.67	27.17	0.521	77.301	77301	77M3G7W
	16QAM			27.45	25.95	0.394	77.264	77264	77M3D7W
90.0	BPSK	2545.0	2645.0	28.70	27.20	0.525	86.830	86830	86M8G7W
	QPSK			28.07	26.57	0.454	86.852	86852	86M9G7W
	16QAM			27.40	25.90	0.389	86.801	86801	86M8D7W
100.0	BPSK	2550.0	2640.0	28.70	27.20	0.525	96.481	96481	96M5G7W
	QPSK			28.42	26.92	0.492	96.496	96496	96M5G7W
	16QAM			28.00	26.50	0.447	96.476	96476	96M5D7W

ULCA LTE BAND 41 (IC)

RSS 199									
EIRP Limit (W)		2.00							
Antenna Gain (dBi) (ANT2)		-1.50							
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	28.69	27.19	0.524	23.452	23452	23M5G7W
	16QAM			27.15	25.65	0.367	23.388	23388	23M4D7W
20+5	QPSK	2510.0	2686.7	28.68	27.18	0.522	23.475	23475	23M5G7W
	16QAM			27.01	25.51	0.356	23.394	23394	23M4D7W
10+20	QPSK	2505.5	2680.0	28.67	27.17	0.521	28.177	28177	28M2G7W
	16QAM			27.08	25.58	0.361	28.170	28170	28M2D7W
20+10	QPSK	2510.0	2684.5	28.67	27.17	0.521	28.262	28262	28M3G7W
	16QAM			27.13	25.63	0.366	28.170	28170	28M2D7W
15+15	QPSK	2507.5	2682.5	28.65	27.15	0.519	28.770	28770	28M8G7W
	16QAM			27.19	25.69	0.371	28.738	28738	28M7D7W
15+20	QPSK	2507.8	2680.0	28.70	27.20	0.525	32.956	32956	33M0G7W
	16QAM			27.15	25.65	0.367	32.986	32986	33M0D7W
20+15	QPSK	2510.0	2682.2	28.68	27.18	0.522	32.992	32992	33M0G7W
	16QAM			27.15	25.65	0.367	33.019	33019	33M0D7W
20+20	QPSK	2510.0	2680.0	28.69	27.19	0.524	37.830	37830	37M8G7W
	16QAM			27.12	25.62	0.365	37.852	37852	37M9D7W

6.3. SOFTWARE AND FIRMWARE

The EUT firmware installed during testing was version 0.80.00.

6.4. MAXIMUM ANTENNA GAIN AND MAXIMUM ALLOWED OUTPUT POWER

The IFA 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)			
		ANT1	ANT2	ANT3	ANT4	ANT1	ANT2	ANT3	ANT4	ANT1	ANT2	ANT3	ANT4
LTE Band 7/ 5G NR n7	2500 - 2570	-3.30	-1.50	-1.00	-1.30	24.20	25.70	25.70	24.70	20.90	24.20	24.70	23.40
LTE ULCA Band 7		-3.30	-1.50	-1.00	-1.30	24.50	26.00	26.00	25.00	21.20	24.50	25.00	23.70
LTE Band 41	FCC 2496 – 2680	-3.60	-1.50	-1.60	-1.60	28.70	28.70	28.70	28.70	25.10	27.20	27.10	27.10
5G NR n41		-3.60	-1.50	-1.60	-1.60	28.70	28.70	28.70	28.70	25.10	27.20	27.10	27.10
LTE ULCA Band 41		-3.60	-1.50	-1.60	-1.60	28.70	28.70	28.70	28.70	25.10	27.20	27.10	27.10
LTE Band 41	IC 2500 – 2680	-3.60	-1.50	-1.60	-1.60	28.70	28.70	28.70	28.70	25.10	27.20	27.10	27.10
5G NR n41		-3.60	-1.50	-1.60	-1.60	28.70	28.70	28.70	28.70	25.10	27.20	27.10	27.10
LTE ULCA Band 41		-3.60	-1.50	-1.60	-1.60	28.70	28.70	28.70	28.70	25.10	27.20	27.10	27.10

MIMO MODE

Bands	Frequency Range (MHz)	Antenna	Maximum Allowed Conducted Power Per Antenna (dBm)		Max Allowed Combined Conducted Output Power (dBm)	Gain (dBi)	EIRP (dBm)
5G NR n41	2496 – 2690	ANT 3+4	28.7	28.7	31.71	-3.90	27.81
		ANT 3+2	28.7	28.7	31.71	-4.60	27.11
		ANT 3+1	28.7	28.7	31.71	-3.10	28.61
		ANT 2+4	28.7	28.7	31.71	-3.20	28.51
		ANT 2+1	28.7	28.7	31.71	-4.80	26.91
		ANT 1+4	28.7	28.7	31.71	-4.10	27.61

6.5. WORST-CASE CONFIGURATION AND MODE

This report covers the following technologies:

- LTE Band 7, 5G NR n7, LTE B7 2CA
- LTE Band 38, 5G NR n38 LTE B38 2CA
- LTE Band 41, LTE B41 2CA, 5G NR n41 (SISO), 5G NR n41 (MIMO)

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, 5G NR n7 and :LTE B7 2CA	Ant 3
LTE Band 41 and LTE B41 2CA	Ant 3
5G NR n41 (SISO)	Ant 3
5G NR n41 (MIMO)	Ant 3+1

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

Frequency Range	ANT1	ANT2	ANT3	ANT4	ANT3+4	ANT3+2	ANT3+1	ANT2+4	ANT2+1	ANT1+4
2300 – 2700 MHz	Y	X	X	Y	X	Y	Y	Y	X	X

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

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

6.6. DESCRIPTION OF TEST SETUP

Refer to Appendix A for description of test setup.

7. TEST AND MEASUREMENT EQUIPMENT

The following test and measurement equipment 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	85723	2026-02-28
EMI TEST RECEIVER	Rohde & Schwarz	ESW44	169936	2026-02-28
Antenna, Horn 1-18GHz	ETS Lindgren	3117	200897	2026-04-30
RF Filter Box, 1-18GHz, 12 Port	UL-FR1	Frankenstein	217255	2026-01-31
Antenna, Horn 1-18GHz	ETS Lindgren	3117	223084	2026-12-31
RF Filter Box, 1-18GHz	UL-FR1	NA	231875	2025-11-30
EMI TEST RECEIVER	Rohde & Schwarz	ESW44	170063	2026-02-28
Wideband Communication Test Set, Call Box	R&S GmbH & Co.	CMW500	230297	2026-02-28
EMI TEST RECEIVER	Rohde & Schwarz	ESW44	169936	2026-02-28
Antenna, Horn 1-18GHz	ETS Lindgren	3117	200897	2026-04-30
RF Filter Box, 1-18GHz, 12 Port	UL-FR1	Frankenstein	217255	2026-01-31
EMI TEST RECEIVER	Rohde & Schwarz	ESW44	223460	2026-02-28
RF Filter Box, 1-18GHz, 17 Port	UL-FR1	RATS 2	236726	2025-10-31
Antenna, Horn 1-18GHz	ETS Lindgren	3117	80403	2026-08-31
Antenna, Broadband Hybrid, 30MHz to 3GHz	Sunol Sciences Corp.	JB3	171863	2026-11-30
Amplifier 9 KHz - 1 GHz	Sonoma Instrument	310N	224490	2026-05-06
Antenna, Passive Loop 30Hz - 1MHz	Electro-Metrics	EM-6871	170013	2025-07-31
Antenna, Passive Loop 100KHz - 30MHz	Electro-Metrics	EM-6872	170015	2025-07-31
Antenna, Horn 18 to 26.5GHz	A.R.A.	MWH-1826/B	172353	2025-08-31
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	81105	2025-08-31
Link File, RF Amplifier Assembly, 26.5-40GHz, 65dB Gain	Ampical	AMP26G40-65	220193	2026-04-30
PXA Signal Analyzer	Keysight Technologies Inc	N9030B	262735	2026-03-30
PXA Signal Analyzer	Keysight Technologies Inc	N9030B	231912	2026-04-30
PXA Signal Analyzer	Keysight Technologies Inc	N9030B	259079	2026-02-28
PXA Signal Analyzer	Keysight Technologies Inc	N9030B	262734	2026-04-30
Wideband Communication Call Box	Rohde & Schwarz	CMW500	230298	2026-02-28
Wideband Communication Call Box	Rohde & Schwarz	CMW500	85943	2026-02-28
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	221008	2026-04-30
Conducted Switch Box	N/A	CSB	262354	2026-04-30
Filter, BRF 3400-3800MHz, 18GHz max	Micro-Tronics	BRM50711	217364	2025-09-30
Filter, BRF 2305-2315	Micro-Tronics	BRC20553	224186	2026-06-29
Power Meter, P-series single channel	Keysight Technologies Inc	N1911A	90718	2026-03-31
Power Sensor, P - series, 50MHz to 18GHz, Wideband	Keysight Technologies Inc	N1921A	257704	2026-03-31
Chamber, Environmental	Cincinnati Sub Zero	ZPHS-8-3.5-SCT/WC	89097	2025-10-31
UL AUTOMATION SOFTWARE				
Conducted Software	UL	CLT	Ver.2023 11.21.0 & .2024.3.20.0	
Conducted Software	UL	Power	Ver 2023.08.14	
Conducted Software	UL	Antenna Port	Ver.2022.8.16 & 2021.5.13	
Conducted Software	UL	Station Tool	Ver. 5.0 & 5.3	
Radiated Software	UL	UL EMC	Ver 9.5, May 1, 2023	

8. RF OUTPUT POWER VERIFICATION

CONDUCTED OUTPUT POWER MEASUREMENT PROCEDURE

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

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

In band power measurements for MIMO modes are made by summing the channel power for the individual chains to calculate the total power following the measure and sum method E)1) from KDB 662911 D01.

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:	39004	Test Date:	2025-01-17
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OUTPUT POWER FOR LTE BAND 7 (5.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				20775	21100	21425	20775	21100	21425	20775	21100	21425	20775	21100	21425
5.0	QPSK	1	0	25.50	25.70	25.45	24.23	24.70	24.40	25.50	25.68	25.38	24.03	24.10	24.02
		1	12	25.65	25.61	25.65	24.49	24.48	24.62	25.70	25.70	25.60	24.20	24.20	24.13
		1	24	25.70	25.48	25.70	24.70	24.12	24.70	25.69	25.60	25.70	24.14	24.19	24.20
		12	0	25.36	25.44	25.33	23.30	23.51	23.42	25.37	25.43	25.26	23.00	23.12	23.00
		12	6	25.47	25.48	25.45	23.44	23.44	23.61	25.50	25.50	25.40	23.05	23.19	23.13
		12	11	25.46	25.37	25.49	23.52	23.30	23.60	25.46	25.44	25.44	23.05	23.18	23.14
		25	0	24.40	24.37	24.45	23.08	23.10	23.26	24.36	24.45	24.37	22.78	22.89	22.84
		1	0	24.50	24.70	24.50	23.00	23.61	23.30	24.55	24.67	24.43	22.81	23.03	22.97
	16QAM	1	12	24.63	24.57	24.59	23.44	23.34	23.51	24.64	24.68	24.56	23.04	23.16	23.04
		1	24	24.70	24.39	24.70	23.61	23.16	23.70	24.70	24.68	24.70	23.04	23.20	23.20
		12	0	23.30	23.41	23.32	22.04	22.24	22.15	23.36	23.49	23.28	21.83	21.86	21.80
		12	6	23.41	23.44	23.45	22.22	22.18	22.34	23.41	23.54	23.40	21.88	22.01	21.93
		12	11	23.42	23.34	23.48	22.29	22.01	22.37	23.36	23.56	23.45	21.86	21.99	21.92
		25	0	23.36	23.35	23.39	22.08	22.14	22.26	23.36	23.44	23.31	21.82	21.94	21.86
		1	0	23.44	23.67	23.52	22.42	22.93	22.40	23.54	24.66	23.43	22.00	22.19	22.05
		1	12	23.64	23.76	23.78	22.60	22.64	22.71	23.76	23.75	23.60	22.18	22.28	22.19
	64QAM	1	24	23.69	23.45	23.78	22.82	22.32	22.78	23.65	23.68	23.75	22.14	22.32	22.23
		12	0	22.26	22.38	22.45	21.04	21.43	21.14	22.42	22.43	22.21	20.86	20.96	20.86
		12	6	22.36	22.41	22.53	21.24	21.37	21.30	22.54	22.51	22.37	20.90	21.05	21.00
		12	11	22.36	22.31	22.56	21.35	21.21	21.35	22.46	22.44	22.41	20.91	21.05	20.99
		25	0	22.27	22.37	22.41	21.12	21.18	21.31	22.36	22.47	22.35	20.78	21.00	20.90
		1	0	20.27	20.57	20.43	19.09	19.56	19.15	20.41	20.53	20.26	18.79	19.04	18.90
		1	12	20.54	20.57	20.67	19.33	19.35	19.46	20.58	20.64	20.51	19.04	19.10	19.08
		1	24	20.54	20.35	20.71	19.46	19.08	19.55	20.48	20.45	20.46	18.89	19.18	19.07
	256QAM	12	0	20.24	20.40	20.35	19.06	19.35	19.19	20.40	20.46	20.22	18.78	18.96	18.88
		12	6	20.32	20.38	20.45	19.23	19.28	19.34	20.48	20.51	20.37	18.88	19.07	18.95
		12	11	20.35	20.32	20.49	19.32	19.11	19.39	20.37	20.46	20.43	18.91	19.07	18.97
		25	0	20.30	20.34	20.44	19.09	19.21	19.28	20.35	20.47	20.32	18.84	18.99	18.91

OUTPUT POWER FOR LTE BAND 7 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				20800	21100	21400	20800	21100	21400	20800	21100	21400	20800	21100	21400
10.0	QPSK	1	0	25.29	25.70	25.19	23.65	24.70	23.75	25.55	25.70	25.23	24.07	23.91	23.94
		1	24	25.43	25.44	25.47	24.00	24.06	24.39	25.70	25.66	25.43	24.20	24.20	24.05
		1	49	25.70	25.19	25.70	24.70	23.53	24.70	25.61	25.48	25.70	23.97	24.09	24.20
		25	0	25.17	25.43	25.10	22.80	23.34	23.09	25.49	25.49	25.12	23.16	23.04	22.99
		25	12	25.28	25.31	25.31	23.10	23.11	23.39	25.55	25.53	25.26	23.21	23.16	23.08
		25	24	25.29	25.14	25.42	23.40	22.82	23.59	25.44	25.45	25.29	23.07	23.16	23.13
		50	0	24.25	24.33	24.27	22.95	22.94	23.15	24.50	24.56	24.35	22.91	22.90	22.86
	16QAM	1	0	24.29	24.70	24.20	22.53	23.67	22.74	24.59	24.68	24.27	22.97	22.95	22.93
		1	24	24.38	24.46	24.51	23.10	23.03	23.32	24.69	24.70	24.42	23.20	23.10	23.01
		1	49	24.58	24.18	24.63	23.70	22.45	23.68	24.68	24.53	24.67	22.83	23.05	23.19
		25	0	23.22	23.44	23.16	21.63	22.19	21.92	23.58	23.57	23.20	21.97	21.86	21.79
		25	12	23.31	23.36	23.36	21.94	21.91	22.25	23.61	23.60	23.36	22.01	21.97	21.86
		25	24	23.35	23.21	23.47	22.23	21.65	22.42	23.52	23.53	23.40	21.90	21.96	21.94
		50	0	23.25	23.33	23.30	21.98	21.93	22.17	23.50	23.55	23.33	21.95	21.91	21.86
	64QAM	1	0	23.25	23.82	23.34	21.59	22.80	21.87	23.71	23.84	23.41	21.97	21.97	22.06
		1	24	23.45	23.54	23.69	22.12	22.22	22.51	23.83	23.91	23.61	22.21	22.22	22.18
		1	49	23.62	23.30	23.77	22.76	21.66	22.81	23.75	23.64	23.82	21.95	22.10	22.29
		25	0	22.14	22.50	22.18	20.73	21.30	20.92	22.57	22.62	22.21	20.91	20.87	20.82
		25	12	22.27	22.39	22.40	21.02	21.01	21.24	22.63	22.63	22.34	20.96	20.98	20.94
		25	24	22.30	22.20	22.50	21.29	20.74	21.45	22.51	22.56	22.42	20.81	21.01	21.01
		50	0	22.17	22.36	22.30	21.03	21.02	21.21	22.50	22.57	22.37	20.92	20.93	20.91
	256QAM	1	0	20.15	20.68	20.19	18.63	19.66	18.64	20.47	20.61	20.21	18.77	18.80	18.89
		1	24	20.38	20.49	20.54	19.11	19.09	19.41	20.78	20.73	20.48	19.13	19.07	19.02
		1	49	20.42	20.15	20.70	19.74	18.48	19.61	20.60	20.40	20.63	18.80	18.91	19.11
		25	0	20.17	20.50	20.23	18.73	19.32	18.95	20.57	20.62	20.23	18.96	18.90	18.90
		25	12	20.28	20.41	20.41	19.01	19.00	19.22	20.61	20.60	20.33	18.92	18.98	18.92
		25	24	20.28	20.23	20.48	19.27	18.71	19.38	20.47	20.53	20.42	18.84	18.97	18.98
		50	0	20.20	20.36	20.32	19.05	19.03	19.17	20.46	20.54	20.34	18.91	18.97	18.93

OUTPUT POWER FOR LTE BAND 7 (15.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				20825	21100	21375	20825	21100	21375	20825	21100	21375	20825	21100	21375
15.0	QPSK	1	0	25.07	25.70	24.96	23.04	24.70	23.20	25.60	25.60	25.18	24.13	23.82	24.14
		1	37	25.41	25.37	25.33	23.80	23.68	24.15	25.70	25.70	25.35	24.20	24.20	24.01
		1	74	25.70	24.94	25.70	24.70	23.00	24.70	25.53	25.48	25.70	23.78	24.05	24.20
		36	0	25.06	25.41	24.96	22.30	23.23	22.66	25.57	25.58	25.09	23.25	23.08	23.08
		36	16	25.17	25.23	25.15	22.77	22.76	23.14	25.58	25.56	25.20	23.22	23.21	23.09
		36	35	25.35	25.04	25.38	23.12	22.41	23.49	25.41	25.50	25.26	22.98	23.20	23.13
		75	0	24.19	24.21	24.13	22.61	22.59	22.89	24.44	24.50	24.23	22.78	22.88	22.86
	16QAM	1	0	23.94	24.70	23.91	21.86	23.70	22.05	24.60	24.66	24.13	23.06	22.83	23.00
		1	37	24.30	24.43	24.32	22.65	22.66	23.12	24.70	24.70	24.31	23.17	23.19	22.94
		1	74	24.70	24.02	24.57	23.66	21.95	23.65	24.55	24.40	24.70	22.84	23.11	23.20
		36	0	22.98	23.40	22.96	21.07	22.04	21.45	23.55	23.59	23.12	22.02	21.85	21.87
		36	16	23.09	23.27	23.16	21.55	21.56	21.92	23.56	23.58	23.21	21.99	22.00	21.87
		36	35	23.26	23.04	23.40	21.94	21.16	22.28	23.39	23.51	23.29	21.79	22.04	21.91
		75	0	23.12	23.23	23.16	21.65	21.59	21.90	23.40	23.51	23.26	21.83	21.91	21.88
	64QAM	1	0	23.08	23.79	23.03	20.86	22.72	21.17	23.67	23.74	23.23	22.09	21.93	22.18
		1	37	23.46	23.51	23.51	21.73	21.75	22.13	23.69	23.79	23.50	22.20	22.29	22.06
		1	74	23.74	23.08	23.80	22.66	21.01	22.79	23.49	23.41	23.78	21.82	22.18	22.32
		36	0	21.99	22.40	21.98	20.03	21.12	20.42	22.53	22.58	22.13	21.06	20.94	20.91
		36	16	22.11	22.24	22.18	20.50	20.66	20.92	22.54	22.61	22.22	21.02	21.10	20.91
		36	35	22.28	22.04	22.39	20.87	20.28	21.27	22.39	22.53	22.31	20.80	21.09	20.97
		75	0	22.16	22.26	22.20	20.62	20.71	20.94	22.42	22.56	22.29	20.87	21.04	20.93
	256QAM	1	0	19.95	20.71	19.90	17.76	19.64	18.09	20.52	20.66	20.18	19.03	18.94	19.09
		1	37	20.32	20.34	20.36	18.60	18.68	19.05	20.60	20.73	20.27	19.08	19.27	19.00
		1	74	20.57	19.96	20.67	19.49	18.00	19.68	20.40	20.33	20.61	18.76	19.08	19.21
		36	0	20.00	20.41	19.98	18.01	19.10	18.44	20.51	20.59	20.09	19.04	18.95	18.89
		36	16	20.11	20.25	20.16	18.50	18.65	18.91	20.51	20.61	20.19	19.02	19.10	18.92
		36	35	20.31	20.09	20.41	18.89	18.28	19.25	20.38	20.53	20.31	18.81	19.13	18.99
		75	0	20.15	20.26	20.21	18.59	18.69	18.92	20.41	20.52	20.29	18.87	19.03	18.95

OUTPUT POWER FOR LTE BAND 7 (20.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				20850	21100	21350	20850	21100	21350	20850	21100	21350	20850	21100	21350
20.0	QPSK	1	0	24.84	25.70	24.90	22.60	24.70	22.67	25.67	25.61	25.33	24.20	23.77	24.20
		1	49	25.24	25.23	25.19	23.77	23.38	23.73	25.70	25.70	25.22	24.17	24.20	23.84
		1	99	25.70	24.78	25.70	24.70	22.62	24.70	25.47	25.23	25.70	23.92	24.01	24.06
		50	0	24.92	25.39	24.90	22.23	23.12	22.20	25.57	25.56	25.11	23.37	23.09	23.10
		50	24	25.22	25.17	25.11	22.81	22.55	22.83	25.48	25.58	25.17	23.15	23.26	23.00
		50	49	25.40	24.91	25.35	23.32	22.01	23.40	25.38	25.34	25.23	22.97	23.25	22.99
		100	0	24.18	24.20	24.14	22.54	22.34	22.54	24.42	24.48	24.26	22.93	22.94	22.82
	16QAM	1	0	23.78	24.70	23.80	21.53	23.61	21.53	24.60	24.62	24.33	23.18	22.73	23.17
		1	49	24.23	24.29	24.16	22.63	22.28	22.68	24.59	24.64	24.24	23.09	23.20	22.82
		1	99	24.69	23.77	24.70	23.65	21.57	23.70	24.46	24.27	24.70	22.92	22.98	23.06
		50	0	22.89	23.37	22.80	20.98	21.84	20.91	23.59	23.55	23.09	22.16	21.89	21.88
		50	24	23.20	23.16	23.03	21.57	21.27	21.56	23.46	23.58	23.15	21.98	22.09	21.78
		50	49	23.40	22.89	23.26	22.07	20.76	22.11	23.37	23.36	23.20	21.77	22.03	21.82
		100	0	23.19	23.19	23.04	21.57	21.36	21.54	23.42	23.52	23.22	21.93	21.95	21.85
	64QAM	1	0	22.90	23.88	23.00	20.48	22.74	20.71	23.86	23.85	23.52	22.22	21.95	22.23
		1	49	23.36	23.43	23.31	21.66	21.49	21.76	23.86	23.93	23.39	22.19	22.44	21.85
		1	99	23.82	22.97	23.78	22.63	20.73	22.76	23.70	23.44	23.84	21.88	22.17	22.08
		50	0	21.93	22.48	21.92	19.93	20.95	20.01	22.58	22.62	22.15	21.13	20.94	20.90
		50	24	22.21	22.28	22.16	20.51	20.34	20.65	22.47	22.67	22.19	20.93	21.14	20.82
		50	49	22.40	21.97	22.37	21.03	19.82	21.16	22.41	22.45	22.27	20.73	21.11	20.83
		100	0	22.22	22.28	22.16	20.53	20.45	20.61	22.45	22.60	22.27	20.91	21.03	20.89
	256QAM	1	0	19.71	20.77	19.85	17.38	19.54	17.59	20.59	20.62	20.27	19.13	18.78	19.20
		1	49	20.25	20.42	20.24	18.64	18.40	18.57	20.55	20.79	20.25	19.09	19.24	18.84
		1	99	20.68	19.85	20.65	19.54	17.53	19.55	20.56	20.23	20.56	18.77	19.03	18.99
		50	0	19.94	20.50	19.94	17.90	18.94	17.96	20.55	20.66	20.13	19.11	18.94	18.90
		50	24	20.23	20.28	20.18	18.52	18.34	18.61	20.44	20.64	20.20	18.94	19.18	18.83
		50	49	20.44	20.03	20.37	19.05	17.84	19.16	20.44	20.46	20.28	18.75	19.14	18.83
		100	0	20.24	20.31	20.17	18.56	18.45	18.61	20.45	20.60	20.26	18.90	19.08	18.88

8.2. 5G NR n7

Test Engineer ID:	27342	Test Date:	2025-01-09
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OUTPUT POWER FOR 5G NR n7 (5.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				500500	507000	513500	500500	507000	513500	500500	507000	513500	500500	507000	513500
5.0	BPSK	1	0	2502.5	2535.0	2567.5	2502.5	2535.0	2567.5	2502.5	2535.0	2567.5	2502.5	2535.0	2567.5
		1	1	25.06	25.08	25.16	24.11	24.12	23.77	25.03	25.01	25.16	23.69	23.67	24.11
		1	1	25.55	25.68	25.70	24.61	24.65	24.32	25.62	25.50	25.54	24.09	24.20	24.19
		1	23	25.62	25.65	25.69	24.57	24.59	24.70	25.56	25.67	25.70	24.06	24.01	24.16
		1	24	25.06	25.11	25.21	23.99	24.05	24.20	24.98	25.19	25.16	23.52	23.51	24.09
		12	6	25.70	25.70	25.70	24.70	24.70	24.59	25.70	25.70	25.70	24.20	24.15	24.20
	QPSK	25	0	25.01	25.11	25.07	24.07	24.05	23.95	24.97	25.03	25.03	23.51	23.48	24.00
		1	0	24.57	24.56	24.60	23.59	23.66	23.22	24.39	24.54	24.49	23.11	23.17	23.81
		1	1	25.61	25.59	25.68	24.65	24.65	24.27	25.54	25.49	25.59	24.11	24.17	24.03
		1	23	25.61	25.56	25.65	24.50	24.60	24.68	25.49	25.68	25.56	24.06	23.98	24.09
		1	24	24.58	24.63	24.70	23.50	23.62	23.66	24.47	24.64	24.63	23.01	23.02	23.86
		12	6	25.68	25.68	25.69	24.68	24.68	24.51	25.68	25.64	25.68	24.18	24.18	24.18
	16QAM	25	0	24.57	24.57	24.63	23.57	23.61	23.41	24.57	24.56	24.52	23.03	23.02	23.77
		1	0	23.49	23.48	23.51	22.61	22.56	22.13	23.42	23.42	23.53	22.02	22.07	22.79
		1	1	24.45	24.50	24.54	23.62	23.61	23.22	24.54	24.50	24.48	23.11	23.09	23.84
		1	23	24.49	24.51	24.57	23.53	23.56	23.59	24.57	24.67	24.62	22.97	23.00	23.96
		1	24	23.55	23.54	23.47	22.44	22.48	22.61	23.46	23.63	23.52	21.98	21.92	22.85
		12	6	24.43	24.59	24.54	23.59	23.49	23.37	24.53	24.54	24.49	23.06	22.95	23.81
	64QAM	25	0	23.42	23.55	23.49	22.57	22.49	22.32	23.50	23.50	23.45	22.07	21.92	22.74
		1	0	23.04	23.03	22.97	22.20	22.10	21.57	22.95	22.87	22.98	21.54	21.59	22.30
		1	1	22.98	22.99	23.08	22.10	21.93	21.65	22.89	22.74	23.02	21.55	21.67	22.27
		1	23	23.03	23.11	23.12	22.03	21.93	22.08	22.99	22.75	23.05	21.57	21.48	22.36
		1	24	22.92	23.00	23.05	21.93	21.99	22.08	22.94	22.74	23.04	21.53	21.47	22.26
		12	6	22.92	23.02	23.03	21.98	21.92	21.81	23.10	22.72	23.00	21.58	21.53	22.22
	256QAM	25	0	22.93	22.98	23.07	21.95	21.96	21.81	23.09	22.74	22.97	21.52	21.46	22.33
		1	0	20.81	21.03	21.00	20.06	20.06	19.61	21.11	20.55	20.96	19.62	19.44	20.31
		1	1	21.01	21.08	20.90	20.02	20.05	19.63	21.09	20.61	20.91	19.52	19.53	20.32
		1	23	21.04	21.03	21.02	19.88	19.98	20.11	21.08	20.76	21.04	19.55	19.42	20.26
		1	24	20.96	21.11	21.00	19.97	20.03	20.07	20.91	20.81	21.00	19.45	19.41	20.21
		12	6	20.98	21.07	21.01	20.09	19.99	19.84	21.09	20.68	20.95	19.48	19.48	20.38
		25	0	20.97	21.05	21.07	19.99	20.05	19.79	21.07	20.75	20.98	19.49	19.48	20.28

OUTPUT POWER FOR 5G NR n7 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				501000	507000	513000	501000	507000	513000	501000	507000	513000	501000	507000	513000
10.0	BPSK	1	0	2505.0	2535.0	2565.0	2505.0	2535.0	2565.0	2505.0	2535.0	2565.0	2505.0	2535.0	2565.0
		1	1	25.08	25.08	25.07	24.05	24.14	23.25	25.14	24.85	25.16	23.53	23.66	24.07
		1	1	25.65	25.70	25.70	24.70	24.70	23.90	25.70	25.44	25.70	24.20	24.20	24.19
		1	50	25.70	25.68	25.68	24.24	24.54	24.70	25.23	25.70	25.50	24.02	23.88	24.20
		1	51	25.07	25.06	25.07	23.63	23.88	24.15	24.72	25.11	24.87	23.41	23.19	24.05
		25	12	25.57	25.61	25.67	24.49	24.55	24.13	25.54	25.55	25.49	24.01	24.04	24.16
	QPSK	50	0	24.99	25.02	25.09	23.89	24.03	23.60	24.93	24.96	24.90	23.48	23.44	24.07
		1	0	24.57	24.51	24.56	23.58	23.57	22.83	24.46	24.32	24.26	23.07	22.99	23.90
		1	1	25.66	25.65	25.68	24.68	24.68	23.97	25.64	25.43	25.35	24.18	24.18	24.18
		1	50	25.68	25.68	25.66	24.20	24.48	24.68	25.37	25.65	25.56	23.96	23.71	24.14
		1	51	24.58	24.59	24.59	23.10	23.34	23.60	24.18	24.67	24.47	22.91	22.66	23.89
		25	12	25.66	25.64	25.65	24.49	24.52	24.20	25.56	25.60	25.47	24.01	23.92	24.07
	16QAM	50	0	24.52	24.56	24.55	23.40	23.46	23.12	24.45	24.51	24.39	22.87	22.88	23.85
		1	0	23.51	23.39	23.46	22.46	22.61	21.67	23.37	23.16	23.32	22.04	22.06	22.81
		1	1	24.55	24.37	24.54	23.56	23.55	22.77	24.54	24.35	24.35	23.04	23.16	23.82
		1	50	24.51	24.41	24.52	23.12	23.31	23.45	24.15	24.54	24.20	22.77	22.73	23.74
		1	51	23.37	23.37	23.46	22.02	22.33	22.53	23.04	23.50	23.30	21.84	21.70	22.87
		25	12	24.48	24.43	24.39	23.30	23.36	23.05	24.33	24.40	24.28	22.85	22.92	23.80
	64QAM	50	0	23.45	23.41	23.45	22.30	22.43	22.07	23.32	23.34	23.33	21.84	21.90	22.81
		1	0	22.99	22.91	22.98	21.91	22.01	21.10	22.90	22.62	22.90	21.53	21.48	22.30
		1	1	23.05	23.05	22.96	21.95	22.03	21.18	22.94	22.64	22.89	21.50	21.44	22.33
		1	50	23.13	22.98	23.00	21.46	21.68	21.98	22.58	23.11	22.65	21.38	21.13	22.32
		1	51	22.96	23.01	22.93	21.47	21.66	21.96	22.46	22.95	22.71	21.38	21.10	22.39
		25	12	22.95	22.99	22.97	21.76	21.86	21.49	22.87	22.87	22.76	21.29	21.37	22.35
	256QAM	50	0	23.01	22.91	23.07	21.74	21.90	21.51	22.84	22.87	22.80	21.30	21.38	22.30
		1	0	20.96	21.01	20.98	19.85	20.11	19.15	21.03	20.69	20.98	19.32	19.47	20.34
		1	1	20.89	20.96	20.96	19.96	20.18	19.22	21.09	20.70	20.97	19.42	19.48	20.38
		1	50	20.93	20.87	21.06	19.60	19.81	20.01	20.52	21.05	20.75	19.29	19.03	20.31
		1	51	20.94	20.79	20.95	19.46	19.79	20.07	20.47	21.01	20.66	19.17	19.01	20.26
		25	12	21.02	20.91	21.03	19.81	19.94	19.59	20.89	20.94	20.80	19.30	19.33	20.29
		50	0	21.02	20.86	21.05	19.81	19.99	19.59	20.86	20.94	20.86	19.34	19.41	20.33

OUTPUT POWER FOR 5G NR n7 (15.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				501500	507000	512500	501500	507000	512500	501500	507000	512500	501500	507000	512500
15.0	BPSK	1	0	25.05	25.11	25.04	24.04	24.16	22.92	25.20	24.76	25.07	23.49	23.63	24.15
		1	1	25.60	25.57	25.65	24.70	24.70	23.52	25.70	25.31	25.70	24.03	24.20	24.15
		1	77	25.70	25.70	25.70	23.86	24.40	24.70	25.22	25.70	25.04	24.20	23.59	24.20
		1	78	25.09	24.98	25.08	23.18	23.81	24.06	24.57	25.08	23.91	23.60	23.02	24.15
		36	18	25.63	25.53	25.59	24.32	24.46	23.96	25.45	25.54	24.74	23.92	24.00	24.07
		75	0	24.97	24.96	25.01	23.68	23.87	23.41	24.83	24.93	24.12	23.35	23.23	23.94
	QPSK	1	0	24.60	24.60	24.58	23.54	23.55	22.33	24.54	24.18	24.18	22.96	23.05	23.76
		1	1	25.56	25.54	25.68	24.68	24.68	23.49	25.68	25.23	25.22	24.10	24.18	24.06
		1	77	25.68	25.62	25.69	23.78	24.32	24.68	25.19	25.65	24.59	24.19	23.50	24.17
		1	78	24.50	24.57	24.59	22.66	23.19	23.56	24.10	24.52	23.48	23.05	22.43	23.88
		36	18	25.67	25.64	25.64	24.37	24.44	23.95	25.49	25.64	24.73	23.95	23.90	24.17
		75	0	24.53	24.47	24.54	23.18	23.32	22.92	24.38	24.51	23.62	22.87	22.70	23.79
	16QAM	1	0	23.41	23.39	23.56	22.43	22.59	21.29	23.34	23.13	23.07	21.84	22.10	22.64
		1	1	24.45	24.46	24.46	23.50	23.63	22.34	24.54	24.13	23.98	22.84	23.10	23.73
		1	77	24.49	24.48	24.50	22.66	23.08	23.51	23.94	24.49	23.20	22.93	22.47	23.75
		1	78	23.45	23.50	23.45	21.54	22.20	22.42	22.92	23.42	22.16	21.86	21.42	22.76
		36	18	24.44	24.40	24.46	23.08	23.24	22.83	24.19	24.28	23.39	22.66	22.78	23.71
		75	0	23.45	23.39	23.52	22.08	22.29	21.86	23.22	23.36	22.41	21.83	21.78	22.77
	64QAM	1	0	23.01	22.99	22.88	22.05	22.15	20.80	22.88	22.40	22.37	21.40	21.61	22.22
		1	1	22.96	23.05	22.98	22.06	22.09	20.77	23.01	22.55	22.42	21.47	21.57	22.24
		1	77	23.00	22.99	22.91	21.17	21.67	21.93	22.44	22.78	21.69	21.40	20.97	22.35
		1	78	23.08	22.91	22.84	21.07	21.53	21.95	22.30	22.89	21.76	21.34	21.04	22.15
		36	18	22.96	22.91	22.89	21.66	21.69	21.24	22.71	22.81	21.98	21.19	21.28	22.17
		75	0	23.00	22.93	22.95	21.66	21.78	21.35	22.75	22.86	22.04	21.31	21.26	22.22
	256QAM	1	0	21.06	20.97	21.01	20.01	20.34	18.90	21.11	20.64	20.46	19.39	19.61	20.36
		1	1	20.94	21.00	21.17	20.10	20.34	18.92	21.22	20.61	20.50	19.51	19.51	20.35
		1	77	20.80	20.95	21.03	19.27	19.82	20.12	20.46	20.86	19.79	19.53	19.01	20.24
		1	78	21.01	21.01	20.93	19.29	19.70	20.27	20.44	20.98	19.76	19.48	18.84	20.31
		36	18	20.83	20.87	20.89	19.73	19.84	19.27	20.72	20.86	19.88	19.23	19.18	20.25
		75	0	20.89	20.95	20.94	19.67	19.92	19.40	20.78	20.91	20.02	19.33	19.22	20.24

OUTPUT POWER FOR 5G NR n7 (20.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				502000	507000	512000	502000	507000	512000	502000	507000	512000	502000	507000	512000
20.0	BPSK	1	0	25.08	24.96	24.96	24.01	24.15	22.60	25.09	24.57	25.16	23.43	23.61	23.47
		1	1	25.62	25.65	25.70	24.70	24.70	23.21	25.70	25.20	25.70	24.00	24.16	24.18
		1	104	25.69	25.70	25.70	23.38	24.19	24.70	25.21	25.70	24.59	24.20	24.13	24.20
		1	105	25.12	25.07	25.08	22.75	23.59	24.15	24.65	25.06	23.92	23.59	23.62	23.68
		50	25	25.70	25.51	25.57	24.19	24.30	23.74	25.37	25.60	24.90	24.16	24.20	24.18
		100	0	25.18	25.08	25.10	23.67	23.85	23.41	24.89	25.07	24.54	23.64	23.70	23.65
	QPSK	1	0	24.55	24.53	24.49	23.58	23.56	22.16	24.45	24.01	24.53	22.79	23.12	23.03
		1	1	25.68	25.62	25.68	24.67	24.68	23.27	25.62	25.13	25.68	23.96	24.16	24.15
		1	104	25.63	25.60	25.68	23.38	24.16	24.68	25.27	25.68	24.56	24.16	24.15	24.10
		1	105	24.47	24.51	24.55	22.24	23.07	23.51	24.14	24.52	23.44	23.20	23.09	23.03
		50	25	25.59	25.54	25.64	24.20	24.25	23.73	25.36	25.60	24.43	24.02	24.13	24.18
		100	0	24.61	24.54	24.60	23.18	23.31	22.89	24.43	24.53	23.97	23.21	23.17	23.15
	16QAM	1	0	23.55	23.29	23.40	22.42	22.59	21.00	23.35	23.02	23.57	21.83	22.01	22.00
		1	1	24.51	24.30	24.28	23.44	23.48	21.96	24.36	23.90	24.54	22.74	23.06	22.82
		1	104	24.45	24.48	24.49	22.14	22.99	23.40	24.10	24.52	23.36	23.03	23.04	22.93
		1	105	23.45	23.46	23.53	21.13	21.90	22.40	23.03	23.41	22.26	22.03	21.92	21.86
		50	25	24.53	24.42	24.43	22.96	23.05	22.56	24.11	24.41	23.47	22.99	22.92	23.05
		100	0	23.56	23.42	23.46	21.98	22.09	21.61	23.11	23.36	22.85	22.01	21.96	21.99
	64QAM	1	0	23.03	22.83	22.98	21.90	22.10	20.59	22.93	22.52	22.92	21.31	21.55	21.35
		1	1	23.01	22.88	22.89	21.88	22.04	20.44	22.95	22.39	22.93	21.17	21.51	21.37
		1	104	22.89	22.88	22.89	20.64	21.37	22.10	22.63	22.91	21.92	21.45	21.37	21.49
		1	105	22.85	23.05	22.90	20.69	21.45	21.94	22.47	22.97	21.75	21.66	21.53	21.52
		50	25	22.98	22.93	23.01	21.54	21.03	22.58	22.93	22.08	21.46	21.50	21.47	21.47
		100	0	22.96	22.97	23.02	21.50	21.63	21.09	22.68	22.87	22.29	21.42	21.51	21.46
	256QAM	1	0	21.02	20.86	20.92	20.04	20.10	18.65	21.09	20.45	20.83	19.26	19.50	19.31
		1	1	20.98	20.85	20.87	20.03	20.07	18.54	21.04	20.40	20.93	19.36	19.48	19.47
		1	104	20.98	20.90	20.92	18.72	19.61	19.86	20.41	20.89	19.76	19.42	19.30	19.54
		1	105	21.03	20.83	21.02	18.75	19.51	19.94	20.42	20.98	19.78	19.51	19.53	19.50
		50	25	20.98	20.90	20.90	19.58	19.69	19.13	20.57	20.97	20.26	19.44	19.43	19.46
		100	0	20.97	20.90	20.92	19.54	19.74	19.24	20.58	20.98	20.27	19.45	19.47	19.50

OUTPUT POWER FOR 5G NR n7 (25.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				502500	507000	511500	502500	507000	511500	502500	507000	511500	502500	507000	511500
25.0	BPSK	1	0	25.08	25.14	24.36	24.06	24.12	22.42	25.02	24.59	25.12	23.46	23.59	23.50
		1	1	25.70	25.70	24.84	24.70	24.70	23.06	25.70	25.14	25.70	24.11	24.20	24.07
		1	131	25.19	25.50	25.70	22.97	24.08	24.70	25.23	25.70	24.10	24.20	24.16	24.20
		1	132	24.55	24.80	25.20	22.47	23.42	24.08	24.71	25.06	23.56	23.56	23.64	23.57
		64	32	25.46	25.37	24.90	23.98	24.04	23.48	25.04	25.63	24.76	24.17	24.06	24.06
		128	0	24.83	24.85	24.34	23.28	23.49	23.00	24.63	25.01	24.23	23.55	23.49	23.47
	QPSK	1	0	24.53	24.53	23.70	23.57	23.58	22.00	24.10	24.07	24.60	22.98	23.02	22.94
		1	1	25.65	25.68	24.69	24.69	24.68	23.07	25.23	25.13	25.67	24.05	24.09	24.02
		1	131	25.12	25.40	25.60	23.01	23.91	24.59	25.31	25.68	24.26	24.18	24.18	23.77
		1	132	24.12	24.27	24.55	21.83	22.86	23.53	24.10	24.53	23.03	22.99	22.97	22.75
		64	32	25.37	25.30	24.90	23.95	23.86	23.49	25.08	25.64	24.76	24.10	23.90	24.04
		128	0	24.41	24.27	23.94	22.79	22.86	22.47	24.20	24.54	23.74	23.01	22.90	23.03
	16QAM	1	0	23.65	23.62	22.29	22.53	22.52	20.93	23.19	22.80	23.53	21.89	21.98	21.81
		1	1	24.59	24.43	23.61	23.42	23.55	21.88	24.31	24.08	24.52	22.89	23.00	22.81
		1	131	24.11	24.25	24.31	21.65	22.81	23.47	24.22	24.53	23.01	22.93	22.93	22.87
		1	132	22.94	23.32	23.54	20.75	21.74	22.37	23.17	23.41	22.02	21.88	22.02	21.87
		64	32	24.28	24.21	23.82	22.76	22.82	22.31	23.95	24.47	23.63	22.98	22.86	22.94
		128	0	23.31	23.26	22.75	21.71	21.90	21.36	23.06	23.44	22.70	21.97	21.92	21.89
	64QAM	1	0	22.99	23.14	21.92	21.79	22.15	20.25	22.70	22.52	22.91	21.45	21.45	21.27
		1	1	22.97	22.99	22.06	21.98	21.88	20.36	22.67	22.34	22.94	21.26	21.48	21.43
		1	131	22.44	22.83	22.92	20.37	21.34	21.85	22.57	23.01	21.62	21.45	21.65	21.52
		1	132	22.56	22.77	22.91	20.19	21.35	21.92	22.66	22.99	21.39	21.43	21.40	21.42
		64	32	22.80	22.73	22.28	21.24	21.35	20.76	22.49	22.95	22.12	21.48	21.35	21.38
		128	0	22.76	22.73	22.36	21.18	21.44	20.91	22.60	22.87	22.17	21.55	21.35	21.38
	256QAM	1	0	21.08	21.08	20.18	20.13	20.18	18.52	21.11	20.45	21.12	19.30	19.43	19.51
		1	1	21.15	21.03	20.12	20.24	20.17	18.51	21.02	20.35	21.05	19.21	19.35	19.47
		1	131	20.48	20.62	21.07	18.28	19.35	19.96	20.65	20.99	19.54	19.45	19.39	19.56
		1	132	20.43	20.66	20.89	18.22	19.39	19.99	20.76	20.97	19.37	19.41	19.39	19.40
		64	32	20.73	20.71	20.24	19.37	19.38	18.89	20.44	20.96	20.02	19.45	19.30	19.38
		128	0	20.74	20.74	20.26	19.33	19.51	18.94	20.58	20.88	20.06	19.52	19.32	19.42

OUTPUT POWER FOR 5G NR n7 (30.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				503000	507000	511000	503000	507000	511000	503000	507000	511000	503000	507000	511000
30.0	BPSK	1	0	25.08	25.08	25.55.0	25.15.0	25.35.0	25.55.0	25.15.0	25.35.0	25.55.0	25.15.0	25.35.0	25.55.0
		1	1	25.70	25.70	24.81	24.70	24.70	23.11	25.70	25.15	25.70	24.12	24.20	24.08
		1	158	25.02	25.27	25.70	22.68	23.80	24.70	25.52	25.66	24.06	24.18	24.18	24.20
		1	159	24.43	24.75	25.16	21.99	23.15	24.12	24.94	25.10	23.55	23.57	23.59	23.60
		80	40	25.42	25.26	24.95	23.72	23.75	23.49	25.10	25.70	24.87	24.20	24.07	24.05
		160	0	24.80	24.75	24.45	23.10	23.29	23.06	24.67	25.07	24.36	23.64	23.51	23.60
	QPSK	1	0	24.60	24.59	23.53	23.50	23.55	22.00	24.30	23.80	24.65	23.00	22.88	22.97
		1	1	25.63	25.62	24.68	24.68	24.68	23.08	25.46	24.99	25.68	24.06	24.18	23.97
		1	158	25.06	25.35	25.68	22.55	23.73	24.66	25.48	25.47	24.12	24.16	24.06	24.13
		1	159	23.94	24.27	24.60	21.47	22.62	23.62	24.49	24.28	22.92	23.01	22.91	23.00
		80	40	25.53	25.28	24.89	23.72	23.69	23.47	25.14	25.68	24.90	24.17	23.95	24.17
		160	0	24.38	24.31	23.88	22.54	22.75	22.56	24.21	24.50	23.85	23.11	22.90	23.09
	16QAM	1	0	23.53	23.54	22.63	22.44	22.57	20.91	23.21	22.85	23.58	21.99	21.92	21.87
		1	1	24.62	24.43	23.55	23.63	23.46	22.01	24.39	24.00	24.43	22.92	22.97	22.84
		1	158	23.89	24.07	24.64	21.43	22.62	23.42	24.24	24.39	22.88	23.07	23.06	22.98
		1	159	23.02	23.12	23.36	20.53	21.63	22.45	23.29	23.47	21.90	21.88	22.11	21.94
		80	40	24.25	24.06	23.73	22.62	22.61	22.38	23.88	24.72	23.77	23.06	22.96	22.92
		160	0	23.25	23.14	22.85	21.53	21.79	21.48	23.07	23.56	22.81	22.03	21.96	22.01
	64QAM	1	0	22.94	23.04	21.97	22.05	22.02	20.36	22.81	22.58	22.95	21.41	21.53	21.22
		1	1	22.99	23.00	22.08	22.00	21.98	20.47	22.95	22.45	22.90	21.47	21.57	21.50
		1	158	22.43	22.64	23.02	20.12	21.03	22.04	22.96	22.80	21.34	21.44	21.57	21.38
		1	159	22.39	22.66	22.87	19.95	21.11	21.97	22.74	22.85	21.32	21.44	21.47	21.60
		80	40	22.77	22.61	22.15	21.11	21.13	20.85	22.47	23.20	22.16	21.50	21.43	21.45
		160	0	22.70	22.71	22.27	21.04	21.27	20.99	22.64	23.10	22.26	21.55	21.44	21.47
	256QAM	1	0	21.04	21.16	20.01	20.24	19.88	18.67	21.05	20.51	21.08	19.52	19.57	19.43
		1	1	20.98	21.08	20.04	20.09	20.16	18.69	21.27	20.65	21.04	19.41	19.57	19.38
		1	158	20.45	20.57	20.84	18.01	19.29	20.26	20.84	20.89	19.18	19.38	19.50	19.48
		1	159	20.34	20.78	20.96	17.90	19.13	20.21	20.84	20.86	19.35	19.57	19.40	19.65
		80	40	20.76	20.71	20.20	19.13	19.20	18.93	20.37	21.16	20.20	19.54	19.47	19.46
		160	0	20.69	20.66	20.28	19.09	19.32	19.07	20.58	21.01	20.30	19.47	19.49	19.44

OUTPUT POWER FOR 5G NR n7 (35.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				503500	507000	510500	503500	507000	510500	503500	507000	510500	503500	507000	510500
35.0	BPSK	1	0	2517.5	2535.0	2552.5	2517.5	2535.0	2552.5	2517.5	2535.0	2552.5	2517.5	2535.0	2552.5
		1	1	24.20	24.09	25.14	24.37	23.83	23.95	25.45	25.55	25.58	23.98	24.01	24.08
		1	1	24.77	24.69	25.70	24.65	24.42	24.54	25.55	25.69	25.65	24.04	23.98	24.12
		1	186	25.70	25.25	24.13	24.70	24.70	24.70	25.70	25.61	25.61	24.19	24.20	24.20
		1	187	25.31	24.83	23.77	24.37	23.95	24.03	25.20	25.67	25.62	24.16	24.16	24.13
		90	45	24.56	25.70	25.10	24.40	24.66	24.58	25.67	25.70	25.70	24.20	24.10	24.18
	QPSK	180	0	24.20	24.96	24.56	24.31	24.06	24.02	25.48	25.54	25.47	24.13	24.06	24.16
		1	0	23.76	23.66	24.61	23.78	23.39	23.44	23.28	24.92	24.98	23.09	23.85	23.77
		1	1	24.82	24.56	25.53	23.80	24.69	24.66	25.51	25.48	25.38	23.85	24.03	24.03
		1	186	25.68	25.15	24.03	23.50	24.59	24.47	25.63	25.51	25.23	24.18	24.09	24.11
		1	187	24.77	24.19	23.11	22.81	23.75	23.78	24.72	24.83	24.15	23.95	23.80	23.45
		90	45	24.57	25.56	25.02	23.84	24.67	24.57	25.68	25.68	25.57	24.01	24.19	24.18
	16QAM	180	0	23.78	24.24	23.96	22.65	23.62	23.54	24.90	24.91	24.22	23.83	23.87	23.70
		1	0	22.83	22.19	23.36	21.53	22.33	22.36	24.27	23.79	23.30	22.16	22.63	21.96
		1	1	23.93	23.59	24.11	22.70	23.25	23.43	25.16	24.31	24.20	23.28	23.74	23.69
		1	186	24.66	24.01	22.90	22.51	23.59	23.89	25.49	24.79	24.13	23.90	23.88	23.59
		1	187	23.86	23.08	21.82	21.82	22.44	22.80	24.56	23.70	23.63	22.76	22.94	22.53
		90	45	23.46	24.44	23.78	22.61	23.38	23.51	25.66	24.93	24.79	23.87	23.84	23.89
	64QAM	180	0	22.63	23.23	22.81	21.72	22.45	22.38	24.69	23.93	23.63	22.88	22.81	22.92
		1	0	22.16	21.83	22.66	21.36	21.80	21.43	23.80	23.41	23.72	21.76	22.23	22.29
		1	1	22.20	21.89	22.86	20.82	21.81	21.82	23.90	23.47	23.44	21.67	22.13	22.44
		1	186	23.42	22.54	21.53	21.46	22.30	21.91	24.33	23.41	22.89	22.28	22.35	22.01
		1	187	23.07	22.80	21.40	21.23	22.22	22.32	24.36	23.33	23.54	22.46	22.19	22.04
		90	45	21.96	22.94	22.33	21.12	21.95	21.90	24.43	23.44	23.38	22.34	22.25	22.45
	256QAM	180	0	22.18	22.73	22.36	21.16	22.04	22.04	24.49	23.38	23.32	22.32	22.36	22.42
		1	0	20.43	20.09	21.02	19.85	20.26	20.38	22.42	21.59	21.32	20.40	20.45	20.20
		1	1	20.16	20.14	21.14	19.32	20.24	19.76	22.70	21.28	21.29	20.22	20.39	20.39
		1	186	21.13	20.90	19.56	19.24	19.97	20.17	22.72	21.36	21.31	20.43	20.39	20.52
		1	187	21.01	20.65	19.44	19.14	20.09	20.09	22.51	21.43	20.99	20.21	20.23	20.51
		90	45	19.93	21.08	20.35	19.05	19.95	19.99	22.33	21.50	21.36	20.36	20.24	20.43
		180	0	20.25	20.84	20.37	19.17	20.01	19.98	22.18	21.36	21.36	20.36	20.33	20.38

OUTPUT POWER FOR 5G NR n7 (40.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				504000	507000	510000	504000	507000	510000	504000	507000	510000	504000	507000	510000
40.0	BPSK	1	0	2520.0	2535.0	2550.0	2520.0	2535.0	2550.0	2520.0	2535.0	2550.0	2520.0	2535.0	2550.0
		1	1	24.90	25.11	24.22	24.12	24.09	22.66	24.85	24.40	25.19	23.56	23.49	23.42
		1	1	25.70	25.70	24.85	24.70	24.70	23.26	25.46	25.14	25.70	24.12	24.11	24.08
		1	214	24.72	25.28	25.70	22.27	23.55	24.70	25.70	25.18	24.37	24.20	24.20	24.20
		1	215	24.03	24.68	25.16	21.64	22.89	24.03	25.12	24.53	23.79	23.55	23.55	23.61
		108	54	25.05	25.15	24.81	23.28	23.33	23.20	24.85	25.70	25.51	24.19	23.91	24.09
	QPSK	216	0	24.65	24.78	24.52	22.86	23.08	22.98	24.62	25.08	24.94	23.72	23.53	23.62
		1	0	24.45	24.61	23.62	23.56	23.63	22.24	23.93	24.01	24.60	22.94	22.99	22.88
		1	1	25.65	25.63	24.76	24.68	24.58	23.37	25.03	25.10	25.65	24.09	24.09	23.98
		1	214	24.81	25.31	25.68	22.26	23.51	24.69	25.59	25.16	24.44	24.00	24.12	24.12
		1	215	23.61	24.21	24.60	21.26	22.47	23.52	24.55	24.04	23.37	23.10	23.01	22.99
		108	54	25.14	25.19	24.81	23.23	23.38	23.25	24.87	25.68	25.57	24.18	23.97	24.17
	16QAM	216	0	24.18	24.54	23.97	22.32	22.61	22.51	24.17	24.55	24.47	23.21	23.06	23.12
		1	0	23.38	23.76	22.62	22.30	22.51	21.17	22.89	22.87	23.58	21.89	21.96	21.68
		1	1	24.45	24.62	23.60	23.54	23.51	22.02	24.09	24.07	24.57	22.98	22.93	23.08
		1	214	23.54	24.18	24.53	21.18	22.40	23.54	24.56	24.03	23.28	23.10	22.97	22.84
		1	215	22.53	23.15	23.45	20.12	21.34	22.42	23.41	22.97	22.28	21.99	21.89	21.97
		108	54	23.98	24.08	23.68	22.13	22.16	22.04	23.71	24.53	24.40	23.13	22.83	22.92
	64QAM	216	0	22.98	23.15	22.81	21.19	21.46	21.28	23.00	23.38	23.33	22.10	21.85	21.93
		1	0	22.72	23.04	22.15	21.72	21.97	20.73	22.45	22.23	22.85	21.52	21.46	21.22
		1	1	22.93	22.92	22.15	21.95	21.91	20.52	22.61	22.35	23.12	21.50	21.43	21.07
		1	214	21.92	22.68	22.86	19.65	20.93	21.88	22.94	22.37	21.76	21.45	21.54	21.55
		1	215	22.08	22.78	23.14	19.65	20.85	22.13	22.86	22.36	21.67	21.45	21.48	21.75
		108	54	22.54	22.68	22.13	20.59	20.76	20.64	22.21	23.05	22.86	21.51	21.24	21.37
	256QAM	216	0	22.46	22.73	22.41	20.62	20.91	20.86	22.58	22.79	22.81	21.53	21.34	21.42
		1	0	21.05	21.20	20.23	20.22	19.96	18.79	20.81	20.42	21.09	19.47	19.36	19.42
		1	1	20.82	21.01	20.25	20.16	20.10	18.82	20.78	20.49	21.10	19.64	19.34	19.46
		1	214	19.91	20.84	20.91	17.68	19.05	20.01	21.01	20.51	19.74	19.34	19.51	19.36
		1	215	20.05	20.65	20.86	17.66	18.84	19.97	20.95	20.40	19.76	19.39	19.27	19.49
		108	54	20.50	20.74	20.17	18.66	18.78	18.65	20.20	21.10	20.90	19.58	19.32	19.44
		216	0	20.48	20.74	20.31	18.69	18.99	18.91	20.49	20.81	20.80	19.59	19.33	19.48

OUTPUT POWER FOR 5G NR n7 (50.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				505000	507000	509000	505000	507000	509000	505000	507000	509000	505000	507000	509000
50.0	BPSK	1	0	25.11	25.20	24.56	24.15	24.07	23.50	25.23	25.11	25.27	23.47	23.60	23.45
		1	1	25.70	25.70	25.16	24.70	24.70	24.04	25.70	25.70	25.70	24.09	24.11	24.06
		1	268	25.00	25.49	25.70	22.44	23.46	24.70	25.51	25.16	24.91	24.20	24.20	24.20
		1	269	24.31	24.89	25.17	21.80	22.91	24.02	24.99	24.51	24.37	23.61	23.64	23.66
		135	67	24.50	24.51	24.14	22.41	22.34	22.60	24.80	25.58	25.67	23.52	23.45	23.47
		270	0	24.51	24.62	24.30	22.54	22.58	22.86	24.82	25.25	25.33	23.46	23.43	23.41
		1	0	24.54	24.55	24.05	23.61	23.00	23.01	24.16	24.62	24.61	22.96	23.06	22.98
	QPSK	1	1	25.59	25.68	24.98	24.69	24.06	24.07	25.27	25.66	25.68	24.11	24.16	24.15
		1	268	24.93	25.30	25.68	22.49	24.68	24.68	25.68	24.47	24.94	24.09	24.18	23.89
		1	269	23.77	24.39	24.58	21.43	23.54	23.56	24.33	23.52	23.72	22.98	23.01	22.79
		135	67	24.01	23.91	23.51	21.86	23.01	22.06	24.21	25.05	25.01	23.01	22.87	22.95
		270	0	24.06	24.06	23.73	22.02	23.29	22.38	24.39	24.85	24.68	22.98	22.85	22.96
		1	0	23.50	23.57	23.00	22.60	23.58	22.02	23.19	23.55	23.66	21.87	21.90	21.78
		1	1	24.40	24.61	24.03	23.53	23.66	22.79	24.32	24.48	24.63	22.81	22.98	23.03
	16QAM	1	268	23.69	24.21	24.46	21.30	23.48	23.24	24.47	23.61	23.64	22.96	23.01	22.75
		1	269	22.61	23.10	23.74	20.23	22.52	22.42	23.27	22.67	22.74	21.81	21.99	21.93
		135	67	22.86	22.85	22.59	20.71	22.02	21.06	23.17	23.95	23.96	21.79	21.78	21.84
		270	0	22.92	22.97	22.79	20.87	22.30	21.38	23.39	23.67	23.79	21.83	21.90	21.89
		1	0	22.95	23.22	22.48	22.07	23.74	21.42	22.64	23.02	22.93	21.26	21.52	21.40
		1	1	22.86	23.04	22.49	22.10	23.60	21.28	22.78	22.97	22.98	21.28	21.30	21.21
		1	268	22.20	22.87	22.96	19.74	22.58	21.86	22.90	22.09	22.27	21.49	21.51	21.40
	64QAM	1	269	22.22	22.81	23.15	19.68	22.61	21.77	23.03	22.02	22.22	21.47	21.48	21.37
		135	67	22.36	22.48	22.04	20.30	22.12	20.51	22.67	23.45	23.49	21.35	21.32	21.40
		270	0	22.39	22.59	22.25	20.48	22.38	20.79	22.83	23.17	23.21	21.33	21.38	21.36
	256QAM	1	0	20.98	21.01	20.43	20.08	21.96	19.42	21.14	21.02	20.93	19.30	19.20	19.45
		1	1	21.01	20.99	20.48	19.96	21.80	19.58	20.95	20.95	21.09	19.42	19.62	19.52
		1	268	20.15	20.90	20.89	17.89	20.46	19.89	20.77	20.64	20.36	19.29	19.42	19.42
		1	269	20.25	20.81	20.97	17.62	20.64	20.00	20.90	20.56	20.24	19.30	19.40	19.50
		135	67	20.36	20.42	20.06	18.31	20.17	18.61	20.67	21.52	21.57	19.36	19.36	19.35
		270	0	20.41	20.54	20.27	18.53	20.44	18.82	20.86	21.23	21.21	19.35	19.39	19.34

8.3. ULCA LTE BAND 7

Test Engineer ID:	27700	Test Date:	2025-03-08
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OUTPUT POWER FOR ULCA LTE BAND 7 (10.0MHz + 20.0MHz)

Bandwidth	PCC	SCC1	PCC	PCC	SCC1	SCC1	Conducted Average (dBm)															
	Frequency	Frequency	RB	RB	RB	RB	ANT 3				ANT 4				ANT 2				ANT 1			
	(MHz)	(MHz)	Size	Offset	Size	Offset	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
10MHz / 20MHz	2505.5	2519.9	1	49	1	0	25.91	24.92	23.72	20.73	24.90	23.86	22.89	19.75	25.20	24.14	23.07	20.16	24.42	23.40	22.28	19.35
			50	0	100	0	23.90	22.76	22.81	20.89	22.95	21.86	21.74	19.82	23.15	22.00	22.11	19.97	22.45	21.41	21.27	19.20
	2525.6	2540.0	1	49	1	0	25.91	24.91	23.90	20.88	24.92	23.95	22.80	19.65	25.16	24.06	23.19	19.99	24.41	23.31	22.28	19.22
			50	0	100	0	23.94	22.92	22.80	20.89	22.93	21.80	21.76	19.86	23.20	22.02	21.96	20.11	22.40	21.35	21.29	19.25
	2545.6	2560.0	1	49	1	0	25.95	24.95	23.91	20.95	24.94	23.85	22.72	19.77	25.17	24.06	23.00	19.99	24.40	23.35	22.41	19.27
			50	0	100	0	23.93	22.95	22.93	20.84	22.94	21.94	21.90	19.92	23.16	22.04	22.10	20.13	22.42	21.42	21.27	19.30

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

Bandwidth	PCC Frequency (MHz)	SCC1 Frequency (MHz)	PCC RB Size	PCC RB Offset	SCC1 RB Size	SCC1 RB Offset	Conducted Average (dBm)															
							ANT 3				ANT 4				ANT 2				ANT 1			
							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	25.91	24.86	23.72	20.67	24.94	23.78	22.88	19.94	25.16	24.02	23.02	19.96	24.43	23.30	22.25	19.34
			100	0	50	0	23.94	22.83	22.73	20.75	22.91	21.76	21.70	19.78	23.20	22.18	22.17	20.03	22.40	21.42	21.20	19.29
	2530.1	2544.5	1	99	1	0	25.95	24.82	23.89	20.69	24.95	23.78	22.71	19.88	25.17	24.05	23.08	20.07	24.42	23.36	22.40	19.37
			100	0	50	0	23.95	22.77	22.80	20.92	22.93	21.76	21.88	19.84	23.19	22.04	22.08	19.99	22.42	21.35	21.24	19.38
	2550.1	2564.5	1	99	1	0	25.93	24.89	23.86	20.81	24.94	23.81	22.73	19.67	25.18	24.01	23.19	20.17	24.41	23.43	22.33	19.45
			100	0	50	0	23.92	22.87	22.92	20.81	22.92	21.91	21.94	19.89	23.16	22.03	22.20	20.01	22.44	21.27	21.27	19.38

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

Bandwidth	PCC Frequency (MHz)	SCC1 Frequency (MHz)	PCC		SCC1		Conducted Average (dBm)															
			RB	Offset	RB	Offset	ANT 3				ANT 4				ANT 2				ANT 1			
			Size		Size		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	25.93	24.86	23.71	20.85	24.95	23.81	22.80	19.70	25.19	24.04	23.07	20.18	24.42	23.28	22.35	19.39
			75	0	75	0	23.92	22.85	22.85	20.73	22.93	21.82	21.82	19.66	23.18	22.08	22.16	20.16	22.40	21.33	21.33	19.29
	2527.5	2542.5	1	74	1	0	25.90	24.82	23.94	20.95	24.91	23.84	22.84	19.67	25.15	24.08	23.14	20.15	24.45	23.41	22.21	19.39
			75	0	75	0	23.95	22.77	22.77	20.79	22.93	21.84	21.88	19.88	23.20	22.17	22.01	19.97	22.42	21.27	21.40	19.35
	2547.5	2562.5	1	74	1	0	25.91	24.95	23.76	20.75	24.95	23.86	22.76	19.90	25.16	24.03	23.06	20.20	24.45	23.36	22.26	19.16
			75	0	75	0	23.91	22.91	22.92	20.85	22.91	21.82	21.91	19.87	23.20	22.07	22.16	20.15	22.45	21.25	21.39	19.45

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

Bandwidth	PCC Frequency (MHz)	SCC1 Frequency (MHz)	PCC RB		SCC1 RB		Conducted Average (dBm)															
			Size	Offset	Size	Offset	ANT 3				ANT 4				ANT 2				ANT 1			
							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	25.91	24.93	23.73	20.72	24.95	23.87	22.90	19.81	25.18	24.02	23.06	20.13	24.42	23.40	22.35	19.17
			75	0	100	0	23.93	22.95	22.93	20.66	22.94	21.80	21.81	19.67	23.16	22.11	22.01	20.14	22.44	21.29	21.37	19.44
	2525.3	2542.4	1	74	1	0	25.95	24.84	23.90	20.82	24.93	23.92	22.74	19.75	25.19	24.11	23.09	20.09	24.45	23.35	22.35	19.44
			75	0	100	0	23.95	22.87	22.76	20.78	22.92	21.92	21.87	19.74	23.17	22.05	22.10	19.95	22.42	21.41	21.35	19.45
	2542.9	2560.0	1	74	1	0	25.90	24.77	23.75	20.79	24.93	23.85	22.81	19.71	25.19	24.06	23.06	20.04	24.40	23.38	22.23	19.30
			75	0	100	0	23.94	22.92	22.78	20.80	22.90	21.90	21.86	19.81	23.17	22.04	22.15	19.95	22.44	21.30	21.23	19.40

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

Bandwidth	PCC Frequency (MHz)	SCC1 Frequency (MHz)	PCC RB Size	PCC RB Offset	SCC1 RB Size	SCC1 RB Offset	Conducted Average (dBm)															
							ANT 3				ANT 4				ANT 2				ANT 1			
							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	25.95	24.90	23.91	20.69	24.92	23.92	22.78	19.93	25.19	24.05	23.17	19.97	24.42	23.42	22.38	19.40
			100	0	75	0	23.93	22.90	22.83	20.80	22.91	21.85	21.94	19.82	23.20	22.17	22.11	20.16	22.40	21.26	21.23	19.41
	2527.6	2544.7	1	99	1	0	25.91	24.89	23.94	20.77	24.95	23.76	22.92	19.70	25.16	24.10	23.08	20.04	24.42	23.39	22.41	19.41
			100	0	75	0	23.91	22.92	22.91	20.95	22.93	21.95	21.74	19.77	23.18	22.02	22.04	19.90	22.40	21.43	21.41	19.44
	2545.1	2562.2	1	99	1	0	25.90	24.77	23.75	20.84	24.92	23.85	22.82	19.88	25.17	24.08	23.14	20.17	24.44	23.32	22.45	19.15
			100	0	75	0	23.91	22.86	22.84	20.77	22.91	21.79	21.71	19.79	23.15	22.05	22.10	19.98	22.41	21.38	21.34	19.39

OUTPUT POWER FOR ULCA LTE BAND 7 (20.0MHz + 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 3				ANT 4				ANT 2				ANT 1			
							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	25.91	24.75	23.95	20.73	24.93	23.88	22.81	19.77	25.18	24.03	23.02	20.10	24.43	23.35	22.42	19.19
			1	0	1	99	17.41	17.27	17.34	17.23	16.45	16.36	16.31	16.24	16.69	16.57	16.69	16.45	15.92	15.75	15.73	15.81
	100	1	0	100	0	23.92	22.85	22.79	20.84	22.94	21.92	18.34	19.80	23.17	22.16	22.05	20.13	22.42	21.30	21.23	19.19	
	1	99	1	0	25.90	24.77	23.79	20.76	24.90	23.82	22.75	19.95	25.18	24.19	23.07	19.92	24.45	23.25	22.29	19.42		
	1	0	1	99	17.40	17.30	17.45	17.39	16.45	16.36	16.24	16.39	16.66	16.66	16.70	16.61	15.93	15.83	15.84	15.81		
	100	0	100	0	23.92	22.90	22.86	20.79	22.92	21.78	21.70	19.92	23.17	22.00	22.04	20.12	22.44	21.26	21.33	19.26		
	1	99	1	0	25.95	24.89	23.93	20.95	24.93	23.78	22.91	19.95	25.16	24.10	23.01	19.95	24.43	23.39	22.43	19.41		
	1	0	1	99	17.43	17.25	17.35	17.34	16.43	16.34	16.40	16.20	16.70	16.69	16.68	16.50	15.95	15.77	15.95	15.87		
	100	0	100	0	23.90	22.93	22.74	20.79	22.94	21.91	21.71	19.81	23.17	22.05	22.08	20.16	22.43	21.77	21.44	19.24		
	2525.1	2544.9	1	99	1	0	25.90	24.77	23.79	20.76	24.90	23.82	22.75	19.95	25.18	24.19	23.07	19.92	24.45	23.25	22.29	19.42
1	0		1	99	17.40	17.30	17.45	17.39	16.45	16.36	16.24	16.39	16.66	16.66	16.70	16.61	15.93	15.83	15.84	15.81		
2540.2	2560.0	1	99	1	0	25.95	24.89	23.93	20.95	24.93	23.78	22.91	19.95	25.16	24.10	23.01	19.95	24.43	23.39	22.43	19.41	
			1	0	1	99	17.43	17.25	17.35	17.34	16.43	16.34	16.40	16.20	16.70	16.69	16.68	16.50	15.95	15.77	15.95	15.87
			100	0	100	0	23.90	22.93	22.74	20.79	22.94	21.91	21.71	19.81	23.17	22.05	22.08	20.16	22.43	21.77	21.44	19.24

8.4. LTE BAND 41 (FCC)

Test Engineer ID: 39004 Test Date: 2025-01-24

OUTPUT POWER FOR LTE BAND 41 (5.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				39675	40620	41565	39675	40620	41565	39675	40620	41565	39675	40620	41565
5.0	QPSK	1	0	25.17	28.68	27.70	24.41	28.70	28.00	25.06	28.70	27.70	23.97	28.70	26.50
		1	12	27.67	28.59	27.59	27.87	28.50	27.96	28.51	28.56	27.63	26.48	28.60	26.46
		1	24	27.70	28.33	27.18	28.00	28.19	27.70	28.70	28.27	27.33	26.50	28.32	26.16
		12	0	23.40	27.40	26.49	23.39	27.65	26.86	24.05	27.64	26.46	22.15	27.46	25.19
		12	6	23.44	27.52	26.41	23.51	27.53	26.78	24.20	27.54	26.46	22.19	27.52	25.09
		12	11	26.47	27.56	26.32	26.61	27.44	26.72	27.29	27.46	26.40	25.23	27.53	25.02
		25	0	23.34	27.58	26.39	23.43	27.51	26.75	24.10	27.53	26.38	22.13	27.59	25.06
	16QAM	1	0	23.58	27.70	26.70	23.35	27.70	27.00	24.06	27.70	26.70	22.29	27.67	25.50
		1	12	26.64	27.54	26.60	26.72	27.45	26.93	27.47	27.56	26.69	25.50	27.70	25.38
		1	24	26.70	27.46	26.24	27.00	27.15	26.73	27.70	27.32	26.32	25.41	27.46	25.03
		12	0	22.38	26.55	25.51	22.42	27.01	25.87	23.16	27.01	25.53	21.20	26.65	24.21
		12	6	22.46	26.67	25.41	22.55	26.89	25.84	23.25	26.95	25.45	21.24	26.68	24.14
		12	11	25.57	26.79	25.36	25.63	26.76	25.74	26.37	26.87	25.39	24.24	26.75	24.07
		25	0	22.44	26.60	25.39	22.45	26.85	25.76	23.15	26.92	25.40	21.16	26.66	24.08
	64QAM	1	0	22.65	27.03	25.81	22.44	27.28	26.14	23.12	27.34	25.83	21.44	26.97	24.56
		1	12	25.77	27.07	25.69	25.88	27.20	26.04	26.59	27.16	25.81	24.57	26.94	24.40
		1	24	25.77	26.94	25.41	26.13	26.72	25.71	26.77	26.91	25.56	24.46	26.81	24.08
		12	0	21.50	25.71	24.57	21.38	25.95	24.88	22.10	26.03	24.66	20.14	25.67	23.25
		12	6	21.49	25.72	24.45	21.57	25.89	24.90	22.22	25.92	24.58	20.23	25.71	23.18
		12	11	24.55	25.94	24.32	24.67	25.78	24.83	25.34	25.85	24.52	23.25	25.75	23.03
		25	0	21.44	25.71	24.42	21.46	25.87	24.79	22.16	25.92	24.49	20.21	25.67	23.09
	256QAM	1	0	19.60	24.01	22.73	19.31	24.23	23.07	20.03	24.23	22.69	18.28	23.89	21.39
		1	12	22.75	24.00	22.65	22.87	24.07	23.02	23.60	24.17	22.70	21.37	23.89	21.31
		1	24	22.61	23.80	22.27	22.85	23.70	22.71	23.57	23.79	22.39	21.36	23.63	20.84
		12	0	19.42	23.67	22.54	19.35	23.97	22.87	20.07	24.03	22.53	18.17	23.59	21.20
		12	6	19.46	23.76	22.48	19.46	23.86	22.82	20.16	23.94	22.59	18.17	23.68	21.16
		12	11	22.49	23.84	22.33	22.61	23.75	22.73	23.29	23.81	22.45	21.23	23.70	21.03
		25	0	19.46	23.62	22.34	19.43	23.71	22.72	20.14	23.82	22.46	18.18	23.55	21.00

OUTPUT POWER FOR LTE BAND 41 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				39700	40620	41540	39700	40620	41540	39700	40620	41540	39700	40620	41540
10.0	QPSK	1	0	25.01.0	25.93.0	26.85.0	25.01.0	25.93.0	26.85.0	25.01.0	25.93.0	26.85.0	25.01.0	25.93.0	26.85.0
		1	24	22.89	28.70	27.70	22.26	28.70	28.00	22.98	28.70	27.70	21.75	28.70	26.50
		1	49	27.70	28.08	27.00	28.00	27.76	27.61	28.61	27.86	27.42	26.50	28.03	26.10
		25	0	23.34	27.24	26.60	23.58	27.60	26.84	24.28	27.57	26.45	22.16	27.49	25.31
		25	12	26.45	27.25	26.55	26.84	27.37	26.84	27.51	27.40	26.44	25.25	27.45	25.23
		25	24	25.48	27.29	26.37	25.82	27.17	26.72	26.49	27.16	26.35	24.34	27.36	25.08
		50	0	23.37	27.44	26.47	23.68	27.40	26.75	24.38	27.36	26.38	22.19	27.50	25.19
	16QAM	1	0	21.32	27.70	26.70	21.27	27.70	26.89	22.02	27.70	26.55	20.30	27.70	25.50
		1	24	26.53	27.49	26.58	27.00	27.24	27.00	27.70	27.31	26.70	25.39	27.40	25.34
		1	49	26.70	27.19	26.13	26.98	26.84	26.59	27.58	26.92	26.23	25.50	27.09	24.86
		25	0	22.33	26.39	25.67	22.59	26.93	25.85	23.32	26.90	25.46	21.21	26.39	24.35
		25	12	25.47	26.51	25.57	25.88	26.72	25.86	26.56	26.75	25.47	24.30	26.51	24.29
		25	24	24.50	26.70	25.40	24.86	26.54	25.76	25.52	26.55	25.35	23.39	26.68	24.12
		50	0	22.36	26.60	25.53	22.73	26.70	25.81	23.37	26.72	25.37	21.26	26.52	24.19
	64QAM	1	0	20.50	27.07	25.90	20.39	27.32	25.94	21.08	27.30	25.61	19.29	27.02	24.53
		1	24	25.60	26.77	25.83	26.13	26.91	26.05	26.74	27.01	25.67	24.48	26.87	24.50
		1	49	25.80	26.71	25.30	26.05	26.35	25.70	26.79	26.39	25.35	24.68	26.56	24.01
		25	0	21.35	25.47	24.65	21.62	25.95	24.88	22.27	25.97	24.45	20.21	25.43	23.36
		25	12	24.47	25.54	24.53	24.85	25.77	24.83	25.55	25.77	24.47	23.29	25.52	23.26
		25	24	23.51	25.70	24.39	23.87	25.53	24.74	24.53	25.55	24.38	22.39	25.69	23.11
		50	0	21.38	25.56	24.50	21.73	25.74	24.80	22.37	25.75	24.38	20.21	25.53	23.18
	256QAM	1	0	17.34	24.04	22.76	17.30	24.24	22.92	18.05	24.21	22.49	16.25	24.00	21.47
		1	24	22.56	23.73	22.64	22.98	23.83	22.98	23.64	23.88	22.56	21.42	23.71	21.38
		1	49	22.74	23.43	22.14	22.96	23.26	22.53	23.64	23.26	22.25	21.56	23.49	20.86
		25	0	19.28	23.44	22.64	19.51	23.89	22.84	20.24	23.95	22.40	18.11	23.43	21.30
		25	12	22.46	23.54	22.54	22.87	23.72	22.85	23.54	23.76	22.44	21.31	23.47	21.24
		25	24	21.52	23.67	22.39	21.89	23.50	22.76	22.51	23.53	22.36	20.39	23.64	21.08
		50	0	19.38	23.46	22.41	19.71	23.61	22.74	20.40	23.64	22.38	18.21	23.40	21.12

OUTPUT POWER FOR LTE BAND 41 (15.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				39725	40620	41515	39725	40620	41515	39725	40620	41515	39725	40620	41515
15.0	QPSK	1	0	22.58	28.70	27.56	22.34	28.70	27.71	23.11	28.70	27.36	21.45	28.70	26.31
		1	37	27.38	28.22	27.70	28.00	27.97	28.00	28.70	28.04	27.70	26.12	28.15	26.50
		1	74	27.70	27.89	27.10	27.92	27.42	27.59	28.48	27.41	27.37	26.50	27.81	26.02
		36	0	22.03	27.25	26.63	22.59	27.41	26.70	23.42	27.45	26.43	20.80	27.42	25.37
		36	16	26.13	27.21	26.64	26.84	27.07	26.76	27.59	27.12	26.55	24.89	27.21	25.41
		36	35	23.25	27.00	26.39	23.70	26.74	26.68	24.44	26.79	26.48	22.05	26.96	25.18
	16QAM	75	0	22.06	27.26	26.49	22.54	27.03	26.63	23.31	27.08	26.39	20.80	27.23	25.25
		1	0	21.09	27.70	26.59	21.30	27.70	26.58	22.08	27.70	26.33	19.83	27.70	25.25
		1	37	26.37	27.12	26.70	27.00	27.06	27.00	27.70	27.10	26.70	25.06	27.16	25.50
		1	74	26.70	26.71	26.14	26.88	26.47	26.62	27.58	26.40	26.43	25.50	26.72	25.06
		36	0	21.07	26.20	25.63	21.65	26.77	25.72	22.43	26.78	25.46	19.81	26.26	24.39
		36	16	25.14	26.18	25.66	25.82	26.51	25.76	26.60	26.57	25.54	23.92	26.26	24.42
	64QAM	36	35	22.30	26.32	25.39	22.71	26.19	25.71	23.51	26.21	25.47	21.05	26.33	24.17
		75	0	21.08	26.43	25.55	21.55	26.50	25.67	22.34	26.52	25.42	19.84	26.48	24.28
		1	0	20.20	27.17	25.72	20.35	27.36	25.88	21.26	27.46	25.55	18.94	27.38	24.39
		1	37	25.49	26.47	25.85	26.16	26.78	26.02	26.90	26.66	25.84	24.19	26.55	24.63
		1	74	25.82	26.43	25.34	26.06	26.11	25.62	26.61	26.11	25.52	24.59	26.37	24.10
		36	0	20.04	25.24	24.65	20.57	25.70	24.70	21.38	25.79	24.43	18.77	25.29	23.37
	256QAM	36	16	24.19	25.24	24.65	24.85	25.51	24.77	25.64	25.59	24.56	22.92	25.26	23.43
		36	35	21.31	25.39	24.40	21.72	25.21	24.71	22.48	25.23	24.46	20.06	25.34	23.18
		75	0	20.12	25.44	24.55	20.57	25.53	24.67	21.37	25.55	24.44	18.88	25.47	23.30
		1	0	17.10	24.29	22.70	17.30	24.26	22.63	18.07	24.27	22.38	15.82	24.22	21.35
		1	37	22.42	23.43	22.77	22.89	23.63	22.97	23.73	23.58	22.74	21.14	23.43	21.52
		1	74	22.66	23.29	22.20	22.77	22.92	22.48	23.51	22.97	22.29	21.48	23.26	20.96
	256QAM	36	0	18.04	23.24	22.68	18.55	23.76	22.69	19.40	23.74	22.43	16.77	23.25	21.37
		36	16	22.17	23.21	22.65	22.84	23.50	22.81	23.63	23.52	22.53	20.92	23.22	21.42
		36	35	19.26	23.37	22.41	19.64	23.19	22.71	20.43	23.20	22.47	18.02	23.30	21.18
		75	0	18.14	23.37	22.50	18.60	23.42	22.69	19.38	23.46	22.46	16.90	23.36	21.24

OUTPUT POWER FOR LTE BAND 41 (20.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				39750	40620	41490	39750	40620	41490	39750	40620	41490	39750	40620	41490
20.0	QPSK	1	0	22.18	28.70	27.17	22.38	28.70	27.33	23.16	28.70	27.05	20.99	28.70	25.90
		1	49	27.06	28.02	27.70	28.00	27.88	28.00	28.70	27.89	27.70	25.84	27.94	26.50
		1	99	27.70	27.61	27.08	27.94	27.16	27.64	28.52	27.10	27.36	26.50	27.49	25.98
		50	0	21.77	27.26	26.52	22.75	27.42	26.47	23.54	27.41	26.19	20.61	27.26	25.32
		50	24	26.02	27.10	26.69	26.82	26.92	26.72	27.59	26.97	26.45	24.89	27.02	25.50
		50	49	23.27	26.77	26.44	23.75	26.53	26.67	24.43	26.55	26.45	22.15	26.65	25.31
	16QAM	100	0	21.93	27.13	26.49	22.63	26.97	26.55	23.38	26.98	26.26	20.79	27.05	25.33
		1	0	20.59	27.70	26.18	21.59	27.70	26.11	22.20	27.70	26.07	19.45	27.70	24.86
		1	49	26.07	26.89	26.70	27.00	27.12	27.00	27.70	26.89	26.70	24.84	26.97	25.50
		1	99	26.70	26.49	26.09	26.85	26.48	26.62	27.52	26.16	26.40	25.50	26.62	25.22
		50	0	20.77	26.25	25.50	21.77	26.69	25.46	22.51	26.43	25.19	19.63	26.37	24.30
		50	24	25.01	26.14	25.65	25.82	26.40	25.71	26.60	26.08	25.44	23.91	26.28	24.50
	64QAM	50	49	22.26	26.15	25.44	22.73	25.98	25.67	23.46	25.65	25.42	21.15	26.17	24.32
		100	0	20.95	26.51	25.49	21.63	26.43	25.59	22.38	26.08	25.27	19.84	26.58	24.35
		1	0	19.84	27.25	25.22	20.60	27.35	25.37	21.42	27.14	25.11	18.75	27.44	24.20
		1	49	25.22	26.33	25.88	26.12	26.53	26.05	26.88	26.47	25.73	24.07	26.49	24.69
		1	99	25.90	26.27	25.34	26.02	25.86	25.59	26.70	25.83	25.54	24.78	26.22	24.19
		50	0	19.70	25.26	24.49	20.64	25.69	24.46	21.48	25.34	24.16	18.57	25.41	23.29
	256QAM	50	24	24.02	25.13	24.66	24.81	25.39	24.70	25.57	25.09	24.38	22.90	25.24	23.51
		50	49	21.27	25.14	24.42	21.73	24.98	24.67	22.48	24.64	24.37	20.13	25.19	23.32
		100	0	19.96	25.53	24.48	20.63	25.42	24.56	21.37	25.11	24.28	18.82	25.59	23.34
		1	0	16.68	24.24	22.26	17.42	24.34	22.29	18.22	24.00	21.98	15.50	24.40	20.97
		1	49	22.15	23.42	22.82	23.08	23.53	22.89	23.82	23.15	22.65	20.99	23.34	21.61
		1	99	22.74	23.12	22.22	22.80	22.64	22.44	23.52	22.37	22.25	21.60	23.09	21.05
	256QAM	50	0	17.71	23.22	22.47	18.69	23.66	22.46	19.51	23.42	22.19	16.55	23.33	21.28
		50	24	22.00	23.09	22.63	22.79	23.36	22.70	23.58	23.03	22.41	20.89	23.24	21.48
		50	49	19.19	23.12	22.41	19.66	22.95	22.66	20.40	22.61	22.43	18.08	23.15	21.30
	256QAM	100	0	17.99	23.43	22.44	18.67	23.34	22.56	19.42	23.03	22.23	16.85	23.46	21.26

8.5. 5G NR n41 (FCC SISO)

Test Engineer ID:	32894	Test Date:	2024-12-10
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OUTPUT POWER FOR 5G NR n41 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				500202	518598	537000	500202	518598	537000	500202	518598	537000	500202	518598	537000
10.0	BPSK	1	0	23.89	25.13	24.11	24.50	25.09	24.37	23.63	24.94	23.96	22.23	26.12	22.79
		1	1	26.82	28.70	27.70	27.37	28.68	27.95	26.04	28.70	27.59	26.01	28.70	26.48
		1	22	27.70	28.63	27.62	27.27	28.68	27.94	28.70	28.62	27.69	26.50	28.64	26.44
		1	23	24.11	25.06	24.09	23.71	25.08	24.41	26.45	24.86	23.92	22.95	26.18	22.93
		12	6	26.67	28.62	27.64	28.00	28.70	28.00	27.59	28.57	27.70	26.18	28.66	26.50
		24	0	26.55	28.02	26.98	27.38	27.97	27.34	26.94	27.91	26.93	25.37	28.03	25.79
		1	0	23.77	25.10	24.10	24.38	25.12	24.34	23.56	24.99	23.98	22.29	26.15	22.89
		1	1	26.57	28.67	27.66	26.67	28.62	27.99	25.24	28.52	27.55	25.98	27.77	25.98
	QPSK	1	22	27.68	28.68	27.65	27.40	28.66	27.99	27.96	28.54	27.63	25.88	27.74	25.86
		1	23	24.18	25.04	24.01	23.82	25.03	24.37	26.56	24.90	24.07	22.96	26.21	22.80
		12	6	26.71	28.63	27.67	27.71	28.64	27.98	26.86	28.64	27.64	26.10	27.65	25.87
		24	0	26.38	27.53	26.64	27.61	27.57	26.93	26.12	27.51	26.47	24.98	26.67	24.86
	16QAM	1	0	23.80	24.93	24.02	24.35	24.93	24.30	23.09	24.89	23.94	22.23	25.84	22.78
		1	1	25.43	27.61	26.53	25.90	27.52	26.86	24.24	27.45	26.54	24.73	26.84	25.01
		1	22	26.48	27.58	26.51	26.39	27.56	26.83	26.94	27.44	26.37	25.11	26.86	25.03
		1	23	24.03	24.99	23.97	23.70	24.84	24.34	26.01	24.77	23.88	22.89	25.93	22.79
	64QAM	12	6	26.27	27.41	26.53	26.85	27.44	26.78	25.97	27.35	26.47	24.81	26.76	24.93
		24	0	25.34	26.48	25.50	25.84	26.41	25.80	25.04	26.38	25.41	23.81	25.82	24.00
		1	0	23.82	25.10	24.04	24.27	24.97	24.31	22.79	24.88	23.97	22.27	25.51	22.74
		1	1	24.10	26.07	25.01	24.38	26.02	25.30	22.97	25.97	25.10	23.21	25.51	23.66
	256QAM	1	22	25.13	26.04	25.05	24.72	26.22	25.41	25.57	25.79	25.04	23.62	25.53	23.57
		1	23	24.09	24.88	24.01	23.81	25.04	24.24	25.56	24.82	23.99	22.84	25.33	22.62
		12	6	24.81	26.01	24.92	25.30	26.01	25.32	24.64	25.87	24.92	23.36	25.40	23.60
		24	0	24.74	25.96	24.97	25.28	26.02	25.31	24.59	25.87	24.94	23.30	25.33	23.60
	256QAM	1	0	22.63	23.99	22.99	22.91	24.01	23.23	21.50	23.90	22.92	21.17	24.03	21.78
		1	1	22.59	23.94	23.12	23.07	23.89	23.35	21.66	24.09	22.98	21.20	24.24	21.69
		1	22	23.04	24.00	23.07	22.67	23.98	23.32	24.03	23.96	23.12	21.97	24.07	21.75
		1	23	22.96	23.96	22.87	22.62	23.76	23.28	24.13	23.84	22.95	21.73	23.99	21.70
		12	6	22.65	24.12	23.07	23.24	23.85	23.29	22.86	23.84	22.89	21.29	24.03	21.63
		24	0	22.59	24.07	22.97	23.20	23.90	23.36	22.86	23.91	22.93	21.27	23.89	21.67

OUTPUT POWER FOR 5G NR n41 (15.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				500700	518598	536496	500700	518598	536496	500700	518598	536496	500700	518598	536496
15.0	BPSK	1	0	23.93	25.02	23.97	24.33	24.92	24.23	22.81	25.06	23.98	22.31	26.17	22.80
		1	1	26.72	28.70	27.58	27.55	28.70	27.89	25.28	28.70	27.63	26.12	28.70	26.50
		1	36	27.70	28.59	27.50	27.30	28.57	27.83	28.70	28.49	27.57	26.50	28.55	26.48
		1	37	24.10	24.96	24.00	23.52	25.02	24.21	26.07	24.85	23.98	22.86	26.11	22.90
		18	9	26.92	28.70	27.70	28.00	28.68	28.00	27.12	28.67	27.70	26.32	28.56	26.45
		36	0	25.15	28.04	26.88	25.50	28.01	27.33	26.12	27.96	26.96	24.00	27.99	25.85
	QPSK	1	0	23.93	25.03	23.91	24.31	25.05	24.23	22.93	25.05	24.00	22.24	26.12	22.81
		1	1	26.62	28.61	27.58	26.75	28.67	27.86	24.74	28.48	27.63	26.00	27.78	26.25
		1	36	27.68	28.69	27.56	27.23	28.65	27.96	27.77	28.63	27.60	26.09	27.67	26.03
		1	37	24.16	24.96	23.90	23.55	24.98	24.27	25.86	24.93	23.92	22.96	26.10	22.88
	16QAM	18	9	26.94	28.68	27.60	27.67	28.67	27.94	26.44	28.66	27.69	26.19	27.58	26.04
		36	0	25.14	27.56	26.51	25.45	27.57	26.87	26.00	27.58	26.55	23.95	26.62	25.09
		1	0	23.92	24.90	23.94	24.32	24.97	24.32	22.48	25.07	23.98	22.18	26.01	22.75
		1	1	25.64	27.52	26.59	25.96	27.48	26.78	23.55	27.36	26.51	24.89	26.72	25.26
	64QAM	1	36	26.62	27.54	26.44	26.03	27.47	26.78	26.83	27.50	26.53	24.97	26.82	25.12
		1	37	24.13	25.02	23.94	23.67	24.95	24.27	25.74	25.07	24.04	23.03	25.75	22.91
		18	9	26.36	27.49	26.44	26.76	27.38	26.77	25.45	27.40	26.51	24.95	26.64	25.06
		36	0	25.02	26.46	25.44	25.35	26.52	25.77	24.50	26.38	25.51	23.91	25.77	24.11
	256QAM	1	0	24.03	25.01	24.01	24.36	25.11	24.31	22.18	25.09	23.89	22.16	25.47	22.67
		1	1	24.30	26.05	24.94	24.58	26.18	25.41	22.30	26.12	24.92	23.28	25.67	23.75
		1	36	25.22	26.03	24.94	24.61	25.94	25.25	25.36	25.93	24.92	23.84	25.44	23.78
		1	37	24.20	25.00	24.01	23.74	24.92	24.32	25.40	24.80	23.97	22.93	25.51	22.74
		18	9	24.84	25.93	24.95	25.23	25.95	25.28	24.06	25.93	24.92	23.38	25.31	23.70
		36	0	24.90	26.03	25.00	25.30	25.98	25.29	23.94	25.98	24.94	23.37	25.32	23.71
		1	0	22.80	24.07	22.92	22.98	23.95	23.41	20.94	24.08	23.03	21.08	24.23	21.84
		1	1	22.75	23.99	23.11	23.10	23.95	23.26	21.06	23.97	23.05	21.22	24.22	21.89
	256QAM	1	36	23.17	23.98	22.96	22.65	24.04	23.29	23.89	23.79	22.93	21.86	23.99	21.76
		1	37	23.16	23.91	23.15	22.73	23.95	23.20	23.82	23.99	22.92	22.07	23.97	21.80
		18	9	22.84	23.94	23.02	23.20	23.92	23.19	22.10	23.82	22.92	21.30	23.97	21.80
		36	0	22.77	23.94	23.01	23.15	23.92	23.21	22.04	23.85	22.95	21.32	23.95	21.72

OUTPUT POWER FOR 5G NR n41 (20.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				501204	518598	535998	501204	518598	535998	501204	518598	535998	501204	518598	535998
20.0	BPSK	1	0	23.83	24.98	23.97	24.54	25.05	24.33	22.72	25.05	24.05	22.37	26.14	22.82
		1	1	26.73	28.54	27.54	27.65	28.68	27.92	25.24	28.70	27.51	26.20	28.70	26.45
		1	49	27.70	28.45	27.45	27.28	28.59	27.94	28.70	28.51	27.57	26.50	28.55	26.48
		1	50	24.12	24.90	23.89	23.70	25.09	24.31	25.98	24.94	23.93	22.98	25.97	22.77
		25	12	26.74	28.70	27.70	28.00	28.70	28.00	27.01	28.68	27.66	26.26	28.54	26.50
		50	0	25.70	28.14	27.12	26.00	28.21	27.43	26.53	28.12	27.04	24.45	28.09	25.96
	QPSK	1	0	23.91	25.05	23.95	24.47	25.06	24.31	22.77	25.06	23.98	22.29	26.09	22.83
		1	1	26.53	28.61	27.51	27.06	28.67	27.87	24.64	28.48	27.59	26.19	27.77	26.41
		1	49	27.64	28.51	27.47	27.31	28.56	27.89	27.91	28.58	27.66	26.35	27.59	26.06
		1	50	24.16	24.88	23.90	23.79	24.94	24.28	25.93	24.99	23.93	23.00	25.98	22.83
		25	12	26.80	28.69	27.56	27.88	28.67	27.97	26.63	28.65	27.70	26.24	27.58	26.12
		50	0	25.45	27.58	26.65	25.95	27.73	26.95	26.20	27.68	26.60	24.38	26.59	25.16
	16QAM	1	0	23.78	25.04	24.02	24.50	24.97	24.31	22.29	25.03	24.03	22.38	25.83	23.00
		1	1	25.74	27.53	26.52	26.14	27.54	26.67	23.47	27.61	26.55	24.95	26.95	25.49
		1	49	26.48	27.52	26.51	26.19	27.50	26.69	27.04	27.56	26.38	25.39	26.70	25.14
		1	50	24.25	24.98	24.06	23.79	24.99	24.36	25.78	24.90	23.96	23.03	25.75	22.94
		25	12	26.41	27.47	26.54	27.03	27.58	26.89	25.69	27.55	26.57	25.11	26.66	25.12
		50	0	25.37	26.51	25.58	25.91	26.52	25.83	25.90	26.51	25.55	24.02	25.69	24.37
	64QAM	1	0	23.77	24.85	23.93	24.33	25.12	24.21	21.96	25.06	24.01	22.26	25.52	22.89
		1	1	24.34	26.11	25.05	24.78	25.97	25.18	22.22	26.24	25.08	23.32	25.57	23.89
		1	49	25.16	26.14	24.86	24.75	26.13	25.36	25.58	25.97	25.03	24.06	25.19	23.73
		1	50	24.06	25.00	23.75	23.77	25.07	24.25	25.61	24.99	23.86	22.92	25.20	22.90
		25	12	24.96	26.07	24.99	25.45	26.10	25.42	24.22	26.13	24.99	23.53	25.34	23.91
		50	0	24.93	26.00	24.97	25.41	26.12	25.36	25.00	26.05	25.01	23.53	25.24	23.93
	256QAM	1	0	22.69	23.88	23.00	23.22	24.24	23.27	20.79	24.14	23.01	21.18	24.11	21.89
		1	1	22.80	24.02	23.09	23.28	24.12	23.17	20.96	23.99	23.04	21.25	24.06	21.84
		1	49	23.27	23.89	22.94	22.74	24.02	23.17	24.16	23.91	23.12	21.93	23.92	21.96
		1	50	23.22	23.85	23.09	22.70	23.94	23.21	24.16	23.88	22.97	21.95	23.94	21.81
		25	12	22.85	23.95	23.06	23.48	24.01	23.25	22.17	24.00	22.97	21.43	23.82	21.90
		50	0	22.85	23.94	23.01	23.45	24.13	23.23	22.20	23.99	22.97	21.45	23.76	21.87

OUTPUT POWER FOR 5G NR n41 (25.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				501702	518598	535500	501702	518598	535500	501702	518598	535500	501702	518598	535500
25.0	BPSK	1	0	23.64	25.10	22.15	24.12	25.48	24.19	22.80	26.80	25.60	22.71	25.36	25.52
		1	1	26.51	28.70	25.86	27.38	28.70	27.92	25.24	27.92	26.56	26.50	27.81	26.12
		1	63	27.70	27.06	27.70	28.00	27.92	27.79	28.70	27.22	27.70	25.48	28.35	26.50
		1	64	24.03	23.46	23.79	24.30	24.16	24.48	24.93	25.84	26.60	22.84	25.35	25.94
		32	16	26.28	27.59	26.85	27.52	27.70	28.00	26.99	28.70	26.98	26.46	28.25	26.44
		64	0	26.31	27.15	26.21	27.16	27.39	27.63	26.42	28.18	27.34	25.84	28.47	26.33
	QPSK	1	0	23.58	25.04	22.14	24.23	25.46	24.15	22.91	26.68	25.15	22.69	25.49	25.47
		1	1	26.43	28.66	25.80	26.70	27.91	27.49	24.72	27.55	25.34	26.41	26.66	26.04
		1	63	27.67	27.19	27.55	27.17	27.86	27.00	28.20	26.10	26.32	25.70	27.48	26.46
		1	64	24.07	23.45	23.87	24.31	24.17	24.38	25.03	25.02	26.32	22.84	25.76	25.64
		32	16	26.33	27.68	26.91	27.58	27.65	27.09	26.97	28.31	27.60	26.46	28.70	26.39
		64	0	26.17	26.64	25.71	26.61	26.76	26.36	25.78	27.91	27.22	25.39	27.74	26.28
	16QAM	1	0	23.59	25.07	22.30	24.04	25.32	24.24	22.40	24.69	24.50	22.60	24.99	25.01
		1	1	25.50	27.54	24.81	25.82	26.93	26.59	23.61	25.73	25.99	25.30	25.98	26.13
		1	63	26.68	26.00	26.49	26.19	26.56	26.10	27.25	24.83	26.97	25.39	24.74	26.47
		1	64	24.16	23.49	24.01	24.34	24.11	24.52	24.93	27.77	26.18	22.61	25.52	25.85
		32	16	25.94	26.45	25.75	26.54	26.46	26.24	25.77	27.88	26.89	25.26	27.86	26.27
		64	0	25.02	25.66	24.65	25.58	25.70	25.50	24.68	26.98	26.42	24.30	26.89	26.30
	64QAM	1	0	23.51	25.04	22.26	24.21	25.26	24.23	22.28	26.22	23.89	22.69	24.72	24.56
		1	1	24.17	26.10	23.35	24.50	25.81	25.03	22.16	26.06	23.67	23.61	24.69	24.30
		1	63	24.97	24.54	24.91	24.95	25.15	24.51	25.75	24.71	25.27	23.87	25.69	25.30
		1	64	23.93	23.35	24.00	24.37	24.26	24.30	25.10	24.67	25.37	22.96	25.58	25.35
		32	16	24.46	25.04	24.26	25.07	24.91	24.69	24.15	26.67	25.83	23.79	26.63	26.22
		64	0	24.53	25.08	24.25	25.04	25.11	24.91	24.17	26.61	26.07	23.77	24.50	26.13
	256QAM	1	0	22.40	24.09	21.36	22.98	24.35	23.08	20.72	24.87	23.17	21.57	23.04	22.72
		1	1	22.54	24.08	21.41	22.97	24.23	23.24	20.91	24.62	23.23	21.62	23.14	22.89
		1	63	23.15	22.67	23.24	23.34	23.06	23.35	24.08	23.96	23.98	22.05	24.14	23.85
		1	64	22.97	22.49	22.99	23.39	23.25	23.23	24.05	23.76	24.24	21.73	23.89	23.69
		32	16	22.47	23.00	22.40	22.92	22.97	23.54	22.12	26.45	24.33	21.77	24.93	24.67
		64	0	22.28	23.11	22.21	23.01	23.18	23.66	22.12	26.56	24.64	21.73	24.71	24.64

OUTPUT POWER FOR 5G NR n41 (30.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				502200	518598	524996	502200	518598	524996	502200	518598	524996	502200	518598	524996
30.0	BPSK	1	0	2511.0	2593.0	2675.0	2511.0	2593.0	2675.0	2511.0	2593.0	2675.0	2511.0	2593.0	2675.0
		1	1	23.55	25.01	24.00	24.50	24.94	24.35	22.66	25.05	23.91	22.05	25.96	22.82
		1	1	26.47	28.70	27.70	27.86	28.70	27.94	25.31	28.70	27.65	25.85	28.70	26.49
		1	76	27.70	28.52	27.54	27.50	28.57	27.98	28.70	28.62	27.70	26.50	28.41	26.50
		1	77	24.00	24.83	24.03	23.87	24.88	24.26	25.11	24.89	23.84	22.82	25.82	22.89
		36	18	26.26	28.47	27.53	28.00	28.43	28.00	26.76	28.53	27.60	25.74	28.16	26.44
		75	0	25.68	27.93	27.03	26.00	27.97	27.35	26.70	28.04	27.02	24.45	27.75	25.91
		1	0	23.61	24.97	24.02	24.49	24.93	24.31	22.72	25.17	23.89	22.05	25.93	22.78
	QPSK	1	1	26.51	28.66	27.68	27.20	28.65	27.94	24.70	28.30	27.58	25.84	27.76	26.48
		1	76	27.67	28.54	27.67	27.51	28.45	27.91	28.32	28.55	27.59	26.46	27.42	26.01
		1	77	24.03	24.93	23.95	23.89	24.90	24.32	25.00	24.84	23.92	22.84	25.76	22.83
		36	18	26.20	28.52	27.59	27.87	28.58	27.88	26.76	28.51	27.64	25.78	27.23	26.28
		75	0	25.66	27.48	26.67	25.98	27.44	27.01	26.25	27.51	26.54	24.35	26.44	25.38
		1	0	23.53	24.98	24.20	24.23	24.95	24.43	22.57	25.11	23.90	21.84	25.93	22.92
		1	1	25.61	27.46	26.62	26.20	27.58	26.91	23.67	27.17	26.45	24.52	26.66	25.49
		1	76	26.57	27.31	26.50	26.37	27.45	26.81	27.38	27.33	26.44	25.21	26.55	25.05
	16QAM	1	77	23.96	24.74	23.90	24.03	24.83	24.37	25.15	24.94	23.80	22.79	25.72	22.92
		36	18	25.85	27.33	26.46	26.86	27.37	26.78	25.62	27.44	26.43	24.67	26.41	25.30
		75	0	25.20	26.37	25.45	25.85	26.38	25.80	25.88	26.43	25.51	24.22	25.53	24.28
		1	0	23.41	25.03	24.02	24.38	24.99	24.14	22.29	25.27	23.98	21.96	25.57	22.86
		1	1	24.05	25.95	25.07	24.93	26.06	25.39	22.36	25.96	25.00	23.02	25.57	24.00
		1	76	25.06	25.93	24.99	24.86	25.92	25.36	26.01	25.87	24.89	23.82	25.12	23.63
		1	77	24.05	24.67	24.05	23.91	25.05	24.22	24.93	24.82	23.98	22.72	25.06	22.95
		36	18	24.42	25.91	25.01	25.38	25.87	25.26	24.03	25.89	24.89	23.18	25.00	23.70
		75	0	24.40	25.85	25.05	25.43	25.92	25.23	24.05	25.87	24.91	23.11	25.01	23.89
	64QAM	1	0	22.57	24.14	22.98	23.31	24.10	23.33	20.85	24.08	23.01	21.16	24.20	21.99
		1	1	22.47	24.09	23.22	23.28	23.98	23.46	21.04	24.01	22.95	20.94	24.04	21.95
		1	76	23.16	23.76	23.01	23.10	23.81	23.35	24.07	23.94	23.03	21.88	23.75	21.95
		1	77	23.00	23.64	22.94	22.73	23.81	23.31	23.99	23.91	22.93	21.69	23.68	21.84
		36	18	22.41	23.81	22.88	23.28	23.84	23.25	22.01	23.89	22.90	21.16	23.55	21.80
		75	0	22.45	23.86	22.95	23.30	23.87	23.26	21.99	23.88	22.92	21.19	23.57	21.82

OUTPUT POWER FOR 5G NR n41 (35.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				502704	518598	534498	502704	518598	534498	502704	518598	534498	502704	518598	534498
35.0	BPSK	1	0	2513.5	2593.0	2672.5	2513.5	2593.0	2672.5	2513.5	2593.0	2672.5	2513.5	2593.0	2672.5
		1	1	21.43	25.11	22.02	23.27	26.47	22.90	21.82	24.75	24.91	20.22	23.68	23.73
		1	90	21.59	28.70	25.59	23.31	28.54	25.86	21.89	27.35	27.70	20.28	28.70	26.50
		1	91	27.70	27.04	27.70	28.00	28.56	28.00	28.70	26.79	27.45	26.50	26.55	25.63
		1	91	24.12	23.49	23.97	25.20	26.54	22.96	24.99	25.35	24.66	23.68	24.93	22.72
		45	22	24.42	27.51	26.29	25.30	28.69	25.80	25.57	28.70	26.62	23.50	28.09	25.49
		90	0	25.50	27.08	25.92	26.00	28.70	25.74	26.44	28.60	26.90	24.35	27.99	25.53
		1	0	20.91	24.91	21.90	22.74	26.21	22.94	21.81	24.93	25.02	19.52	24.67	23.78
	QPSK	1	1	21.07	28.68	25.56	22.89	28.53	25.77	21.91	26.33	26.96	19.70	28.68	26.42
		1	90	27.68	27.09	27.54	27.98	28.68	27.52	26.91	26.85	27.30	26.48	27.41	25.60
		1	91	24.03	23.39	23.86	25.15	26.37	23.18	25.30	25.31	24.50	23.64	25.12	22.48
		45	22	23.29	27.53	26.30	24.23	28.62	25.72	24.62	28.19	26.60	22.60	28.11	25.51
		90	0	25.30	26.70	25.53	25.68	27.86	24.95	26.33	27.48	25.63	24.23	27.50	25.35
		1	0	21.17	25.17	21.97	22.86	26.54	22.94	21.61	24.32	25.04	20.02	25.13	24.12
		1	1	21.12	27.77	24.46	22.82	27.86	25.09	21.86	25.39	26.02	20.08	27.90	26.23
		1	90	26.77	26.25	26.52	27.36	27.67	25.31	26.08	26.20	26.37	26.11	26.91	25.39
	16QAM	1	91	24.21	23.60	23.99	24.94	26.45	22.95	25.05	25.37	24.76	23.77	24.90	22.96
		45	22	22.82	26.54	25.24	23.54	28.02	24.78	24.79	27.41	26.10	22.14	28.17	25.07
		90	0	25.00	25.70	24.34	25.10	27.15	23.93	25.20	26.55	24.87	24.00	26.45	24.24
		1	0	20.52	25.30	22.01	22.27	26.32	22.98	20.94	24.10	24.73	19.42	24.78	23.92
		1	1	20.68	26.44	22.99	22.15	26.60	23.39	20.98	24.17	24.71	19.33	24.74	24.68
		1	90	25.23	24.74	25.05	25.99	26.56	23.25	25.30	24.98	25.26	24.57	24.67	23.58
		1	91	24.27	23.66	23.99	25.11	26.49	23.18	24.67	24.81	24.55	23.77	24.80	22.88
		45	22	22.88	25.21	23.86	23.74	26.56	23.35	24.65	26.10	24.72	22.11	26.14	23.53
		90	0	22.71	25.28	23.87	23.71	26.61	23.44	24.43	26.07	24.48	22.50	25.89	23.78
	256QAM	1	0	19.21	24.14	20.92	20.62	25.25	21.77	18.94	22.80	23.40	17.78	23.22	22.82
		1	1	19.13	24.29	21.01	20.83	25.21	22.01	19.64	22.74	23.42	17.91	23.58	22.74
		1	90	23.20	22.50	22.94	24.24	25.07	22.06	24.15	23.49	23.55	22.95	23.54	21.57
		1	91	23.28	22.38	22.96	24.03	25.00	21.57	23.95	23.60	23.68	22.65	23.60	21.52
		45	22	21.30	23.00	21.87	22.15	25.11	21.89	21.91	24.75	22.87	21.32	24.29	21.52
		90	0	21.15	23.16	21.88	22.20	25.14	21.97	21.84	24.70	23.07	21.35	24.23	21.82

OUTPUT POWER FOR 5G NR n41 (40.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				503202	518598	534000	503202	518598	534000	503202	518598	534000	503202	518598	534000
40.0	BPSK	1	0	23.48	25.06	23.77	24.71	24.96	23.99	22.69	25.01	23.75	22.30	25.74	22.78
		1	1	26.34	28.66	27.36	26.08	28.58	27.74	24.58	28.70	27.39	25.08	28.70	26.50
		1	104	27.70	28.46	27.48	27.56	28.46	27.85	28.70	28.35	27.44	26.50	28.34	24.56
		1	105	24.07	24.80	23.85	24.03	24.83	24.11	25.01	24.61	23.83	22.91	25.53	22.81
		50	25	26.24	28.70	27.70	28.00	28.58	28.00	27.08	28.52	27.70	26.00	28.10	25.19
		100	0	26.29	28.15	27.10	27.55	28.03	27.28	26.44	27.99	27.05	25.62	27.64	24.76
	QPSK	1	0	23.61	24.99	23.81	24.65	24.93	24.09	22.55	24.91	23.82	22.10	25.63	22.83
		1	1	25.93	28.62	27.43	25.54	28.65	27.56	24.09	27.98	27.34	24.40	27.87	25.64
		1	104	27.66	28.65	27.39	27.68	28.45	27.24	28.61	28.41	27.51	26.50	27.53	23.66
		1	105	24.03	24.91	23.91	24.08	24.86	24.17	25.01	24.60	23.83	22.85	25.68	22.63
		50	25	26.33	28.68	27.62	27.26	28.70	27.79	26.07	28.50	27.64	25.67	27.07	24.34
		100	0	25.87	27.55	26.49	26.28	27.54	26.73	24.77	27.38	26.56	24.65	26.24	23.45
	16QAM	1	0	23.23	25.04	23.67	23.99	24.91	23.92	21.88	24.97	24.01	22.06	25.65	22.92
		1	1	24.85	27.51	26.41	24.93	27.36	26.67	22.95	27.09	26.18	23.59	26.98	25.03
		1	104	26.50	27.56	26.37	26.56	27.40	26.63	27.64	27.30	26.53	25.38	26.50	22.73
		1	105	24.01	24.97	23.77	24.08	24.94	24.14	25.02	24.67	23.82	22.93	25.47	21.92
		50	25	25.94	27.60	26.35	26.63	27.41	26.76	25.45	27.37	26.36	24.78	26.17	23.58
		100	0	24.88	26.53	25.51	25.68	26.43	25.69	24.24	26.37	25.39	23.81	25.33	22.62
	64QAM	1	0	23.29	24.92	23.68	23.59	24.88	24.09	21.57	25.06	23.87	22.21	25.81	22.85
		1	1	23.44	25.99	24.98	23.58	26.04	25.08	21.68	25.59	24.87	22.26	25.59	23.42
		1	104	24.75	25.89	24.90	24.89	26.01	24.92	26.01	25.58	24.79	23.85	25.05	21.48
		1	105	24.09	24.76	23.76	23.95	24.82	24.04	24.94	24.60	23.70	22.76	25.19	21.46
		50	25	24.46	25.98	24.95	25.37	25.97	25.26	24.16	25.81	24.93	23.36	24.78	22.23
		100	0	24.45	26.08	24.96	25.15	25.91	25.15	23.70	25.83	24.94	23.33	24.89	22.20
	256QAM	1	0	22.27	24.05	22.75	22.23	23.91	23.18	20.04	23.94	23.00	20.68	24.33	21.77
		1	1	22.07	24.15	22.63	22.22	24.08	23.05	20.27	23.94	22.76	20.67	24.32	21.77
		1	104	23.05	24.02	22.74	22.91	23.78	23.09	23.96	23.50	22.89	21.91	23.63	20.15
		1	105	22.91	23.96	22.81	23.24	23.78	23.15	24.11	23.76	22.73	22.05	23.57	20.05
		50	25	22.40	24.05	23.03	23.49	23.95	23.18	22.16	23.85	22.97	21.32	23.34	20.89
		100	0	22.37	23.99	22.97	23.53	23.93	23.19	22.11	23.83	22.91	21.31	23.49	20.87

OUTPUT POWER FOR 5G NR n41 (45.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				503700	518598	533496	503700	518598	533496	503700	518598	533496	503700	518598	533496
45.0	BPSK	1	0	24.34	25.01	22.61	24.53	26.14	25.48	22.98	24.62	24.52	22.67	25.69	25.76
		1	1	27.21	28.66	26.09	26.17	28.29	27.51	24.80	26.83	27.70	25.33	28.65	26.39
		1	117	27.70	27.45	27.70	27.45	28.43	28.00	28.68	27.31	26.88	26.18	28.70	26.50
		1	118	23.97	23.79	23.85	24.45	26.29	26.75	24.94	24.77	23.88	23.37	25.84	25.92
		54	27	27.05	27.54	25.87	28.00	28.70	27.23	27.27	28.70	27.01	26.50	28.53	26.31
		108	0	25.70	27.17	25.50	26.00	28.47	26.04	26.58	28.17	26.48	24.50	28.46	26.34
	QPSK	1	0	24.44	24.96	22.47	24.56	26.14	26.96	23.08	24.61	22.92	22.61	25.73	25.76
		1	1	26.55	28.70	26.20	25.52	28.41	27.92	24.32	26.09	24.40	24.63	28.42	26.21
		1	117	27.58	27.29	27.65	22.24	27.43	27.57	28.70	26.55	24.86	26.15	28.67	26.29
		1	118	23.85	23.77	23.92	24.79	25.91	26.59	25.07	24.96	23.27	23.40	25.87	25.96
		54	27	27.01	27.28	25.81	27.28	28.51	26.89	26.38	28.23	26.54	26.04	28.49	26.25
		108	0	25.65	26.79	25.19	25.95	27.73	26.79	26.44	27.02	25.33	24.45	28.02	26.33
	16QAM	1	0	24.24	25.14	22.57	23.83	25.93	26.24	22.26	24.12	22.43	22.65	25.74	25.58
		1	1	25.55	27.63	25.02	24.75	25.54	26.65	23.16	25.25	23.56	23.82	27.97	26.17
		1	117	26.54	26.36	26.67	27.15	27.61	26.56	27.16	25.95	24.26	25.76	27.85	26.32
		1	118	24.11	23.88	23.92	24.66	25.95	25.75	25.23	24.86	23.17	23.35	25.83	25.75
		54	27	26.53	26.18	24.74	26.47	28.70	26.02	25.70	27.44	25.75	25.23	27.93	26.26
		108	0	25.40	25.73	24.12	25.50	26.54	25.98	25.00	26.29	24.60	24.10	27.17	26.32
	64QAM	1	0	24.08	25.14	22.56	23.50	25.88	25.74	22.72	23.63	21.94	22.29	25.90	25.74
		1	1	24.19	26.23	23.64	23.71	26.54	25.81	22.67	23.26	21.57	22.35	26.62	26.33
		1	117	25.12	24.85	25.01	25.68	24.23	25.36	26.01	24.76	23.07	24.49	26.45	26.31
		1	118	23.82	23.74	23.95	24.62	24.27	25.21	25.03	24.77	23.08	23.24	25.82	25.87
		54	27	25.26	24.64	23.20	25.17	27.21	24.69	24.48	26.12	24.43	23.86	26.33	26.17
		108	0	25.00	25.07	23.45	25.01	26.06	25.66	24.32	25.83	24.14	24.00	26.49	26.33
	256QAM	1	0	22.85	24.15	21.69	22.13	24.74	24.77	21.67	22.32	20.63	20.95	24.75	24.56
		1	1	22.67	24.01	21.43	22.16	24.97	24.49	21.60	22.33	20.64	21.19	24.79	24.77
		1	117	23.06	22.80	23.01	23.55	22.81	23.99	24.21	23.41	21.72	22.17	24.89	24.76
		1	118	22.95	22.73	23.13	23.72	23.10	24.51	23.99	22.85	21.16	22.36	24.66	24.44
		54	27	23.19	23.10	21.24	23.41	26.11	23.23	22.49	24.80	23.11	21.72	24.72	24.75
		108	0	23.22	23.14	21.52	23.39	24.68	24.29	22.38	24.42	22.73	22.00	24.78	24.70

OUTPUT POWER FOR 5G NR n41 (50.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				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	23.42	24.89	23.82	24.58	24.95	24.22	23.17	24.97	23.75	22.12	25.54	22.66
		1	1	26.17	28.70	27.44	26.32	28.70	27.84	26.27	28.70	27.48	24.80	28.70	26.50
		1	131	27.70	28.70	27.68	27.82	28.68	27.90	28.70	28.35	27.70	26.50	28.23	24.43
		1	132	24.08	24.89	23.91	24.27	25.02	24.32	25.01	24.60	23.97	22.84	25.45	22.82
		64	32	26.18	28.50	27.57	28.00	28.69	28.00	27.37	28.39	27.69	26.04	27.83	25.28
	QPSK	128	0	26.09	28.01	27.10	27.37	28.09	27.45	26.72	27.84	27.12	25.38	27.50	24.78
		1	0	23.36	25.05	23.77	24.68	25.08	24.29	23.26	24.99	23.96	22.02	25.53	22.69
		1	1	25.74	28.56	27.47	25.69	28.69	27.32	25.52	27.69	27.44	24.14	27.80	25.66
		1	131	27.68	28.43	27.46	27.75	28.43	27.23	28.70	28.05	27.57	26.50	27.30	23.46
		1	132	24.04	24.88	23.92	24.21	25.02	24.33	25.10	24.68	23.98	22.81	25.42	22.56
		64	32	26.17	28.58	27.70	27.30	28.56	27.80	27.13	28.20	27.70	25.59	26.85	24.45
	16QAM	128	0	25.96	27.50	26.50	26.40	27.54	26.63	26.18	27.16	26.56	24.53	26.17	23.56
		1	0	23.18	25.08	23.88	23.71	25.19	24.14	23.04	24.95	23.77	22.12	25.54	22.75
		1	1	25.08	27.51	26.13	25.10	27.65	26.54	24.64	26.88	26.51	23.48	26.93	24.86
		1	131	26.42	27.22	26.54	26.62	27.35	26.33	27.62	27.11	26.48	25.58	26.36	22.60
		1	132	23.96	24.82	23.99	24.25	24.74	24.28	24.99	24.66	23.95	22.87	25.43	21.66
		64	32	25.80	27.34	26.41	26.49	27.54	26.87	26.24	27.22	26.47	24.84	25.96	23.65
	64QAM	128	0	24.75	26.46	25.41	25.51	26.50	25.79	25.10	26.28	25.39	23.61	25.23	22.59
		1	0	23.36	24.84	23.91	23.38	25.09	24.24	23.20	25.22	23.85	21.73	25.47	22.79
		1	1	23.76	25.83	24.92	23.44	25.83	25.20	23.33	25.48	24.82	22.07	25.72	23.51
		1	131	25.05	25.73	24.97	25.30	25.95	25.00	26.16	25.57	24.97	23.76	24.94	21.06
		1	132	24.03	24.92	23.86	24.33	24.68	24.36	25.12	24.46	23.85	22.78	25.10	21.22
		64	32	24.28	25.88	25.00	25.24	25.99	25.32	24.51	25.69	24.97	23.35	24.50	22.31
	256QAM	128	0	24.31	25.90	24.94	25.10	25.93	25.32	24.57	25.69	24.95	23.36	24.74	22.28
		1	0	22.08	23.83	22.87	22.05	24.19	23.23	21.69	23.82	22.90	20.59	24.32	21.76
		1	1	22.16	23.92	22.80	22.18	24.02	23.22	21.82	23.85	22.94	20.47	24.40	21.54
		1	131	23.10	23.77	22.77	23.15	24.11	23.40	24.15	23.60	23.08	22.00	23.55	19.63
		1	132	23.00	23.57	22.88	23.13	23.70	23.53	24.32	23.74	23.07	21.64	23.56	19.78
		64	32	22.26	23.89	22.99	23.47	23.95	23.38	22.56	23.65	22.95	21.32	23.11	20.96
		128	0	22.24	23.89	22.82	23.48	23.95	23.38	22.53	23.66	22.95	21.22	23.33	20.90

OUTPUT POWER FOR 5G NR n41 (60.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				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	23.26	24.97	23.91	24.56	24.97	24.22	23.06	25.07	23.74	21.96	25.24	22.81
		1	1	26.27	28.70	27.54	26.08	28.70	27.92	26.32	28.70	27.41	24.75	28.70	26.50
		1	160	27.70	28.38	27.70	27.66	28.56	28.00	28.70	28.24	27.70	26.50	28.23	24.54
		1	161	24.05	24.96	24.01	24.14	24.92	24.42	25.14	24.60	23.92	22.79	25.11	23.07
		81	40	26.19	28.37	27.62	28.00	28.45	27.96	27.36	28.26	27.49	25.86	27.52	25.70
	QPSK	162	0	26.21	27.81	26.96	27.50	27.81	27.28	26.88	27.72	26.91	25.39	27.45	25.28
		1	0	23.30	25.06	23.99	24.51	24.94	24.17	23.27	25.09	23.90	21.96	25.37	22.83
		1	1	25.79	28.57	27.65	25.52	28.64	27.71	25.74	27.84	26.85	24.14	27.82	25.61
		1	160	27.58	28.42	27.59	27.79	28.29	27.54	28.64	27.87	26.94	26.49	27.31	23.71
		1	161	23.97	24.84	24.02	24.18	24.88	24.36	24.99	24.62	23.90	22.95	25.22	22.66
		81	40	26.14	28.43	27.55	27.23	28.35	27.97	27.42	28.13	27.30	25.49	26.60	24.84
	16QAM	162	0	25.91	27.40	26.62	26.47	27.36	26.81	26.34	27.29	26.37	24.77	26.07	23.92
		1	0	23.20	24.76	23.63	23.55	25.18	23.91	22.99	25.05	23.59	21.77	25.41	22.79
		1	1	24.88	27.32	26.29	24.52	27.43	26.92	24.90	26.91	25.87	23.57	27.08	24.80
		1	160	26.29	27.39	26.37	26.38	27.34	26.66	27.20	26.82	26.12	25.31	26.41	22.89
		1	161	24.15	24.68	23.90	24.04	24.87	24.39	25.39	24.54	23.77	22.68	24.90	21.88
		81	40	25.71	27.32	26.40	26.48	27.28	26.84	26.22	27.05	26.41	24.62	25.70	24.14
	64QAM	162	0	24.86	26.35	25.41	25.64	26.33	25.76	25.17	26.08	25.36	23.73	25.06	22.99
		1	0	23.39	25.04	23.61	23.67	24.94	23.98	23.06	24.78	23.78	21.61	24.96	22.59
		1	1	23.51	25.83	24.93	23.40	25.80	24.89	23.39	25.37	24.57	22.11	25.75	23.47
		1	160	25.09	25.99	25.09	24.92	25.58	25.21	26.53	25.42	24.64	23.65	25.17	21.32
		1	161	23.91	24.84	24.11	23.91	24.79	24.25	25.54	24.51	23.93	22.60	24.98	21.60
		81	40	24.24	25.78	24.87	25.19	25.72	25.24	24.72	25.50	24.90	23.13	24.28	22.85
	256QAM	162	0	24.21	25.79	24.83	25.25	25.79	25.27	24.59	25.55	24.83	23.24	24.58	22.61
		1	0	22.07	24.00	23.06	21.86	24.05	23.33	21.97	23.85	22.54	20.49	24.04	21.87
		1	1	22.24	23.77	22.94	22.10	23.91	23.27	22.06	24.09	22.84	20.47	24.12	21.85
		1	160	22.97	23.76	22.90	23.14	23.81	23.36	24.04	23.47	22.81	21.46	23.48	20.16
		1	161	22.74	24.01	23.11	22.68	23.76	23.32	23.77	23.85	22.88	21.72	23.73	19.92
		81	40	22.15	23.78	22.86	23.35	23.72	23.28	22.63	23.55	22.76	21.12	22.86	21.47
		162	0	22.20	23.79	22.81	23.34	23.81	23.31	22.64	23.56	22.78	21.17	23.20	21.30

OUTPUT POWER FOR 5G NR n41 (70.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				506202	518598	531000	506202	518598	531000	506202	518598	531000	506202	518598	531000
70.0	BPSK	1	0	25.56	24.29	23.84	25.52	26.20	24.49	24.43	25.40	23.62	24.00	26.64	23.89
		1	1	25.26	27.09	27.45	26.20	27.30	27.34	24.96	27.40	27.47	24.74	28.56	25.17
		1	187	27.70	28.50	27.70	28.00	28.60	26.13	28.70	28.70	27.63	25.53	27.62	24.19
		1	188	24.01	25.07	24.14	25.33	25.86	25.07	24.94	25.07	24.04	24.64	26.55	23.53
		90	45	25.31	28.70	27.67	27.93	28.70	28.00	26.96	27.39	27.70	26.50	28.64	26.50
		180	0	26.50	28.18	27.07	26.70	28.46	27.71	26.58	27.73	27.12	26.66	28.70	25.91
	QPSK	1	0	23.31	24.43	23.87	24.59	25.82	24.68	23.45	25.45	23.83	22.67	26.61	23.17
		1	1	24.93	27.21	27.51	25.21	26.54	26.15	24.16	26.67	27.17	23.44	27.68	24.18
		1	187	27.69	28.63	27.63	27.01	27.49	24.95	27.97	28.36	27.05	24.56	26.63	23.29
		1	188	24.01	25.03	24.03	25.25	25.90	24.05	25.10	25.13	24.00	23.69	25.27	22.22
		90	45	25.34	28.67	27.67	27.24	27.92	26.70	26.28	26.64	27.48	25.52	27.54	25.47
		180	0	26.18	27.68	26.62	26.17	26.98	25.99	26.45	26.36	26.67	25.70	26.86	24.66
	16QAM	1	0	22.82	24.54	24.04	23.21	24.98	24.06	22.69	24.95	23.82	22.20	26.47	22.36
		1	1	24.00	26.76	26.48	24.55	25.69	25.35	23.50	25.85	26.21	23.12	27.05	23.30
		1	187	26.52	27.42	26.59	26.29	26.68	24.32	27.07	27.27	26.22	23.57	25.77	22.33
		1	188	24.01	25.33	24.03	24.90	25.60	23.38	24.84	24.94	23.90	22.57	24.48	21.20
		90	45	25.06	27.55	26.53	26.34	26.96	25.99	25.50	25.71	26.41	24.72	26.44	24.33
		180	0	25.47	26.56	25.55	25.39	26.14	25.48	25.00	25.31	25.58	23.82	25.64	22.49
	64QAM	1	0	22.51	24.46	23.82	22.89	24.46	23.62	22.11	24.60	23.83	21.59	25.95	21.82
		1	1	23.05	25.27	24.89	23.17	24.30	24.17	22.06	24.25	24.53	21.58	26.02	21.90
		1	187	25.10	26.22	25.15	24.94	25.41	22.89	25.38	25.87	24.77	22.20	24.11	20.76
		1	188	24.08	25.02	24.18	24.62	25.10	22.93	24.97	25.04	24.12	22.02	23.71	21.07
		90	45	24.02	26.01	25.07	25.15	25.86	24.84	24.20	24.43	24.93	23.00	25.03	21.12
		180	0	24.91	26.11	24.99	25.34	25.78	25.06	24.08	24.94	25.04	23.35	24.82	21.23
	256QAM	1	0	21.16	23.52	22.92	22.02	23.06	22.46	20.88	23.01	22.63	20.17	24.80	20.76
		1	1	21.31	23.19	22.84	21.53	23.25	22.70	20.78	22.94	22.78	20.20	24.88	20.51
		1	187	22.89	24.12	22.92	23.50	23.79	21.72	24.06	24.24	23.11	20.83	22.60	19.41
		1	188	23.11	23.91	23.09	23.70	23.84	21.49	23.96	24.09	23.04	20.78	22.77	19.58
		90	45	22.31	24.04	23.01	22.90	23.28	21.82	22.87	23.01	23.02	21.83	23.65	19.73
		180	0	22.36	24.02	22.95	22.80	23.30	21.98	22.79	23.45	22.98	21.78	23.44	19.91

OUTPUT POWER FOR 5G NR n41 (80.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				507204	518598	529998	507204	518598	529998	507204	518598	529998	507204	518598	529998
80.0	BPSK	1	0	23.39	24.31	23.96	25.43	26.17	24.77	24.85	25.50	23.57	23.84	26.29	23.86
		1	1	25.22	27.31	27.64	26.04	27.27	27.31	25.38	27.35	27.32	24.74	28.39	25.43
		1	215	27.70	28.70	27.70	27.71	28.24	26.04	28.70	28.70	27.70	26.37	27.15	24.18
		1	216	23.95	25.03	23.95	25.28	25.88	24.89	25.23	25.13	24.01	24.72	26.27	23.61
		108	54	25.13	28.60	27.64	28.00	28.70	28.00	27.62	27.53	27.55	26.50	28.70	26.50
		216	0	26.65	28.11	27.04	26.70	28.16	27.52	26.67	27.64	26.97	26.60	28.46	25.45
	QPSK	1	0	23.39	24.39	23.87	24.31	25.86	24.76	23.68	25.45	23.71	22.88	26.62	23.59
		1	1	24.86	27.26	27.47	25.32	26.80	26.11	24.55	26.70	27.21	24.02	27.85	24.63
		1	215	27.51	28.67	27.64	26.97	27.33	24.98	28.02	28.12	26.75	25.49	26.38	23.27
		1	216	23.86	24.98	24.04	25.35	25.99	24.00	25.20	25.15	24.08	24.29	24.92	22.12
		108	54	25.19	28.63	27.60	27.16	27.89	26.91	26.73	26.64	27.33	25.58	27.48	25.35
		216	0	26.44	27.63	26.52	26.65	26.87	26.34	26.45	26.39	26.50	26.12	27.11	24.38
	16QAM	1	0	23.04	24.22	23.88	23.27	24.76	24.25	22.36	24.92	23.67	22.16	26.36	22.86
		1	1	24.07	26.57	26.29	24.21	25.85	25.56	23.79	25.91	26.21	23.15	26.97	23.87
		1	215	26.49	27.41	26.63	26.28	26.25	24.18	27.06	27.15	26.19	24.34	25.16	22.37
		1	216	23.91	24.82	24.08	24.96	25.55	23.43	25.20	25.24	23.92	23.45	24.26	21.05
		108	54	24.96	27.51	26.49	26.32	27.05	26.18	25.94	25.83	26.17	24.77	26.28	24.39
		216	0	25.40	26.54	25.47	25.85	26.34	25.95	25.55	25.32	25.38	25.65	25.78	21.69
	64QAM	1	0	22.44	24.26	23.77	22.99	24.42	24.13	22.29	24.52	23.86	21.56	25.89	22.31
		1	1	22.50	25.20	24.91	23.04	24.48	23.71	22.33	24.55	24.77	21.74	26.10	22.26
		1	215	24.97	25.85	25.23	24.80	25.14	23.02	25.79	25.95	24.38	22.82	23.63	20.60
		1	216	23.69	25.00	24.08	24.84	25.08	22.81	25.15	25.16	24.06	22.78	23.55	20.65
		108	54	24.02	25.97	25.03	25.11	25.92	24.80	24.51	24.44	24.89	23.27	24.75	21.01
		216	0	24.03	26.04	25.01	25.32	25.96	25.22	24.36	24.85	24.90	23.49	24.49	21.28
	256QAM	1	0	21.26	23.38	22.57	21.89	23.34	22.42	20.69	23.13	22.52	20.43	24.76	20.83
		1	1	21.21	23.22	23.03	21.69	23.39	22.58	21.06	23.00	22.64	20.26	25.21	21.02
		1	215	23.16	23.89	22.69	23.32	23.58	21.61	24.10	24.07	23.05	21.64	22.44	19.26
		1	216	22.87	23.77	22.95	23.15	23.85	21.26	24.07	24.06	22.67	21.52	22.17	19.53
		108	54	22.25	23.93	22.97	22.74	23.41	21.97	23.17	23.06	22.81	22.14	23.39	19.60
		216	0	22.26	23.96	22.98	22.75	23.28	22.08	23.06	23.51	22.80	21.82	23.13	19.84

OUTPUT POWER FOR 5G NR n41 (90.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				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	23.70	24.46	23.85	25.82	26.38	24.62	24.86	25.40	23.97	24.37	26.38	23.83
		1	1	25.40	27.49	27.26	26.47	27.71	27.09	25.53	27.23	27.45	25.14	28.70	26.11
		1	243	27.70	28.70	27.70	27.94	28.29	25.78	28.70	28.70	27.67	26.50	26.71	24.32
		1	244	24.10	25.07	23.97	25.40	26.34	24.90	25.44	25.14	24.26	24.69	26.05	23.74
		120	60	25.32	28.60	27.39	28.00	28.70	28.00	28.01	27.39	27.70	26.49	28.55	26.50
		243	0	26.45	27.95	26.73	26.70	28.70	27.62	26.70	27.47	27.13	26.59	28.58	25.72
		1	0	23.62	24.66	23.83	24.67	25.98	24.70	23.85	25.58	23.99	23.12	26.31	24.08
	QPSK	1	1	24.94	27.30	27.49	25.42	26.85	26.04	24.69	26.57	27.31	24.03	28.07	25.16
		1	243	27.62	28.68	27.54	27.07	27.14	25.04	28.50	28.22	26.82	25.60	25.61	23.48
		1	244	23.91	25.10	23.97	25.61	26.07	24.07	25.47	25.34	24.12	24.39	24.79	22.23
		120	60	25.31	28.61	27.32	27.28	28.07	26.92	26.98	26.76	27.45	25.61	27.24	25.48
		243	0	26.12	27.57	26.33	26.26	27.05	26.80	26.55	26.26	26.62	26.10	26.87	24.60
		1	0	23.10	24.24	23.61	23.16	25.43	24.18	22.82	24.92	23.93	22.34	26.55	23.48
		1	1	24.31	26.72	26.21	24.58	26.28	25.32	23.87	25.80	26.37	23.07	27.05	24.46
		1	243	26.41	27.50	26.49	26.09	26.49	24.09	27.49	27.16	26.18	24.71	25.05	22.53
	16QAM	1	244	24.10	24.93	23.87	25.36	25.60	23.29	25.22	25.05	24.16	23.73	23.98	21.48
		120	60	25.08	27.42	26.16	26.46	27.16	26.20	26.25	25.79	26.38	24.81	26.00	24.60
		243	0	25.18	26.48	25.31	25.70	26.46	25.65	25.17	25.26	25.47	25.22	25.69	21.91
		1	0	22.67	24.27	23.90	23.11	24.59	23.74	22.25	24.42	24.21	21.57	25.78	22.77
		1	1	22.88	25.25	24.92	23.32	24.63	23.79	22.61	24.22	25.06	22.00	26.04	22.90
		1	243	24.85	26.06	24.83	24.72	25.15	22.94	25.95	25.62	24.89	23.21	23.37	20.95
		1	244	23.72	24.96	23.57	24.61	25.03	23.10	25.19	25.19	24.00	23.38	23.10	20.96
		120	60	24.22	25.97	24.68	25.37	26.20	24.69	24.84	24.41	24.99	23.55	24.54	21.16
	64QAM	243	0	24.30	25.90	24.71	25.77	26.23	25.21	24.73	24.93	24.97	24.12	24.25	21.46
		1	0	21.20	23.30	22.75	21.79	23.40	22.54	21.00	22.94	22.98	20.49	24.89	21.65
		1	1	21.24	23.48	22.61	21.85	23.52	22.46	21.04	23.43	23.07	20.59	24.88	21.59
		1	243	23.16	24.14	22.89	23.58	24.02	21.55	24.15	24.40	23.02	22.02	22.19	19.70
		1	244	22.63	23.90	22.93	23.36	23.78	21.56	24.14	24.40	23.09	22.03	22.20	19.47
		120	60	22.31	23.89	22.72	22.93	23.53	22.03	23.56	23.05	23.01	22.33	23.18	19.79
		243	0	22.34	23.91	22.72	22.94	23.41	22.13	23.29	23.46	22.97	21.72	22.88	20.11
	256QAM	1	0	21.20	23.30	22.75	21.79	23.40	22.54	21.00	22.94	22.98	20.49	24.89	21.65
		1	1	21.24	23.48	22.61	21.85	23.52	22.46	21.04	23.43	23.07	20.59	24.88	21.59
		1	243	23.16	24.14	22.89	23.58	24.02	21.55	24.15	24.40	23.02	22.02	22.19	19.70
		1	244	22.63	23.90	22.93	23.36	23.78	21.56	24.14	24.40	23.09	22.03	22.20	19.47
		120	60	22.31	23.89	22.72	22.93	23.53	22.03	23.56	23.05	23.01	22.33	23.18	19.79
		243	0	22.34	23.91	22.72	22.94	23.41	22.13	23.29	23.46	22.97	21.72	22.88	20.11

OUTPUT POWER FOR 5G NR n41 (100.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				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	23.57	24.57	23.74	25.58	26.71	24.88	24.72	25.24	23.77	24.13	26.22	23.98
		1	271	27.70	28.70	27.70	27.97	28.45	26.38	28.70	28.70	27.70	26.50	26.72	24.42
		1	272	23.78	25.05	24.09	25.40	26.47	25.19	25.25	25.08	24.06	24.42	26.13	23.60
		135	67	25.16	28.53	27.31	27.23	28.62	28.00	27.61	27.24	27.38	25.68	27.99	26.21
		270	0	24.20	27.15	26.88	24.10	27.20	27.83	24.20	27.19	26.88	24.20	27.20	25.70
		1	0	23.66	24.42	23.94	24.35	26.27	24.95	23.79	25.37	23.93	23.10	26.22	23.98
		1	1	24.97	27.20	27.59	25.41	27.13	26.14	24.54	26.45	26.81	24.08	28.16	25.53
	QPSK	1	271	27.42	28.67	27.60	27.11	27.27	25.30	28.24	28.07	26.86	25.45	25.81	23.28
		1	272	24.00	25.20	23.90	25.40	26.44	24.26	24.94	25.10	24.14	24.33	24.81	22.20
		135	67	25.12	28.55	27.36	27.11	28.06	27.29	26.81	26.60	27.09	25.45	27.23	25.49
		270	0	24.10	27.00	26.33	24.08	27.06	26.88	24.15	27.00	26.37	24.11	27.00	24.49
		1	0	23.00	24.50	23.79	23.57	25.47	24.54	22.72	24.92	24.12	22.09	26.26	23.82
		1	1	23.94	26.46	26.30	24.69	26.50	25.14	23.82	25.73	26.14	22.99	27.34	24.64
		1	271	26.55	27.80	26.54	26.29	26.62	24.40	27.42	26.94	26.20	24.65	24.45	22.56
		1	272	23.98	25.26	24.01	25.21	25.51	23.69	24.82	25.10	24.07	23.73	23.60	21.22
	16QAM	135	67	24.99	27.44	26.25	26.21	27.19	26.51	26.00	25.69	26.17	24.52	26.14	24.56
		270	0	23.89	26.55	25.22	23.98	26.61	26.32	24.00	25.22	25.33	23.94	24.57	22.04
		1	0	22.48	24.57	23.92	23.41	25.07	24.28	22.10	24.51	23.86	21.60	25.73	23.32
		1	1	22.83	25.16	24.86	23.37	25.08	24.30	22.43	24.12	24.57	21.51	25.76	23.33
		1	271	24.83	26.12	25.02	24.63	25.11	23.41	26.05	25.77	24.57	23.06	23.17	21.24
		1	272	23.87	25.13	24.09	24.84	25.15	22.98	25.18	25.06	24.03	23.04	23.38	20.90
		135	67	24.17	26.01	24.76	25.36	26.25	25.16	24.66	24.34	24.69	23.12	24.45	21.20
		270	0	23.90	26.02	24.72	23.77	26.25	25.44	23.80	24.77	24.80	23.25	24.06	21.69
	64QAM	1	0	21.29	23.69	22.84	22.09	23.86	22.81	20.85	23.25	22.68	20.19	24.56	21.79
		1	1	21.34	23.14	22.67	21.97	23.83	22.95	21.14	22.83	22.50	20.20	24.87	21.82
		1	271	22.92	24.19	23.26	23.48	23.97	21.86	24.26	24.36	22.97	22.02	22.00	19.47
		1	272	23.01	24.22	23.08	23.51	23.83	22.07	23.88	24.01	23.28	21.58	22.04	19.77
		135	67	22.24	23.87	22.72	22.62	23.62	22.35	23.35	22.99	22.71	21.92	23.08	19.81
		270	0	22.29	23.92	22.71	22.88	23.55	22.38	23.00	23.31	22.78	21.34	22.73	20.24

8.6. 5G NR n41 (FCC MIMO)

Test Engineer ID:	26857	Test Date:	2024-01-22
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OUTPUT POWER FOR 5G NR n41 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 3			ANT 4			ANT 3+4		
				500202	518598	537000	500202	518598	537000	500202	518598	537000
10.0	BPSK	1	0	22.03	24.83	25.39	22.22	24.67	25.55	25.13	27.76	28.48
		1	1	25.21	28.69	27.64	25.47	28.54	27.85	28.35	31.63	30.76
		1	22	27.70	28.70	27.70	28.00	28.70	28.00	30.86	31.71	30.86
		1	23	24.20	24.78	25.54	24.20	24.73	25.72	27.21	27.77	28.65
		12	6	24.05	28.57	26.00	24.13	28.49	26.00	27.10	31.54	29.01
		24	0	24.03	28.55	25.98	24.11	28.47	25.98	27.08	31.52	28.99
	QPSK	1	0	21.45	24.32	25.44	21.68	24.01	25.43	24.58	27.18	28.45
		1	1	24.56	28.22	27.46	24.90	28.46	27.74	27.74	31.35	30.62
		1	22	27.68	28.08	27.68	27.98	28.56	27.98	30.84	31.34	30.84
		1	23	23.73	24.51	25.40	24.19	24.10	25.64	26.97	27.32	28.53
		12	6	23.07	27.41	25.54	23.12	27.98	25.99	26.10	30.71	28.78
		24	0	23.05	27.39	25.52	23.10	27.96	25.97	26.08	30.69	28.76
	16QAM	1	0	21.38	24.28	24.73	21.65	24.27	25.47	24.53	27.28	28.12
		1	1	24.55	27.38	27.16	24.80	28.38	27.67	27.69	30.92	30.43
		1	22	26.93	27.22	26.93	27.72	28.25	27.96	30.35	30.78	30.49
		1	23	22.84	24.30	24.66	24.04	24.11	25.22	26.49	27.22	27.96
		12	6	22.46	26.51	24.82	22.65	27.27	25.37	25.57	29.92	28.11
		24	0	22.44	26.49	24.80	22.63	27.25	25.35	25.55	29.90	28.09
	64QAM	1	0	20.91	24.35	24.47	21.05	24.17	24.92	23.99	27.27	27.71
		1	1	24.04	26.09	26.07	24.31	27.32	26.71	27.19	29.75	29.42
		1	22	25.61	26.03	25.81	27.36	27.12	27.02	29.58	29.62	29.47
		1	23	22.53	24.38	24.26	24.07	24.19	25.22	26.38	27.30	27.77
		12	6	22.56	26.03	24.43	22.64	26.84	25.06	25.61	29.46	27.77
		24	0	22.54	26.01	24.41	22.62	26.82	25.04	25.59	29.44	27.75
	256QAM	1	0	19.32	24.30	23.39	19.66	24.08	23.88	22.51	27.20	26.65
		1	1	22.41	24.47	24.89	22.96	24.30	25.62	25.70	27.39	28.28
		1	22	24.25	24.45	24.78	25.85	24.30	25.76	28.13	27.39	28.31
		1	23	21.17	24.43	23.10	22.75	24.24	24.16	25.04	27.35	26.67
		12	6	20.98	24.36	23.19	21.11	24.21	23.73	24.06	27.29	26.48
		24	0	20.96	24.34	23.17	21.09	24.19	23.71	24.04	27.27	26.46

OUTPUT POWER FOR 5G NR n41 (15.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 3			ANT 4			ANT 3+4		
				500700	518598	536496	500700	518598	536496	500700	518598	536496
15.0	BPSK	1	0	22.11	24.80	25.75	22.11	24.70	25.66	25.12	27.76	28.72
		1	1	25.40	28.62	27.70	25.53	28.61	27.61	28.48	31.62	30.67
		1	36	27.70	28.70	27.64	27.77	28.70	27.71	30.75	31.71	30.69
		1	37	24.18	24.72	25.69	24.14	24.77	25.81	27.17	27.75	28.76
		18	9	24.17	28.49	26.00	24.14	28.57	25.93	27.16	31.54	28.97
		36	0	24.12	28.47	25.98	24.20	28.55	25.91	27.17	31.52	28.95
	QPSK	1	0	21.61	24.20	25.55	21.48	24.08	25.71	24.56	27.15	28.64
		1	1	24.87	28.17	27.67	25.01	28.47	27.61	27.95	31.33	30.65
		1	36	27.68	27.98	27.68	27.75	28.68	27.69	30.72	31.35	30.69
		1	37	24.20	24.24	25.58	24.12	24.16	25.73	27.17	27.21	28.66
		18	9	23.22	27.19	25.87	23.09	28.14	26.00	26.17	30.70	28.95
		36	0	24.12	27.17	25.85	24.22	28.12	25.98	27.18	30.68	28.93
	16QAM	1	0	21.67	24.18	25.24	21.53	24.12	25.59	24.61	27.16	28.43
		1	1	24.66	27.34	27.63	24.85	28.54	27.65	27.76	30.99	30.65
		1	36	27.46	27.13	27.39	27.59	28.10	27.67	30.54	30.65	30.54
		1	37	23.50	24.36	25.07	24.20	24.13	25.86	26.87	27.26	28.50
		18	9	22.60	26.31	25.32	22.48	27.35	25.69	25.55	29.87	28.52
		36	0	23.85	26.29	25.30	23.95	27.33	25.67	26.91	29.85	28.50
	64QAM	1	0	21.27	24.12	24.91	21.03	24.27	25.52	24.16	27.21	28.24
		1	1	24.32	26.07	26.57	24.26	27.26	27.10	27.30	29.72	29.85
		1	36	26.24	26.01	26.61	27.50	27.01	27.21	29.93	29.55	29.93
		1	37	22.96	24.30	24.77	23.81	24.31	25.39	26.42	27.31	28.10
		18	9	22.62	25.90	24.84	22.51	26.73	25.40	25.57	29.35	28.14
		36	0	22.90	25.88	24.82	22.50	26.71	25.38	25.71	29.33	28.12
	256QAM	1	0	19.65	24.19	23.58	19.47	24.24	24.34	22.57	27.23	26.99
		1	1	22.85	24.35	25.44	22.97	24.28	25.91	25.92	27.33	28.69
		1	36	24.93	24.25	25.09	26.45	24.26	25.98	28.77	27.27	28.57
		1	37	21.64	24.27	23.58	22.96	24.29	24.29	25.36	27.29	26.96
		18	9	21.10	24.27	23.58	21.01	24.26	24.01	24.06	27.27	26.81
		36	0	21.08	24.25	23.56	20.99	24.24	23.99	24.04	27.25	26.79

OUTPUT POWER FOR 5G NR n41 (20.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 3			ANT 4			ANT 3+4		
				501204	518598	535998	501204	518598	535998	501204	518598	535998
20.0	BPSK	1	0	21.78	24.78	25.50	21.78	24.76	25.48	24.79	27.78	28.50
		1	1	25.17	28.60	27.63	25.21	28.58	27.65	28.20	31.60	30.65
		1	49	27.70	28.70	27.57	27.70	28.70	27.75	30.71	31.71	30.67
		1	50	24.16	24.82	25.55	24.08	24.73	25.62	27.13	27.79	28.60
		25	12	24.20	28.67	26.00	24.20	28.67	26.00	27.21	31.68	29.01
		50	0	24.18	28.65	25.98	24.18	28.65	25.98	27.19	31.66	28.99
	QPSK	1	0	21.47	24.26	25.51	21.51	24.20	25.46	24.50	27.24	28.49
		1	1	24.81	28.34	27.66	24.85	28.46	27.72	27.84	31.41	30.70
		1	49	27.68	28.03	27.70	27.68	28.68	27.77	30.69	31.38	30.74
		1	50	24.00	24.23	25.60	23.94	24.12	25.60	26.98	27.19	28.61
		25	12	23.14	27.37	25.97	23.18	28.23	25.98	26.17	30.83	28.98
		50	0	24.15	27.35	25.95	24.17	28.21	25.96	27.17	30.81	28.96
	16QAM	1	0	21.73	24.10	25.18	21.68	24.21	25.62	24.72	27.17	28.42
		1	1	24.77	27.33	27.57	24.89	28.43	27.58	27.84	30.93	30.59
		1	49	27.61	27.15	27.46	27.66	28.08	27.68	30.65	30.65	30.58
		1	50	23.50	24.14	25.02	24.11	24.11	25.54	26.83	27.13	28.30
		25	12	22.63	26.37	25.26	22.58	27.30	25.53	25.61	29.87	28.40
		50	0	22.61	26.35	25.24	22.56	27.28	25.51	25.59	29.85	28.38
	64QAM	1	0	21.00	24.14	24.62	21.06	24.19	25.12	24.04	27.17	27.89
		1	1	24.21	26.05	26.46	24.37	27.01	27.13	27.30	29.57	29.82
		1	49	26.47	25.87	26.37	27.30	27.00	27.17	29.92	29.48	29.80
		1	50	23.03	24.20	24.62	23.81	24.16	25.40	26.45	27.19	28.04
		25	12	22.69	25.88	24.92	22.66	26.71	25.26	25.69	29.32	28.10
		50	0	22.67	25.86	24.90	22.64	26.69	25.24	25.67	29.30	28.08
	256QAM	1	0	19.56	24.15	23.42	19.67	24.02	24.19	22.63	27.10	26.83
		1	1	22.91	24.24	25.16	22.96	24.16	25.95	25.94	27.21	28.58
		1	49	25.15	24.16	25.13	26.21	24.14	25.98	28.73	27.16	28.59
		1	50	21.75	24.02	23.42	22.85	24.13	24.26	25.34	27.08	26.87
		25	12	21.18	24.21	23.64	21.07	24.13	23.94	24.14	27.18	26.80
		50	0	21.16	24.19	23.62	21.05	24.11	23.92	24.12	27.16	26.78

OUTPUT POWER FOR 5G NR n41 (25.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 3			ANT 4			ANT 3+4		
				501702	518598	535500	501702	518598	535500	501702	518598	535500
25.0	BPSK	1	0	22.06	24.71	25.61	22.19	24.61	25.62	25.13	27.67	28.62
		1	1	25.47	28.68	27.70	25.72	28.53	27.83	28.61	31.61	30.77
		1	63	27.70	28.70	27.63	28.00	28.60	28.00	30.86	31.66	30.83
		1	64	24.16	24.63	25.53	24.16	24.66	25.67	27.17	27.65	28.61
		32	16	24.20	28.51	25.92	24.20	28.52	25.95	27.21	31.53	28.94
		64	0	24.18	28.49	25.90	24.18	28.50	25.93	27.19	31.51	28.92
	QPSK	1	0	21.48	24.31	25.65	21.74	24.09	25.71	24.62	27.21	28.69
		1	1	24.83	28.38	27.62	25.31	28.52	27.84	28.09	31.46	30.74
		1	63	27.68	28.06	27.41	27.93	28.60	27.67	30.82	31.35	30.55
		1	64	24.01	24.29	25.51	24.18	24.04	25.67	27.11	27.18	28.60
		32	16	23.12	27.38	26.00	23.26	28.33	26.00	26.20	30.89	29.01
		64	0	23.10	27.36	25.98	23.24	28.31	25.98	26.18	30.87	28.99
	16QAM	1	0	21.58	24.24	25.07	21.75	24.03	25.73	24.67	27.15	28.43
		1	1	24.94	27.44	27.54	25.12	28.32	27.86	28.04	30.91	30.71
		1	63	27.49	27.24	27.28	27.91	28.20	27.65	30.72	30.76	30.48
		1	64	23.18	24.29	24.83	24.18	24.08	25.49	26.72	27.20	28.18
		32	16	22.54	26.42	25.20	22.68	27.09	25.77	25.62	29.78	28.50
		64	0	22.52	26.40	25.18	22.66	27.07	25.75	25.60	29.76	28.48
	64QAM	1	0	21.17	24.27	24.65	21.24	24.12	25.61	24.22	27.21	28.17
		1	1	24.33	26.08	26.41	24.74	27.17	27.40	27.55	29.67	29.94
		1	63	26.12	25.98	26.18	27.32	27.07	27.22	29.77	29.57	29.74
		1	64	22.68	24.15	24.46	24.14	24.25	25.36	26.48	27.21	27.95
		32	16	22.53	25.95	24.77	22.70	26.66	25.36	25.63	29.33	28.09
		64	0	22.51	25.93	24.75	22.68	26.64	25.34	25.61	29.31	28.07
	256QAM	1	0	19.52	24.21	23.27	19.57	24.13	24.30	22.56	27.18	26.83
		1	1	22.82	24.25	25.05	23.15	24.06	26.34	26.00	27.17	28.75
		1	63	24.81	24.31	25.05	26.12	24.17	26.13	28.52	27.25	28.63
		1	64	21.43	24.10	23.29	22.67	24.06	24.23	25.10	27.09	26.79
		32	16	21.09	24.27	23.48	21.07	24.07	24.03	24.09	27.18	26.77
		64	0	21.07	24.25	23.46	21.05	24.05	24.01	24.07	27.16	26.75

OUTPUT POWER FOR 5G NR n41 (30.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 3			ANT 4			ANT 3+4		
				502200	518598	524996	502200	518598	524996	502200	518598	524996
30.0	BPSK	1	0	22.36	24.62	25.88	22.46	24.63	26.00	25.42	27.63	28.95
		1	1	25.89	28.53	27.70	26.29	28.55	27.93	29.10	31.55	30.83
		1	76	27.95	28.70	27.70	28.20	28.70	28.00	31.09	31.71	30.86
		1	77	24.44	24.66	25.89	24.45	24.64	25.94	27.46	27.66	28.92
		36	18	24.37	28.59	26.00	24.45	28.57	25.92	27.42	31.59	28.97
		75	0	25.33	28.57	25.98	25.45	28.55	25.90	28.40	31.57	28.95
	QPSK	1	0	21.72	24.23	25.75	21.86	24.12	25.92	24.80	27.19	28.85
		1	1	25.28	28.32	27.70	25.81	28.59	27.85	28.56	31.47	30.79
		1	76	27.92	27.91	27.58	28.18	28.68	27.98	31.07	31.32	30.79
		1	77	24.45	24.18	25.76	24.37	24.13	25.98	27.42	27.16	28.88
		36	18	23.36	27.46	25.88	23.44	28.36	25.90	26.41	30.95	28.90
		75	0	25.35	27.44	25.86	25.25	28.34	25.88	28.31	30.93	28.88
	16QAM	1	0	21.79	24.32	25.25	21.91	24.11	25.81	24.86	27.22	28.55
		1	1	25.26	27.57	27.62	25.78	28.33	27.95	28.54	30.98	30.80
		1	76	27.76	27.19	27.54	28.01	28.01	27.96	30.90	30.63	30.76
		1	77	23.56	23.99	25.05	24.37	24.06	25.90	26.99	27.04	28.51
		36	18	22.73	26.44	25.49	22.98	27.19	25.91	25.87	29.84	28.72
		75	0	23.50	26.42	25.47	23.50	27.17	25.89	26.51	29.82	28.70
	64QAM	1	0	21.32	24.23	24.85	21.60	24.07	25.89	24.47	27.16	28.41
		1	1	24.64	26.11	26.72	25.30	27.06	27.92	27.99	29.62	30.37
		1	76	26.63	26.10	26.57	27.85	26.93	27.42	30.29	29.55	30.02
		1	77	23.20	24.15	24.83	24.34	24.17	25.59	26.82	27.17	28.24
		36	18	22.85	26.03	24.97	22.89	26.75	25.58	25.88	29.42	28.30
		75	0	22.83	26.01	24.95	22.87	26.73	25.56	25.86	29.40	28.28
	256QAM	1	0	19.78	24.33	23.53	19.74	24.27	24.83	22.77	27.31	27.24
		1	1	23.21	24.17	25.13	24.00	24.18	26.80	26.63	27.18	29.06
		1	76	25.31	24.13	25.31	26.90	24.16	26.40	29.18	27.15	28.90
		1	77	21.77	24.21	23.59	23.23	24.16	24.32	25.57	27.20	26.98
		36	18	21.30	24.25	23.63	21.31	24.07	24.31	24.32	27.17	26.99
		75	0	21.28	24.23	23.61	21.29	24.05	24.29	24.30	27.15	26.97

OUTPUT POWER FOR 5G NR n41 (35.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 3			ANT 4			ANT 3+4		
				502704	518598	534498	502704	518598	534498	502704	518598	534498
35.0	BPSK	1	0	22.62	24.02	22.34	22.16	23.00	22.30	25.41	26.55	25.33
		1	1	27.17	28.53	27.30	27.64	28.55	27.82	30.42	31.55	30.58
		1	90	27.70	28.70	27.58	27.71	28.70	28.00	30.72	31.71	30.81
		1	91	22.45	24.02	22.58	22.16	23.17	22.57	25.32	26.63	25.59
		45	22	27.50	28.62	27.70	28.00	28.67	27.84	30.77	31.66	30.78
		90	0	25.12	28.03	26.57	25.20	27.32	26.58	28.17	30.70	29.59
	QPSK	1	0	22.18	23.49	21.81	21.72	22.43	21.85	24.97	26.00	24.84
		1	1	25.92	27.69	26.54	26.59	27.91	27.42	29.28	30.81	30.01
		1	90	26.65	27.84	26.81	26.90	27.66	27.02	29.79	30.76	29.93
		1	91	22.07	23.49	22.05	21.68	22.63	22.10	24.89	26.09	25.09
		45	22	26.54	27.70	26.79	27.22	27.79	26.95	29.90	30.76	29.88
		90	0	25.12	25.95	25.69	25.08	25.45	25.97	28.11	28.72	28.84
	16QAM	1	0	22.09	23.50	21.79	22.60	22.45	21.79	25.36	26.02	24.80
		1	1	25.00	26.79	25.61	25.91	26.78	26.44	28.49	29.80	29.06
		1	90	25.80	26.95	25.96	26.62	26.60	26.12	29.24	29.79	29.05
		1	91	21.93	23.49	22.01	22.52	22.65	22.07	25.25	26.10	25.05
		45	22	25.69	26.89	25.85	26.26	26.84	26.10	28.99	29.88	28.99
		90	0	24.30	26.02	24.87	24.50	25.70	25.03	27.41	28.87	27.96
	64QAM	1	0	22.05	23.48	22.11	22.63	22.52	22.04	25.36	26.04	25.09
		1	1	23.45	25.51	24.47	24.40	25.26	25.07	26.96	28.40	27.79
		1	90	24.36	25.61	24.84	25.20	25.22	24.92	27.81	28.43	27.89
		1	91	22.01	23.62	22.28	22.56	22.70	22.35	25.30	26.19	25.33
		45	22	24.38	25.50	24.53	24.80	25.42	24.70	27.61	28.47	27.63
		90	0	23.44	25.46	24.27	23.98	25.15	24.53	26.73	28.32	27.41
	256QAM	1	0	21.72	23.07	21.49	22.24	21.97	21.58	25.00	25.57	24.55
		1	1	21.41	23.14	21.58	22.14	22.02	21.57	24.80	25.63	24.59
		1	90	21.54	23.23	21.78	22.21	22.30	21.85	24.90	25.80	24.83
		1	91	21.72	23.01	21.76	22.29	22.28	21.89	25.02	25.67	24.84
		45	22	21.98	23.61	21.96	21.72	22.55	21.91	24.86	26.12	24.95
		90	0	22.05	23.54	21.89	22.56	22.56	21.92	25.32	26.09	24.92

OUTPUT POWER FOR 5G NR n41 (40.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 3			ANT 4			ANT 3+4		
				503202	518598	534000	503202	518598	534000	503202	518598	534000
40.0	BPSK	1	0	2516.0	2593.0	2670.0	2516.0	2593.0	2670.0	2516.0	2593.0	2670.0
		1	1	22.00	24.90	24.96	21.95	24.48	24.99	24.98	27.71	27.99
		1	1	24.76	28.70	27.57	25.04	28.33	27.59	27.91	31.53	30.59
		1	104	27.70	28.13	27.70	27.77	28.29	27.80	30.75	31.22	30.76
		1	105	24.05	24.90	25.03	24.12	24.66	25.21	27.10	27.79	28.14
		50	25	24.20	28.50	26.00	24.11	28.51	26.00	27.17	31.52	29.01
	QPSK	100	0	24.18	28.48	25.98	24.09	28.49	25.98	27.15	31.50	28.99
		1	0	21.33	24.31	24.94	21.47	23.91	25.00	24.41	27.13	27.98
		1	1	24.23	28.35	27.49	24.49	27.97	27.58	27.37	31.18	30.55
		1	104	27.68	27.47	26.57	27.77	27.72	26.81	30.73	30.61	29.71
		1	105	24.15	24.26	25.03	24.00	24.14	25.13	27.09	27.21	28.09
		50	25	23.18	27.16	25.24	23.12	27.54	25.98	26.16	30.36	28.63
	16QAM	100	0	23.16	27.14	25.22	23.10	27.52	25.96	26.14	30.34	28.61
		1	0	21.53	24.48	24.33	21.50	23.93	25.11	24.52	27.22	27.74
		1	1	24.28	27.56	27.20	24.39	27.36	27.72	27.35	30.47	30.48
		1	104	27.47	26.97	26.96	27.75	27.11	27.57	30.62	30.05	30.29
		1	105	23.86	24.50	24.49	24.20	24.04	25.26	27.05	27.29	27.90
		50	25	22.57	26.32	24.46	22.42	26.77	25.90	25.51	29.56	28.25
	64QAM	100	0	22.55	26.30	24.44	22.40	26.75	25.88	25.49	29.54	28.23
		1	0	20.89	24.38	24.02	20.92	23.98	24.92	23.92	27.20	27.51
		1	1	23.91	26.24	25.99	24.13	26.18	27.46	27.03	29.22	29.80
		1	104	26.09	25.78	25.94	27.48	26.26	27.23	29.85	29.03	29.64
		1	105	23.34	24.26	24.08	23.85	24.09	25.19	26.61	27.19	27.68
		50	25	22.58	25.74	23.99	22.47	26.28	25.47	25.54	29.03	27.81
	256QAM	100	0	22.56	25.72	23.97	22.45	26.26	25.45	25.52	29.01	27.79
		1	0	19.42	24.37	22.65	19.47	23.70	24.10	22.45	27.06	26.45
		1	1	22.13	24.18	24.59	22.42	23.86	25.66	25.29	27.03	28.17
		1	104	24.75	24.12	24.79	25.84	24.13	25.75	28.34	27.14	28.31
		1	105	22.15	24.23	22.87	22.98	23.86	23.90	25.59	27.06	26.43
		50	25	21.07	24.43	22.71	21.05	24.09	24.19	24.07	27.28	26.52
		100	0	21.05	24.41	22.69	21.03	24.07	24.17	24.05	27.26	26.50

OUTPUT POWER FOR 5G NR n41 (45.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 3			ANT 4			ANT 3+4		
				503700	518598	533496	503700	518598	533496	503700	518598	533496
45.0	BPSK	1	0	2518.5	2593.0	2667.5	2518.5	2593.0	2667.5	2518.5	2593.0	2667.5
		1	1	24.09	25.14	25.22	23.85	24.44	24.42	26.99	27.82	27.85
		1	1	23.93	28.69	27.56	23.95	28.70	27.80	26.95	31.71	30.69
		1	117	27.70	28.70	27.70	27.40	28.11	28.00	30.56	31.42	30.86
		1	118	24.17	25.04	25.06	23.79	24.41	24.53	26.99	27.75	27.81
		54	27	24.20	26.70	26.00	23.91	26.70	26.00	27.07	29.71	29.01
	QPSK	108	0	25.12	26.67	25.98	25.20	26.67	25.98	28.17	29.68	28.99
		1	0	23.61	25.00	25.11	23.22	24.39	24.38	26.43	27.72	27.77
		1	1	23.48	28.68	27.56	23.31	28.09	27.80	26.41	31.40	30.70
		1	117	27.68	28.61	27.70	27.38	28.12	27.96	30.54	31.39	30.84
		1	118	24.10	25.09	25.24	23.78	24.40	24.64	26.95	27.77	27.96
		54	27	23.72	26.10	25.58	23.28	26.19	25.55	26.52	29.16	28.58
	16QAM	108	0	25.11	26.07	25.56	25.08	26.16	25.53	28.11	29.13	28.56
		1	0	23.81	25.24	25.22	23.39	24.44	24.29	26.61	27.86	27.79
		1	1	23.36	27.54	26.59	23.30	26.92	26.58	26.34	30.26	29.59
		1	117	26.39	27.61	26.55	26.36	27.07	26.81	29.38	30.36	29.69
		1	118	24.17	25.13	25.36	23.79	24.57	24.36	27.00	27.87	27.90
		54	27	23.70	25.02	24.50	23.32	25.10	24.36	26.53	28.07	27.44
	64QAM	108	0	24.00	24.99	24.48	24.15	25.07	24.34	27.09	28.04	27.42
		1	0	23.24	25.17	25.10	22.89	24.50	24.43	26.08	27.86	27.79
		1	1	22.92	26.08	24.86	22.71	25.54	25.16	25.83	28.83	28.02
		1	117	25.04	26.21	25.00	24.92	25.49	25.38	27.99	28.88	28.20
		1	118	24.20	25.22	25.21	23.86	24.36	24.42	27.04	27.82	27.84
		54	27	23.57	24.53	23.93	23.22	24.70	23.96	26.41	27.63	26.95
	256QAM	108	0	23.55	24.50	23.91	23.20	24.67	23.94	26.39	27.60	26.93
		1	0	21.49	24.11	24.20	21.34	23.37	23.43	24.42	26.76	26.84
		1	1	21.45	23.95	23.11	21.36	23.45	23.22	24.41	26.72	26.18
		1	117	23.10	23.98	23.13	22.97	23.55	23.30	26.05	26.78	26.22
		1	118	23.39	23.97	24.03	22.92	23.24	23.41	26.17	26.63	26.74
		54	27	23.16	22.50	21.92	22.83	22.64	21.90	26.01	25.58	24.92
		108	0	23.14	22.47	21.90	22.81	22.61	21.88	25.99	25.55	24.90

OUTPUT POWER FOR 5G NR n41 (50.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 3			ANT 4			ANT 3+4		
				504204	518598	532998	504204	518598	532998	504204	518598	532998
50.0	BPSK	1	0	22.04	24.74	23.47	21.86	24.45	22.58	24.96	27.61	26.05
		1	1	22.59	28.70	27.70	22.76	28.06	28.00	25.69	31.40	30.86
		1	131	27.70	28.04	26.92	28.00	28.15	27.23	30.86	31.11	30.09
		1	132	24.11	24.80	23.72	24.03	24.87	22.92	27.08	27.84	26.35
		64	32	24.13	28.59	26.00	23.94	28.68	26.00	27.05	31.64	29.01
		128	0	24.11	28.57	25.98	23.92	28.66	25.98	27.03	31.62	28.99
	QPSK	1	0	21.43	24.26	23.82	21.15	24.18	22.94	24.30	27.23	26.41
		1	1	22.19	28.17	27.13	22.18	27.47	27.60	25.19	30.84	30.38
		1	131	27.49	27.60	26.86	27.98	27.78	27.36	30.75	30.70	30.12
		1	132	24.20	24.31	23.75	23.91	24.24	22.92	27.07	27.29	26.36
		64	32	23.13	27.57	24.99	22.85	27.61	25.22	26.00	30.60	28.12
		128	0	23.11	27.55	24.97	22.83	27.59	25.20	25.98	30.58	28.10
	16QAM	1	0	21.50	24.23	23.52	21.38	24.18	22.63	24.45	27.22	26.11
		1	1	21.91	27.54	26.51	22.08	27.09	26.85	25.00	30.33	29.70
		1	131	26.81	26.90	25.86	27.26	27.04	26.76	30.05	29.98	29.34
		1	132	24.08	24.42	23.68	24.06	24.24	22.93	27.08	27.34	26.33
		64	32	22.48	26.39	23.90	22.32	26.89	24.22	25.41	29.66	27.07
		128	0	22.46	26.37	23.88	22.30	26.87	24.20	25.39	29.64	27.05
	64QAM	1	0	21.06	24.14	23.39	20.98	24.18	22.43	24.03	27.17	25.94
		1	1	21.65	26.28	25.15	21.76	25.85	25.80	24.72	29.08	28.50
		1	131	25.41	25.85	24.95	25.62	26.14	25.44	28.52	29.01	28.21
		1	132	24.05	24.17	23.61	24.20	24.40	22.86	27.13	27.30	26.26
		64	32	22.58	25.99	23.37	22.32	26.38	23.51	25.46	29.20	26.45
		128	0	22.56	25.97	23.35	22.30	26.36	23.49	25.44	29.18	26.43
	256QAM	1	0	19.29	24.12	22.28	19.32	24.24	21.46	22.32	27.19	24.90
		1	1	20.20	24.21	23.53	19.89	24.24	23.51	23.06	27.23	26.53
		1	131	23.61	24.48	23.58	23.54	24.07	23.72	26.58	27.29	26.66
		1	132	22.96	24.27	22.45	23.00	24.21	21.60	25.99	27.25	25.06
		64	32	21.00	24.32	22.13	20.86	24.17	21.46	23.94	27.26	24.82
		128	0	20.98	24.30	22.11	20.84	24.15	21.44	23.92	27.24	24.80

OUTPUT POWER FOR 5G NR n41 (60.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 3			ANT 4			ANT 3+4		
				505200	518598	531996	505200	518598	531996	505200	518598	531996
60.0	BPSK	1	0	21.39	24.85	25.94	21.53	26.54	25.71	24.47	28.79	28.84
		1	1	22.59	28.70	27.70	22.83	28.70	28.00	25.72	31.71	30.86
		1	160	27.70	28.23	26.87	28.00	28.65	27.45	30.86	31.45	30.18
		1	161	23.60	24.82	26.00	23.58	26.62	26.00	26.60	28.82	29.01
		81	40	24.20	28.59	26.00	24.20	26.69	26.00	27.21	30.75	29.01
		162	0	24.18	28.57	25.98	24.18	26.66	25.98	27.19	30.73	28.99
	QPSK	1	0	20.88	24.32	25.98	21.09	26.45	25.80	23.99	28.52	28.90
		1	1	22.14	28.14	26.87	22.33	28.63	27.55	25.25	31.40	30.24
		1	160	27.68	27.57	26.43	27.98	28.32	27.02	30.84	30.97	29.75
		1	161	23.56	24.21	26.00	23.52	26.64	25.73	26.55	28.61	28.88
		81	40	23.11	27.79	24.77	23.17	26.70	25.61	26.15	30.29	28.22
		162	0	23.09	27.77	24.75	23.15	26.67	25.59	26.13	30.27	28.20
	16QAM	1	0	20.97	24.17	25.86	20.99	26.54	25.44	23.99	28.52	28.67
		1	1	22.22	27.32	26.30	22.28	28.61	27.25	25.26	31.02	29.81
		1	160	26.94	26.97	25.91	27.43	27.32	26.59	30.20	30.16	29.27
		1	161	23.53	24.20	25.52	23.43	26.27	25.46	26.49	28.37	28.50
		81	40	22.62	26.64	23.76	22.68	25.75	24.82	25.66	29.23	27.34
		162	0	22.60	26.62	23.74	22.66	25.72	24.80	25.64	29.21	27.32
	64QAM	1	0	20.59	24.06	25.54	20.51	26.39	25.36	23.56	28.39	28.46
		1	1	21.53	26.14	25.25	21.90	27.35	26.08	24.73	29.80	28.70
		1	160	25.98	25.88	24.87	25.79	26.45	25.55	28.90	29.18	28.23
		1	161	23.68	24.21	25.24	23.66	26.33	25.11	26.68	28.41	28.18
		81	40	22.67	26.22	23.48	22.68	25.50	24.52	25.69	28.89	27.04
		162	0	22.65	26.20	23.46	22.66	25.47	24.50	25.67	28.86	27.02
	256QAM	1	0	18.93	24.28	24.21	19.00	25.35	24.12	21.98	27.86	27.18
		1	1	20.17	24.06	23.94	20.22	25.19	24.30	23.21	27.67	27.13
		1	160	25.27	24.43	23.69	25.43	25.30	24.49	28.36	27.90	27.12
		1	161	24.20	23.89	24.24	24.20	25.28	23.92	27.21	27.65	27.09
		81	40	22.80	24.13	22.18	22.83	23.57	22.87	25.82	26.87	25.55
		162	0	22.78	24.11	22.16	22.81	23.54	22.85	25.80	26.84	25.53

OUTPUT POWER FOR 5G NR n41 (70.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 3			ANT 4			ANT 3+4		
				506202	518598	531000	506202	518598	531000	506202	518598	531000
70.0	BPSK	1	0	21.79	23.55	25.93	22.14	23.59	25.84	24.98	26.58	28.90
		1	1	23.22	23.71	27.70	24.69	23.61	25.75	27.03	26.67	29.85
		1	187	27.70	28.30	27.21	27.37	27.12	25.17	30.55	30.76	29.32
		1	188	24.12	24.56	26.00	24.20	24.88	24.77	27.17	27.74	28.44
		90	45	24.20	28.70	26.00	24.20	28.70	26.00	27.21	31.71	29.01
		180	0	26.00	28.68	25.98	26.12	28.14	25.98	29.07	31.43	28.99
	QPSK	1	0	21.47	23.13	25.32	21.68	23.22	24.60	24.59	26.18	27.99
		1	1	22.78	23.05	26.55	24.10	23.03	24.36	26.50	26.05	28.61
		1	187	27.16	27.64	25.85	26.56	26.40	23.24	29.88	30.08	27.75
		1	188	24.20	23.90	24.44	23.26	24.32	22.62	26.77	27.12	26.63
		90	45	23.13	27.61	24.16	23.02	27.05	23.87	26.08	30.35	27.03
		180	0	25.99	27.59	27.30	26.01	27.03	25.30	29.01	30.33	29.42
	16QAM	1	0	21.44	23.28	24.02	21.52	23.30	22.12	24.49	26.30	26.18
		1	1	22.78	22.98	25.84	24.13	23.11	23.45	26.52	26.06	27.81
		1	187	26.38	26.97	25.66	26.16	25.91	22.76	29.28	29.49	27.46
		1	188	23.76	24.42	24.54	22.60	24.28	22.06	26.23	27.36	26.49
		90	45	22.60	26.55	23.36	22.49	26.66	23.85	25.56	29.62	26.62
		180	0	24.58	26.53	23.34	24.47	26.64	23.83	27.54	29.60	26.60
	64QAM	1	0	20.95	22.73	23.98	21.15	22.38	22.81	24.06	25.57	26.45
		1	1	21.99	22.69	24.72	23.59	22.63	22.67	25.87	25.67	26.83
		1	187	25.01	25.68	24.51	24.68	24.67	22.34	27.86	28.21	26.57
		1	188	23.50	24.21	23.88	22.37	24.43	22.08	25.98	27.33	26.08
		90	45	22.61	26.16	22.92	22.50	26.06	23.71	25.57	29.12	26.35
		180	0	24.00	26.14	22.90	24.35	26.04	23.69	27.19	29.10	26.33
	256QAM	1	0	19.50	21.02	22.32	19.73	20.95	21.43	22.63	23.99	24.91
		1	1	20.45	20.96	23.44	22.20	21.26	21.86	24.42	24.12	25.73
		1	187	23.51	24.07	23.25	23.74	23.19	21.06	26.64	26.66	25.30
		1	188	22.13	24.02	22.89	21.05	23.65	21.08	24.63	26.85	25.09
		90	45	21.03	24.25	21.77	20.68	23.53	19.73	23.87	26.91	23.88
		180	0	21.01	24.23	21.75	20.66	23.51	19.71	23.85	26.89	23.86

OUTPUT POWER FOR 5G NR n41 (80.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 3			ANT 4			ANT 3+4		
				507204	518598	529998	507204	518598	529998	507204	518598	529998
80.0	BPSK	1	0	21.68	24.74	25.92	22.73	24.79	26.00	25.25	27.78	28.97
		1	1	23.70	28.01	27.67	24.66	27.00	26.02	27.22	30.54	29.94
		1	215	27.70	28.54	27.70	26.90	27.29	24.97	30.33	30.97	29.56
		1	216	24.20	24.52	26.00	24.20	24.69	24.13	27.21	27.62	28.18
		108	54	24.20	28.70	22.57	24.20	28.60	26.00	27.21	31.66	27.63
		216	0	26.12	28.68	22.55	25.98	27.90	25.98	29.06	31.32	27.61
	QPSK	1	0	21.23	24.24	25.46	22.45	24.31	23.73	24.89	27.29	27.69
		1	1	23.29	27.56	27.15	23.99	26.01	25.12	26.66	29.86	29.26
		1	215	26.40	27.24	26.27	25.89	26.01	23.42	29.16	29.68	28.08
		1	216	23.43	24.12	24.82	22.93	24.42	22.23	26.20	27.28	26.73
		108	54	23.62	27.52	26.00	23.86	27.16	24.13	26.75	30.36	28.18
		216	0	25.99	27.50	25.98	26.15	27.14	24.11	29.08	30.34	28.16
	16QAM	1	0	20.50	24.12	23.40	21.82	24.14	22.41	24.22	27.14	25.95
		1	1	23.16	27.10	25.67	24.33	25.45	23.67	26.80	29.36	27.80
		1	215	25.62	26.46	25.58	25.10	25.48	22.71	28.38	29.01	27.39
		1	216	22.69	24.09	24.69	22.34	24.51	21.84	25.53	27.31	26.51
		108	54	22.94	26.53	25.28	23.10	26.31	22.42	26.03	29.43	27.09
		216	0	24.00	26.51	25.26	23.85	26.29	22.40	26.94	29.41	27.07
	64QAM	1	0	20.60	24.07	23.77	21.16	24.37	21.52	23.90	27.23	25.80
		1	1	22.55	25.48	24.35	23.17	24.49	21.98	25.88	28.02	26.34
		1	215	24.43	25.46	24.55	23.74	24.62	20.91	27.11	28.07	26.11
		1	216	22.49	24.35	24.22	21.97	24.56	20.78	25.25	27.47	25.84
		108	54	22.96	26.16	24.89	23.08	26.04	22.52	26.03	29.11	26.88
		216	0	23.50	26.14	24.87	23.98	26.02	22.50	26.76	29.09	26.86
	256QAM	1	0	19.04	24.11	22.34	20.28	23.42	20.94	22.71	26.79	24.71
		1	1	21.18	24.22	22.82	22.30	23.41	21.05	24.79	26.84	25.04
		1	215	23.08	24.16	23.57	22.62	23.30	20.30	25.87	26.76	25.25
		1	216	21.08	23.81	22.87	20.68	23.15	20.29	23.89	26.50	24.78
		108	54	21.22	24.15	23.79	20.02	23.50	19.27	23.67	26.85	25.10
		216	0	21.85	24.13	23.77	21.33	23.48	19.25	24.61	26.83	25.08

OUTPUT POWER FOR 5G NR n41 (90.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 3			ANT 4			ANT 3+4		
				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
		1	1	21.84	24.89	25.86	23.19	24.79	25.47	25.58	27.85	28.68
		1	1	24.44	28.35	27.12	24.31	27.13	25.63	27.39	30.79	29.45
		1	243	27.70	27.97	26.52	26.63	26.53	23.44	30.21	30.32	28.26
		1	244	24.20	24.86	24.97	24.20	24.80	22.82	27.21	27.84	27.04
		120	60	24.20	28.70	26.00	24.20	28.57	26.00	27.21	31.65	29.01
	QPSK	243	0	24.18	28.68	25.98	24.18	28.15	25.98	27.19	31.43	28.99
		1	0	20.64	24.63	26.00	22.28	24.45	25.32	24.55	27.55	28.68
		1	1	24.23	27.31	27.11	23.99	26.30	25.31	27.12	29.84	29.31
		1	243	26.58	27.49	26.44	25.83	25.91	23.33	29.23	29.78	28.17
		1	244	22.91	24.48	24.21	23.22	24.52	21.93	26.08	27.51	26.23
		120	60	22.95	27.71	25.04	22.58	27.21	24.60	25.78	30.48	27.83
	16QAM	243	0	24.11	27.69	25.02	24.21	27.19	24.58	27.17	30.46	27.81
		1	0	20.73	24.36	23.14	22.21	24.44	22.63	24.55	27.41	25.90
		1	1	24.13	26.87	25.51	23.89	25.71	24.25	27.02	29.34	27.94
		1	243	26.02	26.49	25.37	24.86	25.50	22.89	28.48	29.03	27.32
		1	244	21.94	24.19	23.44	22.63	24.36	21.18	25.31	27.28	25.46
		120	60	22.33	26.80	24.30	22.13	26.52	22.71	25.24	29.67	26.59
	64QAM	243	0	22.31	26.78	24.28	22.11	26.50	22.69	25.22	29.65	26.57
		1	0	19.90	24.70	22.99	21.66	24.35	22.51	23.88	27.54	25.77
		1	1	22.80	25.53	24.42	22.87	24.42	23.37	25.84	28.02	26.94
		1	243	24.15	25.66	24.20	23.23	24.23	21.20	26.73	28.01	25.96
		1	244	20.98	24.40	23.37	22.19	24.29	21.10	24.64	27.36	25.39
		120	60	22.42	26.34	23.96	21.03	26.01	23.14	24.79	29.18	26.58
	256QAM	243	0	22.40	26.32	23.94	21.01	25.99	23.12	24.77	29.16	26.56
		1	0	18.33	24.08	21.21	20.31	23.57	21.38	22.44	26.84	24.31
		1	1	21.37	24.27	22.75	21.47	23.53	21.88	24.43	26.93	25.35
		1	243	22.89	24.07	22.99	22.04	23.02	20.20	25.50	26.59	24.83
		1	244	20.11	24.27	22.14	21.07	22.94	20.14	23.63	26.67	24.26
		120	60	20.89	24.34	22.76	18.82	23.46	19.22	22.99	26.93	24.35
		243	0	20.87	24.32	22.74	18.80	23.44	19.20	22.97	26.91	24.33

OUTPUT POWER FOR 5G NR n41 (100.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 3			ANT 4			ANT 3+4		
				509202	518598	528000	509202	518598	528000	509202	518598	528000
100.0	BPSK			2546.0	2593.0	2640.0	2546.0	2593.0	2640.0	2546.0	2593.0	2640.0
		1	0	22.11	24.68	26.00	23.43	24.93	25.72	25.83	27.82	28.87
		1	1	24.60	28.23	27.44	25.01	27.23	26.19	27.82	30.77	29.87
		1	271	27.70	27.92	26.22	26.43	26.52	23.46	30.12	30.28	28.07
		1	272	24.20	24.72	25.03	24.20	24.95	23.25	27.21	27.85	27.24
		135	67	24.20	28.70	25.80	24.20	28.55	26.00	27.21	31.64	28.91
	QPSK	270	0	23.50	25.54	25.78	23.85	25.75	25.98	26.69	28.66	28.89
		1	0	21.51	24.32	24.69	22.43	24.45	24.71	25.00	27.40	27.71
		1	1	24.19	27.46	26.37	24.12	26.46	25.16	27.17	30.00	28.82
		1	271	27.12	27.13	25.81	25.94	26.01	22.83	29.58	29.62	27.58
		1	272	23.07	24.27	23.86	23.29	24.49	21.94	26.19	27.39	26.02
		135	67	22.68	27.71	26.00	22.50	27.36	25.85	25.60	30.55	28.94
	16QAM	270	0	23.50	25.45	25.98	23.44	25.55	25.83	26.48	28.51	28.92
		1	0	20.49	24.28	23.67	22.24	24.45	23.81	24.46	27.38	26.75
		1	1	24.17	26.79	25.84	24.35	26.15	24.25	27.27	29.49	28.13
		1	271	26.01	26.49	25.24	24.68	25.31	22.33	28.41	28.95	27.04
		1	272	21.76	24.19	22.83	22.17	24.39	21.11	24.98	27.31	25.06
		135	67	22.37	26.65	24.79	22.25	26.63	23.03	25.32	29.65	27.01
	64QAM	270	0	22.35	25.33	24.77	22.23	25.12	23.01	25.30	28.24	26.99
		1	0	19.88	24.60	22.74	21.28	24.41	22.82	23.65	27.52	25.79
		1	1	22.58	25.51	24.13	23.15	24.93	22.88	25.89	28.24	26.56
		1	271	23.94	25.47	24.16	23.57	24.32	21.02	26.77	27.94	25.88
		1	272	21.55	24.17	22.68	22.13	24.27	20.81	24.86	27.23	24.86
		135	67	22.35	26.32	24.35	21.55	26.34	22.54	24.98	29.34	26.55
	256QAM	270	0	22.33	25.00	24.33	21.53	25.12	22.52	24.96	28.07	26.53
		1	0	18.29	24.11	21.29	20.40	23.66	21.53	22.49	26.90	24.42
		1	1	21.42	24.02	22.92	21.99	24.10	22.10	24.73	27.07	25.54
		1	271	22.66	24.40	22.74	22.14	23.00	19.76	25.42	26.77	24.51
		1	272	20.06	24.10	21.95	20.58	23.38	20.12	23.34	26.77	24.14
		135	67	20.60	24.32	23.21	18.53	23.52	19.56	22.70	26.95	24.77
		270	0	20.58	24.30	23.19	18.51	23.50	19.54	22.68	26.93	24.75

8.7. ULCA LTE BAND 41 (FCC)

Test Engineer ID:	39004	Test Date:	2025-03-03
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OUTPUT POWER FOR ULCA LTE BAND 41 (5.0MHz + 20.0MHz)

Bandwidth	PCC	SCC1	PCC	PCC	SCC1	SCC1	Conducted Average (dBm)															
	Frequency	Frequency	RB	RB	RB	RB	ANT 3				ANT 4				ANT 2				ANT 1			
	(MHz)	(MHz)	Size	Offset	Size	Offset	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	22.65	22.55	22.45	22.50	22.96	22.90	22.97	23.00	23.66	23.57	23.62	23.54	21.47	21.44	21.35	21.36
			25	0	100	0	22.66	22.64	22.67	22.60	22.97	22.90	22.92	22.91	23.70	23.58	23.50	23.67	21.48	21.50	21.38	21.40
	2583.8	2595.5	1	24	1	0	28.66	27.13	26.46	23.55	28.66	27.10	26.59	23.57	28.66	27.12	26.59	23.58	28.69	27.12	26.58	23.69
			25	0	100	0	26.66	25.50	25.63	23.67	26.70	25.59	25.50	23.50	26.70	25.62	25.70	23.58	26.65	25.68	25.45	23.42
	2668.3	2680.0	1	24	1	0	27.70	26.02	25.55	22.65	27.96	26.43	25.91	22.95	27.65	26.03	25.70	22.44	26.49	24.85	24.26	21.48
			25	0	100	0	25.67	24.63	24.51	22.48	26.00	24.84	24.82	22.79	25.70	24.53	24.55	22.48	24.50	23.32	23.31	21.33

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

Bandwidth	PCC Frequency (MHz)	SCC1 Frequency (MHz)	PCC RB		PCC RB		SCC1 RB		SCC1 RB		Conducted Average (dBm)															
			Size	Offset	Size	Offset	Size	Offset	ANT 3				ANT 4				ANT 2				ANT 1					
									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	26.02	26.01	22.57	26.98	26.50	26.38	22.70	27.65	27.13	27.04	23.50	25.46	24.96	24.85	21.23				
			100	0	25	0	22.68	22.66	22.54	22.43	22.99	22.82	22.94	22.79	23.68	23.53	23.58	23.64	21.45	21.31	21.29	21.34				
	2590.5	2602.2	1	99	1	0	28.70	27.08	26.63	23.57	28.65	27.18	26.45	23.65	28.70	27.15	26.61	23.56	28.67	27.06	26.50	23.55				
			100	0	25	0	26.66	25.59	25.52	23.47	26.65	25.69	25.57	23.54	26.70	25.57	25.51	23.62	26.66	25.59	25.61	23.43				
	2675.0	2686.7	1	99	1	0	27.69	26.09	25.57	22.44	27.99	26.31	25.99	22.94	27.70	26.08	25.59	22.42	26.47	24.84	24.33	21.24				
			100	0	25	0	25.67	24.70	24.62	22.62	25.97	24.82	24.91	22.75	25.66	24.60	24.64	22.45	24.47	23.48	23.36	21.41				

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

Bandwidth	PCC Frequency (MHz)	SCC1 Frequency (MHz)	PCC RB		PCC RB		SCC1 RB		SCC1 RB		Conducted Average (dBm)															
			Size	Offset	Size	Offset	Size	Offset	ANT 3				ANT 4				ANT 2				ANT 1					
									QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM
10MHz / 20MHz	2501.5	2515.9	1	49	1	0	22.70	22.52	22.69	22.62	23.00	23.00	22.90	22.75	23.70	23.63	23.70	23.56	21.45	21.45	21.50	21.31				
			50	0	100	0	22.65	22.65	22.68	22.67	22.96	22.97	22.80	23.00	23.70	23.65	23.67	23.43	21.48	21.42	21.44	21.21				
	2583.6	2598.0	1	49	1	0	28.67	27.12	26.57	23.60	28.69	27.16	26.57	23.53	28.66	27.06	26.61	23.53	28.70	27.06	26.45	23.44				
			50	0	100	0	26.69	25.50	25.55	23.40	26.65	25.66	25.61	23.54	26.67	25.55	25.62	23.44	26.67	25.69	25.62	23.49				
	2665.6	2680.0	1	49	1	0	27.68	26.12	25.70	22.55	27.98	26.39	25.76	22.88	27.65	26.13	25.63	22.55	26.50	24.80	24.26	21.47				
			50	0	100	0	25.66	24.67	24.64	22.45	25.95	24.89	24.81	22.84	25.68	24.60	24.61	22.46	24.49	23.31	23.45	21.32				

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

Bandwidth	PCC Frequency (MHz)	SCC1 Frequency (MHz)	PCC RB Size	PCC RB Offset	SCC1 RB Size	SCC1 RB Offset	Conducted Average (dBm)															
							ANT 3				ANT 4				ANT 2				ANT 1			
							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	26.69	26.11	26.02	22.43	26.95	26.47	26.29	22.74	27.69	27.02	26.96	23.49	25.49	24.81	24.79	21.41
			100	0	50	0	22.69	22.54	22.69	22.60	23.00	22.99	22.85	22.74	23.69	23.68	23.51	23.45	21.50	21.43	21.50	21.49
	2588.1	2602.5	1	99	1	0	28.70	27.08	26.67	23.40	28.70	27.14	26.47	23.45	28.70	27.17	26.48	23.70	28.69	27.16	26.63	23.40
			100	0	50	0	26.65	25.53	25.53	23.59	26.68	25.63	25.51	23.55	26.65	25.67	25.58	23.59	26.65	25.63	25.56	23.47
	2670.1	2684.5	1	99	1	0	27.65	26.04	25.53	22.61	27.98	26.48	25.94	22.74	27.66	26.13	25.59	22.66	26.46	24.83	24.29	21.30
			100	0	50	0	25.65	24.64	24.55	22.62	25.97	24.96	24.82	22.70	25.69	24.58	24.56	22.55	24.49	23.40	23.50	21.45

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

Bandwidth	PCC Frequency (MHz)	SCC1 Frequency (MHz)	PCC RB	PCC RB Offset	SCC1 RB	SCC1 RB Offset	Conducted Average (dBm)															
							ANT 3				ANT 4				ANT 2				ANT 1			
							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	27.65	26.13	25.64	22.68	27.99	26.45	26.00	22.98	28.67	27.03	26.63	23.43	26.47	24.95	24.30	21.22
			75	0	75	0	22.70	22.53	22.69	22.66	22.97	22.89	22.79	22.88	23.69	23.54	23.63	23.57	21.50	21.43	21.33	21.44
	2585.5	2600.5	1	74	1	0	28.70	27.14	26.51	23.50	28.69	27.18	26.51	23.60	28.66	27.03	26.64	23.62	28.70	27.09	26.64	23.53
			75	0	75	0	26.67	25.57	25.51	23.55	26.67	25.60	25.48	23.66	26.67	25.68	25.51	23.49	26.67	25.55	25.65	23.55
	2667.5	2682.5	1	74	1	0	27.65	26.16	25.68	22.42	27.97	26.45	25.80	22.96	27.66	26.07	25.48	22.62	26.49	24.91	24.33	21.43
			75	0	75	0	25.70	24.58	24.50	22.65	26.00	24.95	24.81	22.91	25.70	24.61	24.61	22.55	24.48	23.48	23.28	21.37

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

Bandwidth	PCC Frequency (MHz)	SCC1 Frequency (MHz)	PCC		PCC		SCC1		SCC1 Offset	Conducted Average (dBm)																	
			RB	Size	RB	Offset	RB	Size		RB	Offset	ANT 3				ANT 4				ANT 2				ANT 1			
			Size	Offset	Size	Offset	Size	Offset		Size	Offset	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	27.66	26.15	25.60	22.65	27.97	26.43	25.81	22.85	28.68	27.10	26.63	23.68	26.50	24.91	24.44	21.35					
			75	0	100	0	22.69	22.56	22.55	22.62	22.99	22.99	22.99	22.83	22.76	23.69	23.66	23.67	24.48	21.48	21.26	21.20					
	2583.3	2600.4	1	74	1	0	28.67	27.20	26.60	23.47	28.68	27.04	26.59	23.56	28.66	27.14	26.55	23.59	28.65	27.01	26.50	23.42					
			75	0	100	0	26.66	25.65	25.69	23.42	26.66	25.61	25.64	23.54	26.67	25.67	25.46	23.62	26.66	25.70	25.66	23.41					
	2662.9	2680.0	1	74	1	0	27.70	26.17	25.67	22.62	27.95	26.50	25.83	22.93	27.68	26.08	25.66	22.60	26.45	24.95	24.38	21.48					
			75	0	100	0	25.69	24.51	24.59	22.57	25.99	24.98	24.93	22.94	25.66	24.53	24.54	22.61	24.48	23.43	23.25	21.25					

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

Bandwidth	PCC	SCC1	PCC	PCC	SCC1	SCC1	Conducted Average (dBm)															
	Frequency	Frequency	RB	Offset	RB	Offset	ANT 3				ANT 4				ANT 2				ANT 1			
	(MHz)	(MHz)	Size	Size	Size	Size	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	27.66	26.06	25.61	22.44	27.98	26.39	25.88	22.94	28.69	27.01	26.50	23.70	26.48	24.83	24.43	21.22
			100	0	75	0	22.66	22.51	22.70	22.68	22.95	22.80	22.92	22.94	23.65	23.52	23.70	23.57	21.45	21.47	21.30	21.38
			1	99	1	0	28.69	27.09	26.59	23.65	28.69	27.12	26.45	23.65	28.66	27.00	26.47	23.57	28.70	27.12	26.64	23.63
	2585.6	2602.7	100	0	75	0	26.65	25.61	25.59	23.60	26.65	25.56	25.61	23.70	26.65	25.54	25.53	23.63	26.70	25.69	25.66	23.59
			1	99	1	0	27.69	26.08	25.60	22.62	27.96	26.40	26.00	22.84	27.67	26.04	25.69	22.68	26.46	24.91	24.37	21.35
			100	0	75	0	25.66	24.58	24.47	22.59	25.96	25.00	24.98	22.94	25.68	24.59	24.56	22.66	24.46	23.33	23.40	21.48

OUTPUT POWER FOR ULCA LTE BAND 41 (20.0MHz + 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 3				ANT 4				ANT 2				ANT 1				
							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	26.07	25.70	22.42	27.99	26.31	25.82	22.70	28.67	27.02	26.67	23.51	26.49	24.99	24.36	21.24	
			1	0	1	99	14.65	14.62	14.50	14.45	14.96	14.99	14.98	14.88	15.70	15.50	15.49	15.49	13.50	13.35	13.25	13.38	
			100	0	100	0	22.66	22.65	22.59	22.53	22.97	22.98	22.88	22.75	23.68	23.57	23.59	23.64	21.47	21.41	21.40	21.27	
		2583.1	2602.9	1	99	1	0	28.66	27.20	26.58	23.43	28.67	27.03	26.67	23.63	28.65	27.19	26.70	23.52	28.65	27.11	26.53	23.51
				1	0	1	99	20.15	20.02	20.06	20.16	20.15	20.07	20.04	19.94	20.18	20.16	20.05	20.09	20.20	20.10	20.04	19.95
				100	0	100	0	26.67	25.56	25.58	23.60	26.66	25.69	25.46	23.61	26.65	25.69	25.63	23.40	26.68	25.50	25.60	23.51
	2660.2	2680.0	1	99	1	0	27.67	26.18	25.56	22.53	27.98	26.38	25.93	22.72	27.65	26.08	25.63	22.70	26.45	24.93	24.47	21.49	
			1	0	1	99	19.15	19.09	19.14	19.17	19.50	19.45	19.38	19.21	19.19	19.14	19.13	19.12	17.95	17.90	17.80	17.80	
			100	0	100	0	25.66	24.56	24.51	22.49	25.99	24.82	24.96	22.83	25.67	24.69	24.59	22.61	24.46	23.43	23.32	21.40	

8.8. LTE BAND 41 (IC)

Test Engineer ID: 39004 Test Date: 2025-01-24

OUTPUT POWER FOR LTE BAND 41 (5.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				39715	40640	41565	39715	40640	41565	39715	40640	41565	39715	40640	41565
5.0	QPSK	1	0	27.51	28.68	24.17	27.95	28.70	24.47	28.59	28.66	24.17	26.28	28.70	22.97
		1	12	27.69	28.58	27.70	27.99	28.54	28.00	28.69	28.43	27.70	26.45	28.46	26.50
		1	24	27.70	28.31	27.67	28.00	28.24	27.97	28.64	28.18	27.67	26.50	28.23	26.47
		12	0	26.39	27.63	23.53	26.77	27.65	23.83	27.60	27.60	23.53	25.20	27.70	22.33
		12	6	26.49	27.61	23.45	26.81	27.55	23.75	27.47	27.70	23.45	25.28	27.63	22.25
		12	11	26.49	27.54	26.53	26.69	27.46	26.83	27.40	27.57	26.53	25.31	27.57	25.33
		25	0	26.44	27.59	23.53	26.67	27.52	23.83	27.37	27.68	23.53	25.24	27.60	22.33
	16QAM	1	0	26.49	27.70	23.64	26.85	27.70	23.94	27.45	27.69	23.64	25.30	27.69	22.44
		1	12	26.63	27.59	26.70	26.97	27.64	27.00	27.65	27.53	26.70	25.42	27.57	25.50
		1	24	26.70	27.48	26.62	27.00	27.33	26.92	27.58	27.19	26.62	25.50	27.35	25.42
		12	0	25.42	26.68	22.56	25.79	27.01	22.86	26.45	26.94	22.56	24.23	26.75	21.36
		12	6	25.47	26.92	22.58	25.87	26.94	22.88	26.55	26.87	22.58	24.33	26.87	21.38
		12	11	25.53	26.95	25.59	25.70	26.84	25.89	26.38	26.80	25.59	24.34	26.90	24.39
		25	0	25.43	26.80	22.52	25.71	26.90	22.82	26.35	26.80	22.52	24.26	26.80	21.32
	64QAM	1	0	25.54	27.03	22.79	25.96	27.34	23.09	26.62	27.27	22.79	24.44	27.07	21.59
		1	12	25.73	27.04	25.86	26.11	27.19	26.16	26.76	27.04	25.86	24.55	27.10	24.66
		1	24	25.76	27.01	25.79	26.05	26.83	26.09	26.73	26.76	25.79	24.60	26.94	24.59
		12	0	24.42	25.73	21.54	24.81	26.05	21.84	25.39	25.98	21.54	23.24	25.72	20.34
		12	6	24.45	25.96	21.67	24.88	25.97	21.97	25.51	25.78	21.67	23.33	25.88	20.47
		12	11	24.50	25.91	24.61	24.78	25.89	24.91	25.39	25.79	24.61	23.38	25.92	23.41
		25	0	24.46	25.85	21.54	24.67	25.91	21.84	25.35	25.82	21.54	23.27	25.85	20.34
	256QAM	1	0	22.56	23.97	19.71	22.86	24.27	20.01	23.49	24.18	19.71	21.35	23.99	18.51
		1	12	22.70	24.03	22.80	23.03	24.10	23.10	23.70	24.05	22.80	21.48	24.01	21.60
		1	24	22.67	23.88	22.61	22.88	23.76	22.91	23.54	23.65	22.61	21.48	23.82	21.41
		12	0	22.39	23.65	19.59	22.77	24.01	19.89	23.46	23.92	19.59	21.23	23.69	18.39
		12	6	22.48	23.87	19.73	22.82	23.92	20.03	23.50	23.83	19.73	21.30	23.76	18.53
		12	11	22.48	23.90	22.57	22.74	23.80	22.87	23.40	23.72	22.57	21.32	23.87	21.37
		25	0	22.42	23.74	19.51	22.69	23.82	19.81	23.35	23.70	19.51	21.23	23.74	18.31

OUTPUT POWER FOR LTE BAND 41 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				39740	40640	41540	39740	40640	41540	39740	40640	41540	39740	40640	41540
10.0	QPSK	1	0	27.17	28.70	23.25	27.96	28.70	23.55	28.53	28.70	23.25	25.93	28.64	22.05
		1	24	27.33	28.35	27.63	28.00	28.30	27.93	28.70	28.30	27.63	26.15	28.40	26.43
		1	49	27.70	28.10	27.70	27.89	27.92	28.00	28.63	27.87	27.70	26.50	28.16	26.50
		25	0	26.19	27.55	23.76	26.85	27.60	24.06	27.60	27.62	23.76	24.97	27.61	22.56
		25	12	26.28	27.50	26.64	26.85	27.42	26.94	27.54	27.42	26.64	25.04	27.54	25.44
		25	24	26.39	27.42	25.61	26.77	27.22	25.91	27.51	27.25	25.61	25.17	27.41	24.41
		50	0	26.23	27.52	23.60	26.77	27.41	23.90	27.51	27.41	23.60	25.04	27.54	22.40
	16QAM	1	0	26.15	27.70	21.63	26.90	27.70	21.93	27.64	27.70	21.63	24.97	27.70	20.43
		1	24	26.39	27.60	26.70	27.00	27.37	27.00	27.70	27.38	26.70	25.19	27.38	25.50
		1	49	26.70	27.36	26.58	26.91	27.03	26.88	27.57	27.00	26.58	25.50	27.11	25.38
		25	0	25.22	26.66	22.69	25.87	27.01	22.99	26.62	27.02	22.69	24.01	26.58	21.49
		25	12	25.27	26.97	25.65	25.84	26.80	25.95	26.56	26.84	25.65	24.07	26.74	24.45
		25	24	25.41	26.96	24.63	25.80	26.64	24.93	26.53	26.66	24.63	24.18	26.75	23.43
		50	0	25.24	26.85	22.63	25.80	26.79	22.93	26.49	26.81	22.63	24.06	26.81	21.43
	64QAM	1	0	25.29	27.19	20.74	26.01	27.36	21.04	26.75	27.47	20.74	24.11	27.03	19.54
		1	24	25.56	27.07	25.85	26.13	26.98	26.15	26.85	27.01	25.85	24.29	26.96	24.65
		1	49	25.84	27.04	25.75	26.05	26.58	26.05	26.72	26.62	25.75	24.63	26.79	24.55
		25	0	24.23	25.68	21.64	24.88	26.01	21.94	25.60	26.04	21.64	23.01	25.60	20.44
		25	12	24.30	25.90	24.69	24.85	25.83	24.99	25.59	25.84	24.69	23.05	25.80	23.49
		25	24	24.39	26.00	23.65	24.78	25.64	23.95	25.53	25.68	23.65	23.21	25.77	22.45
		50	0	24.29	25.96	21.70	24.80	25.79	22.00	25.46	25.85	21.70	23.07	25.88	20.50
	256QAM	1	0	22.21	24.13	17.69	22.86	24.31	17.99	23.57	24.35	17.69	21.04	24.03	16.49
		1	24	22.46	24.04	22.75	23.03	23.81	23.05	23.83	23.92	22.75	21.26	23.94	21.55
		1	49	22.66	23.84	22.64	22.87	23.42	22.94	23.61	23.52	22.64	21.43	23.62	21.44
		25	0	22.19	23.71	19.67	22.85	23.96	19.97	23.58	24.01	19.67	20.97	23.53	18.47
		25	12	22.27	23.85	22.70	22.83	23.78	23.00	23.56	23.84	22.70	21.05	23.67	21.50
		25	24	22.40	23.92	21.65	22.84	23.60	21.95	23.52	23.65	21.65	21.19	23.74	20.45
		50	0	22.22	23.83	19.62	22.76	23.70	19.92	23.48	23.77	19.62	20.98	23.71	18.42

OUTPUT POWER FOR LTE BAND 41 (15.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				39765	40640	41515	39765	40640	41515	39765	40640	41515	39765	40640	41515
15.0	QPSK	1	0	22.26	28.70	23.09	22.93	28.70	27.74	23.76	28.70	27.44	21.21	28.70	26.24
		1	37	27.20	28.20	27.70	28.00	28.08	28.00	28.70	28.12	27.70	26.05	28.22	26.50
		1	74	27.70	27.96	27.53	27.97	27.50	27.62	28.53	27.53	27.32	26.50	27.93	26.12
		36	0	21.84	27.30	22.60	22.92	27.41	26.78	23.69	27.45	26.48	20.62	27.43	25.28
		36	16	26.10	27.29	26.60	26.94	27.12	26.84	27.66	27.16	26.54	24.87	27.34	25.34
		36	35	23.28	27.12	23.56	23.80	26.82	26.79	24.48	26.88	26.49	22.07	27.12	25.29
		75	0	21.97	27.26	22.56	22.79	27.06	26.73	23.54	27.10	26.43	20.78	27.30	25.23
	16QAM	1	0	20.69	27.70	21.60	21.96	27.70	26.63	22.69	27.70	26.33	19.54	27.70	25.13
		1	37	26.19	27.26	26.70	27.00	27.25	27.00	27.70	27.13	26.70	25.03	27.30	25.50
		1	74	26.70	26.98	26.62	26.91	26.79	26.71	27.56	26.57	26.41	25.50	27.03	25.21
		36	0	20.88	26.38	21.66	21.95	26.87	25.79	22.71	26.90	25.49	19.66	26.51	24.29
		36	16	25.10	26.62	25.66	25.96	26.56	25.88	26.70	26.57	25.58	23.90	26.69	24.38
		36	35	22.31	26.58	22.60	22.81	26.29	25.81	23.50	26.26	25.51	21.09	26.60	24.31
		75	0	21.01	26.73	21.58	21.83	26.52	25.76	22.53	26.53	25.46	19.81	26.78	24.26
	64QAM	1	0	19.91	27.14	20.81	21.11	27.44	25.82	21.93	27.45	25.52	18.77	27.36	24.32
		1	37	25.35	26.75	25.85	26.12	26.70	26.14	26.90	26.71	25.84	24.17	26.93	24.64
		1	74	25.83	26.62	25.78	26.07	26.38	25.91	26.72	26.16	25.61	24.68	26.66	24.41
		36	0	19.77	25.34	20.65	20.91	25.87	24.82	21.67	25.89	24.52	18.61	25.57	23.32
		36	16	24.11	25.64	24.67	24.98	25.57	24.88	25.70	25.58	24.58	22.90	25.78	23.38
		36	35	21.29	25.58	21.64	21.83	25.31	24.84	22.50	25.35	24.54	20.10	25.63	23.34
		75	0	20.03	25.73	20.60	20.85	25.53	24.78	21.59	25.58	24.48	18.84	25.79	23.28
	256QAM	1	0	16.80	24.18	17.70	17.86	24.26	22.70	18.72	24.36	22.40	15.61	24.34	21.20
		1	37	22.23	23.67	22.79	23.06	23.63	23.03	23.84	23.65	22.73	21.04	23.88	21.53
		1	74	22.65	23.45	22.68	22.93	23.13	22.57	23.55	23.05	22.27	21.49	23.57	21.07
		36	0	17.78	23.36	18.60	18.88	23.84	22.85	19.67	23.89	22.55	16.60	23.51	21.35
		36	16	22.08	23.54	22.66	22.96	23.55	22.89	23.71	23.58	22.59	20.90	23.66	21.39
		36	35	19.21	23.55	19.61	19.73	23.28	22.84	20.43	23.30	22.54	18.04	23.57	21.34
		75	0	18.06	23.66	18.60	18.87	23.48	22.73	19.63	23.49	22.43	16.87	23.72	21.23

OUTPUT POWER FOR LTE BAND 41 (20.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				39790	40640	41490	39790	40640	41490	39790	40640	41490	39790	40640	41490
20.0	QPSK	1	0	22.02	28.70	23.20	23.05	28.70	27.40	23.74	28.70	27.10	20.84	28.70	25.90
		1	49	27.10	28.08	27.70	28.00	27.87	28.00	28.68	27.84	27.70	25.87	28.01	26.50
		1	99	27.70	27.85	27.67	27.99	27.29	27.65	28.70	27.31	27.35	26.50	27.73	26.15
		50	0	21.72	27.30	22.71	22.83	27.35	26.71	23.68	27.28	26.41	20.55	27.40	25.21
		50	24	26.09	27.15	26.70	26.74	26.95	26.94	27.59	26.84	26.64	24.97	27.13	25.44
		50	49	23.38	26.86	23.65	23.63	26.61	26.92	24.50	26.51	26.62	22.26	26.82	25.42
		100	0	21.96	27.19	22.65	22.66	26.98	26.81	23.49	26.89	26.51	20.83	27.17	25.31
	16QAM	1	0	20.48	27.70	21.71	22.03	27.70	26.37	22.67	27.70	26.07	19.36	27.70	24.87
		1	49	26.19	27.09	26.69	27.00	26.68	27.00	27.57	26.92	26.70	24.97	27.01	25.50
		1	99	26.70	26.76	26.65	26.75	26.41	26.73	27.70	26.24	26.43	25.50	26.82	25.23
		50	0	20.75	26.34	21.70	21.87	26.57	25.71	22.63	26.72	25.41	19.61	26.39	24.21
		50	24	25.10	26.59	25.71	25.73	26.15	25.98	26.58	26.28	25.68	23.96	26.61	24.48
		50	49	22.36	26.35	22.66	22.63	25.81	25.92	23.52	25.94	25.62	21.20	26.27	24.42
		100	0	21.01	26.65	21.65	21.68	26.18	25.79	22.53	26.30	25.49	19.84	26.62	24.29
	64QAM	1	0	19.71	27.34	20.84	21.10	27.20	25.55	22.00	27.44	25.25	18.55	27.45	24.05
		1	49	25.23	26.64	25.85	25.97	26.28	26.19	26.76	26.42	25.89	24.20	26.67	24.69
		1	99	25.83	26.40	25.79	26.10	25.73	25.83	26.86	25.83	25.53	24.73	26.38	24.33
		50	0	19.65	25.35	20.71	20.81	25.53	24.71	21.63	25.75	24.41	18.56	25.42	23.21
		50	24	24.08	25.52	24.72	24.73	25.16	24.94	25.61	25.31	24.64	22.96	25.58	23.44
		50	49	21.37	25.29	21.65	21.67	24.79	24.92	22.53	24.94	24.62	20.22	25.29	23.42
		100	0	19.99	25.64	20.65	20.68	25.18	24.80	21.54	25.31	24.50	18.86	25.63	23.30
	256QAM	1	0	16.53	24.27	17.73	17.97	24.00	22.47	18.80	24.23	22.17	15.37	24.31	20.97
		1	49	22.12	23.54	22.84	22.97	23.30	23.15	23.80	23.34	22.85	21.08	23.66	21.65
		1	99	22.72	23.40	22.66	22.82	22.58	22.78	23.76	22.81	22.48	21.53	23.32	21.28
		50	0	17.67	23.32	18.66	18.77	23.55	22.69	19.67	23.73	22.39	16.52	23.41	21.19
		50	24	22.09	23.43	22.71	22.77	23.12	22.95	23.61	23.26	22.65	20.94	23.59	21.45
		50	49	19.31	23.29	19.66	19.59	22.77	22.92	20.50	22.91	22.62	18.13	23.26	21.42
		100	0	18.02	23.57	18.64	18.64	23.11	22.73	19.55	23.26	22.43	16.85	23.56	21.23

8.9. 5G NR n41 (IC)

Test Engineer ID:	32894	Test Date:	2024-12-11
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OUTPUT POWER FOR 5G NR n41 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				501000	519000	537000	501000	519000	537000	501000	519000	537000	501000	519000	537000
10.0	BPSK	1	0	25.18	25.10	24.11	23.99	25.05	24.29	23.78	24.98	24.03	20.73	24.97	22.84
		1	1	26.52	28.68	27.60	27.66	28.63	27.70	27.47	28.60	27.67	24.40	28.22	26.50
		1	22	27.70	28.70	27.70	28.00	28.68	27.53	28.70	28.56	27.61	26.50	28.17	26.39
		1	23	24.16	25.06	24.02	24.33	25.06	24.44	24.87	24.92	24.02	22.87	24.99	22.79
		12	6	26.41	28.60	27.62	27.59	28.70	28.00	27.67	28.70	27.70	24.40	28.70	26.45
		24	0	26.26	28.08	26.97	26.98	28.00	27.38	26.99	27.88	27.01	23.69	28.00	25.79
		1	0	24.74	25.12	24.04	27.59	25.06	24.31	23.89	24.99	24.09	20.71	25.05	22.77
		1	1	25.73	28.60	27.63	27.60	28.29	26.81	27.13	28.39	27.60	24.35	27.30	26.40
	QPSK	1	22	27.63	28.67	27.64	27.79	28.20	26.62	27.99	28.59	27.70	26.48	27.32	26.47
		1	23	24.13	25.12	24.16	24.35	25.11	24.42	24.81	24.96	24.11	22.95	25.07	22.85
		12	6	26.42	28.63	27.68	27.60	28.53	27.10	27.60	28.67	27.69	24.44	28.29	26.48
		24	0	25.73	27.61	26.53	26.56	27.47	26.08	26.49	27.44	26.56	23.31	27.19	25.36
		1	0	23.83	24.98	23.92	23.86	25.04	24.27	23.77	24.92	24.11	20.62	24.91	22.73
		1	1	24.78	27.48	26.43	26.57	27.26	25.82	26.12	27.39	26.38	23.28	26.43	25.27
		1	22	26.58	27.56	26.54	26.68	27.28	25.68	27.02	27.48	26.47	25.38	26.64	25.31
		1	23	23.99	25.06	24.01	24.23	24.99	24.44	24.79	24.82	23.95	22.91	25.08	22.71
	16QAM	12	6	25.62	27.53	26.50	26.48	27.48	26.22	26.39	27.41	26.48	23.16	27.51	25.21
		24	0	24.64	26.56	25.53	25.46	26.51	25.26	25.36	26.34	25.53	22.16	26.45	24.22
		1	0	23.47	25.03	23.97	24.02	24.95	24.15	23.67	24.87	23.89	20.53	24.91	22.83
		1	1	23.41	26.05	25.02	25.09	25.96	24.41	24.63	25.89	24.87	21.68	25.12	23.73
		1	22	25.10	26.11	24.99	25.23	25.88	24.32	25.85	26.01	24.84	24.01	25.21	23.94
		1	23	23.99	25.08	24.08	24.14	25.04	24.29	24.65	24.78	23.95	22.87	25.08	22.73
		12	6	24.16	25.99	25.02	25.01	26.07	24.91	24.88	25.94	25.02	21.67	26.01	23.81
		24	0	24.19	26.02	25.01	25.04	26.05	24.84	24.97	25.93	25.00	21.72	26.03	23.80
	64QAM	1	0	21.79	24.08	22.89	22.94	23.99	23.03	22.73	23.88	22.94	19.57	23.53	21.74
		1	1	21.96	24.09	22.98	23.01	24.15	23.05	22.80	23.90	23.09	19.61	23.63	21.74
		1	22	23.05	24.11	23.17	23.28	24.05	22.80	23.66	23.98	23.08	21.88	23.84	21.77
		1	23	22.86	24.13	22.76	23.15	24.11	22.83	23.72	23.77	22.98	21.81	23.92	21.73
		12	6	22.74	24.09	22.96	22.98	24.00	23.26	22.96	23.79	22.94	19.59	23.98	21.66
		24	0	22.87	24.05	23.01	22.97	24.03	23.31	22.91	23.82	23.00	19.60	23.99	21.70
	256QAM	1	0	21.96	24.09	22.98	23.01	24.15	23.05	22.80	23.90	23.09	19.61	23.63	21.74
		1	1	21.96	24.09	22.98	23.01	24.15	23.05	22.80	23.90	23.09	19.61	23.63	21.74
		1	22	23.05	24.11	23.17	23.28	24.05	22.80	23.66	23.98	23.08	21.88	23.84	21.77
		1	23	22.86	24.13	22.76	23.15	24.11	22.83	23.72	23.77	22.98	21.81	23.92	21.73
		12	6	22.74	24.09	22.96	22.98	24.00	23.26	22.96	23.79	22.94	19.59	23.98	21.66
		24	0	22.87	24.05	23.01	22.97	24.03	23.31	22.91	23.82	23.00	19.60	23.99	21.70

OUTPUT POWER FOR 5G NR n41 (15.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				501504	519000	536496	501504	519000	536496	501504	519000	536496	501504	519000	536496
15.0	BPSK	1	0	24.90	25.08	23.99	24.14	24.88	24.22	23.93	25.01	24.04	20.81	25.12	22.65
		1	1	26.41	28.54	27.56	27.66	28.47	27.88	27.66	28.62	27.70	24.37	28.41	26.33
		1	36	27.70	28.60	27.60	28.00	28.59	27.61	28.70	28.62	27.66	26.50	28.26	26.37
		1	37	23.97	25.02	24.04	24.29	24.98	24.31	25.16	24.93	24.07	22.90	24.99	22.72
		18	9	26.33	28.70	27.70	27.78	28.70	28.00	27.84	28.70	27.66	24.60	28.70	26.50
		36	0	26.11	28.00	26.95	27.11	27.94	27.34	27.10	27.88	27.06	23.84	28.04	25.80
		1	0	24.48	25.04	23.96	24.21	24.91	24.27	23.86	24.97	23.98	20.70	25.02	22.72
		1	1	25.64	28.54	27.54	27.69	28.13	26.95	27.18	28.54	27.62	24.52	27.30	26.42
	QPSK	1	36	27.66	28.62	27.68	27.93	28.10	26.69	27.58	28.60	27.66	26.50	27.31	26.36
		1	37	23.98	25.07	23.97	24.27	24.81	24.40	25.06	24.91	23.91	23.02	24.96	22.75
		18	9	26.17	28.69	27.68	27.67	28.24	27.12	27.91	28.61	27.67	24.53	28.25	26.47
		36	0	25.57	27.58	26.58	26.75	27.28	26.08	26.70	27.49	26.64	23.33	27.26	25.36
		1	0	23.78	25.15	23.98	24.07	24.90	24.28	23.89	24.84	24.05	20.70	24.84	22.65
		1	1	24.79	27.55	26.54	26.65	27.30	26.11	26.27	27.39	26.63	23.15	26.43	25.19
		1	36	26.43	27.52	26.52	26.77	27.26	25.67	27.16	27.49	26.56	25.60	26.64	25.36
		1	37	23.92	25.00	24.07	24.36	25.01	24.22	25.06	24.96	24.03	23.06	25.05	22.73
	16QAM	18	9	25.41	27.52	26.51	26.69	27.39	26.23	26.55	27.42	26.48	23.20	27.48	25.19
		36	0	24.60	26.51	25.51	25.64	26.36	25.24	25.57	26.51	25.49	22.24	26.42	24.19
		1	0	23.35	24.94	24.05	24.09	24.93	24.22	23.79	25.03	24.03	20.71	24.96	22.76
		1	1	23.45	25.98	25.07	25.11	25.81	24.65	24.72	26.07	24.93	21.66	25.13	23.82
		1	36	24.97	26.08	25.16	25.34	25.88	24.44	25.43	25.88	25.10	23.99	25.38	23.78
		1	37	23.94	25.09	23.96	24.47	25.00	24.30	25.00	25.01	24.13	22.94	24.99	22.80
		18	9	24.07	25.96	25.03	25.04	25.94	24.73	25.01	25.94	25.07	21.76	26.08	23.74
		36	0	24.16	25.98	25.06	25.12	25.93	24.83	25.03	25.88	25.07	21.77	26.02	23.73
	64QAM	1	0	21.90	23.96	23.14	22.95	24.02	23.20	22.80	23.96	23.06	19.71	23.76	21.77
		1	1	21.99	23.90	22.92	23.01	23.91	23.14	22.80	23.98	23.01	19.73	23.66	21.68
		1	36	23.10	23.95	22.94	23.35	24.00	22.73	24.08	23.91	23.07	21.93	23.96	21.61
		1	37	23.02	23.98	23.14	23.37	24.00	22.83	24.21	23.95	23.12	21.82	23.97	21.76
		18	9	22.79	24.04	23.02	23.10	23.93	23.18	23.02	23.92	22.95	19.75	23.95	21.66
		36	0	22.71	23.99	23.07	23.10	23.94	23.29	22.92	23.85	23.00	19.61	23.96	21.69

OUTPUT POWER FOR 5G NR n41 (20.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				502002	519000	535998	502002	519000	535998	502002	519000	535998	502002	519000	535998
20.0	BPSK	1	0	24.84	24.99	23.88	24.29	24.98	24.20	21.85	25.05	23.88	20.49	24.95	22.78
		1	1	26.23	28.70	27.55	28.00	28.56	27.86	25.58	28.70	27.52	24.20	28.28	26.31
		1	49	27.70	28.63	27.52	27.96	28.60	27.62	28.70	28.60	27.54	26.50	28.61	26.33
		1	50	24.03	25.03	23.93	24.39	24.99	24.25	25.54	24.98	23.91	22.80	24.91	22.80
		25	12	26.28	28.62	27.70	27.77	28.70	28.00	25.83	28.68	27.70	24.38	28.70	26.50
		50	0	26.30	28.14	27.00	27.36	28.17	27.44	25.26	28.14	27.01	23.93	28.05	25.80
	QPSK	1	0	24.47	25.00	23.86	24.23	25.00	24.21	21.86	25.09	23.90	20.50	25.01	22.74
		1	1	25.60	28.58	27.57	27.84	28.17	27.01	25.15	28.57	27.57	24.22	27.26	26.44
		1	49	27.61	28.68	27.59	27.89	28.20	26.71	27.81	28.66	27.58	26.44	27.97	26.38
		1	50	24.05	24.93	24.00	24.33	24.99	24.27	25.62	24.96	24.02	22.82	24.86	22.76
		25	12	26.24	28.64	27.59	27.74	28.46	27.09	25.89	28.65	27.68	24.42	28.29	26.42
		50	0	25.61	27.67	26.58	26.75	27.30	26.13	24.72	27.62	26.69	23.44	27.35	25.36
	16QAM	1	0	23.68	25.01	23.92	24.20	24.83	24.13	21.80	25.02	24.08	20.59	25.00	22.80
		1	1	24.60	27.57	26.35	26.68	27.27	26.02	24.17	27.46	26.56	23.05	26.37	25.29
		1	49	26.57	27.59	26.59	26.97	27.28	25.91	26.87	27.47	26.63	25.44	27.04	25.36
		1	50	23.92	25.00	23.94	24.34	25.09	24.37	25.62	24.98	23.87	22.87	24.87	22.74
		25	12	25.42	27.62	26.54	26.75	27.56	26.33	24.64	27.56	26.52	23.18	27.44	25.32
		50	0	24.61	26.59	25.50	25.78	26.54	25.30	23.65	26.80	25.52	22.19	26.51	24.29
	64QAM	1	0	23.33	25.03	23.89	24.14	24.99	24.30	21.70	25.05	23.89	20.43	25.03	22.73
		1	1	23.32	26.21	24.77	25.02	25.88	24.75	22.78	26.10	24.91	21.42	24.97	23.74
		1	49	25.09	25.91	24.99	25.48	25.74	24.53	25.47	26.05	24.97	24.04	25.89	23.77
		1	50	24.14	25.16	23.87	24.48	24.89	24.50	25.57	25.02	24.07	22.90	25.06	22.76
		25	12	24.22	26.08	25.01	25.20	25.99	24.98	23.10	26.09	25.09	21.73	26.00	23.76
		50	0	24.15	26.08	24.99	25.21	26.01	24.89	23.04	25.99	25.02	21.68	25.84	23.81
	256QAM	1	0	21.75	24.09	22.94	23.11	23.89	23.20	20.97	24.11	22.89	19.31	23.49	21.68
		1	1	21.82	23.98	22.86	23.19	23.88	23.18	20.78	24.12	22.93	19.43	23.64	21.74
		1	49	23.01	24.12	22.88	23.51	23.86	22.93	23.94	24.09	23.01	21.83	24.04	21.77
		1	50	23.28	24.10	22.91	23.35	23.86	22.93	24.04	23.75	22.99	21.86	23.93	21.83
		25	12	22.68	24.13	23.04	23.27	24.02	23.27	20.94	23.99	22.95	19.62	24.02	21.70
		50	0	22.71	24.10	23.03	23.21	23.97	23.27	21.05	23.99	22.97	19.61	23.98	21.84

OUTPUT POWER FOR 5G NR n41 (25.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				502500	519000	535500	502500	519000	535500	502500	519000	535500	502500	519000	535500
25.0	BPSK	1	0	26.32	25.06	23.84	24.47	24.86	23.13	24.07	26.07	25.15	22.75	25.56	22.72
		1	1	27.70	28.70	27.56	28.00	28.44	26.89	27.73	27.32	27.26	26.50	28.28	26.36
		1	63	27.40	28.60	27.70	27.32	28.47	27.07	28.70	26.43	27.63	26.18	28.47	26.39
		1	64	23.85	24.96	24.14	23.71	24.79	25.11	25.03	25.86	25.75	22.51	25.83	22.79
		32	16	27.48	28.54	27.55	27.81	28.70	28.00	27.79	28.69	27.70	26.44	28.70	26.50
		64	0	27.57	27.94	26.84	27.46	28.02	27.12	27.17	28.70	27.63	25.88	28.52	25.82
	QPSK	1	0	26.04	24.89	23.84	24.35	25.00	23.18	24.08	25.43	25.20	22.79	25.26	22.71
		1	1	26.96	28.58	27.55	28.00	28.62	26.14	27.20	26.71	27.06	26.50	27.48	26.40
		1	63	27.48	28.60	27.61	27.41	28.55	26.18	28.65	26.24	27.23	26.22	28.39	26.49
		1	64	23.72	25.08	23.99	23.67	24.91	24.93	24.99	25.48	25.76	22.44	26.03	22.76
		32	16	27.46	28.59	27.62	27.93	28.66	27.20	27.79	28.28	26.95	26.43	28.64	26.49
		64	0	27.03	27.55	26.47	26.89	27.60	25.75	26.70	27.62	26.58	25.40	27.79	25.39
	16QAM	1	0	25.23	24.84	23.74	24.34	25.14	23.19	23.83	25.45	25.06	22.75	25.56	22.56
		1	1	26.13	27.62	26.40	26.85	27.67	25.43	26.10	26.58	26.29	25.13	26.52	25.28
		1	63	25.42	27.47	26.42	26.25	27.61	25.42	27.74	25.88	26.19	25.09	27.13	25.40
		1	64	22.54	24.76	23.97	23.60	24.87	24.65	25.14	24.97	25.42	22.55	26.13	22.91
		32	16	26.96	27.44	26.38	26.90	27.41	26.50	26.65	27.34	26.19	25.29	28.27	25.27
		64	0	26.06	26.29	25.32	25.86	26.35	24.94	25.64	26.81	25.69	24.26	27.05	24.23
	64QAM	1	0	24.81	25.04	23.88	24.44	26.57	22.73	24.06	24.83	25.04	22.59	25.24	22.74
		1	1	24.75	25.92	24.89	25.49	27.17	24.13	24.88	24.84	25.06	23.69	25.57	23.63
		1	63	24.92	26.06	25.02	24.80	25.31	24.74	25.95	24.85	25.15	23.44	25.94	23.78
		1	64	23.90	25.06	24.06	23.75	23.65	24.20	24.94	24.26	25.21	22.45	26.12	22.86
		32	16	25.49	25.91	24.91	25.32	25.77	24.63	25.10	25.93	24.90	23.78	26.82	23.77
		64	0	25.60	25.92	24.80	25.35	26.02	24.50	25.08	26.32	25.32	23.77	26.68	23.71
	256QAM	1	0	23.19	23.89	22.88	23.38	25.37	22.26	22.90	23.58	23.91	21.71	23.48	22.70
		1	1	23.28	23.99	22.83	23.34	24.99	21.90	22.79	23.80	23.86	21.62	23.89	21.58
		1	63	22.84	23.91	23.04	22.80	22.78	23.15	24.07	23.51	24.08	21.43	24.62	21.68
		1	64	22.97	23.95	22.95	22.78	23.14	22.91	23.99	23.58	24.38	21.46	24.85	21.66
		32	16	24.12	23.81	22.82	23.32	24.20	23.29	23.13	24.58	23.61	21.77	24.82	21.55
		64	0	24.30	23.95	22.88	23.28	24.46	22.88	23.10	24.97	23.94	21.72	24.71	21.62

OUTPUT POWER FOR 5G NR n41 (30.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				503004	519000	534996	503004	519000	534996	503004	519000	534996	503004	519000	534996
30.0	BPSK	1	0	2515.0	2595.0	2675.0	2515.0	2595.0	2675.0	2515.0	2595.0	2675.0	2515.0	2595.0	2675.0
		1	1	24.84	24.97	23.90	23.98	24.90	24.38	23.98	24.90	23.95	20.00	25.26	22.78
		1	1	26.04	28.64	27.47	27.49	28.63	28.00	27.79	28.70	27.70	23.71	28.44	26.50
		1	76	27.70	28.70	27.57	28.00	28.70	27.70	28.70	28.49	27.58	26.50	28.58	26.40
		1	77	24.03	24.92	23.92	24.31	25.08	24.55	24.91	24.90	23.93	22.81	25.04	22.77
		36	18	25.96	28.59	27.70	27.39	28.56	27.98	27.76	28.56	27.52	23.72	28.70	26.30
		75	0	25.84	28.06	26.97	26.97	28.07	27.50	27.18	28.01	27.10	23.14	28.19	25.85
	QPSK	1	0	24.45	24.90	23.84	23.85	24.99	24.42	23.95	24.99	23.77	20.06	25.24	22.69
		1	1	25.51	28.65	27.52	27.40	28.16	27.18	27.33	28.33	27.61	23.79	27.45	26.45
		1	76	27.61	28.64	27.59	27.95	28.10	26.86	28.40	28.53	27.68	26.40	27.74	26.40
		1	77	24.12	25.01	23.93	24.29	24.96	24.57	24.81	24.90	23.95	22.70	25.03	22.73
		36	18	25.93	28.56	27.52	27.47	28.35	27.21	27.76	28.62	27.60	23.75	28.30	26.34
		75	0	25.48	27.58	26.50	26.48	27.32	26.21	26.74	27.51	26.57	22.72	27.41	25.32
	16QAM	1	0	23.66	24.93	23.88	24.01	24.90	24.34	24.03	24.97	23.78	19.94	25.36	22.74
		1	1	24.61	27.51	26.37	26.44	27.25	26.31	26.32	27.38	26.67	22.50	26.65	25.27
		1	76	26.68	27.54	26.55	26.74	27.23	25.85	27.42	27.44	26.55	25.28	26.98	25.37
		1	77	24.05	24.99	23.93	24.30	25.14	24.42	24.72	24.71	24.09	22.91	25.04	22.62
		36	18	25.28	27.44	26.34	26.37	27.46	26.38	26.56	27.35	26.39	22.59	27.44	25.13
		75	0	24.65	26.48	25.47	25.36	26.35	25.39	25.63	26.32	25.49	21.62	26.53	24.26
	64QAM	1	0	23.15	24.89	23.89	23.96	24.85	24.33	23.97	25.03	23.94	20.00	25.13	22.78
		1	1	23.17	25.95	24.90	24.86	25.70	24.95	24.86	25.94	24.92	21.19	25.08	23.91
		1	76	25.27	25.92	25.04	25.20	25.79	24.48	25.98	25.86	24.98	23.66	25.64	23.82
		1	77	24.13	24.91	23.94	24.25	25.05	24.35	24.82	24.83	24.12	22.68	25.11	22.84
		36	18	24.01	25.92	24.92	24.78	25.84	25.03	25.13	25.86	24.95	21.17	25.93	23.73
		75	0	24.21	25.96	24.92	24.83	25.92	24.96	25.13	25.90	24.97	21.22	26.04	23.75
	256QAM	1	0	21.73	24.05	22.92	22.70	23.84	23.36	22.89	23.98	23.08	19.01	23.60	21.85
		1	1	21.96	24.04	22.98	22.79	23.86	23.34	23.06	24.12	22.95	19.01	23.81	21.82
		1	76	23.12	24.00	23.08	23.31	23.96	23.10	23.93	23.67	22.83	21.82	24.06	21.85
		1	77	23.04	23.96	23.04	23.38	23.92	23.08	24.18	24.12	22.93	21.83	24.03	21.69
		36	18	22.49	23.89	22.79	22.79	23.92	23.33	23.03	23.88	22.94	19.06	23.99	21.69
		75	0	22.69	23.92	22.87	22.84	23.90	23.35	23.09	23.90	22.98	19.11	24.03	21.73

OUTPUT POWER FOR 5G NR n41 (35.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				503502	519000	534498	503502	519000	534498	503502	519000	534498	503502	519000	534498
35.0	BPSK	1	0	2517.5	2595.0	2672.5	2517.5	2595.0	2672.5	2517.5	2595.0	2672.5	2517.5	2595.0	2672.5
		1	1	26.27	24.93	23.73	23.38	24.94	24.43	23.97	24.99	24.65	22.63	26.94	22.79
		1	1	26.93	28.37	27.29	26.74	28.70	28.00	27.49	27.39	27.70	26.18	28.70	26.42
		1	90	27.67	28.49	27.70	28.00	26.91	27.86	28.70	27.30	27.11	26.24	28.66	26.28
		1	91	24.18	25.08	24.01	24.32	23.24	24.49	24.72	24.85	24.25	22.76	26.92	22.76
		45	22	27.70	28.70	27.43	26.87	28.32	27.99	27.90	28.70	26.24	26.50	28.62	26.50
		90	0	27.33	28.03	26.79	26.41	28.00	27.39	27.24	28.33	26.48	25.73	28.57	25.82
	QPSK	1	0	25.17	24.99	23.71	23.30	24.93	24.28	24.00	24.97	24.61	22.55	27.01	22.75
		1	1	26.05	28.55	27.24	26.80	28.59	27.12	26.65	26.42	26.74	26.14	28.67	26.41
		1	90	27.53	28.63	27.62	27.69	27.04	27.07	28.60	26.69	26.73	26.32	28.39	25.63
		1	91	24.06	25.07	24.16	24.26	23.38	24.55	24.92	24.83	24.37	22.62	26.92	22.93
		45	22	27.15	28.58	27.39	26.80	27.68	27.20	27.80	28.00	26.33	26.48	28.65	26.05
		90	0	26.48	27.65	26.41	25.98	26.12	26.04	26.71	27.43	25.43	25.26	27.83	25.35
	16QAM	1	0	24.53	24.87	23.59	23.14	24.91	24.58	23.77	24.70	24.48	22.38	26.71	22.70
		1	1	25.46	27.57	26.24	25.86	27.69	26.30	25.65	26.02	25.92	25.15	27.90	25.30
		1	90	26.18	27.45	26.39	27.05	25.85	26.09	27.21	26.12	25.95	25.51	27.50	24.90
		1	91	23.87	24.91	23.94	24.52	23.42	24.37	24.82	24.78	24.35	22.66	26.78	22.82
		45	22	26.44	27.46	26.36	25.89	26.59	26.38	26.68	27.17	25.66	25.48	28.01	25.40
		90	0	25.69	26.42	25.28	24.89	26.37	25.33	25.68	26.55	24.54	24.48	27.03	24.47
	64QAM	1	0	23.82	25.30	23.65	23.15	25.01	24.15	23.88	24.16	24.19	22.56	26.50	23.12
		1	1	23.89	25.82	24.67	24.26	26.04	25.09	24.40	24.34	24.42	23.84	26.75	23.99
		1	90	25.04	26.09	25.01	25.38	24.53	24.52	26.10	24.67	24.62	23.83	26.23	23.50
		1	91	24.27	24.90	23.65	24.28	23.10	24.45	24.84	25.12	24.31	22.77	26.24	22.94
		45	22	25.15	25.97	24.74	24.31	25.33	24.87	25.11	25.98	24.34	23.99	26.63	23.94
		90	0	25.21	25.93	24.85	24.34	26.06	24.89	25.15	26.16	24.21	24.01	26.52	23.87
	256QAM	1	0	22.53	23.87	22.72	22.18	23.49	23.28	22.76	22.96	22.68	21.63	24.99	21.98
		1	1	22.56	24.02	22.79	22.30	23.53	23.55	22.99	23.32	22.65	21.64	25.14	22.08
		1	90	22.84	23.82	22.99	23.23	23.38	23.33	24.10	23.75	23.29	21.87	24.89	22.22
		1	91	23.12	24.11	22.89	23.61	23.51	23.38	23.51	23.38	23.15	21.51	25.00	21.78
		45	22	23.91	23.98	22.84	22.36	23.58	23.46	23.20	24.52	22.51	21.97	25.09	21.84
		90	0	23.88	24.00	22.85	22.32	23.52	23.49	23.13	24.63	22.80	21.95	25.09	21.85

OUTPUT POWER FOR 5G NR n41 (40.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				504000	519000	534000	504000	519000	534000	504000	519000	534000	504000	519000	534000
40.0	BPSK	1	0	2520.0	2595.0	2670.0	2520.0	2595.0	2670.0	2520.0	2595.0	2670.0	2520.0	2595.0	2670.0
		1	1	24.69	24.90	23.83	23.93	24.85	24.79	23.55	25.03	23.83	20.35	25.07	22.73
		1	1	25.57	28.54	27.55	27.22	28.52	28.00	26.90	28.70	27.38	24.00	28.67	26.38
		1	104	27.70	28.52	27.52	28.00	28.59	27.59	28.70	28.59	27.44	26.50	28.64	26.43
		1	105	24.01	24.94	23.91	24.27	24.89	25.00	25.07	24.77	23.83	22.93	24.88	22.75
		50	25	26.12	28.70	27.70	27.66	28.70	27.93	27.48	28.59	27.70	24.25	28.70	26.50
	QPSK	100	0	26.13	28.12	27.04	27.07	27.98	27.31	26.93	28.04	27.07	23.76	28.14	25.90
		1	0	23.72	24.91	23.83	23.98	24.94	24.79	23.51	24.99	23.84	20.27	25.08	22.82
		1	1	24.71	28.52	27.46	26.79	28.13	27.02	26.24	28.07	27.40	23.88	27.78	26.08
		1	104	27.69	28.56	27.64	27.94	27.95	26.56	28.51	28.58	27.49	26.33	28.39	25.74
		1	105	24.01	24.83	24.01	24.45	24.93	25.03	20.85	24.91	23.82	22.82	24.96	22.73
		50	25	25.72	28.63	27.67	26.86	28.22	26.95	27.53	28.64	27.68	24.28	28.30	25.74
	16QAM	100	0	25.09	27.62	26.62	25.93	27.17	25.98	26.54	27.59	26.56	23.28	27.38	25.01
		1	0	22.92	24.88	23.90	23.93	24.61	24.83	23.55	25.06	23.77	20.20	25.12	22.85
		1	1	23.97	27.68	26.46	25.78	27.02	26.21	25.38	27.26	26.29	22.93	26.86	25.08
		1	104	26.63	27.49	26.50	26.93	26.94	25.63	27.23	27.43	26.62	25.29	27.62	24.93
		1	105	24.11	24.98	23.95	24.39	24.90	24.69	24.81	24.96	23.77	22.88	24.83	22.82
		50	25	25.07	27.50	26.45	25.91	27.39	26.08	26.32	27.38	26.48	23.01	27.33	24.89
	64QAM	100	0	24.33	26.49	25.46	25.12	26.28	25.12	25.32	26.52	25.45	22.00	26.44	23.97
		1	0	22.36	25.17	23.87	23.71	24.92	24.78	23.30	24.88	23.89	20.43	25.34	22.85
		1	1	22.49	26.03	24.83	24.60	25.66	24.76	24.10	25.75	24.77	21.36	25.52	23.71
		1	104	25.23	25.99	25.07	25.33	25.48	24.25	25.59	25.77	24.83	23.97	25.92	23.75
		1	105	24.30	24.90	24.02	24.54	24.94	24.25	25.25	24.87	23.98	22.72	25.12	22.71
		50	25	23.77	26.07	24.98	24.71	25.99	24.71	24.80	25.90	25.04	21.57	25.99	23.41
	256QAM	100	0	23.84	26.04	24.99	24.67	25.88	24.74	24.79	25.97	24.95	21.52	26.00	23.37
		1	0	21.12	23.93	22.80	23.01	23.89	23.29	22.35	23.85	22.80	19.21	23.96	21.51
		1	1	21.10	24.10	22.78	22.69	23.87	23.36	22.28	24.23	22.74	19.25	23.70	21.69
		1	104	23.23	24.13	23.13	23.38	23.92	22.66	23.41	23.77	22.96	21.82	23.88	21.73
		1	105	23.34	23.83	22.83	23.32	23.92	22.86	24.19	23.94	22.87	21.89	24.24	21.82
		50	25	22.48	23.93	22.94	23.02	24.00	23.39	22.74	23.95	22.95	19.51	24.10	21.81
		100	0	22.48	23.97	22.95	23.01	23.96	23.33	22.68	23.95	22.99	19.53	24.10	21.76

OUTPUT POWER FOR 5G NR n41 (45.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				504504	519000	533496	504504	519000	533496	504504	519000	533496	504504	519000	533496
45.0	BPSK	1	0	2522.5	2595.0	2667.5	2522.5	2595.0	2667.5	2522.5	2595.0	2667.5	2522.5	2595.0	2667.5
		1	1	25.96	26.49	25.43	24.37	25.79	24.99	23.62	24.63	25.18	22.84	24.99	24.20
		1	1	26.57	28.62	27.57	27.45	28.68	27.91	26.84	27.16	27.70	26.46	28.65	26.27
		1	117	27.70	28.70	26.91	28.00	28.58	27.67	28.70	27.18	26.75	25.92	28.67	26.50
		1	118	25.47	26.53	25.58	25.09	25.86	25.27	25.09	24.57	24.84	22.42	24.98	24.34
		54	27	27.17	28.49	27.69	27.72	28.65	27.85	27.43	28.70	26.03	26.50	28.49	26.27
	QPSK	108	0	27.05	28.54	27.70	27.19	28.70	28.00	26.82	28.18	26.89	25.93	27.94	26.29
		1	0	24.66	26.66	25.44	24.33	25.94	25.12	23.56	24.93	25.04	22.83	25.06	24.10
		1	1	25.79	28.49	27.66	26.77	28.37	27.57	26.07	25.93	27.50	26.44	28.18	26.32
		1	117	27.59	28.39	26.81	27.96	28.03	27.25	28.49	26.09	26.77	26.04	28.70	26.43
		1	118	25.60	26.41	25.55	25.11	25.97	25.44	24.97	24.57	24.44	22.51	24.94	24.32
		54	27	26.87	28.03	27.48	26.99	28.25	27.22	27.33	28.04	26.06	26.48	28.33	26.34
	16QAM	108	0	26.03	27.43	27.03	26.15	27.65	26.63	26.13	27.03	25.54	25.55	27.50	26.33
		1	0	24.17	26.52	25.58	24.24	26.00	25.05	23.69	24.09	25.41	22.72	25.02	24.23
		1	1	25.13	27.66	27.28	25.80	27.93	27.12	25.16	24.98	26.84	25.13	27.13	26.14
		1	117	27.35	27.15	26.52	27.68	27.77	26.47	27.44	25.59	26.08	25.08	27.50	26.17
		1	118	25.76	26.20	25.57	25.26	25.93	25.45	25.02	24.73	24.43	22.56	24.97	24.27
		54	27	26.14	27.18	26.75	26.15	27.37	26.54	26.32	27.16	25.37	25.42	27.47	26.16
	64QAM	108	0	25.39	26.55	26.18	25.34	26.66	25.83	25.31	26.21	24.79	24.42	26.49	25.53
		1	0	23.66	26.19	25.34	24.13	25.96	25.25	23.32	23.50	24.77	22.59	24.88	24.24
		1	1	23.64	26.22	26.28	24.62	26.40	25.58	23.65	23.40	25.72	23.60	25.79	25.27
		1	117	25.81	25.72	26.23	26.13	26.20	25.16	25.46	24.23	24.52	23.46	25.88	25.38
		1	118	25.73	25.85	25.58	25.12	26.20	25.34	25.05	24.58	24.33	22.27	24.90	24.45
		54	27	24.97	25.84	25.38	24.83	26.04	25.05	24.85	25.82	24.13	23.92	25.89	24.96
	256QAM	108	0	24.84	26.06	25.58	24.87	26.28	25.27	24.75	25.74	24.25	23.99	26.02	25.06
		1	0	21.96	24.81	24.52	23.04	24.93	23.98	22.21	21.99	24.30	21.59	24.03	23.04
		1	1	22.09	24.80	24.47	23.26	25.02	24.14	22.39	22.24	23.84	21.63	24.11	23.29
		1	117	24.31	24.14	24.63	23.89	24.55	24.20	23.74	22.69	23.26	21.27	23.99	23.40
		1	118	24.32	24.13	24.84	23.84	24.78	23.90	23.88	22.74	23.39	21.30	23.84	23.24
		54	27	23.65	24.49	24.04	23.38	24.48	23.62	22.74	24.51	22.61	21.86	23.99	23.09
		108	0	23.68	24.73	24.25	23.37	24.60	23.88	22.70	24.38	22.77	21.85	23.95	23.26

OUTPUT POWER FOR 5G NR n41 (50.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				505002	519000	532998	505002	519000	532998	505002	519000	532998	505002	519000	532998
50.0	BPSK	1	0	24.43	24.74	23.77	23.92	25.03	24.65	23.52	25.71	23.95	20.37	25.17	22.71
		1	1	25.42	28.41	27.28	27.04	28.63	28.00	26.82	28.58	27.44	24.01	28.56	26.50
		1	131	27.70	28.54	27.70	28.00	28.68	27.19	28.70	28.70	27.70	26.50	28.51	26.29
		1	132	23.86	24.85	23.96	24.35	25.12	25.08	25.12	25.93	24.19	22.73	24.91	22.78
		64	32	25.89	28.70	27.56	27.38	28.70	27.81	27.40	28.49	27.34	24.29	28.70	26.32
		128	0	25.78	27.91	26.97	26.66	28.13	27.25	26.74	28.29	27.02	23.63	28.11	25.99
		1	0	23.75	24.81	23.76	23.86	24.84	24.75	23.45	25.74	23.98	20.35	25.21	22.81
		1	1	24.59	28.43	27.29	26.52	28.05	26.98	26.17	28.25	27.25	24.03	27.65	26.26
	QPSK	1	131	27.61	28.61	27.52	27.73	27.73	26.41	28.48	27.82	27.05	26.38	28.36	25.44
		1	132	23.87	24.96	23.90	24.28	25.03	25.07	25.15	25.75	24.18	22.74	25.03	22.88
		64	32	25.87	28.55	27.61	26.67	28.17	26.81	27.33	27.76	26.56	24.24	28.21	25.58
		128	0	25.36	27.45	26.45	25.81	27.15	25.94	26.26	27.31	26.04	23.13	27.36	24.99
	16QAM	1	0	22.84	24.89	23.64	23.97	24.99	24.64	23.39	26.09	24.09	20.39	25.03	22.91
		1	1	23.75	27.40	26.23	25.49	27.14	26.11	25.26	27.64	26.33	22.78	26.71	25.32
		1	131	26.48	27.52	26.23	26.93	27.06	25.27	27.47	27.19	26.09	25.40	27.44	24.84
		1	132	23.96	24.88	23.98	24.37	25.03	24.39	25.26	25.56	24.25	22.76	24.91	23.21
		64	32	25.20	27.42	26.37	25.82	27.27	25.98	26.16	26.91	25.63	23.07	27.28	24.53
		128	0	24.48	26.36	25.32	24.92	26.18	25.03	25.09	26.31	25.01	22.04	26.30	23.91
		1	0	22.64	24.90	23.84	23.75	24.87	24.50	23.58	25.75	23.92	20.29	25.32	22.91
		1	1	22.73	25.82	24.52	24.05	25.67	24.68	23.92	25.78	24.82	21.39	25.38	23.75
	64QAM	1	131	25.26	25.98	24.77	25.48	25.30	23.94	26.01	25.71	25.06	23.79	26.05	23.86
		1	132	23.96	24.97	23.84	24.21	25.35	23.88	24.95	25.71	24.16	22.94	24.92	22.89
		64	32	23.89	25.91	24.90	24.34	25.80	24.59	24.67	25.62	24.22	21.54	25.84	23.07
		128	0	24.03	25.94	24.89	24.47	25.75	24.61	24.64	25.83	24.56	21.45	25.82	23.39
	256QAM	1	0	20.99	23.98	22.72	22.59	23.92	23.13	22.25	24.59	23.08	19.17	23.69	21.79
		1	1	21.02	23.84	22.85	22.68	24.11	23.35	22.28	24.54	22.53	19.17	23.96	21.72
		1	131	22.89	24.08	23.05	23.23	23.96	22.42	24.37	24.36	23.49	21.86	23.71	21.69
		1	132	23.06	24.21	22.99	23.20	23.82	22.28	24.05	24.12	23.24	21.96	23.93	21.87
		64	32	22.45	23.85	22.96	22.90	23.97	23.20	22.58	24.30	22.89	19.56	23.96	21.64
		128	0	22.62	23.85	22.96	22.85	24.03	23.24	22.53	24.49	23.00	19.52	23.91	21.87

OUTPUT POWER FOR 5G NR n41 (60.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				506004	519000	531996	506004	519000	531996	506004	519000	531996	506004	519000	531996
60.0	BPSK	1	0	24.13	24.82	23.90	24.05	24.99	24.45	24.31	25.23	23.81	20.33	25.04	22.83
		1	1	24.48	28.54	27.44	26.59	28.53	28.00	25.16	28.70	27.37	22.90	28.70	26.34
		1	160	27.70	28.70	27.70	28.00	28.70	27.13	28.70	28.47	27.70	26.50	28.44	26.50
		1	161	23.99	24.94	23.93	24.38	25.10	24.78	25.21	24.77	24.13	22.84	24.69	22.77
		81	40	24.89	28.54	27.58	26.90	28.49	27.58	26.44	28.43	27.68	23.32	28.32	26.35
		162	0	25.01	27.87	26.98	26.49	27.96	27.26	26.42	27.90	26.99	23.00	27.78	25.87
		1	0	22.81	24.96	23.76	24.14	25.07	24.48	23.68	25.20	23.80	20.45	25.07	22.77
		1	1	23.73	28.50	27.55	26.03	28.06	27.09	24.52	28.11	27.04	22.16	27.77	26.36
	QPSK	1	160	27.69	28.60	27.69	27.54	27.77	26.20	28.22	28.07	26.87	26.20	28.39	25.58
		1	161	24.06	25.01	23.98	24.31	25.07	24.74	25.20	24.91	24.11	22.86	24.95	22.92
		81	40	25.07	28.51	27.51	26.14	28.17	26.67	26.39	28.45	27.35	22.67	28.14	25.66
		162	0	24.75	27.40	26.51	25.46	27.15	25.87	25.85	27.25	26.38	21.90	27.27	25.15
	16QAM	1	0	22.13	24.98	23.77	23.99	24.99	24.24	22.47	25.04	23.79	20.14	24.75	22.60
		1	1	22.83	27.40	26.24	24.81	27.22	26.12	23.28	27.13	26.15	21.41	27.03	25.19
		1	160	26.41	27.47	26.44	26.56	26.97	25.34	27.30	27.16	26.06	25.11	27.44	25.05
		1	161	23.95	24.85	23.99	24.32	24.97	24.44	25.21	24.94	24.14	22.61	24.68	22.82
		81	40	24.65	27.29	26.37	25.29	27.28	25.85	25.67	27.24	26.34	21.85	27.22	24.65
		162	0	23.86	26.33	25.34	24.50	26.28	24.92	24.79	26.36	25.41	21.08	26.23	24.09
		1	0	21.38	24.72	23.66	23.65	24.86	24.29	22.00	25.18	23.66	20.05	25.11	22.59
		1	1	21.50	25.65	24.78	23.90	25.99	24.96	22.39	25.86	24.85	19.82	25.68	23.72
	64QAM	1	160	24.96	26.00	25.03	25.01	25.52	23.99	25.60	25.70	24.71	23.68	25.67	23.86
		1	161	23.66	25.15	24.08	24.46	25.15	24.08	25.15	24.68	23.98	22.96	24.94	22.64
		81	40	23.21	25.92	24.88	23.93	25.88	24.41	24.40	25.73	24.96	20.53	25.73	23.23
		162	0	23.38	25.79	24.91	24.04	25.83	24.51	24.38	25.78	24.97	20.58	25.78	23.60
	256QAM	1	0	20.03	23.90	22.87	22.44	23.73	23.24	20.62	24.19	22.73	18.42	24.08	21.77
		1	1	20.04	23.67	22.77	22.15	24.01	23.41	20.88	24.06	22.73	18.28	23.90	21.73
		1	160	22.92	23.64	23.09	23.40	24.03	22.24	24.05	23.84	22.99	21.58	23.72	21.64
		1	161	22.95	23.93	23.02	23.21	23.88	22.25	23.99	23.84	23.05	21.86	23.61	21.55
		81	40	21.82	23.87	22.85	22.56	23.94	23.04	22.99	23.65	22.94	19.17	23.76	21.77
		162	0	21.95	23.84	22.83	22.76	23.95	23.07	23.00	23.75	22.85	19.26	23.72	21.70

OUTPUT POWER FOR 5G NR n41 (70.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				507000	519000	531000	507000	519000	531000	507000	519000	531000	507000	519000	531000
70.0	BPSK	1	0	2535.0	2595.0	2655.0	2535.0	2595.0	2655.0	2535.0	2595.0	2655.0	2535.0	2595.0	2655.0
		1	1	24.18	25.68	23.60	25.18	26.05	25.22	24.33	24.73	23.62	21.76	24.04	23.57
		1	1	24.43	25.91	27.33	26.89	27.13	27.40	25.23	26.41	27.29	23.84	26.61	24.60
		1	187	27.70	28.70	27.70	28.00	28.08	25.41	28.70	28.70	27.51	26.50	27.15	23.49
		1	188	23.89	24.99	23.85	25.52	26.46	25.00	25.10	24.86	23.97	23.89	25.98	22.85
		90	45	25.18	25.87	27.44	27.71	28.70	28.00	26.39	25.48	27.70	24.51	28.70	26.50
		180	0	25.02	25.82	26.90	27.28	28.47	27.76	26.29	25.43	27.08	24.07	28.57	26.39
		1	0	22.64	25.28	23.77	25.00	25.57	25.18	23.62	24.69	23.63	21.64	23.91	22.32
		1	1	23.65	26.02	27.15	26.32	26.29	26.26	24.42	25.97	26.94	22.97	25.73	23.43
	QPSK	1	187	27.54	28.66	27.45	27.01	27.05	24.46	27.84	28.09	26.77	25.40	26.06	22.42
		1	188	23.92	25.10	23.89	25.61	25.67	23.32	24.95	24.99	24.05	24.08	25.14	21.62
		90	45	25.15	25.99	27.49	27.25	27.92	27.03	26.39	25.48	27.22	23.83	27.66	25.40
		180	0	24.61	25.81	26.36	25.87	26.97	26.55	25.60	25.40	26.47	22.65	27.10	24.93
		1	0	21.66	24.44	23.71	23.83	24.27	24.12	22.43	24.44	23.81	20.97	24.06	21.74
		1	1	22.77	25.54	25.85	24.94	25.41	25.29	23.49	25.06	26.34	21.83	25.11	23.01
		1	187	26.53	27.67	26.49	26.04	25.99	23.56	27.03	27.05	26.03	24.37	25.45	21.66
		1	188	23.88	25.10	24.17	24.89	25.14	22.45	25.14	24.87	24.15	23.38	24.18	21.05
		90	45	24.65	25.34	26.32	26.14	27.07	25.95	25.72	25.16	26.20	22.80	26.74	24.65
		180	0	23.77	24.82	25.34	25.18	26.16	24.07	24.74	24.52	25.28	21.87	26.64	24.11
	16QAM	1	0	21.28	23.96	23.65	23.59	24.41	23.71	22.14	23.86	23.85	20.38	23.92	21.13
		1	1	21.38	23.96	24.57	23.63	24.10	24.12	22.06	23.86	24.81	20.26	23.92	21.33
		1	187	24.89	26.19	24.84	24.72	24.47	21.71	25.58	25.99	24.81	22.90	24.29	20.40
		1	188	23.97	25.18	24.00	24.38	24.55	21.73	25.00	24.79	24.12	22.91	23.78	20.45
		90	45	23.33	24.02	24.72	24.91	25.63	23.20	24.32	23.83	24.68	21.35	25.53	23.12
		180	0	23.29	24.42	24.80	24.88	25.58	23.17	24.32	23.99	25.00	21.50	26.08	23.48
		1	0	19.98	22.46	22.67	22.41	22.92	22.28	20.62	22.14	22.61	19.13	22.70	20.15
		1	1	20.18	22.63	22.51	22.25	23.06	22.64	20.74	22.48	22.60	19.28	22.41	20.17
		1	187	23.03	24.23	23.07	23.20	23.19	20.66	24.00	23.91	22.92	21.44	22.85	19.37
		1	188	22.97	24.03	22.73	22.86	23.25	20.75	24.22	23.94	23.09	21.77	22.88	19.36
	256QAM	90	45	21.94	22.57	22.79	22.88	23.27	21.82	22.97	22.27	23.03	20.90	22.61	20.44
		180	0	21.95	23.01	22.85	22.67	23.34	21.75	22.94	22.50	23.00	20.31	22.88	20.22

OUTPUT POWER FOR 5G NR n41 (80.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				508002	519000	529998	508002	519000	529998	508002	519000	529998	508002	519000	529998
80.0	BPSK	1	0	2540.0	2595.0	2650.0	2540.0	2595.0	2650.0	2540.0	2595.0	2650.0	2540.0	2595.0	2650.0
		1	1	26.72	28.16	23.86	25.38	26.14	25.08	26.79	26.87	23.88	23.38	23.88	23.53
		1	1	24.46	26.10	27.46	27.14	27.54	28.00	25.17	26.40	27.40	23.81	27.99	26.50
		1	215	27.70	28.70	27.70	28.00	28.34	26.22	28.70	28.70	27.70	26.50	28.70	25.53
		1	216	26.63	27.30	24.31	25.72	26.32	24.79	27.27	27.26	24.29	26.09	25.93	22.75
		108	54	27.70	28.15	27.70	28.00	28.70	28.00	28.70	27.61	27.70	26.50	28.70	26.50
		216	0	27.61	28.27	27.05	27.28	28.21	27.28	28.68	27.61	27.08	25.62	28.16	26.16
		1	0	25.15	27.15	23.70	24.84	25.51	24.88	25.88	26.71	23.52	23.19	23.66	22.16
		1	1	23.64	25.65	27.17	26.32	26.59	26.74	24.62	25.83	27.50	22.90	27.21	26.46
	QPSK	1	215	27.56	28.49	27.52	27.62	27.13	24.93	28.67	28.58	26.72	26.41	28.54	24.42
		1	216	26.32	27.03	23.96	25.58	25.70	23.10	27.15	27.05	24.09	25.69	25.13	21.25
		108	54	27.60	28.04	27.53	27.99	28.64	27.84	28.55	27.51	27.21	25.37	27.34	25.43
		216	0	27.04	27.89	26.49	25.97	26.72	26.33	28.01	27.45	26.41	25.33	26.83	24.87
		1	0	23.74	25.64	23.05	23.47	23.71	23.69	24.35	25.74	22.87	21.78	23.01	20.52
		1	1	22.53	24.34	25.55	24.45	25.32	25.23	23.10	24.44	26.59	21.37	25.97	24.07
		1	215	25.99	27.08	25.87	26.70	25.34	23.61	26.49	27.42	25.64	23.82	25.99	23.18
		1	216	25.64	26.38	23.31	24.34	24.28	21.95	26.50	26.40	23.34	24.45	23.85	19.89
		108	54	26.61	27.14	25.83	25.46	27.63	27.20	27.45	26.59	25.54	23.93	27.04	24.10
		216	0	25.67	26.60	24.85	24.38	25.38	23.23	26.50	26.03	24.82	23.14	25.85	23.58
	16QAM	1	0	23.29	25.19	22.60	23.02	23.26	23.17	23.90	26.26	22.42	21.33	22.56	20.07
		1	1	21.19	23.70	24.48	23.69	23.93	26.06	21.75	23.18	25.47	20.51	24.54	22.84
		1	215	24.68	25.65	24.50	25.14	24.27	22.23	25.03	25.49	24.44	23.64	25.08	21.99
		1	216	25.19	25.93	22.86	23.89	23.83	21.11	26.05	25.95	22.89	24.00	23.40	19.44
		108	54	25.50	26.07	24.62	24.46	26.87	22.58	26.36	25.52	24.15	22.69	24.95	22.60
		216	0	25.22	26.15	24.40	23.93	24.93	22.56	26.05	25.58	24.37	22.69	25.65	22.36
		1	0	22.32	25.01	22.59	22.26	22.91	22.50	22.96	24.19	22.41	20.95	22.51	20.03
		1	1	20.17	22.67	22.92	22.72	23.10	25.01	20.78	21.85	22.46	19.60	23.74	22.30
		1	215	23.22	23.90	22.64	24.48	25.32	21.06	24.17	23.86	22.95	21.62	24.31	21.29
	256QAM	1	216	25.18	25.92	22.85	23.27	23.11	20.27	25.04	25.54	22.88	23.10	22.89	19.13
		108	54	24.66	25.21	23.02	22.71	23.00	21.64	25.29	24.62	22.98	22.44	22.46	20.22
		216	0	24.47	25.49	22.97	22.73	23.10	21.61	25.28	24.76	22.96	22.38	22.75	19.99

OUTPUT POWER FOR 5G NR n41 (90.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				509004	519000	528996	509004	519000	528996	509004	519000	528996	509004	519000	528996
90.0	BPSK	1	0	24.25	26.29	23.77	25.57	26.12	25.01	24.65	24.38	23.94	22.65	25.63	23.63
		1	1	24.45	26.85	27.31	27.18	27.69	27.55	25.17	26.04	27.38	24.42	28.70	24.43
		1	243	27.70	28.70	27.70	27.89	28.20	25.46	28.70	28.70	27.70	26.50	27.18	23.55
		1	244	24.12	25.14	24.30	25.89	26.83	24.74	25.25	25.17	24.26	24.79	25.79	22.81
		120	60	25.49	26.48	27.42	28.00	28.70	28.00	26.47	25.32	27.65	25.33	28.46	26.50
		243	0	25.39	26.46	26.95	27.29	28.56	27.76	26.56	25.36	27.08	24.59	28.33	26.34
	QPSK	1	0	22.78	25.32	23.90	25.37	26.00	25.13	23.88	24.16	23.89	22.60	25.78	22.50
		1	1	23.58	26.05	27.53	26.27	26.91	26.27	24.51	25.42	27.41	23.57	27.85	23.37
		1	243	27.68	28.68	27.66	27.01	27.20	24.48	28.07	27.77	26.79	23.78	26.14	22.23
		1	244	24.21	24.97	24.14	25.83	26.19	23.36	25.00	25.07	24.30	22.53	25.38	21.38
		120	60	25.36	26.48	27.37	27.04	27.98	26.94	26.57	25.29	27.22	24.42	27.24	25.51
		243	0	24.99	26.45	26.42	26.07	27.14	26.77	26.03	25.33	26.52	23.44	27.01	24.74
	16QAM	1	0	22.31	24.39	23.67	24.17	25.28	24.40	22.70	23.55	23.80	21.63	25.85	21.70
		1	1	23.35	25.10	26.49	25.32	26.01	25.16	23.79	24.66	26.38	22.56	26.95	22.74
		1	243	26.70	27.56	26.52	26.07	26.38	23.45	27.40	26.80	26.14	22.83	25.28	21.73
		1	244	23.94	24.82	24.02	25.01	25.16	22.20	24.94	24.79	24.12	21.89	24.73	20.96
		120	60	25.29	25.86	26.28	26.21	27.15	26.21	26.11	25.06	26.16	23.47	26.46	24.77
		243	0	24.23	25.28	25.30	25.36	26.12	25.67	25.11	24.42	25.38	22.39	26.40	24.29
	64QAM	1	0	21.77	24.11	23.67	24.20	24.60	23.86	22.43	23.12	23.59	21.00	25.76	21.57
		1	1	21.93	24.10	24.75	24.24	24.73	23.87	22.22	23.06	24.85	21.06	25.85	21.63
		1	243	24.87	25.96	25.08	24.75	24.97	21.90	25.75	25.65	24.68	21.56	24.39	20.67
		1	244	24.27	25.08	24.07	24.33	24.67	21.80	24.76	25.04	24.10	21.36	24.03	20.68
		120	60	24.07	24.53	24.74	24.98	25.95	23.13	24.75	23.75	24.77	22.01	25.23	23.25
		243	0	23.87	24.94	24.78	25.31	25.82	23.06	24.64	23.94	24.96	22.33	25.47	22.86
	256QAM	1	0	20.46	22.56	22.74	22.70	23.30	22.79	20.93	21.81	22.86	19.91	24.97	19.95
		1	1	20.50	22.85	22.83	23.05	23.32	22.36	20.85	21.50	22.81	20.13	24.57	20.39
		1	243	22.68	24.30	22.96	23.15	23.30	20.65	24.05	24.11	23.15	19.91	22.87	19.14
		1	244	23.05	24.29	23.22	23.20	23.27	20.62	24.14	23.99	23.09	19.89	23.19	19.42
		120	60	22.71	22.99	22.78	22.84	23.26	21.76	23.33	22.44	22.85	21.22	22.31	20.42
		243	0	22.50	23.44	22.75	22.98	23.35	21.71	23.26	22.42	22.83	20.97	22.54	20.18

OUTPUT POWER FOR 5G NR n41 (100.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 4			ANT 2			ANT 1		
				501000	519000	528000	501000	519000	528000	501000	519000	528000	501000	519000	528000
100.0	BPSK	1	0	24.23	26.07	23.72	25.64	26.24	25.45	24.70	24.34	23.94	23.86	25.94	23.62
		1	1	24.57	26.20	27.33	27.19	28.05	27.94	25.34	25.84	27.55	26.10	28.70	25.60
		1	271	27.70	28.70	27.70	27.82	28.31	25.64	28.70	28.70	27.70	25.65	27.78	23.96
		1	272	23.83	24.95	24.16	26.04	26.92	25.11	25.11	25.07	24.32	24.23	25.81	23.52
		135	67	25.37	26.08	27.33	27.33	28.47	28.00	26.44	25.19	27.61	26.08	28.24	26.50
		270	0	25.31	26.18	26.93	28.00	28.70	27.94	26.36	25.23	27.09	26.50	28.26	26.48
	QPSK	1	0	22.97	24.90	23.66	25.50	26.47	25.59	23.81	24.28	23.76	23.79	25.78	23.60
		1	1	23.74	25.56	27.38	26.66	27.42	26.63	24.85	25.62	27.23	25.25	28.41	24.64
		1	271	27.47	28.67	27.58	26.97	27.17	24.72	28.42	27.87	26.93	24.92	27.16	23.11
		1	272	24.15	25.18	24.17	25.93	26.16	23.27	24.99	25.09	24.34	24.04	25.80	22.22
		135	67	25.55	26.07	27.35	27.15	28.04	27.32	26.41	25.15	27.27	25.69	27.44	25.74
		270	0	25.13	26.22	26.36	26.26	27.09	27.05	26.02	25.27	26.52	24.80	26.88	25.10
	16QAM	1	0	22.12	23.97	23.76	24.44	25.31	24.65	22.89	23.63	24.01	23.02	26.01	22.79
		1	1	22.84	24.96	26.28	25.55	26.63	25.65	23.90	24.68	26.43	23.96	27.46	23.71
		1	271	26.63	27.71	26.76	25.99	26.21	23.67	28.00	26.98	25.71	24.13	26.04	22.30
		1	272	24.07	25.05	23.92	25.02	25.38	22.77	25.00	25.00	23.94	23.35	25.07	21.28
		135	67	25.15	25.88	26.20	26.19	27.11	26.47	26.10	25.04	26.09	24.86	26.63	24.99
		270	0	23.99	25.29	25.26	25.53	26.14	24.14	25.07	24.34	25.43	24.05	25.97	24.41
	64QAM	1	0	21.26	23.62	23.59	24.37	25.03	24.60	22.61	23.41	23.70	22.64	25.99	22.48
		1	1	21.87	23.49	24.92	24.36	25.56	24.53	22.62	23.45	24.84	22.88	26.33	22.37
		1	271	24.46	25.95	25.16	24.63	24.94	21.91	26.17	25.72	24.74	22.65	24.87	21.41
		1	272	24.18	25.05	24.04	24.67	24.98	22.66	25.22	25.36	24.17	22.66	24.71	21.33
		135	67	23.79	24.35	24.78	24.80	26.06	23.47	24.74	23.68	24.87	23.97	25.25	23.58
		270	0	23.52	24.69	24.81	25.22	26.09	23.48	24.72	23.86	24.96	24.18	25.85	23.79
	256QAM	1	0	19.84	22.22	22.43	23.04	23.82	23.05	20.78	22.11	22.96	21.34	25.07	21.20
		1	1	20.35	22.23	22.73	22.91	24.12	23.13	20.74	21.84	22.44	21.67	24.99	21.05
		1	271	22.70	24.05	22.96	23.14	23.50	20.75	24.09	23.94	23.38	21.54	23.45	20.04
		1	272	23.17	23.83	23.07	23.02	23.40	20.72	23.82	24.06	23.25	21.38	23.18	19.63
		135	67	22.53	22.95	22.70	22.78	23.46	22.11	23.38	22.26	22.87	22.83	22.77	20.84
		270	0	22.31	23.35	22.74	23.12	23.57	22.15	23.39	22.35	22.94	22.68	23.06	20.62

8.10. ULCA LTE BAND 41 (IC)

Test Engineer ID: 39004 Test Date: 2024-12-18

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

Bandwidth	PCC Frequency (MHz)	SCC1 Frequency (MHz)	PCC RB		SCC1 RB		Conducted Average (dBm)															
							ANT 3				ANT 4				ANT 2				ANT 1			
			Size	Offset	Size	Offset	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
5MHz / 20MHz	2503.3	2515.0	1	24	1	0	22.65	22.65	22.67	22.40	22.99	22.97	23.00	22.81	23.68	23.64	23.70	23.53	21.47	21.37	21.37	21.35
			25	0	100	0	22.68	22.57	22.59	22.67	22.99	22.82	22.84	22.87	23.70	23.56	23.55	23.60	21.45	21.39	21.25	21.39
			1	24	1	0	28.68	27.12	26.69	23.61	28.68	27.05	26.58	23.67	28.65	27.02	26.69	23.42	28.66	27.15	26.57	23.40
	2585.8	2597.5	25	0	100	0	26.70	25.68	25.56	23.45	26.69	25.58	25.62	23.42	26.68	25.62	25.58	23.43	26.66	25.58	25.53	23.56
			1	24	1	0	27.67	26.11	25.62	22.41	27.96	26.31	25.93	22.90	27.70	26.16	25.50	22.40	26.49	24.99	24.25	21.22
			25	0	100	0	25.69	24.65	24.63	22.52	25.99	24.98	24.83	23.00	25.70	24.53	24.56	22.41	24.47	23.40	23.35	21.44

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

Bandwidth	PCC Frequency (MHz)	SCC1 Frequency (MHz)	PCC RB		SCC1 RB		Conducted Average (dBm)															
							ANT 3				ANT 4				ANT 2				ANT 1			
			Size	Offset	Size	Offset	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
20MHz / 5MHz	2510.0	2521.7	1	99	1	0	26.67	26.20	26.20	22.45	26.98	26.47	26.38	22.91	27.69	27.13	26.97	23.64	25.48	24.84	24.80	21.29
			100	0	25	0	22.67	22.63	22.56	22.53	22.98	22.97	22.89	22.75	23.67	23.61	23.65	23.43	21.47	21.41	21.35	21.26
			1	99	1	0	28.68	27.18	26.47	23.56	28.69	27.12	26.46	23.66	28.65	27.19	26.52	23.65	28.67	27.13	26.54	23.58
	2592.5	2604.2	100	0	25	0	26.70	25.65	25.69	23.70	26.67	25.56	25.61	23.58	26.66	25.56	25.45	23.42	26.66	25.69	25.49	23.63
			1	99	1	0	27.70	26.06	25.51	22.44	28.00	26.34	25.94	22.82	27.68	26.20	25.46	22.44	26.47	24.82	24.48	21.48
			100	0	25	0	25.70	24.57	24.55	22.54	25.95	25.00	24.88	22.83	25.70	24.66	24.66	22.58	24.50	23.34	23.39	21.48

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

Bandwidth	PCC Frequency (MHz)	SCC1 Frequency (MHz)	PCC RB		SCC1 RB		Conducted Average (dBm)															
							ANT 3				ANT 4				ANT 2				ANT 1			
			Size	Offset	Size	Offset	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
10MHz / 20MHz	2505.5	2519.9	1	49	1	0	22.66	22.59	22.64	22.58	22.99	22.84	22.95	22.85	23.67	23.51	23.65	23.69	21.49	21.38	21.39	21.37
			50	0	100	0	22.69	22.62	22.46	22.66	22.98	22.93	22.98	22.79	23.69	23.51	23.54	23.67	21.48	21.35	21.43	21.26
			1	49	1	0	28.66	27.19	26.54	23.49	28.66	27.02	26.46	23.40	28.70	27.16	26.60	23.42	28.68	27.00	26.66	23.68
	2585.6	2600.0	50	0	100	0	26.67	25.70	25.61	23.57	26.65	25.61	25.50	23.62	26.70	25.65	25.54	23.69	26.70	25.67	25.52	23.61
			1	49	1	0	27.69	26.07	25.51	22.40	27.98	26.35	26.00	22.72	27.69	26.04	25.67	22.62	26.45	24.99	24.28	21.48
			50	0	100	0	25.69	24.62	24.48	22.69	25.95	24.82	24.81	22.72	25.66	24.60	24.49	22.43	24.47	23.47	23.47	21.39

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

Bandwidth	PCC Frequency (MHz)	SCC1 Frequency (MHz)	PCC RB		SCC1 RB		Conducted Average (dBm)															
							ANT 3				ANT 4				ANT 2				ANT 1			
			Size	Offset	Size	Offset	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
20MHz / 10MHz	2510.0	2524.4	1	99	1	0	26.70	26.10	26.10	22.53	27.00	26.46	26.44	22.87	27.69	27.11	26.97	23.52	25.49	24.91	24.83	21.49
			100	0	50	0	22.65	22.69	22.67	22.45	22.99	22.86	22.89	22.76	23.66	23.53	23.67	23.64	21.46	21.47	21.32	21.47
			1	99	1	0	28.70	27.09	26.55	23.41	28.65	27.12	26.47	23.52	28.66	27.06	26.54	23.66	28.68	27.10	26.53	23.56
	2590.1	2604.4	100	0	50	0	26.67	25.64	25.45	23.64	26.70	25.53	25.64	23.62	26.66	25.51	25.70	23.52	26.68	25.64	25.54	23.56
			1	99	1	0	27.69	26.12	25.66	22.66	27.97	26.39	25.79	22.88	27.66	26.16	25.59	22.49	26.50	24.88	24.32	21.48
			100	0	50	0	25.70	24.69	24.55	22.61	25.96	24.88	24.93	22.76	25.69	24.53	24.61	22.54	24.46	23.49	23.49	21.37

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

Bandwidth	PCC Frequency (MHz)	SCC1 Frequency (MHz)	PCC RB		SCC1 RB		Conducted Average (dBm)															
							ANT 3				ANT 4				ANT 2				ANT 1			
			Size	Offset	Size	Offset	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
15MHz / 15MHz	2507.5	2522.5	1	74	1	0	27.67	26.17	25.54	22.62	27.99	26.31	25.94	22.86	28.66	27.12	26.45	23.53	26.45	24.82	24.33	21.50
			75	0	75	0	22.68	22.58	22.53	22.61	22.99	22.89	22.96	22.90	23.70	23.58	23.52	23.47	21.47	21.36	21.40	21.22
			1	74	1	0	28.65	27.09	26.45	23.47	28.67	27.01	26.45	23.66	28.66	27.03	26.66	23.66	28.68	27.18	26.64	23.43
	2587.5	2602.5	75	0	75	0	26.65	25.69	25.66	23.61	26.65	25.53	25.59	23.43	26.65	25.54	25.53	23.65	26.68	25.59	25.69	23.53
			1	74	1	0	27.68	26.07	25.56	22.60	27.98	26.34	26.00	22.89	27.67	26.06	25.63	22.67	26.49	24.82	24.29	21.42
			75	0	75	0	25.67	24.52	24.65	22.47	26.00	24.99	24.97	23.00	25.70	24.64	24.55	22.61	24.45	23.35	23.28	21.48

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 3				ANT 4				ANT 2				ANT 1			
							QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
15MHz / 20MHz	2507.8	2524.9	1	74	1	0	27.67	26.05	25.56	22.63	27.98	26.39	25.80	22.79	28.65	27.08	26.51	23.41	26.48	24.94	24.42	21.43
			75	0	100	0	22.65	22.69	22.63	22.70	22.97	22.98	22.82	22.95	23.65	23.58	23.54	23.57	21.48	21.36	21.36	21.49
	2585.3	2602.4	1	74	1	0	28.66	27.15	26.66	23.63	28.67	27.03	26.50	23.45	28.65	27.17	26.60	23.46	28.65	27.09	26.61	23.46
			75	0	100	0	26.68	25.56	25.48	23.55	26.67	25.52	25.55	23.54	26.70	25.66	25.45	23.46	26.70	25.61	25.52	23.47
	2662.9	2680.0	1	74	1	0	27.69	26.20	25.70	22.66	27.95	26.31	25.98	22.88	27.69	26.17	25.62	22.56	26.46	24.82	24.50	21.33
			75	0	100	0	25.65	24.51	24.64	22.41	26.00	24.92	24.85	22.89	25.70	24.63	24.59	22.47	24.48	23.39	23.46	21.36

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

Bandwidth	PCC Frequency (MHz)	SCC1 Frequency (MHz)	PCC RB Size	PCC RB Offset	SCC1 RB Size	SCC1 RB Offset	Conducted Average (dBm)															
							ANT 3				ANT 4				ANT 2				ANT 1			
							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	27.68	26.01	25.64	22.47	27.98	26.34	25.88	22.83	28.66	27.17	26.66	23.47	26.48	24.90	24.50	21.24
			100	0	75	0	22.65	22.50	22.70	22.46	22.99	22.83	22.86	22.82	23.67	23.66	23.66	23.61	21.45	21.34	21.49	21.33
			1	99	1	0	28.70	27.06	26.48	23.45	28.69	27.09	26.60	23.59	28.67	27.18	26.70	23.60	28.65	27.01	26.52	23.57
	2587.6	2604.7	100	0	75	0	26.67	25.70	25.66	23.69	26.70	25.69	25.58	23.50	26.67	25.65	25.62	23.43	26.70	25.70	25.65	23.50
			1	99	1	0	27.65	26.12	25.49	22.55	27.99	26.48	25.89	22.92	27.65	26.01	25.58	22.58	26.46	24.95	24.27	21.33
			100	0	75	0	25.67	24.54	24.69	22.50	25.99	24.84	24.93	22.95	25.69	24.50	24.47	22.67	24.49	23.41	23.46	21.49

OUTPUT POWER FOR ULCA LTE BAND 41 (20.0MHz + 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 3				ANT 4				ANT 2				ANT 1			
							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	27.68	26.20	25.69	22.53	27.96	26.43	25.86	22.81	28.68	27.10	26.58	23.45	26.50	24.85	24.33	21.42
			1	0	1	99	14.70	14.56	14.59	14.55	14.96	14.95	14.81	14.70	15.67	15.50	15.51	15.55	13.48	13.38	13.49	13.44
			100	0	100	0	22.68	22.70	22.50	22.63	22.95	22.90	22.96	22.81	23.70	23.68	23.50	23.51	21.47	21.32	21.33	21.39
	2585.1	2604.9	1	99	1	0	28.69	27.07	26.48	23.65	28.70	27.13	26.48	23.57	28.70	27.14	26.59	23.67	28.66	27.18	26.70	23.48
			1	0	1	99	20.19	20.12	20.11	20.08	20.20	20.00	20.19	20.08	20.19	20.10	20.08	20.02	20.20	20.18	20.03	20.19
			100	0	100	0	26.66	25.58	25.62	23.68	26.69	25.63	25.57	23.58	26.67	25.58	25.62	23.44	26.65	25.51	25.55	23.63
	2660.2	2680.0	1	99	1	0	27.66	26.00	25.48	22.66	27.98	26.33	25.90	22.80	27.67	26.09	25.50	22.68	26.49	24.83	24.42	21.23
			1	0	1	99	19.16	19.08	19.18	18.96	19.46	19.34	19.46	19.46	19.16	19.20	18.95	18.93	18.00	17.99	17.81	17.93
			100	0	100	0	25.70	24.65	24.55	22.69	26.00	24.89	24.91	22.99	25.65	24.58	24.55	22.47	24.48	23.46	23.37	21.21

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.

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	4.498	5.05
	5MHz, 16QAM			4.502	5.10
	10MHz, QPSK	50/0		8.991	9.91
	10MHz, 16QAM			8.959	9.97
	15MHz, QPSK	75/0		13.455	14.86
	15MHz, 16QAM			13.462	14.83
	20MHz, QPSK	100/0		17.934	19.62
	20MHz, 16QAM			17.957	19.64
	20MHz, QPSK	1/0		0.276	0.47

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	4.493	4.91
	5MHz, QPSK			4.500	5.05
	5MHz, 16QAM			4.513	5.37
	10MHz, BPSK	50/0		8.997	9.86
	10MHz, QPSK			8.960	9.69
	10MHz, 16QAM			8.979	9.91
	15MHz, BPSK	75/0		13.489	14.59
	15MHz, QPSK			13.474	14.33
	15MHz, 16QAM			13.439	14.47
	20MHz, BPSK	100/0		17.972	19.19
	20MHz, QPSK			17.922	19.61
	20MHz, 16QAM			17.914	19.63
	25MHz, BPSK	128/0		22.992	24.35
	25MHz, QPSK			22.992	24.06
	25MHz, 16QAM			22.899	24.22
	30MHz, BPSK	160/0		28.722	30.45
	30MHz, QPSK			28.654	30.14
	30MHz, 16QAM			28.625	31.00
	35MHz, BPSK	180/0		32.240	33.97
	35MHz, QPSK			32.170	33.69
	35MHz, 16QAM			32.215	33.68
	40MHz, BPSK	216/0		38.666	40.79
	40MHz, QPSK			38.523	40.28
	40MHz, 16QAM			38.571	40.39
	50MHz, BPSK	270/0		48.251	50.88
	50MHz, QPSK			47.992	50.30
	50MHz, 16QAM			47.919	50.28
	50MHz, BPSK	1/0		0.299	0.51

ULCA LTE BAND 7

Band	Mode	RB Allocation/RB Offset	f (MHz)	99% BW (MHz)	- 26dB BW (MHz)
ULCA LTE BAND 7	10MHz + 20MHz BAND QPSK	50/0 + 100/0	2535	28.237	30.68
	10MHz + 20MHz BAND 16QAM			28.204	30.25
	20MHz + 10MHz BAND QPSK	100/0 + 50/0		28.257	30.48
	20MHz + 10MHz BAND 16QAM			28.213	30.39
	15MHz + 15MHz BAND QPSK	75/0 + 75/0		28.821	31.26
	15MHz + 15MHz BAND 16QAM			28.814	31.14
	15MHz + 20MHz BAND QPSK	75/0 + 100/0		33.011	35.43
	15MHz + 20MHz BAND 16QAM			33.025	35.54
	20MHz + 15MHz BAND QPSK	100/0 + 75/0		33.039	35.64
	20MHz + 15MHz BAND 16QAM			33.012	35.50
	20MHz + 20MHz BAND QPSK	100/0 + 100/0		37.865	40.72
	20MHz + 20MHz BAND 16QAM			37.815	40.78

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	4.504	5.15
	5MHz, 16QAM			4.489	5.09
	10MHz, QPSK	50/0		8.986	9.97
	10MHz, 16QAM			8.980	9.92
	15MHz, QPSK	75/0		13.461	15.29
	15MHz, 16QAM			13.447	14.69
	20MHz, QPSK	100/0		17.924	19.68
	20MHz, 16QAM			17.931	19.58
	20MHz, QPSK	1/0		0.264	0.39

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	8.647	9.94
	10MHz, QPSK			8.645	9.89
	10MHz, 16QAM			8.661	9.94
	15MHz, BPSK	36/0		12.951	14.46
	15MHz, QPSK			12.961	14.45
	15MHz, 16QAM			12.945	14.49
	20MHz, BPSK	50/0		17.929	19.47
	20MHz, QPSK			17.922	19.62
	20MHz, 16QAM			17.929	19.65
	25MHz, BPSK	64/0		23.013	25.02
	25MHz, QPSK			23.004	25.11
	25MHz, 16QAM			22.993	25.15
	30MHz, BPSK	75/0		27.014	29.06
	30MHz, QPSK			26.973	29.19
	30MHz, 16QAM			27.012	29.23
	35MHz, BPSK	90/0		32.385	34.55
	35MHz, QPSK			32.329	34.72
	35MHz, 16QAM			32.311	34.78
	40MHz, BPSK	100/0		35.851	38.09
	40MHz, QPSK			35.814	38.09
	40MHz, 16QAM			35.820	38.22
	45MHz, BPSK	108/0		38.815	41.42
	45MHz, QPSK			38.834	41.59
	45MHz, 16QAM			38.831	41.47
	50MHz, BPSK	128/0		45.859	48.35
	50MHz, QPSK			45.881	48.38
	50MHz, 16QAM			45.816	48.28
	60MHz, BPSK	162/0		57.964	60.84
	60MHz, QPSK			57.983	61.01
	60MHz, 16QAM			57.937	61.01
	70MHz, BPSK	180/0		64.761	68.40
	70MHz, QPSK			64.700	68.37
	70MHz, 16QAM			64.703	68.29
	80MHz, BPSK	216/0		77.178	80.88
	80MHz, QPSK			77.257	80.86
	80MHz, 16QAM			77.201	80.88
	90MHz, BPSK	243/0		86.767	90.45
	90MHz, QPSK			86.829	90.65
	90MHz, 16QAM			86.782	90.49
	100MHz, BPSK	270/0		96.363	100.7
	100MHz, QPSK			96.510	100.8
	100MHz, 16QAM			96.591	100.7
	100MHz, BPSK	1/0		0.598	1.10

ULCA LTE BAND 41 (FCC)

Band	Mode	RB Allocation/RB Offset	f (MHz)	99% BW (MHz)	- 26dB BW (MHz)
ULCA LTE BAND 41 (FCC)	5MHz + 20MHz BAND QPSK	25/0 + 100/0	2593	23.507	29.01
	5MHz + 20MHz BAND 16QAM			23.431	27.44
	20MHz + 5MHz BAND QPSK	100/0 + 25/0		23.458	29.67
	20MHz + 5MHz BAND 16QAM			23.382	29.03
	10MHz + 20MHz BAND QPSK	50/0 + 100/0		28.153	32.07
	10MHz + 20MHz BAND 16QAM			28.177	32.17
	20MHz + 10MHz BAND QPSK	100/0 + 50/0		28.208	32.99
	20MHz + 10MHz BAND 16QAM			28.133	32.85
	15MHz + 15MHz BAND QPSK	75/0 + 75/0		28.726	35.22
	15MHz + 15MHz BAND 16QAM			28.708	36.66
	15MHz + 20MHz BAND QPSK	75/0 + 100/0		32.952	38.45
	15MHz + 20MHz BAND 16QAM			32.957	39.06
	20MHz + 15MHz BAND QPSK	100/0 + 75/0		32.997	38.66
	20MHz + 15MHz BAND 16QAM			33.025	37.30
	20MHz + 20MHz BAND QPSK	100/0 + 100/0		37.869	44.35
	20MHz + 20MHz BAND 16QAM			37.805	41.24

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	4.487	5.20
	5MHz, 16QAM			4.498	4.99
	10MHz, QPSK	50/0		8.961	10.18
	10MHz, 16QAM			8.980	9.90
	15MHz, QPSK	75/0		13.450	14.83
	15MHz, 16QAM			13.418	14.63
	20MHz, QPSK	100/0		17.941	19.69
	20MHz, 16QAM			17.903	17.78
	20MHz, QPSK	1/0		0.251	0.40

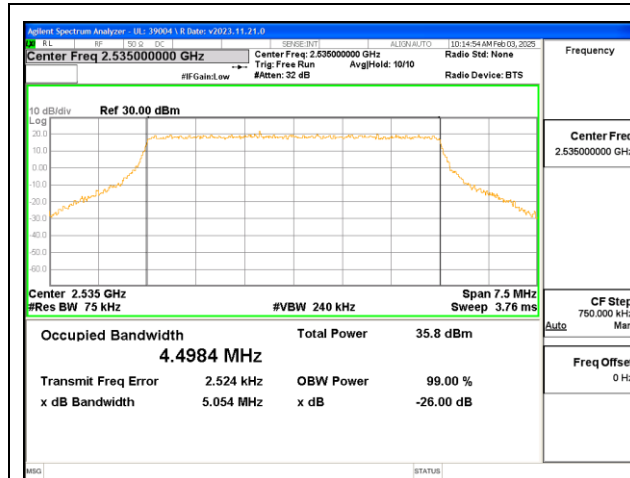
5G NR n41 (IC)

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
5G NR n41 (IC)	10MHz, BPSK	24/0	2595.0	8.636	9.95
	10MHz, QPSK			8.652	10.04
	10MHz, 16QAM			8.633	10.03
	15MHz, BPSK	36/0		12.937	14.43
	15MHz, QPSK			12.957	14.55
	15MHz, 16QAM			12.942	14.56
	20MHz, BPSK	50/0		17.930	19.65
	20MHz, QPSK			17.931	19.81
	20MHz, 16QAM			17.940	19.65
	25MHz, BPSK	64/0		23.067	25.03
	25MHz, QPSK			23.009	25.14
	25MHz, 16QAM			23.050	25.22
	30MHz, BPSK	75/0		26.954	29.03
	30MHz, QPSK			26.959	29.16
	30MHz, 16QAM			26.994	29.16
	35MHz, BPSK	90/0		32.339	34.50
	35MHz, QPSK			32.322	34.66
	35MHz, 16QAM			32.319	34.76
	40MHz, BPSK	100/0		35.856	38.12
	40MHz, QPSK			35.829	38.23
	40MHz, 16QAM			35.897	38.24
	45MHz, BPSK	108/0		38.854	41.50
	45MHz, QPSK			38.835	41.57
	45MHz, 16QAM			38.840	41.55
	50MHz, BPSK	128/0		45.860	48.38
	50MHz, QPSK			45.831	48.39
	50MHz, 16QAM			45.780	48.47
	60MHz, BPSK	162/0		57.987	60.89
	60MHz, QPSK			57.920	60.95
	60MHz, 16QAM			57.972	60.93
	70MHz, BPSK	180/0		64.478	67.69
	70MHz, QPSK			64.507	67.72
	70MHz, 16QAM			64.386	67.76
	80MHz, BPSK	216/0		77.229	80.57
	80MHz, QPSK			77.301	80.89
	80MHz, 16QAM			77.264	80.86
	90MHz, BPSK	243/0		86.830	90.48
	90MHz, QPSK			86.852	90.69
	90MHz, 16QAM			86.801	90.73
	100MHz, BPSK	270/0		96.481	100.7
	100MHz, QPSK			96.496	100.9
	100MHz, 16QAM			96.476	100.8
	100MHz, BPSK	1/0		0.598	1.11

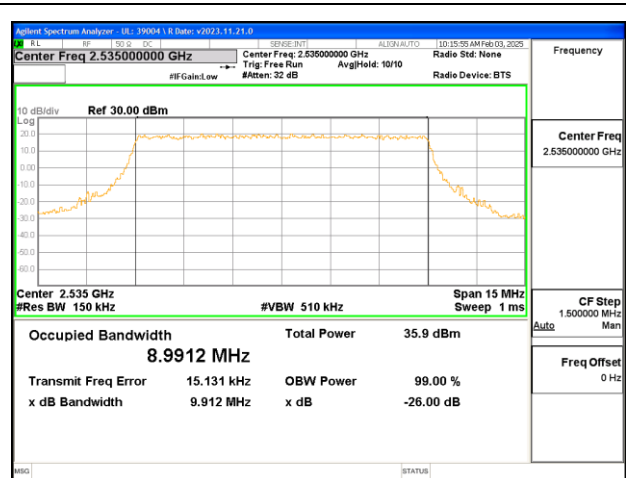
ULCA LTE BAND 41 (IC)

Band	Mode	RB Allocation/RB Offset	f (MHz)	99% BW (MHz)	- 26dB BW (MHz)
ULCA LTE BAND 41 (IC)	5MHz + 20MHz BAND QPSK	25/0 + 100/0	2595	23.452	30.58
	5MHz + 20MHz BAND 16QAM			23.388	29.41
	20MHz + 5MHz BAND QPSK	100/0 + 25/0		23.475	28.55
	20MHz + 5MHz BAND 16QAM			23.394	27.16
	10MHz + 20MHz BAND QPSK	50/0 + 100/0		28.177	34.36
	10MHz + 20MHz BAND 16QAM			28.170	32.97
	20MHz + 10MHz BAND QPSK	100/0 + 50/0		28.262	33.26
	20MHz + 10MHz BAND 16QAM			28.170	33.27
	15MHz + 15MHz BAND QPSK	75/0 + 75/0		28.770	34.74
	15MHz + 15MHz BAND 16QAM			28.738	35.07
	15MHz + 20MHz BAND QPSK	75/0 + 100/0		32.956	37.50
	15MHz + 20MHz BAND 16QAM			32.986	37.99
	20MHz + 15MHz BAND QPSK	100/0 + 75/0		32.992	38.89
	20MHz + 15MHz BAND 16QAM			33.019	38.34
	20MHz + 20MHz BAND QPSK	100/0 + 100/0		37.830	43.89
	20MHz + 20MHz BAND 16QAM			37.852	43.75

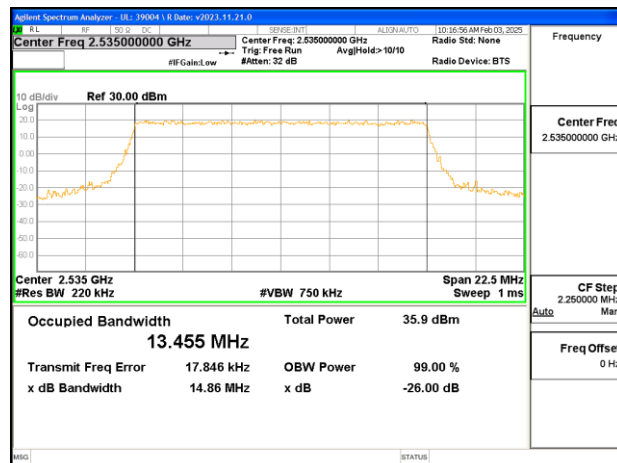
9.1.1. LTE BAND 7



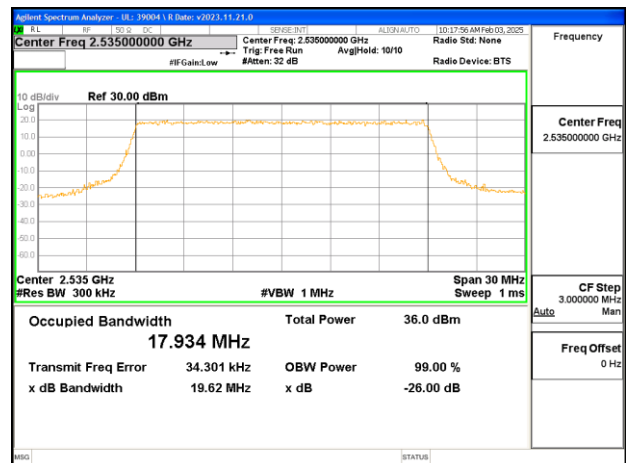
LTE B7 5MHz QPSK Middle Channel RB25-0



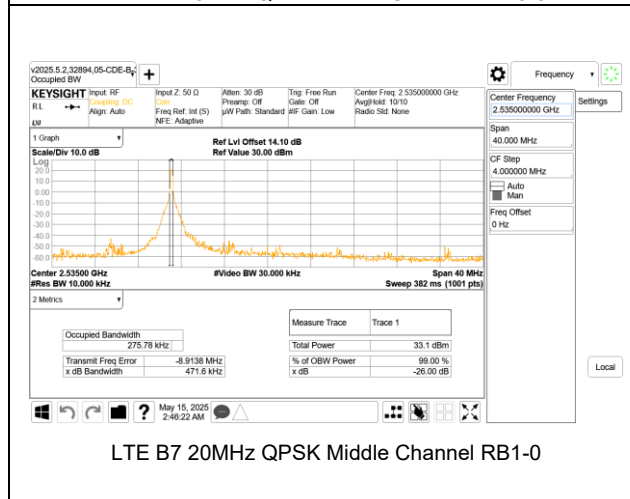
LTE B7 10MHz QPSK Middle Channel RB50-0



LTE B7 15MHz QPSK Middle Channel RB75-0



LTE B7 20MHz QPSK Middle Channel RB100-0

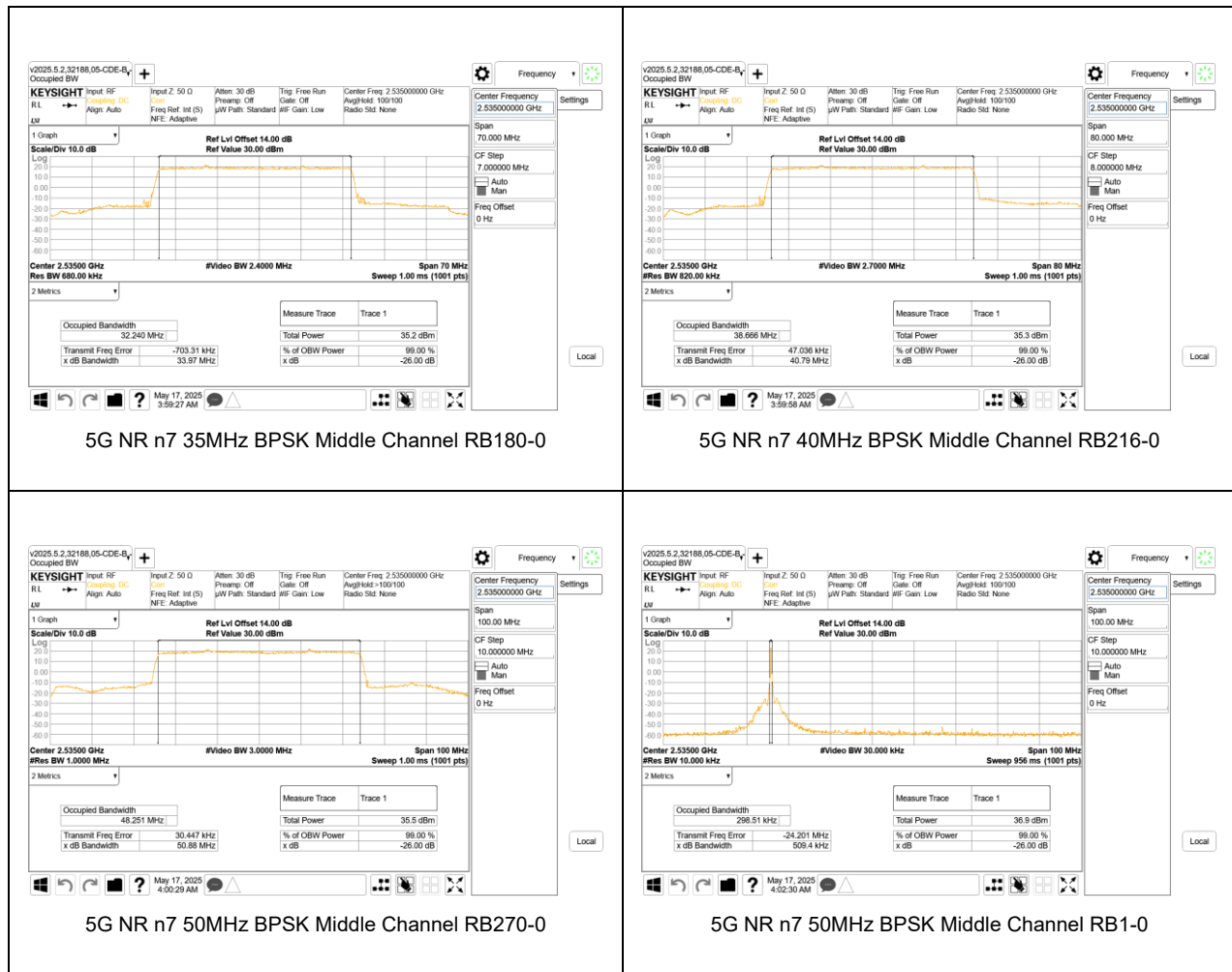


LTE B7 20MHz QPSK Middle Channel RB1-0

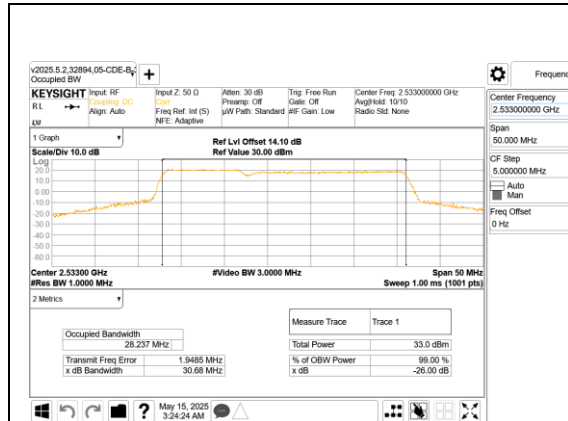
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9.1.2. 5G NR n7

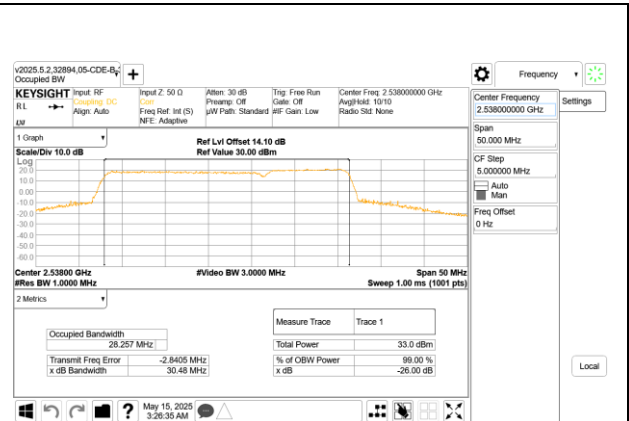




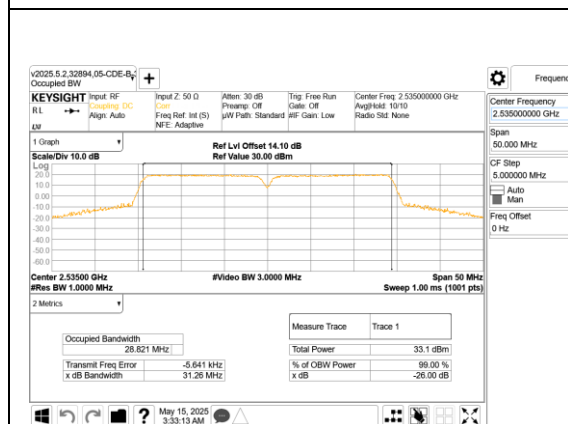
9.1.3. ULCA LTE BAND 7



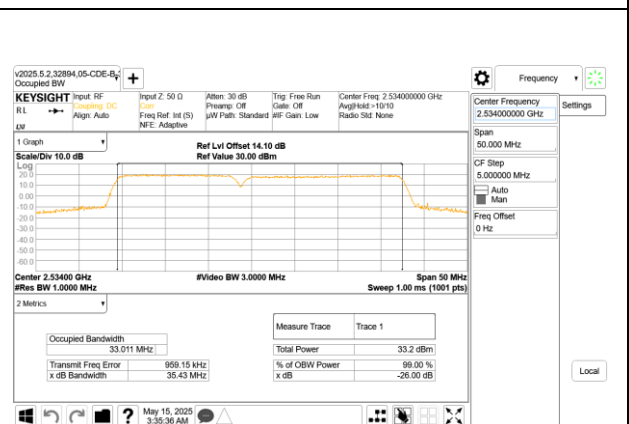
ULCA LTE B7 10MHz + 20MHz QPSK RB50-0 + RB100-0



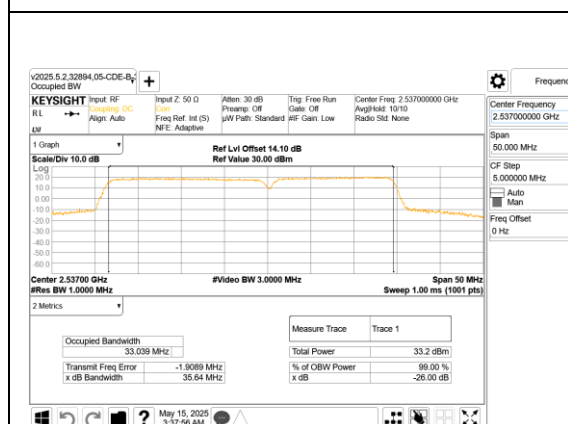
ULCA LTE B7 20MHz + 10MHz QPSK RB100-0 + RB50-0



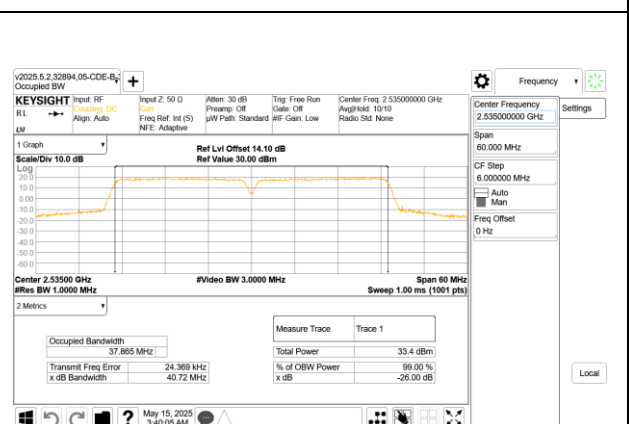
ULCA LTE B7 15MHz + 15MHz QPSK RB75-0 + RB75-0



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



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

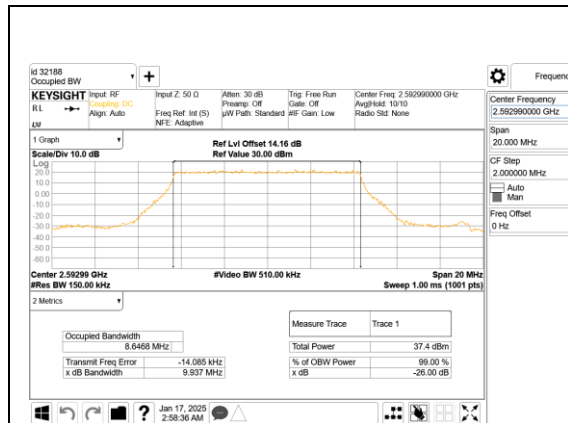


ULCA LTE B7 20MHz + 20MHz QPSK RB100-0 + RB100-0

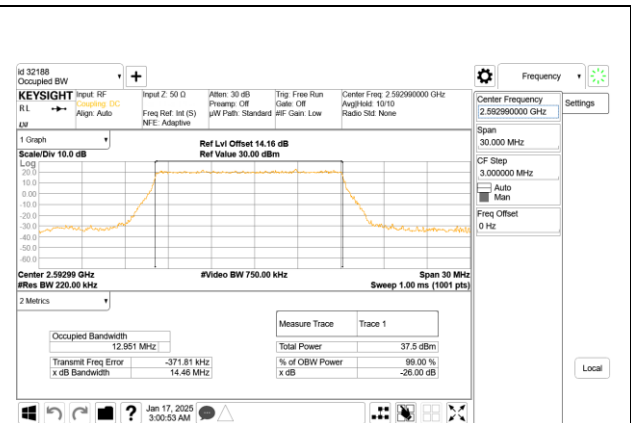
9.1.4. LTE BAND 41 (FCC)



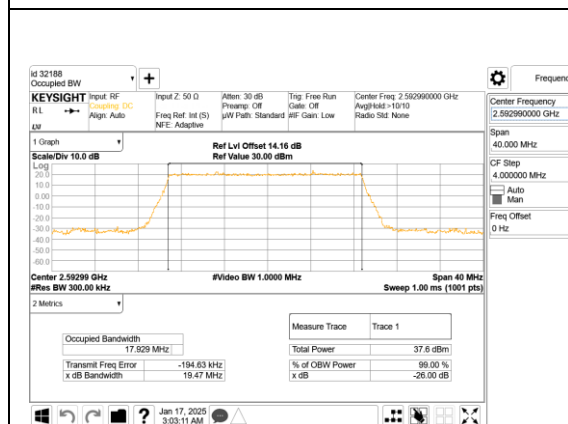
9.1.5. 5G NR n41 (FCC)



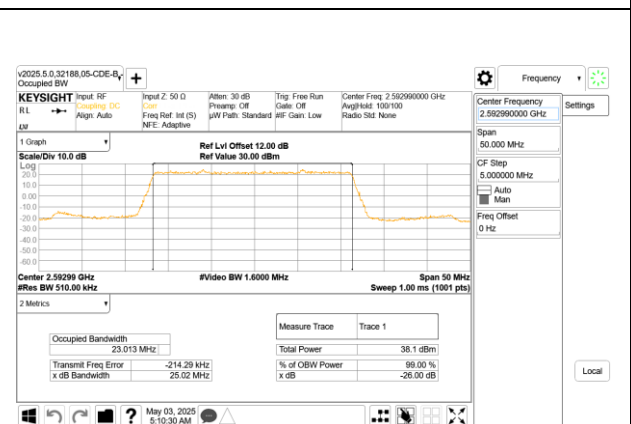
5G NR n41 10MHz BPSK Middle Channel RB24-0



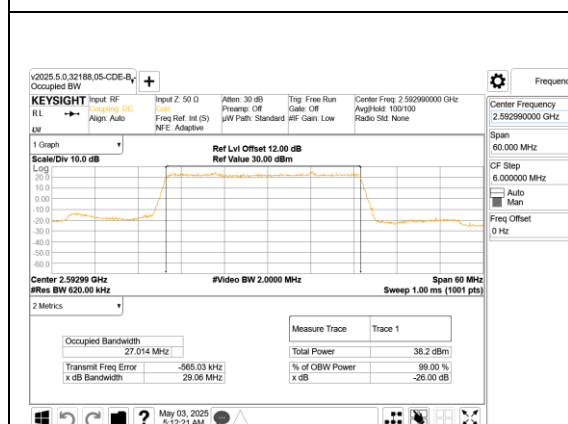
5G NR n41 15MHz BPSK Middle Channel RB36-0



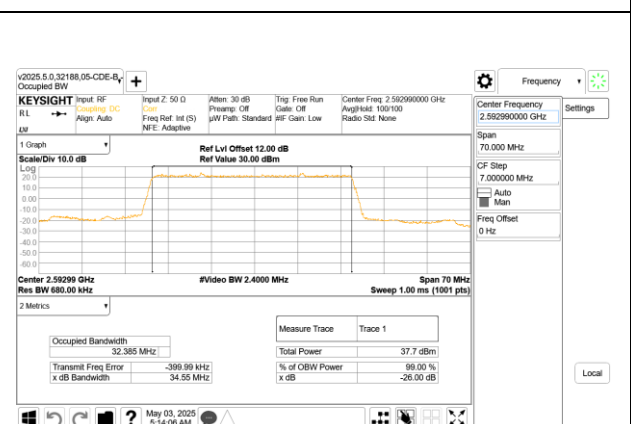
5G NR n41 20MHz BPSK Middle Channel RB50-0



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

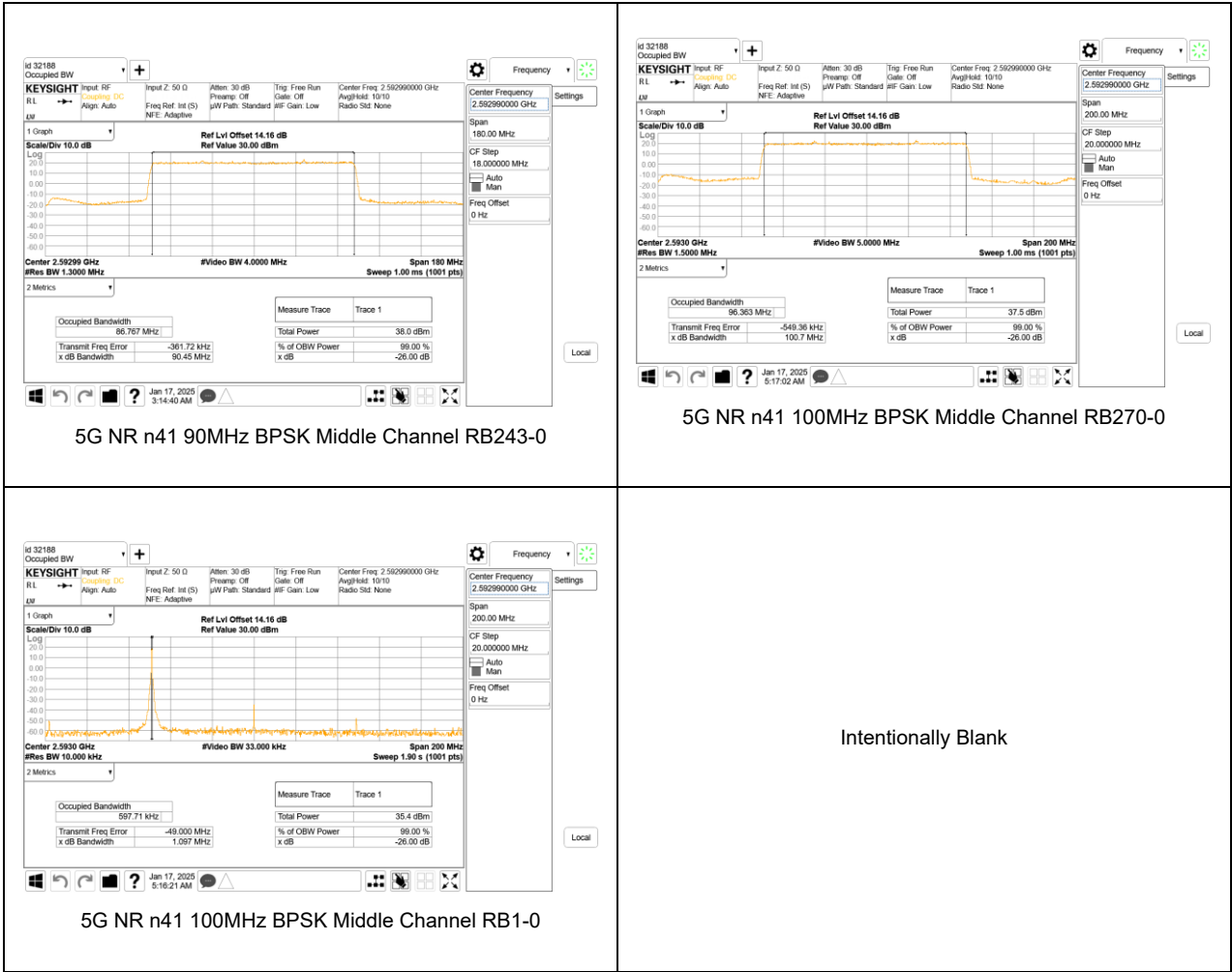


5G NR n41 30MHz BPSK Middle Channel RB75-0



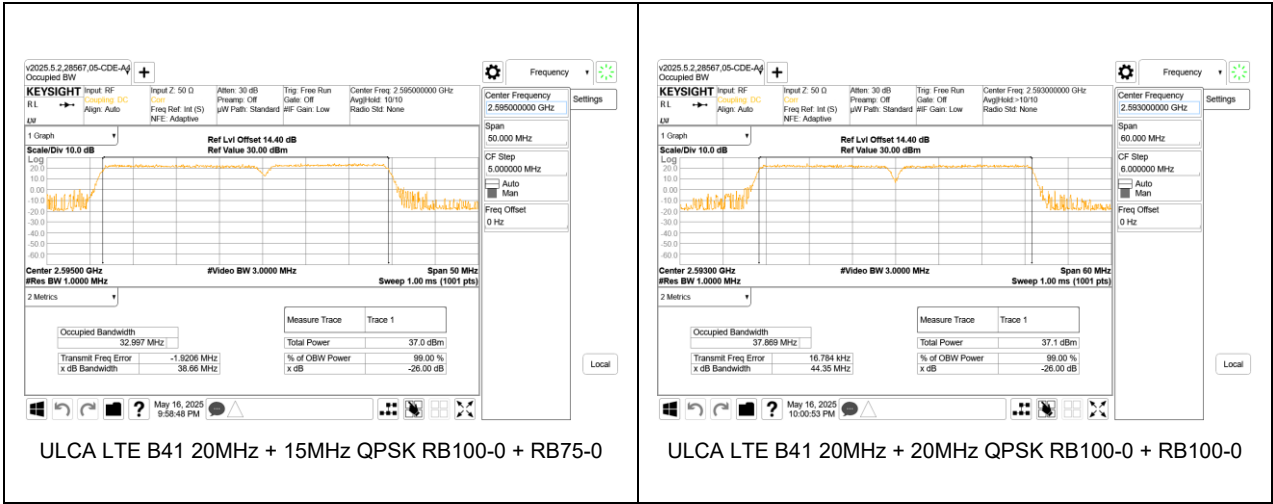
5G NR n41 35MHz BPSK Middle Channel RB90-0



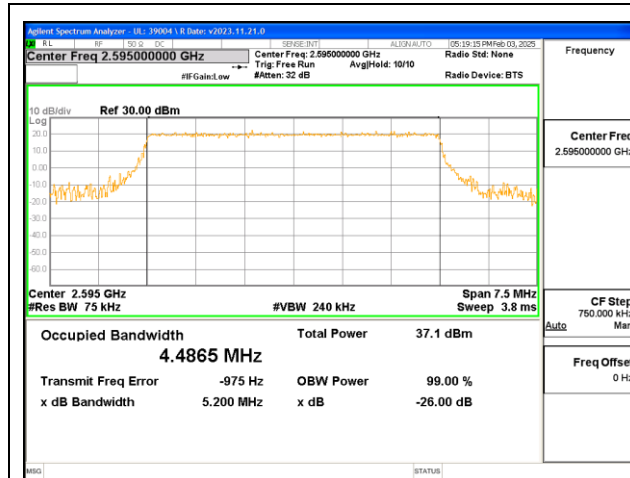


9.1.6. ULCA LTE BAND 41 (FCC)

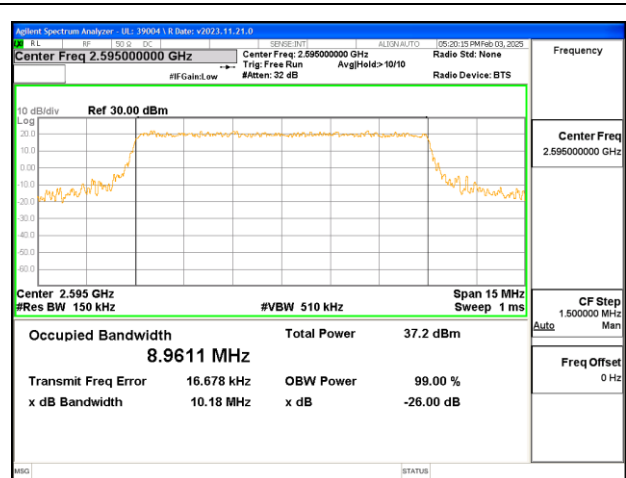




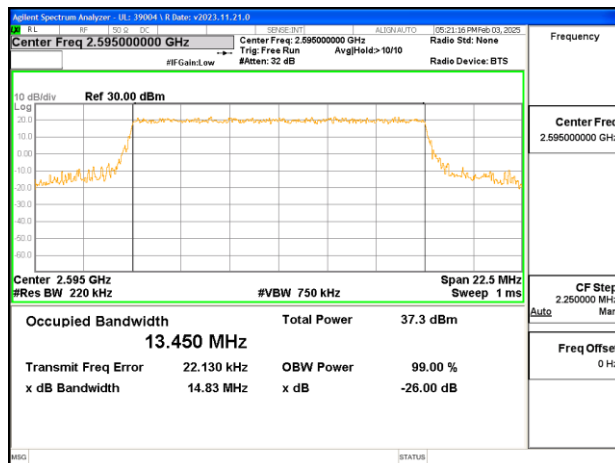
9.1.7. LTE BAND 41 (IC)



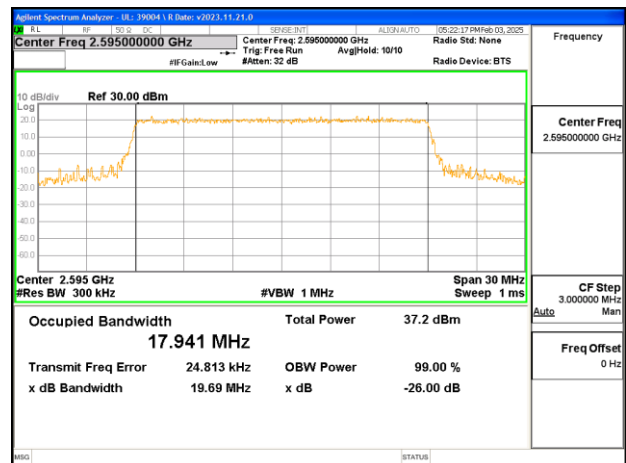
LTE B41 5MHz QPSK Middle Channel RB25-0



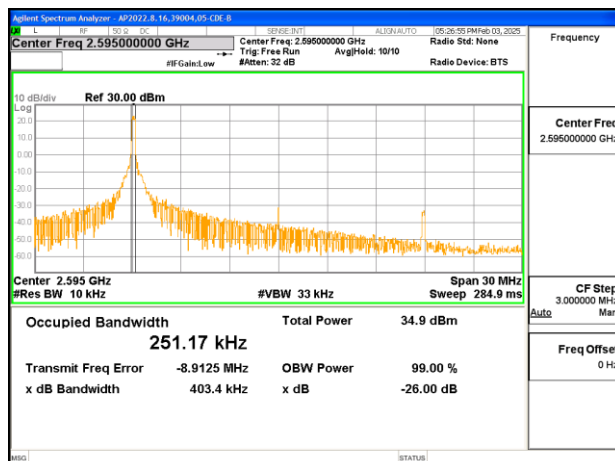
LTE B41 10MHz QPSK Middle Channel RB50-0



LTE B41 15MHz QPSK Middle Channel RB75-0



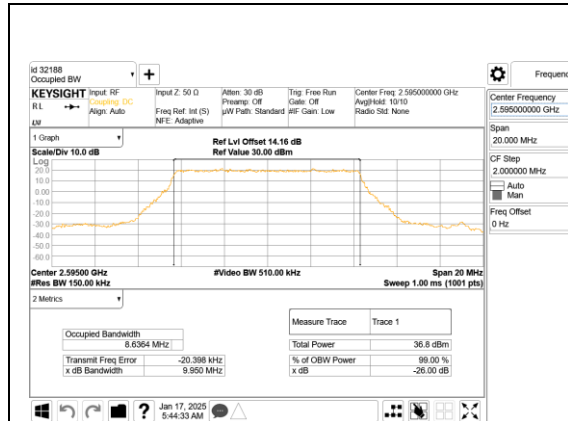
LTE B41 20MHz QPSK Middle Channel RB100-0



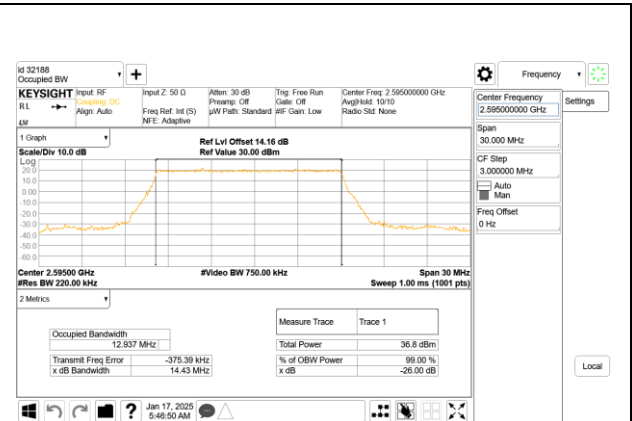
LTE B41 20MHz QPSK Middle Channel RB1-0

Intentionally Blank

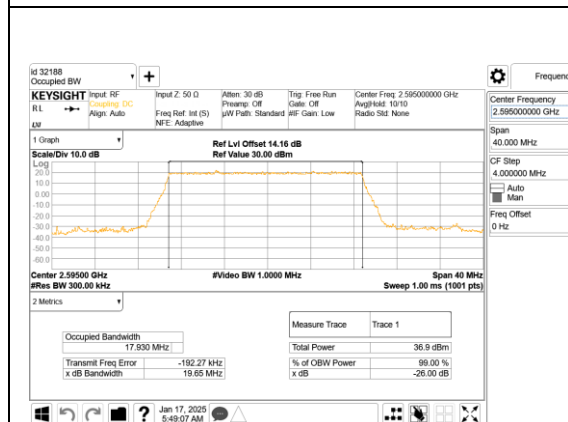
9.1.8. 5G NR n41 (IC)



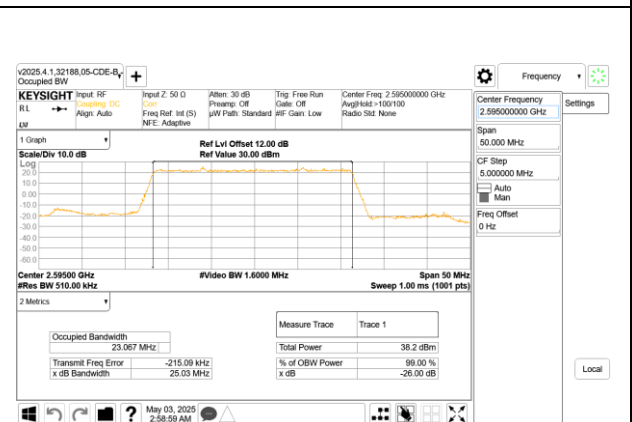
5G NR n41 10MHz BPSK Middle Channel RB24-0



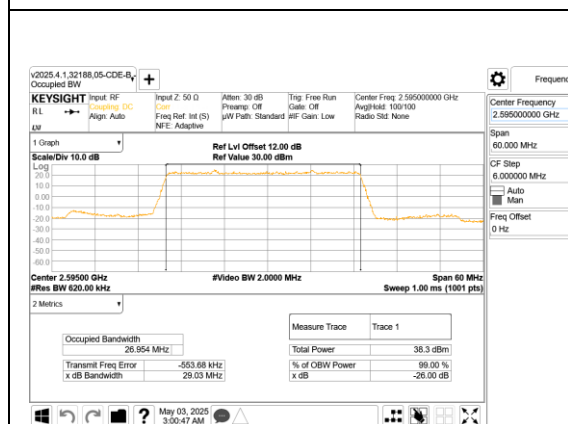
5G NR n41 15MHz BPSK Middle Channel RB36-0



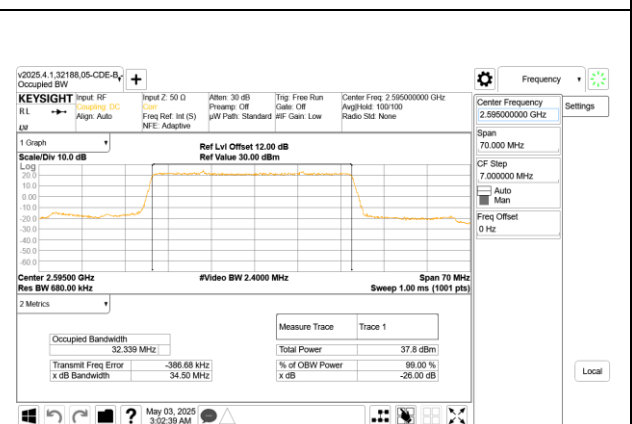
5G NR n41 20MHz BPSK Middle Channel RB50-0



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

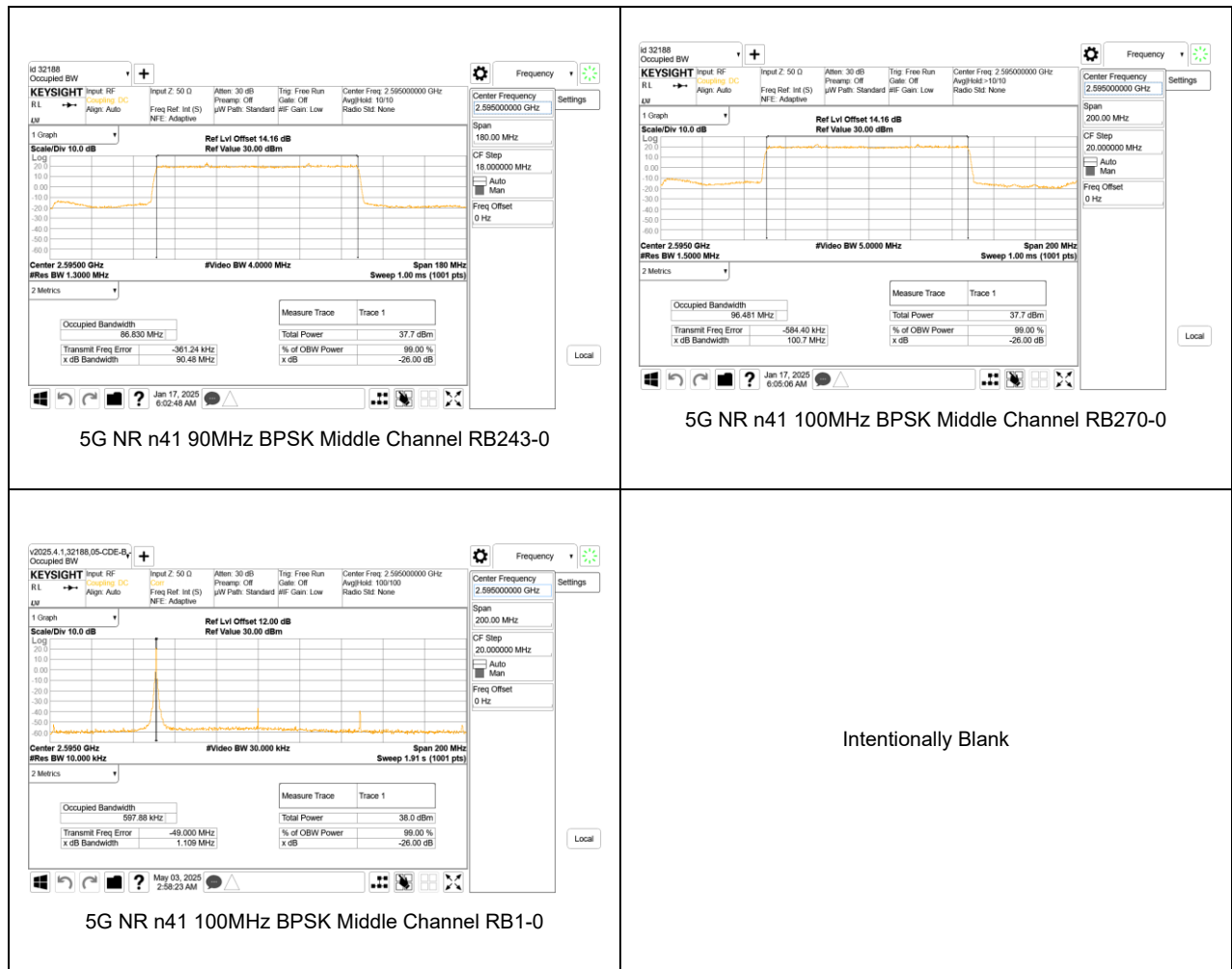


5G NR n41 30MHz BPSK Middle Channel RB75-0

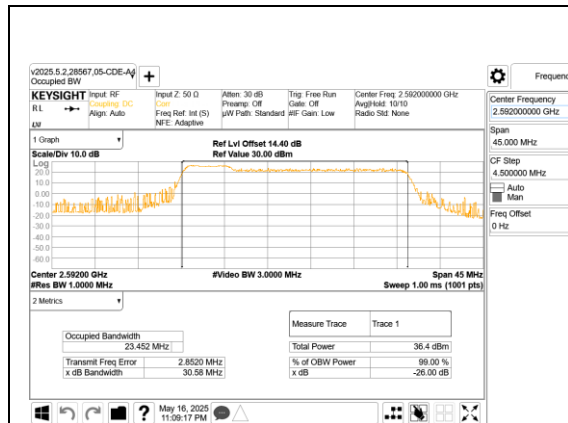


5G NR n41 35MHz BPSK Middle Channel RB90-0

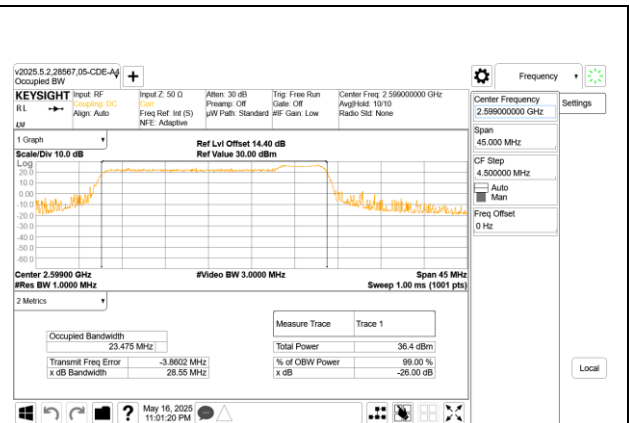




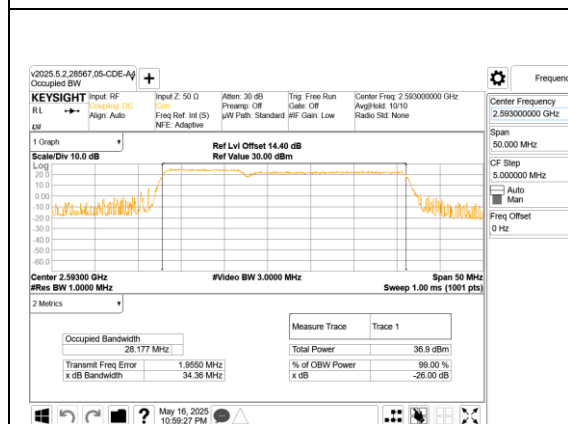
9.1.9. ULCA LTE BAND 41 (IC)



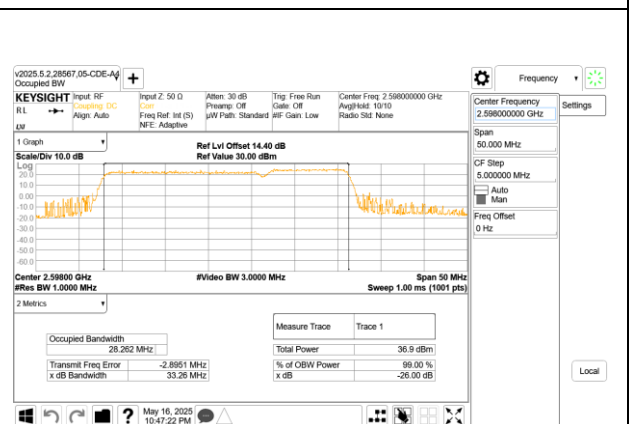
ULCA LTE B41 5MHz + 20MHz QPSK RB25-0 + RB100-0



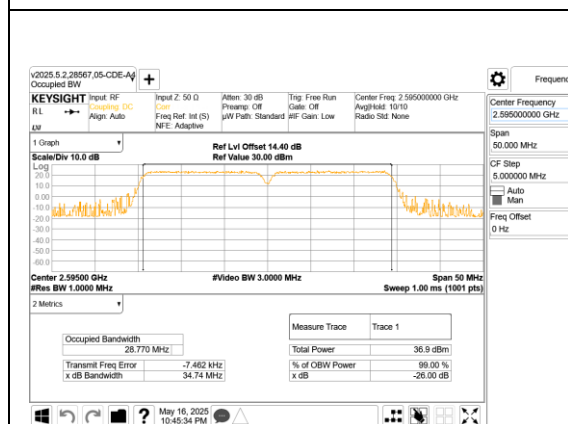
ULCA LTE B41 20MHz + 5MHz QPSK RB100-0 + RB25-0



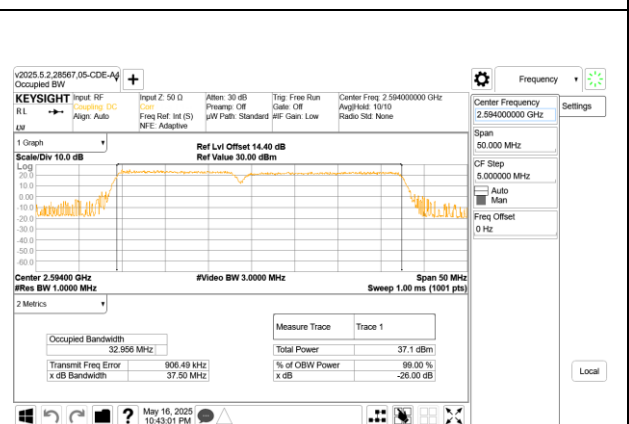
ULCA LTE B41 10MHz + 20MHz QPSK RB50-0 + RB100-0



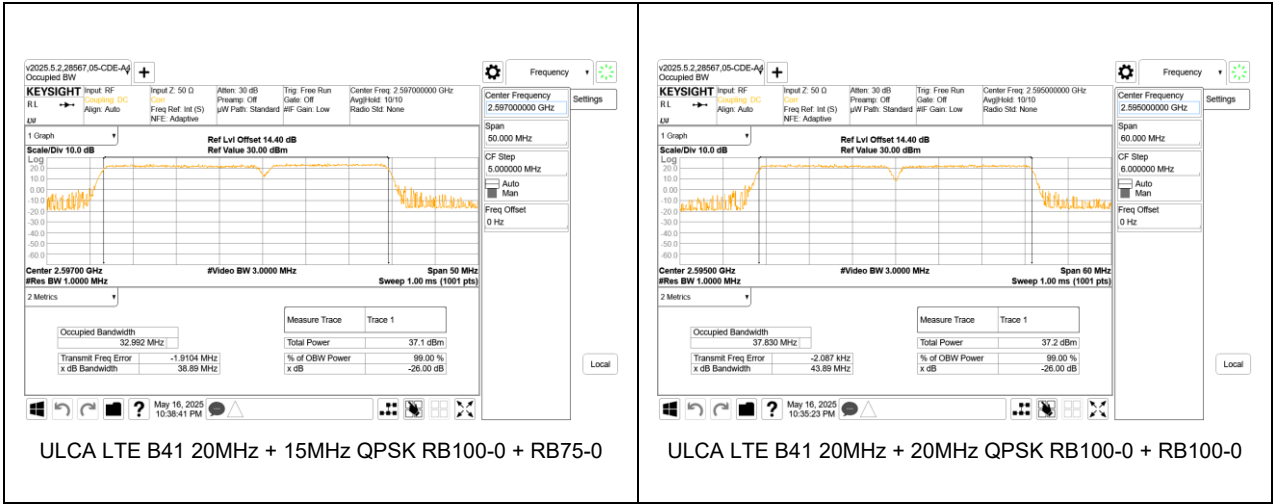
ULCA LTE B41 20MHz + 10MHz QPSK RB100-0 + RB50-0



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 and trace 2). 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. Trace 3 is compared to the in-band or out of band limit as applicable.

RESULTS