

TEST REPORT

Report Number: 15496282-E29V4

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

Model : A3260

Brand : APPLE

FCC ID : BCG-E8948A

FCC ID : 579C-E8948A

EUT Description : SMARTPHONE

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

Date Of Issue:
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Revision History

Rev.	Issue Date	Revisions	Revised By
V1	2025-07-03	Initial Review	--
V2	2025-08-09	Addressed TCB questions and updated section 6.4 & 6.5	Binod Sitaula
V3	2025-08-20	Addressed TCB questions and updated section 10.1.1, 10.1.2, 10.1.3, 10.1.4, 10.1.5, 10.1.6, 10.1.7, 10.1.8, 10.1.9	Michael Vang
V4	2025-08-22	Updated Section 10	Eric Ting

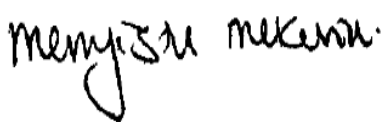
TABLE OF CONTENTS

1. ATTESTATION OF TEST RESULTS	6
2. SUMMARY OF TEST RESULTS	7
3. TEST METHODOLOGY	8
4. FACILITIES AND ACCREDITATION	8
5. DECISION RULES AND MEASUREMENT UNCERTAINTY	9
5.1. METROLOGICAL TRACEABILITY	9
5.2. DECISION RULES	9
5.3. MEASUREMENT UNCERTAINTY	9
5.4. SAMPLE CALCULATION.....	9
6. EQUIPMENT UNDER TEST	10
6.1. DESCRIPTION OF EUT	10
6.2. MAXIMUM OUTPUT POWER.....	10
6.3. SOFTWARE AND FIRMWARE	17
6.4. MAXIMUM ANTENNA GAIN AND MAXIMUM ALLOWED OUTPUT POWER	17
6.5. WORST-CASE CONFIGURATION AND MODE	18
6.6. DESCRIPTION OF TEST SETUP.....	19
7. TEST AND MEASUREMENT EQUIPMENT	20
8. RF OUTPUT POWER VERIFICATION	21
8.1. LTE BAND 7	22
8.2. 5G NR n7	24
8.3. ULCA LTE BAND 7	29
8.4. LTE BAND 41 (FCC)	30
8.5. 5G NR n41 (FCC).....	32
8.6. ULCA LTE BAND 41 (FCC)	40
8.7. LTE BAND 41 (IC).....	42
8.8. 5G NR n41 (IC)	44
8.9. ULCA LTE BAND 41 (IC)	51
9. CONDUCTED TEST RESULTS.....	53
9.1. OCCUPIED BANDWIDTH.....	53
9.1.1. LTE BAND 7	60

9.1.2.	5G NR n7	61
9.1.3.	ULCA LTE BAND 7	63
9.1.4.	LTE BAND 41 (FCC).....	64
9.1.5.	5G NR n41 (FCC)	65
9.1.6.	ULCA LTE BAND 41 (FCC)	68
9.1.7.	LTE BAND 41 (IC).....	70
9.1.8.	5G NR n41 (IC)	71
9.1.9.	ULCA LTE BAND 41 (IC).....	74
9.2.	EMISSION MASK AND ADJACENT CHANNEL POWER	76
9.2.1.	LTE BAND 7	78
9.2.2.	5G NR n7	84
9.2.3.	ULCA LTE BAND 7	98
9.2.4.	LTE BAND 41 (FCC).....	100
9.2.5.	5G NR n41 (FCC)	106
9.2.6.	ULCA LTE BAND 41 (FCC)	127
9.2.7.	LTE BAND 41 (IC).....	129
9.2.8.	5G NR n41 (IC)	135
9.2.9.	ULCA LTE BAND 41 (IC).....	156
9.3.	OUT OF BAND EMISSIONS	158
9.3.1.	LTE BAND 7	159
9.3.2.	5G NR n7	160
9.3.3.	ULCA LTE BAND 7	161
9.3.4.	LTE BAND 41 (FCC).....	162
9.3.5.	5G NR n41 (FCC)	163
9.3.6.	ULCA LTE BAND 41 (FCC)	164
9.3.7.	LTE BAND 41 (IC).....	165
9.3.8.	5G NR n41 (IC)	166
9.3.9.	ULCA LTE BAND 41 (IC).....	167
9.4.	FREQUENCY STABILITY	168
9.4.1.	LTE BAND 7 (QPSK 20MHz BANDWIDTH)	169
9.4.2.	5G NR n7 (BPSK 50MHz BANDWIDTH)	169
9.4.3.	ULCA LTE BAND 7 (QPSK 20MHz + 20MHz BANDWIDTH)	170
9.4.4.	LTE B41 (QPSK 20MHz BANDWIDTH, FCC)	170
9.4.5.	5G NR n41 (BPSK 100MHz BANDWIDTH, FCC).....	171

9.4.6.	ULCA LTE BAND 41 (QPSK 20MHz + 20MHz BANDWIDTH, FCC).....	171
9.4.7.	LTE B41 (QPSK 20MHz BANDWIDTH, IC)	172
9.4.8.	5G NR n41 (BPSK 100MHz BANDWIDTH, IC)	172
9.4.9.	ULCA LTE BAND 41 (QPSK 20MHz + 20MHz BANDWIDTH, IC)	173
9.5.	PEAK-TO-AVERAGE POWER RATIO	174
9.5.1.	LTE BAND 7.....	175
9.5.2.	5G NR n7	175
9.5.3.	ULCA LTE BAND 7	176
9.5.4.	LTE BAND 41 (FCC).....	176
9.5.5.	5G NR n41 (FCC)	177
9.5.6.	ULCA LTE BAND 41 (FCC)	178
9.5.7.	LTE BAND 41 (IC).....	178
9.5.8.	5G NR n41 (IC)	179
9.5.9.	ULCA LTE BAND 41 (IC).....	180
10.	RADIATED TEST RESULTS	181
10.1.	FIELD STRENGTH OF SPURIOUS RADIATION, ABOVE 1GHz.....	185
10.1.1.	LTE BAND 7	186
10.1.2.	5G NR n7.....	190
10.1.3.	ULCA LTE BAND 7	194
10.1.4.	LTE BAND 41 (FCC)	198
10.1.5.	5G NR n41 (FCC).....	202
10.1.6.	ULCA LTE BAND 41 (FCC).....	206
10.1.7.	LTE BAND 41 (IC)	210
10.1.8.	5G NR n41 (IC).....	214
10.1.9.	ULCA LTE BAND 41 (IC)	218
11.	SETUP PHOTOS.....	222

1. ATTESTATION OF TEST RESULTS

Applicant Name and Address	APPLE, INC 1 APPLE PARK WAY CUPERTINO, CA 95014, U.S.A.	
Model	A3260	
Brand	APPLE	
FCC ID	BCG-E8948A	
IC	579C-E8948A	
EUT Description	SMARTPHONE	
Serial Number	RADIATED: MCF6WD23L5, FN7Q7DTPXJ, WG3N7QFT9G CONDUCTED: C07HF9000GC0000YGG, C07HGJ001620000YGG, C07HF9000KW0000YGG	
Sample Receipt Date	2025-02-14	
Date Tested	2025-02-17 to 2025-06-23	
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.	Tewodros Woldemichael Laboratory Engineer UL Verification Services Inc.	Matthew Wu Laboratory Engineer UL Verification Services Inc.

2. SUMMARY OF TEST RESULTS

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

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

1. Antenna gain (see section 6.4)

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

3. TEST METHODOLOGY

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

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

4. FACILITIES AND ACCREDITATION

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

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

5. DECISION RULES AND MEASUREMENT UNCERTAINTY

5.1. METROLOGICAL TRACEABILITY

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

5.2. DECISION RULES

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

5.3. MEASUREMENT UNCERTAINTY

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

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

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

5.4. SAMPLE CALCULATION

RADIATED EMISSIONS

Where relevant, the following sample calculation is provided:

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

6. EQUIPMENT UNDER TEST

6.1. DESCRIPTION OF EUT

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

6.2. MAXIMUM OUTPUT POWER

EIRP/ERP TEST PROCEDURE

ANSI C63.26:2015
KDB 971168 D01 Section 5.6

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

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

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

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

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

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

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

LTE BAND 7

Part 27 / RSS 199									
EIRP Limit (W)		2.00							
Antenna Gain (dBi) (Ant 2)		-0.50							
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	2567.5	25.70	25.20	0.331	4.508	4508	4M51G7W
	16QAM			24.78	24.28	0.268	4.500	4500	4M50D7W
10.0	QPSK	2505.0	2565.0	25.70	25.20	0.331	8.993	8993	8M99G7W
	16QAM			24.86	24.36	0.273	9.000	9000	9M00D7W
15.0	QPSK	2507.5	2562.5	25.70	25.20	0.331	13.464	13464	13M5G7W
	16QAM			24.76	24.26	0.267	13.460	13460	13M5D7W
20.0	QPSK	2510.0	2560.0	25.70	25.20	0.331	17.897	17897	17M9G7W
	16QAM			24.74	24.24	0.265	17.940	17940	17M9D7W

5G NR n7

Part 27/ RSS199									
EIRP Limit (W)		2.00							
Antenna Gain (dBi) (Ant 2)		-0.50							
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	BPSK	2502.5	2567.5	25.65	25.15	0.327	4.500	4500	4M50G7W
	QPSK			25.70	25.20	0.331	4.478	4478	4M48G7W
	16QAM			25.02	24.52	0.283	4.493	4493	4M49D7W
10.0	BPSK	2505.0	2565.0	25.70	25.20	0.331	8.979	8979	8M98G7W
	QPSK			25.70	25.20	0.331	8.972	8972	8M97G7W
	16QAM			25.01	24.51	0.282	8.989	8989	8M99D7W
15.0	BPSK	2507.5	2562.5	25.67	25.17	0.329	13.485	13485	13M5G7W
	QPSK			25.70	25.20	0.331	13.436	13436	13M4G7W
	16QAM			24.96	24.46	0.279	13.486	13486	13M5D7W
20.0	BPSK	2510.0	2560.0	25.70	25.20	0.331	17.942	17942	17M9G7W
	QPSK			25.65	25.15	0.327	17.898	17898	17M9G7W
	16QAM			24.94	24.44	0.278	17.945	17945	17M9D7W
25.0	BPSK	2512.5	2557.5	25.67	25.17	0.329	22.932	22932	22M9G7W
	QPSK			25.70	25.20	0.331	22.857	22857	22M9G7W
	16QAM			24.97	24.47	0.280	22.966	22966	23M0D7W
30.0	BPSK	2515.0	2555.0	25.67	25.17	0.329	28.729	28729	28M7G7W
	QPSK			25.70	25.20	0.331	28.606	28606	28M6G7W
	16QAM			25.03	24.53	0.284	28.752	28752	28M8D7W
35.0	BPSK	2517.5	2552.5	25.67	25.17	0.329	32.316	32316	32M3G7W
	QPSK			25.70	25.20	0.331	32.168	32168	32M2G7W
	16QAM			25.08	24.58	0.287	32.274	32274	32M3D7W
40.0	BPSK	2520.0	2550.0	25.70	25.20	0.331	38.761	38761	38M8G7W
	QPSK			25.70	25.20	0.331	38.703	38703	38M7G7W
	16QAM			25.02	24.52	0.283	38.752	38752	38M8D7W
50.0	BPSK	2525.0	2545.0	25.60	25.10	0.324	48.318	48318	48M3G7W
	QPSK			25.70	25.20	0.331	48.240	48240	48M2G7W
	16QAM			25.03	24.53	0.284	48.317	48317	48M3D7W

ULCA LTE BAND 7

Part 27 / RSS 199									
EIRP Limit (W)		2.00							
Antenna Gain (dBi) (Ant2)		-0.50							
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+20	QPSK	2505.5	2560.0	25.38	24.88	0.308	27.920	27920	27M9G7W
	16QAM			24.41	23.91	0.246	27.924	27924	27M9D7W
20+10	QPSK	2510.0	2564.5	25.46	24.96	0.313	27.910	27910	27M9G7W
	16QAM			24.42	23.92	0.247	27.936	27936	27M9D7W
15+15	QPSK	2507.5	2562.5	25.50	25.00	0.316	28.544	28544	28M5G7W
	16QAM			24.50	24.00	0.251	28.517	28517	28M5D7W
15+20	QPSK	2507.8	2560.0	25.47	24.97	0.314	32.730	32730	32M7G7W
	16QAM			24.38	23.88	0.244	32.747	32747	32M7D7W
20+15	QPSK	2510.0	2562.2	25.40	24.90	0.309	32.742	32742	32M7G7W
	16QAM			24.37	23.87	0.244	32.781	32781	32M8D7W
20+20	QPSK	2510.0	2560.0	25.36	24.86	0.306	37.573	37573	37M6G7W
	16QAM			24.28	23.78	0.239	37.557	37557	37M6D7W

LTE BAND 41 (FCC)

Part 27									
EIRP Limit (W)		2.00							
Antenna Gain (dBi) (Ant2)		-0.60							
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (MHz)	99% BW (kHz)	Emission Designator
5.0	QPSK	2498.5	2687.5	28.70	28.10	0.646	4.499	4499	4M50G7W
	16QAM			27.70	27.10	0.513	4.499	4499	4M50D7W
10.0	QPSK	2501.0	2685.0	28.70	28.10	0.646	8.998	8998	9M00G7W
	16QAM			27.70	27.10	0.513	8.966	8966	8M97D7W
15.0	QPSK	2503.5	2682.5	28.70	28.10	0.646	13.430	13430	13M4G7W
	16QAM			27.66	27.06	0.508	13.466	13466	13M5D7W
20.0	QPSK	2506.0	2680.0	28.70	28.10	0.646	17.894	17894	17M9G7W
	16QAM			27.70	27.10	0.513	17.901	17901	17M9D7W

5G NR n41 (FCC)

Part 27									
EIRP Limit (W)		2.00							
Antenna Gain (dBi) (Ant 2)		-0.60							
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (MHz)	99% BW (kHz)	Emission Designator
10.0	BPSK	2501.0	2685.0	28.70	28.10	0.646	8.652	8652	8M65G7W
	QPSK			28.68	28.08	0.643	8.594	8594	8M59G7W
	16QAM			27.68	27.08	0.511	8.584	8584	8M58D7W
15.0	BPSK	2503.5	2682.5	28.70	28.10	0.646	12.913	12913	12M9G7W
	QPSK			28.65	28.05	0.638	12.933	12933	12M9G7W
	16QAM			27.77	27.17	0.521	12.926	12926	12M9D7W
20.0	BPSK	2506.0	2680.0	28.70	28.10	0.646	17.916	17916	17M9G7W
	QPSK			28.62	28.02	0.634	17.924	17924	17M9G7W
	16QAM			27.65	27.05	0.507	17.950	17950	18M0D7W
25.0	BPSK	2508.5	2677.5	28.70	28.10	0.646	22.944	22944	22M9G7W
	QPSK			28.69	28.09	0.644	22.946	22946	22M9G7W
	16QAM			27.72	27.12	0.515	22.934	22934	22M9D7W
30.0	BPSK	2511.0	2675.0	28.70	28.10	0.646	26.886	26886	26M9G7W
	QPSK			28.65	28.05	0.638	26.885	26885	26M9G7W
	16QAM			27.77	27.17	0.521	26.919	26919	26M9D7W
35.0	BPSK	2513.5	2672.5	28.70	28.10	0.646	32.312	32312	32M3G7W
	QPSK			28.68	28.08	0.643	32.224	32224	32M2G7W
	16QAM			27.70	27.10	0.513	32.302	32302	32M3D7W
40.0	BPSK	2516.0	2670.0	28.70	28.10	0.646	35.793	35793	35M8G7W
	QPSK			28.68	28.08	0.643	35.803	35803	35M8G7W
	16QAM			27.68	27.08	0.511	35.862	35862	35M9D7W
45.0	BPSK	2518.5	2667.5	28.70	28.10	0.646	38.654	38654	38M7G7W
	QPSK			28.65	28.05	0.638	38.687	38687	38M7G7W
	16QAM			27.69	27.09	0.512	38.677	38677	38M7D7W
50.0	BPSK	2521.0	2665.0	28.70	28.10	0.646	45.781	45781	45M8G7W
	QPSK			28.63	28.03	0.635	45.660	45660	45M7G7W
	16QAM			27.70	27.10	0.513	45.905	45905	45M9D7W
60.0	BPSK	2526.0	2660.0	28.70	28.10	0.646	57.982	57982	58M0G7W
	QPSK			28.65	28.05	0.638	57.872	57872	57M9G7W
	16QAM			27.67	27.07	0.509	58.124	58124	58M1D7W
70.0	BPSK	2531.0	2655.0	28.70	28.10	0.646	64.479	64479	64M5G7W
	QPSK			28.61	28.01	0.632	64.314	64314	64M3G7W
	16QAM			27.63	27.03	0.505	64.426	64426	64M4D7W
80.0	BPSK	2536.0	2650.0	28.70	28.10	0.646	77.348	77348	77M3G7W
	QPSK			28.66	28.06	0.640	77.367	77367	77M4G7W
	16QAM			27.69	27.09	0.512	77.193	77193	77M2D7W
90.0	BPSK	2541.0	2645.0	28.70	28.10	0.646	86.957	86957	87M0G7W
	QPSK			28.64	28.04	0.637	86.790	86790	86M8G7W
	16QAM			27.75	27.15	0.519	87.119	87119	87M1D7W
100.0	BPSK	2546.0	2640.0	28.69	28.09	0.644	96.477	96477	96M5G7W
	QPSK			28.61	28.01	0.632	96.457	96457	96M5G7W
	16QAM			27.60	27.00	0.501	96.682	96682	96M7D7W

ULCA LTE BAND 41 (FCC)

Part 27									
EIRP Limit (W)		2.00							
Antenna Gain (dBi) (Ant 2)		-0.60							
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (MHz)	99% BW (kHz)	Emission Designator
5+20	QPSK	2499.3	2680.0	28.70	28.10	0.646	23.159	23159	23M2G7W
	16QAM			26.94	26.34	0.431	23.126	23126	23M1D7W
20+5	QPSK	2506.0	2686.7	28.63	28.03	0.635	23.161	23161	23M2G7W
	16QAM			26.85	26.25	0.422	23.144	23144	23M1D7W
10+20	QPSK	2501.5	2680.0	28.64	28.04	0.637	27.939	27939	27M9G7W
	16QAM			26.93	26.33	0.430	27.904	27904	27M9D7W
20+10	QPSK	2506.0	2684.5	28.64	28.04	0.637	27.925	27925	27M9G7W
	16QAM			26.98	26.38	0.435	27.947	27947	27M9D7W
15+15	QPSK	2503.5	2682.5	28.70	28.10	0.646	28.516	28516	28M5G7W
	16QAM			27.11	26.51	0.448	28.569	28569	28M6D7W
15+20	QPSK	2503.8	2680.0	28.69	28.09	0.644	32.790	32790	32M8G7W
	16QAM			27.16	26.56	0.453	32.719	32719	32M7D7W
20+15	QPSK	2506.0	2682.2	28.70	28.10	0.646	32.770	32770	32M8G7W
	16QAM			27.14	26.54	0.451	32.828	32828	32M8D7W
20+20	QPSK	2506.0	2680.0	28.68	28.08	0.643	37.619	37619	37M6G7W
	16QAM			27.20	26.60	0.457	37.604	37604	37M6D7W

LTE BAND 41 (IC)

RSS 199									
EIRP Limit (W)		2.00							
Antenna Gain (dBi) (Ant 2)		-0.60							
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (MHz)	99% BW (kHz)	Emission Designator
5.0	QPSK	2502.5	2687.5	28.70	28.10	0.646	4.493	4493	4M49G7W
	16QAM			27.70	27.10	0.513	4.497	4497	4M50D7W
10.0	QPSK	2505.0	2685.0	28.70	28.10	0.646	8.964	8964	8M96G7W
	16QAM			27.70	27.10	0.513	8.962	8962	8M96D7W
15.0	QPSK	2507.5	2682.5	28.70	28.10	0.646	13.444	13444	13M4G7W
	16QAM			27.57	26.97	0.498	13.442	13442	13M4D7W
20.0	QPSK	2510.0	2680.0	28.70	28.10	0.646	17.900	17900	17M9G7W
	16QAM			27.70	27.10	0.513	17.852	17852	17M9D7W

5G NR n41 (IC)

RSS 199									
EIRP Limit (W)		2.00							
Antenna Gain (dBi) (Ant 2)		-0.60							
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (MHz)	99% BW (kHz)	Emission Designator
10.0	BPSK	2505.0	2685.0	28.70	28.10	0.646	8.600	8600	8M60G7W
	QPSK			28.65	28.05	0.638	8.581	8581	8M58G7W
	16QAM			27.63	27.03	0.505	8.617	8617	8M62D7W
15.0	BPSK	2507.5	2682.5	28.69	28.09	0.644	12.912	12912	12M9G7W
	QPSK			28.63	28.03	0.635	12.887	12887	12M9G7W
	16QAM			27.70	27.10	0.513	12.941	12941	12M9D7W
20.0	BPSK	2510.0	2680.0	28.70	28.10	0.646	17.935	17935	17M9G7W
	QPSK			28.61	28.01	0.632	17.930	17930	17M9G7W
	16QAM			27.70	27.10	0.513	17.967	17967	18M0D7W
25.0	BPSK	2512.5	2677.5	28.70	28.10	0.646	22.923	22923	22M9G7W
	QPSK			28.66	28.06	0.640	22.917	22917	22M9G7W
	16QAM			27.70	27.10	0.513	22.929	22929	22M9D7W
30.0	BPSK	2515.0	2675.0	28.70	28.10	0.646	26.903	26903	26M9G7W
	QPSK			28.63	28.03	0.635	26.927	26927	26M9G7W
	16QAM			27.70	27.10	0.513	26.910	26910	26M9D7W
35.0	BPSK	2517.5	2672.5	28.70	28.10	0.646	32.217	32217	32M2G7W
	QPSK			28.68	28.08	0.643	32.185	32185	32M2G7W
	16QAM			27.70	27.10	0.513	32.252	32252	32M3D7W
40.0	BPSK	2520.0	2670.0	28.70	28.10	0.646	35.772	35772	35M8G7W
	QPSK			28.61	28.01	0.632	35.775	35775	35M8G7W
	16QAM			27.60	27.00	0.501	35.868	35868	35M9D7W
45.0	BPSK	2522.5	2667.5	28.70	28.10	0.646	38.704	38704	38M7G7W
	QPSK			28.59	27.99	0.630	38.670	38670	38M7G7W
	16QAM			27.70	27.10	0.513	38.651	38651	38M7D7W
50.0	BPSK	2525.0	2665.0	28.70	28.10	0.646	45.772	45772	45M8G7W
	QPSK			28.62	28.02	0.634	45.730	45730	45M7G7W
	16QAM			27.70	27.10	0.513	45.866	45866	45M9D7W
60.0	BPSK	2530.0	2660.0	28.70	28.10	0.646	57.966	57966	58M0G7W
	QPSK			28.66	28.06	0.640	57.881	57881	57M9G7W
	16QAM			27.70	27.10	0.513	58.052	58052	58M1D7W
70.0	BPSK	2535.0	2655.0	28.70	28.10	0.646	64.377	64377	64M4G7W
	QPSK			28.65	28.05	0.638	64.218	64218	64M2G7W
	16QAM			27.70	27.10	0.513	64.512	64512	64M5D7W
80.0	BPSK	2540.0	2650.0	28.70	28.10	0.646	77.334	77334	77M3G7W
	QPSK			28.67	28.07	0.641	77.088	77088	77M1G7W
	16QAM			27.64	27.04	0.506	77.253	77253	77M3D7W
90.0	BPSK	2545.0	2645.0	28.70	28.10	0.646	86.960	86960	87M0G7W
	QPSK			28.61	28.01	0.632	86.803	86803	86M8G7W
	16QAM			27.68	27.08	0.511	87.051	87051	87M1D7W
100.0	BPSK	2550.0	2640.0	28.70	28.10	0.646	96.719	96719	96M7G7W
	QPSK			28.68	28.08	0.643	96.341	96341	96M3G7W
	16QAM			27.70	27.10	0.513	96.489	96489	96M5D7W

ULCA LTE BAND 41 (IC)

RSS 199									
EIRP Limit (W)		2.00							
Antenna Gain (dBi) (Ant 2)		-0.60							
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (MHz)	99% BW (kHz)	Emission Designator
5+20	QPSK	2503.3	2680.0	28.70	28.10	0.646	23.174	23174	23M2G7W
	16QAM			26.96	26.36	0.433	23.163	23163	23M2D7W
20+5	QPSK	2510.0	2686.7	28.67	28.07	0.641	23.145	23145	23M1G7W
	16QAM			26.86	26.26	0.423	23.185	23185	23M2D7W
10+20	QPSK	2505.5	2680.0	28.67	28.07	0.641	27.900	27900	27M9G7W
	16QAM			26.96	26.36	0.433	27.923	27923	27M9D7W
20+10	QPSK	2510.0	2684.5	28.59	27.99	0.630	27.923	27923	27M9G7W
	16QAM			27.12	26.52	0.449	27.949	27949	27M9D7W
15+15	QPSK	2507.5	2682.5	27.70	27.10	0.513	28.531	28531	28M5G7W
	16QAM			27.06	26.46	0.443	28.499	28499	28M5D7W
15+20	QPSK	2507.8	2680.0	28.62	28.02	0.634	32.787	32787	32M8G7W
	16QAM			27.08	26.48	0.445	32.738	32738	32M7D7W
20+15	QPSK	2510.0	2682.2	28.62	28.02	0.634	32.753	32753	32M8G7W
	16QAM			27.14	26.54	0.451	32.834	32834	32M8D7W
20+20	QPSK	2510.0	2680.0	28.70	28.10	0.646	37.563	37563	37M6G7W
	16QAM			27.19	26.59	0.456	37.675	37675	37M7D7W

6.3. SOFTWARE AND FIRMWARE

The EUT firmware installed during testing was version 1.50.69.

6.4. MAXIMUM ANTENNA GAIN AND MAXIMUM ALLOWED OUTPUT POWER

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

Bands	Frequency Range (MHz)	Antenna Gain (dBi)				Max Allowed Conducted Output Power (dBm)				ERP/EIRP (dBm)			
		ANT1	ANT2	ANT3	ANT4	ANT1	ANT2	ANT3	ANT4	ANT1	ANT2	ANT3	ANT4
LTE Band 7/ 5G NR n7	2500 - 2570	-3.40	-0.50	-3.00	-0.80	24.70	25.70	25.70	24.70	21.30	25.20	22.70	23.90
LTE ULCA Band 7		-3.40	-0.50	-3.00	-0.80	24.70	25.70	25.70	24.70	21.30	25.20	22.70	23.90
LTE Band 41	FCC 2496- 2680	-3.10	-0.60	-3.40	-1.00	28.70	28.70	28.70	28.70	25.60	28.10	25.30	27.70
5G NR n41		-3.10	-0.60	-3.40	-1.00	28.70	28.70	28.70	28.70	25.60	28.10	25.30	27.70
LTE ULCA Band 41		-3.10	-0.60	-3.40	-1.00	28.70	28.70	28.70	28.70	25.60	28.10	25.30	27.70
LTE Band 41	IC 2500 - 2680	-3.10	-0.60	-3.40	-1.00	28.70	28.70	28.70	28.70	25.60	28.10	25.30	27.70
5G NR n41		-3.10	-0.60	-3.40	-1.00	28.70	28.70	28.70	28.70	25.60	28.10	25.30	27.70
LTE ULCA Band 41		-3.10	-0.60	-3.40	-1.00	28.70	28.70	28.70	28.70	25.60	28.10	25.30	27.70
LTE Band 38	2570 – 2620	-3.60	-1.10	-3.70	-1.10	25.70	25.70	25.70	25.70	22.10	24.60	22.00	24.60
5G NR n38		-3.60	-1.10	-3.70	-1.10	25.70	25.70	25.70	25.70	22.10	24.60	22.00	24.60

6.5. WORST-CASE CONFIGURATION AND MODE

This report covers the following technologies:

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

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

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

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

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

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

LTE and 5G NR Bands	Worst case Antenna Port
LTE Band 7 and 5G NR n7	Ant 2
LTE Band 41	Ant 2
5G NR n41	Ant 2

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

Frequency Range	ANT1	ANT2	ANT3	ANT4
2300 – 2700 MHz	X	X	Y	Y

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

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

6.6. DESCRIPTION OF TEST SETUP

Refer to Appendix A for description of test setup.

7. TEST AND MEASUREMENT EQUIPMENT

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

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

8. RF OUTPUT POWER VERIFICATION

CONDUCTED OUTPUT POWER MEASUREMENT PROCEDURE

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

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

RESULTS

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

8.1. LTE BAND 7

Test Engineer ID:	32061	Test Date:	2025-03-19
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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 2			ANT 1			ANT 4		
				20775	21100	21425	20775	21100	21425	20775	21100	21425	20775	21100	21425
5.0	QPSK	1	0	24.88	25.23	25.23	24.72	25.25	24.73	23.64	23.87	23.79	24.19	23.85	24.07
		1	12	25.20	25.22	25.14	25.29	24.85	24.78	23.95	23.84	23.77	23.80	23.93	24.08
		1	24	24.86	24.74	25.21	24.77	24.97	25.31	24.07	23.72	23.70	24.13	24.05	24.09
		2	0	25.22	25.61	25.45	25.68	25.70	25.70	24.50	24.51	24.70	24.42	24.70	24.70
		2	23	25.70	25.56	25.42	25.50	25.53	25.64	24.68	24.56	24.57	24.52	24.56	24.45
		12	0	24.25	24.60	24.23	24.64	24.48	24.33	23.38	23.45	23.58	23.18	23.12	23.58
		12	6	24.29	24.40	24.51	24.55	24.44	24.79	23.35	23.20	23.56	23.49	23.35	23.37
		12	11	24.60	24.59	24.34	24.75	24.35	24.53	23.13	23.63	23.32	23.18	23.48	23.43
		25	0	24.79	24.72	24.47	24.77	24.80	24.62	23.25	23.70	23.66	23.31	23.75	23.69
		1	0	24.07	23.89	24.22	24.02	23.74	24.31	23.15	23.10	22.94	23.06	23.16	22.68
	16QAM	1	12	24.05	23.87	23.85	23.89	24.12	23.87	23.04	22.68	22.99	22.80	22.84	23.07
		1	24	24.03	23.73	24.18	23.89	24.01	24.00	22.68	22.66	22.73	23.06	22.89	22.70
		2	0	24.24	24.34	24.29	24.27	24.59	24.32	23.49	23.54	23.29	23.77	23.51	23.77
		2	23	24.67	24.64	24.74	24.28	24.78	24.23	23.50	23.52	23.53	23.39	23.33	23.42
		12	0	23.51	23.59	23.38	23.73	23.42	23.24	22.18	22.53	22.33	22.34	22.48	22.10
		12	6	23.41	23.71	23.41	23.27	23.50	23.61	22.17	22.12	22.17	22.42	22.22	22.69
		12	11	23.22	23.21	23.59	23.60	23.42	23.30	22.52	22.68	22.63	22.12	22.28	22.46
		25	0	23.43	23.76	23.29	23.31	23.40	23.74	22.35	22.30	22.27	22.31	22.35	22.61
		1	0	22.75	22.76	23.18	23.15	23.01	22.83	21.66	21.67	22.06	21.91	21.76	22.23
		1	12	22.91	22.91	23.18	22.82	23.28	22.74	21.94	21.63	21.77	21.97	22.02	21.98
	64QAM	1	24	23.09	23.14	22.88	23.12	23.12	23.05	21.75	22.02	22.06	21.96	21.97	22.10
		2	0	23.66	23.73	23.32	23.40	23.77	23.33	22.34	22.19	22.33	22.44	22.59	22.25
		2	23	23.64	23.71	23.49	23.32	23.78	23.78	22.35	22.13	22.50	22.30	22.60	22.49
		12	0	22.62	22.23	22.35	22.81	22.29	22.80	21.35	21.33	21.42	21.27	21.40	21.40
		12	6	22.61	22.50	22.48	22.73	22.65	22.59	21.33	21.51	21.64	21.13	21.41	21.33
		12	11	22.26	22.48	22.63	22.41	22.65	22.51	21.61	21.39	21.12	21.44	21.47	21.66
		25	0	22.62	22.41	22.70	22.56	22.75	22.57	21.51	21.39	21.34	21.67	21.14	21.56
		1	0	19.95	19.74	19.99	20.09	19.75	20.24	18.92	18.66	19.01	19.23	18.61	18.96
		1	12	19.86	19.85	20.00	20.16	20.06	19.83	18.99	19.16	18.78	18.77	18.72	18.77
		1	24	19.99	20.05	19.76	20.32	20.10	19.88	18.79	18.80	18.62	18.61	19.10	18.97
	256QAM	2	0	20.69	20.71	20.23	20.74	20.67	20.78	19.15	19.52	19.34	19.44	19.46	19.65
		2	23	20.63	20.74	20.26	20.52	20.52	20.79	19.46	19.40	19.53	19.57	19.44	19.46
		12	0	20.36	20.52	20.30	20.51	20.43	20.38	19.34	19.32	19.12	19.72	19.12	19.11
		12	6	20.23	20.53	20.50	20.47	20.39	20.26	19.16	19.17	19.55	19.14	19.40	19.22
		12	11	20.50	20.63	20.78	20.48	20.60	20.41	19.58	19.53	19.29	19.18	19.57	19.24
		25	0	20.31	20.66	20.66	20.64	20.77	20.35	19.18	19.27	19.57	19.68	19.38	19.36

OUTPUT POWER FOR LTE BAND 7 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 2			ANT 1			ANT 4		
				20800	21100	21400	20800	21100	21400	20800	21100	21400	20800	21100	21400
10.0	QPSK	1	0	25.15	24.92	25.04	24.98	25.30	25.33	24.07	24.02	23.88	23.92	23.73	24.03
		1	24	25.25	25.43	24.99	25.17	25.01	24.88	24.05	23.88	23.79	23.68	23.66	23.55
		1	49	24.97	25.17	24.88	25.33	24.99	25.05	23.95	23.94	23.99	23.54	23.99	23.77
		2	0	25.62	25.68	25.55	25.70	25.50	25.53	24.55	24.49	24.70	24.66	24.61	24.70
		2	48	25.70	25.70	25.57	25.59	25.61	25.64	24.69	24.52	24.64	24.54	24.59	24.64
		25	0	24.65	24.38	24.48	24.87	24.92	24.39	23.61	23.46	23.27	23.05	23.39	23.19
		25	12	24.93	24.62	24.53	24.83	24.42	24.90	23.52	23.59	23.29	23.36	23.26	23.04
		25	24	24.43	24.68	24.93	24.91	24.49	24.77	23.23	23.61	23.57	23.64	23.43	23.20
		50	0	24.68	24.51	24.59	24.37	24.73	24.87	23.14	23.26	23.41	23.07	23.01	23.68
		16QAM	1	0	24.01	24.29	23.92	24.10	24.23	24.44	23.18	22.97	23.12	23.13	22.98
	1		24	24.38	24.00	24.38	24.40	24.41	24.03	22.94	22.67	23.12	22.89	23.03	22.54
	1		49	24.40	24.26	24.30	24.42	23.97	24.36	22.81	22.74	22.63	22.82	22.92	22.93
	2		0	24.71	24.46	24.72	24.65	24.69	24.86	23.68	23.52	23.69	23.47	23.59	23.58
	2		48	24.64	24.71	24.51	24.44	24.43	24.60	23.58	23.62	23.49	23.62	23.50	23.63
	25		0	23.78	23.57	23.72	23.69	23.36	23.64	22.28	22.67	22.31	22.58	22.11	22.11
	25		12	23.61	23.73	23.86	23.51	23.54	23.70	22.13	22.50	22.46	22.47	22.27	22.06
	25		24	23.70	23.50	23.64	23.66	23.42	23.48	22.47	22.59	22.16	22.18	22.55	22.44
	50		0	23.76	23.41	23.81	23.50	23.67	23.79	22.57	22.36	22.26	22.02	22.24	22.23
	64QAM		1	0	23.28	23.07	23.04	23.18	23.10	23.30	21.75	21.72	21.92	21.60	22.19
		1	24	23.27	22.89	23.28	23.26	23.39	22.85	21.77	21.98	22.21	21.71	21.62	21.84
		1	49	23.09	23.41	22.89	23.04	23.33	23.25	22.05	21.66	22.15	21.81	21.94	21.59
		2	0	23.62	23.82	23.72	23.62	23.58	23.70	22.54	22.16	22.55	22.36	22.01	22.54
		2	48	23.44	23.81	23.72	23.52	23.71	23.77	22.26	22.47	22.58	22.14	22.61	22.07
		25	0	22.69	22.61	22.37	22.62	22.56	22.94	21.17	21.35	21.59	21.43	21.16	21.22
		25	12	22.68	22.70	22.88	22.64	22.47	22.51	21.40	21.18	21.38	21.05	21.27	21.45
		25	24	22.46	22.46	22.95	22.69	22.57	22.63	21.44	21.47	21.54	21.67	21.48	21.43
		50	0	22.36	22.80	22.51	22.74	22.92	22.82	21.35	21.50	21.60	21.54	21.19	21.21
		256QAM	1	0	19.88	20.45	20.26	19.86	19.93	20.08	18.67	18.71	19.11	18.82	18.95
	1		24	20.43	20.19	20.25	20.44	20.33	19.86	18.86	18.80	19.22	19.11	18.93	18.96
	1		49	20.15	20.32	20.19	20.29	19.87	20.27	19.04	18.71	18.98	18.85	18.59	18.71
	2		0	20.46	20.92	20.85	20.87	20.58	20.92	19.53	19.68	19.23	19.19	19.30	19.23
	2		48	20.58	20.84	20.45	20.87	20.54	20.92	19.36	19.15	19.32	19.15	19.57	19.67
	25		0	20.80	20.61	20.62	20.88	20.63	20.89	19.69	19.38	19.53	19.15	19.48	19.31
	25		12	20.79	20.39	20.41	20.55	20.56	20.83	19.65	19.50	19.15	19.29	19.64	19.16
	25		24	20.51	20.63	20.76	20.52	20.93	20.61	19.68	19.36	19.57	19.69	19.25	19.52
50	0		20.78	20.43	20.72	20.75	20.67	20.72	19.31	19.26	19.46	19.09	19.57	19.63	

OUTPUT POWER FOR LTE BAND 7 (15.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 2			ANT 1			ANT 4		
				20825	21100	21375	20825	21100	21375	20825	21100	21375	20825	21100	21375
15.0	QPSK	1	0	2507.5	2535.0	2562.5	2507.5	2535.0	2562.5	2507.5	2535.0	2562.5	2507.5	2535.0	2562.5
		1	37	25.21	24.82	24.74	24.94	24.99	24.94	23.93	24.02	23.63	23.94	23.92	23.80
		1	74	24.66	25.12	25.11	25.23	25.05	25.15	24.17	24.07	24.12	23.74	24.07	23.83
		2	0	25.56	25.43	25.66	25.50	25.50	25.70	24.70	24.52	24.60	24.59	24.70	24.50
		2	73	25.56	25.70	25.46	25.65	25.53	25.57	24.58	24.45	24.51	24.52	24.57	24.35
		36	0	24.43	24.66	24.53	24.63	24.61	24.48	23.24	23.59	23.52	23.42	23.38	23.56
		36	16	24.64	24.44	24.36	24.25	24.29	24.79	23.67	23.35	23.55	23.45	23.32	23.52
		36	35	24.48	24.53	24.37	24.55	24.54	24.46	23.47	23.60	23.18	23.09	23.61	23.50
		75	0	24.70	24.18	24.62	24.38	24.45	24.34	23.29	23.51	23.64	23.33	23.30	23.38
	16QAM	1	0	23.86	23.95	23.84	23.96	23.94	24.03	22.86	22.79	23.18	23.08	23.02	22.88
		1	37	23.80	23.82	23.74	24.18	24.00	23.78	22.87	23.13	22.80	23.22	22.79	23.11
		1	74	23.94	23.85	24.05	23.91	24.13	23.95	23.18	22.90	23.07	22.88	22.72	22.72
		2	0	24.59	24.59	24.16	24.74	24.66	24.55	23.50	23.19	23.25	23.10	23.34	23.61
		2	73	24.67	24.42	24.52	24.76	24.24	24.23	23.23	23.50	23.57	23.67	23.45	23.38
		36	0	23.43	23.66	23.53	23.61	23.28	22.24	22.59	22.52	22.42	22.38	22.56	
		36	16	23.64	23.44	23.36	23.25	23.29	23.79	22.67	22.35	22.55	22.45	22.12	22.52
		36	35	23.18	23.73	23.37	23.55	23.54	23.46	22.47	22.60	22.18	22.09	22.61	22.50
		75	0	23.70	23.18	23.62	23.38	23.45	23.34	22.29	22.51	22.64	22.33	22.10	22.38
	64QAM	1	0	22.66	22.95	22.84	22.96	22.94	23.03	21.66	21.79	22.18	22.08	22.02	21.68
		1	37	22.80	22.82	22.74	23.18	23.00	22.78	21.87	22.13	21.80	22.22	21.59	22.11
		1	74	22.94	22.85	23.05	22.91	23.13	22.95	22.18	21.90	22.07	21.58	21.72	21.72
		2	0	23.46	23.56	23.26	23.52	23.55	23.64	22.24	22.67	22.42	22.15	22.65	22.38
		2	73	23.36	23.70	23.14	23.81	23.62	23.60	22.17	22.55	22.40	22.53	22.73	22.16
		36	0	22.53	22.49	22.70	22.39	22.78	22.44	21.48	21.47	21.19	21.68	21.36	21.39
		36	16	22.58	22.56	22.40	22.24	22.58	22.42	21.49	21.29	21.17	21.67	21.63	21.46
		36	35	22.49	22.69	22.24	22.62	22.67	22.31	21.32	21.37	21.17	21.39	21.46	21.61
		75	0	22.14	22.46	22.48	22.81	22.48	22.37	21.57	21.19	21.43	21.67	21.36	21.16
	256QAM	1	0	19.79	19.70	19.97	19.95	19.96	20.29	18.93	19.04	18.75	18.84	18.98	18.69
		1	37	20.19	19.78	19.70	20.02	20.21	20.24	18.63	18.74	18.63	19.13	18.95	18.99
		1	74	19.73	19.96	19.81	19.72	20.19	19.95	18.76	19.10	18.62	18.68	18.66	19.15
		2	0	20.54	20.30	20.20	20.58	20.78	20.50	19.22	19.23	19.15	19.44	19.75	19.62
		2	73	20.49	20.24	20.16	20.34	20.23	20.57	19.44	19.59	19.54	19.48	19.53	19.37
		36	0	20.30	20.29	20.21	20.55	20.24	20.30	19.49	19.44	19.39	19.09	19.48	19.51
		36	16	20.19	20.38	20.57	20.55	20.32	20.63	19.23	19.59	19.34	19.40	19.71	19.61
		36	35	20.34	20.35	20.72	20.25	20.70	20.38	19.55	19.58	19.13	19.53	19.64	19.73
		75	0	20.48	20.14	20.53	20.31	20.81	20.28	19.28	19.60	19.24	19.52	19.11	19.74

OUTPUT POWER FOR LTE BAND 7 (20.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 2			ANT 1			ANT 4		
				20850 2510.0	21100 2535.0	21350 2560.0	20850 2510.0	21100 2535.0	21350 2560.0	20850 2510.0	21100 2535.0	21350 2560.0	20850 2510.0	21100 2535.0	21350 2560.0
20.0	QPSK	1	0	24.77	24.89	25.01	25.21	24.73	25.14	24.31	24.30	23.93	24.20	23.69	23.81
		1	49	24.96	24.95	24.74	24.98	24.96	25.29	24.06	23.99	24.37	23.60	23.57	24.05
		1	99	24.91	25.20	24.71	25.21	24.98	25.08	23.95	23.94	24.17	23.86	24.12	23.53
		2	0	25.31	25.70	25.43	25.41	25.58	25.63	24.70	24.70	24.49	24.33	24.51	24.18
		2	98	25.36	25.61	25.59	25.50	25.70	25.53	24.60	24.47	24.68	24.49	24.58	24.70
		50	0	24.64	24.60	24.74	24.41	24.42	24.27	23.46	23.43	23.69	23.16	23.45	23.26
		50	24	24.29	24.59	24.64	24.79	24.27	24.51	23.52	23.41	23.50	23.04	23.44	23.68
		50	49	24.48	24.35	24.74	24.71	24.37	24.72	23.62	23.40	23.43	23.63	23.68	23.64
		100	0	24.36	24.49	24.76	24.31	24.54	24.32	23.64	23.82	23.41	23.35	23.55	23.20
		16QAM	1	0	23.87	24.12	24.16	23.88	24.15	24.14	23.28	23.09	23.33	22.88	22.84
	1		49	23.74	24.22	23.96	24.08	24.31	23.87	23.14	23.37	22.97	22.51	22.83	22.66
	1		99	24.01	23.71	23.89	23.94	24.15	24.19	22.96	22.88	23.39	22.99	23.20	22.81
	2		0	24.68	24.72	24.23	24.42	24.54	24.66	23.72	23.67	23.78	23.45	23.32	23.70
	2		98	24.66	24.33	24.53	24.58	24.56	24.74	23.93	23.73	23.65	23.43	23.51	23.63
	50		0	23.73	23.49	23.78	23.48	23.67	23.25	22.57	22.53	22.60	22.49	22.27	22.23
	50		24	23.38	23.53	23.22	23.56	23.69	23.52	22.67	22.79	22.42	22.12	22.28	22.40
	50		49	23.50	23.67	23.60	23.72	23.78	23.39	22.65	22.63	22.61	22.21	22.07	22.54
	100		0	23.70	23.43	23.42	23.64	23.32	23.65	22.49	22.94	22.69	22.44	22.15	22.47
	64QAM		1	0	22.93	23.25	22.85	23.02	22.81	23.27	21.99	22.05	22.06	21.62	21.72
		1	49	22.81	22.76	22.73	23.16	23.01	22.99	22.41	22.23	22.08	21.76	22.01	21.59
		1	99	23.03	23.19	22.97	23.29	23.16	22.71	22.14	21.93	22.26	21.60	21.79	22.02
		2	0	23.25	23.69	23.38	23.51	23.76	23.55	22.54	22.52	22.41	22.06	22.24	22.44
		2	98	23.70	23.42	23.22	23.37	23.73	23.50	22.46	22.74	22.82	22.42	22.55	22.32
		50	0	22.52	22.40	22.63	22.56	22.43	22.54	21.57	21.87	21.93	21.26	21.39	21.43
		50	24	22.25	22.21	22.35	22.51	22.44	22.48	21.71	21.42	21.59	21.21	21.63	21.71
		50	49	22.53	22.61	22.70	22.58	22.42	22.62	21.42	21.75	21.38	21.28	21.05	21.54
		100	0	22.26	22.65	22.49	22.56	22.72	22.36	21.70	21.77	21.45	21.67	21.44	21.02
		256QAM	1	0	19.71	19.97	19.89	20.20	19.79	19.91	19.35	19.32	19.09	18.95	18.62
	1		49	20.23	20.19	20.18	19.92	20.26	20.11	19.44	19.24	19.21	18.58	18.77	18.96
	1		99	20.24	20.17	19.74	19.72	20.24	20.19	19.20	19.43	19.11	18.78	18.88	18.72
	2		0	20.78	20.50	20.74	20.75	20.25	20.52	19.90	19.65	19.42	19.52	19.68	19.33
	2		98	20.57	20.45	20.22	20.42	20.47	20.75	19.79	19.45	19.43	19.49	19.49	19.07
	50		0	20.21	20.55	20.63	20.38	20.80	20.29	19.84	19.63	19.69	19.08	19.20	19.17
	50		24	20.55	20.70	20.48	20.44	20.67	20.64	19.64	19.49	19.96	19.55	19.55	19.11
50	49		20.26	20.58	20.66	20.76	20.40	20.60	19.59	19.43	19.68	19.45	19.16	19.55	
100	0		20.51	20.21	20.62	20.47	20.60	20.77	19.87	19.84	19.68	19.39	19.36	19.10	

8.2. 5G NR n7

Test Engineer ID:	50822	Test Date:	2025-02-18
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OUTPUT POWER FOR 5G NR n7 (5.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 2			ANT 1			ANT 4		
				500500	507000	513500	500500	507000	513500	500500	507000	513500	500500	507000	513500
5.0	BPSK	1	0	22.48	24.77	24.77	24.93	24.62	25.01	23.49	24.18	23.91	24.02	23.73	23.62
		1	1	25.18	25.29	25.49	25.37	25.11	25.43	24.06	24.16	24.49	24.23	24.19	24.06
		1	23	25.26	25.11	25.23	25.60	25.56	25.21	24.11	24.00	22.38	24.21	24.25	24.07
		1	24	24.56	24.95	24.85	25.48	25.10	24.97	23.69	23.73	23.84	24.02	23.90	23.64
		12	6	25.49	25.68	25.70	25.62	25.53	25.65	24.61	24.52	24.64	24.60	24.63	24.41
		25	0	25.61	25.47	25.48	25.62	25.62	25.56	24.34	24.60	23.73	24.52	24.50	24.53
	QPSK	1	0	24.40	24.25	24.47	24.18	24.56	24.69	23.11	23.28	23.52	23.56	23.41	23.41
		1	1	25.19	25.24	25.43	25.30	25.52	25.49	24.20	24.40	24.33	24.46	24.29	24.08
		1	23	25.17	25.56	25.36	25.46	25.43	25.27	24.12	24.36	24.44	24.42	24.43	24.15
		1	24	24.41	24.65	24.44	24.47	24.54	24.51	23.08	23.55	23.36	23.47	23.40	23.28
		12	6	25.43	25.65	25.70	25.70	25.58	25.57	24.64	24.53	24.70	24.70	24.65	24.48
		25	0	24.85	25.08	25.11	25.10	25.13	25.08	23.63	24.04	24.22	24.07	24.04	23.88
	16QAM	1	0	23.15	23.21	23.22	23.28	23.16	23.12	21.83	22.25	22.30	22.42	22.42	22.30
		1	1	23.90	23.97	24.18	24.03	24.31	24.27	22.82	23.22	23.33	23.30	23.39	23.25
		1	23	23.86	24.34	24.27	24.32	24.22	24.04	22.85	23.32	23.32	23.25	23.39	22.88
		1	24	22.96	23.31	23.19	23.07	23.25	22.95	21.64	22.26	22.10	22.14	22.27	22.20
		12	6	24.76	25.07	25.08	24.79	25.02	24.94	23.42	23.96	24.08	23.99	24.05	23.84
		25	0	23.81	24.00	24.09	23.92	24.08	23.99	22.62	22.80	23.18	23.02	23.01	23.01
	64QAM	1	0	22.86	22.83	23.07	23.01	23.08	22.89	21.38	21.77	21.93	21.99	21.74	21.82
		1	1	22.56	22.98	23.09	22.89	22.74	22.66	21.37	21.89	21.95	21.85	21.93	21.88
		1	23	22.54	22.93	23.05	22.84	22.66	23.01	21.54	21.69	21.95	21.87	21.87	21.89
		1	24	22.75	22.75	22.99	22.88	22.76	22.94	21.48	21.79	22.08	21.94	21.89	21.81
		12	6	23.32	23.48	23.53	23.27	23.54	23.49	22.01	22.40	22.54	22.46	22.49	22.44
		25	0	23.41	23.49	23.62	23.60	23.61	23.49	22.14	22.50	22.72	22.48	22.56	22.48
	256QAM	1	0	21.07	21.05	21.15	20.84	20.97	20.98	19.77	20.04	20.18	20.09	20.17	20.21
		1	1	21.03	21.10	21.08	21.07	21.15	21.26	19.54	20.01	20.06	20.02	20.24	20.20
		1	23	20.88	21.06	21.07	20.87	21.19	20.89	19.79	19.81	20.48	20.12	20.21	20.02
		1	24	20.90	21.10	21.04	20.90	21.19	21.03	19.56	20.09	20.40	20.09	20.20	19.93
		12	6	21.29	21.44	21.54	21.46	21.50	21.53	20.13	20.44	20.66	20.64	20.66	20.55
		25	0	21.34	21.44	21.58	21.61	21.39	21.54	20.23	20.52	20.78	20.59	20.69	20.55

OUTPUT POWER FOR 5G NR n7 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 2			ANT 1			ANT 4		
				501000	507000	513000	501000	507000	513000	501000	507000	513000	501000	507000	513000
10.0	BPSK	1	0	24.59	24.71	24.68	24.80	24.84	24.68	23.66	23.89	23.77	23.81	23.90	23.85
		1	1	25.23	25.26	25.15	25.38	25.33	25.26	24.08	24.36	24.39	24.36	24.39	24.36
		1	50	25.09	25.51	25.09	25.38	25.46	24.91	24.28	24.53	24.33	24.37	24.49	24.30
		1	51	24.70	25.04	24.59	25.04	24.98	24.85	23.54	24.00	23.96	23.95	23.98	23.86
		25	12	25.34	25.60	25.50	25.51	25.65	25.70	24.53	24.54	24.67	24.65	24.63	24.50
		50	0	25.36	25.54	25.32	25.48	25.63	25.64	24.37	24.57	24.55	24.51	24.58	24.46
	QPSK	1	0	24.26	24.37	24.21	24.22	24.59	24.40	23.25	23.36	23.38	23.48	23.56	23.47
		1	1	25.34	25.29	25.19	25.27	25.38	25.53	24.27	24.36	24.39	24.43	24.49	24.55
		1	50	25.37	25.53	25.12	25.26	25.53	25.25	24.25	24.52	24.37	24.39	24.49	24.40
		1	51	24.36	24.51	24.22	24.28	24.46	24.28	23.22	23.41	23.32	23.49	23.65	23.39
		25	12	25.48	25.70	25.55	25.49	25.70	25.61	24.44	24.63	24.70	24.61	24.70	24.64
		50	0	24.92	25.14	24.90	25.01	25.08	25.09	23.91	24.08	24.16	24.05	24.07	24.03
	16QAM	1	0	23.25	23.12	23.15	22.95	23.33	23.26	21.97	22.00	22.14	22.27	22.33	22.28
		1	1	24.15	24.20	24.01	24.21	23.98	24.15	23.20	23.31	23.17	23.28	23.27	23.21
		1	50	24.19	24.46	24.14	24.37	24.20	24.07	23.14	23.23	23.35	23.31	23.47	23.11
		1	51	22.82	23.25	22.84	23.26	23.27	23.11	22.03	22.16	22.40	22.28	22.33	22.21
		25	12	24.76	24.97	24.80	24.86	24.93	25.01	23.45	23.96	24.04	24.01	23.79	23.92
		50	0	23.93	24.11	23.91	24.05	24.07	24.05	22.90	23.06	23.13	23.05	23.02	23.02
	64QAM	1	0	22.77	22.70	22.89	22.84	22.69	22.80	21.67	21.72	21.56	21.62	21.91	21.74
		1	1	22.84	22.69	22.87	22.88	22.51	22.62	21.66	21.91	21.65	21.67	22.11	21.92
		1	50	22.75	22.95	22.60	23.02	22.94	22.77	21.69	21.74	21.89	21.75	22.02	21.91
		1	51	22.72	23.13	22.60	22.78	22.81	22.42	21.78	21.93	21.88	22.00	22.01	21.88
		25	12	23.32	23.56	23.30	23.37	23.46	23.47	22.33	22.46	22.52	22.48	22.49	22.41
		50	0	23.35	23.52	23.29	23.45	23.47	23.45	22.37	22.52	22.60	22.40	22.52	13.99
	256QAM	1	0	20.98	21.03	20.87	21.00	21.04	20.76	19.79	20.00	19.95	20.01	20.15	20.00
		1	1	20.92	21.12	20.91	20.90	21.07	21.09	19.92	20.05	20.03	19.93	20.13	20.14
		1	50	21.05	20.70	20.96	20.98	20.74	20.98	19.82	20.05	20.11	20.05	20.25	19.87
		1	51	20.94	20.88	20.89	21.11	20.82	21.06	19.98	20.13	20.12	20.05	20.11	20.11
		25	12	21.28	21.20	21.28	21.36	21.51	21.51	20.29	20.48	20.49	20.44	20.55	20.51
		50	0	21.47	21.20	21.33	21.42	21.56	21.54	20.42	20.60	20.73	20.52	20.64	20.58

OUTPUT POWER FOR 5G NR n7 (15.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 2			ANT 1			ANT 4		
				501500	507000	512500	501500	507000	512500	501500	507000	512500	501500	507000	512500
15.0	BPSK	1	0	24.65	24.57	24.67	24.57	24.84	24.78	23.49	23.63	23.89	23.50	23.72	23.72
		1	1	25.23	25.04	25.33	25.18	25.16	25.28	23.95	24.18	24.23	24.31	24.08	24.22
		1	77	25.23	25.30	25.31	25.17	25.41	25.06	24.19	24.40	24.08	24.40	24.45	24.19
		1	78	24.74	25.08	24.86	24.89	24.97	24.58	23.59	23.90	23.77	23.77	24.02	23.91
		36	18	25.43	25.60	25.66	25.47	25.67	25.57	24.24	24.60	24.67	24.57	24.69	24.47
		75	0	24.56	24.72	24.69	25.34	25.56	25.37	24.17	24.42	24.51	24.42	24.58	24.55
	QPSK	1	0	24.09	24.16	24.29	24.27	24.42	24.42	23.22	23.34	23.40	23.45	23.40	23.45
		1	1	25.24	25.22	25.31	25.27	25.33	25.47	24.15	24.24	24.40	24.43	24.27	24.30
		1	77	25.38	25.59	25.46	25.43	25.53	25.03	24.22	24.49	24.32	24.37	24.49	24.24
		1	78	24.38	24.58	24.44	24.48	24.65	24.17	23.19	23.46	23.35	23.50	23.66	23.41
		36	18	25.46	25.70	25.69	25.49	25.70	25.70	24.32	24.59	24.70	24.60	24.70	24.62
		75	0	24.07	24.23	24.14	24.93	25.07	24.97	23.77	23.99	24.04	23.93	24.09	24.00
	16QAM	1	0	22.90	22.86	22.92	23.17	23.28	23.33	22.04	22.08	22.05	22.28	22.28	22.27
		1	1	24.11	23.93	24.07	24.18	24.20	24.28	23.01	23.14	23.35	23.21	23.03	23.27
		1	77	24.16	24.23	24.22	24.22	24.27	23.77	23.12	23.30	23.26	23.17	23.39	22.98
		1	78	23.01	23.36	23.21	23.11	23.41	23.01	22.04	22.15	22.25	22.30	22.38	22.37
		36	18	24.74	24.96	25.06	24.82	24.93	24.96	23.66	23.90	24.02	23.90	23.99	24.01
		75	0	23.12	23.18	23.19	23.89	24.01	23.92	22.73	22.99	23.09	22.98	23.04	23.05
	64QAM	1	0	22.51	22.60	22.83	22.70	22.98	22.94	21.49	21.88	21.84	21.95	21.97	21.88
		1	1	22.78	22.94	22.66	22.76	22.71	22.97	21.67	21.85	21.77	21.87	21.86	21.80
		1	77	22.65	23.02	22.95	22.88	23.01	22.76	21.77	21.95	21.85	21.86	22.09	21.86
		1	78	22.67	22.95	22.94	22.75	22.85	22.58	21.79	22.05	21.99	21.95	22.09	21.93
		36	18	23.28	23.45	23.51	23.32	23.52	23.48	22.23	22.47	22.62	22.42	22.41	22.51
		75	0	22.60	22.76	22.64	23.34	23.45	23.43	22.28	22.50	22.58	22.46	22.62	22.50
	256QAM	1	0	20.89	20.93	20.95	21.10	21.10	21.11	19.83	20.01	20.29	20.05	20.02	20.13
		1	1	20.91	20.80	20.94	20.86	21.09	21.07	19.84	20.05	20.05	19.98	20.09	20.05
		1	77	20.99	21.29	21.11	20.88	21.02	20.78	19.79	20.34	20.16	19.96	20.23	20.16
		1	78	20.86	21.17	21.03	20.89	21.17	20.76	19.99	20.20	20.04	20.01	20.12	20.15
		36	18	21.31	21.46	21.48	21.41	21.44	21.48	20.25	20.51	20.59	20.41	20.56	20.58
		75	0	20.57	20.69	20.65	21.42	21.40	21.49	20.23	20.63	20.57	20.43	20.55	20.51

OUTPUT POWER FOR 5G NR n7 (20.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 2			ANT 1			ANT 4		
				502000	507000	512000	502000	507000	512000	502000	507000	512000	502000	507000	512000
20.0	BPSK	1	0	24.39	24.52	24.78	24.71	24.59	24.49	23.80	23.82	23.83	23.89	23.97	23.91
		1	1	25.04	25.00	25.31	25.34	25.21	25.10	24.28	24.22	24.40	24.43	24.38	24.35
		1	104	25.09	25.31	25.31	25.37	25.21	24.86	24.22	24.12	24.46	24.23	24.33	24.13
		1	105	24.59	24.79	24.78	24.87	24.75	24.57	23.87	23.92	24.01	23.88	23.82	23.80
		50	25	25.56	25.44	25.66	25.70	25.53	25.43	24.48	24.59	24.64	24.56	24.57	24.56
		100	0	25.16	25.38	25.51	25.55	25.37	25.34	24.37	24.55	24.57	24.52	24.48	24.52
	QPSK	1	0	24.21	24.34	24.53	24.40	24.28	24.33	23.34	23.46	23.45	23.33	23.50	23.40
		1	1	25.19	25.06	25.35	25.35	25.14	25.18	24.29	24.52	24.42	24.44	24.49	24.32
		1	104	25.15	25.57	25.29	25.40	25.13	24.77	24.45	24.51	24.42	24.44	24.36	24.32
		1	105	24.34	24.50	24.37	24.50	24.30	23.87	23.40	23.52	23.46	23.43	23.42	23.42
		50	25	25.29	25.51	25.70	25.65	25.52	25.48	24.50	24.70	24.61	24.69	24.66	24.70
		100	0	24.73	24.98	25.07	25.06	24.91	24.84	23.94	24.05	24.07	24.00	24.07	24.07
	16QAM	1	0	23.00	22.96	23.32	23.23	23.15	23.15	22.03	22.21	22.36	22.15	22.29	22.26
		1	1	24.04	24.12	24.37	24.23	24.11	24.12	23.24	23.00	23.29	23.25	23.13	23.34
		1	104	24.00	24.36	24.14	24.31	24.18	23.73	23.17	23.37	23.27	23.30	23.22	23.14
		1	105	23.01	23.22	23.20	23.16	23.04	23.12	22.12	22.36	22.32	22.20	22.04	22.17
		50	25	24.67	24.92	24.94	24.94	24.82	24.82	23.87	23.96	23.98	24.00	23.97	24.00
		100	0	23.72	23.98	24.04	24.04	23.84	23.81	22.88	23.02	23.01	22.98	23.04	23.02
	64QAM	1	0	22.56	22.64	22.85	22.75	22.65	22.71	21.67	21.79	21.86	21.99	22.01	21.76
		1	1	22.83	22.82	22.98	22.98	22.50	22.32	21.69	21.94	21.83	21.96	21.98	21.75
		1	104	22.87	23.03	22.89	22.96	22.76	22.75	21.70	21.94	21.92	21.91	21.94	21.78
		1	105	22.99	23.14	22.94	22.90	22.58	22.66	21.81	22.00	22.00	21.87	21.72	21.71
		50	25	23.12	23.33	23.43	23.46	23.24	23.20	22.36	22.41	22.43	22.43	22.44	22.44
		100	0	23.26	23.41	23.54	23.52	23.37	23.32	21.23	22.51	22.55	22.50	22.53	22.52
	256QAM	1	0	20.85	20.86	21.15	20.85	20.86	20.97	20.08	20.04	20.15	19.88	20.17	19.93
		1	1	20.91	21.07	20.93	20.81	20.81	20.87	20.17	20.09	20.19	19.93	20.13	20.06
		1	104	20.89	21.19	21.07	20.74	21.00	20.84	19.97	20.17	20.24	19.94	20.17	19.87
		1	105	20.99	20.99	20.93	20.85	20.90	20.77	19.96	20.08	20.21	20.13	19.86	19.98
		50	25	21.10	21.34	21.48	21.34	21.32	21.32	20.39	20.53	20.53	20.48	20.52	20.50
		100	0	21.22	21.42	21.49	21.36	21.31	21.37	20.46	20.56	20.57	20.53	20.53	20.56

OUTPUT POWER FOR 5G NR n7 (25.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 2			ANT 1			ANT 4		
				502500	507000	511500	502500	507000	511500	502500	507000	511500	502500	507000	511500
25.0	BPSK	1	0	24.44	24.47	24.84	24.67	24.36	24.67	23.56	23.53	23.64	23.55	23.67	23.71
		1	1	25.07	25.12	25.40	25.13	25.06	25.24	24.10	24.16	24.31	24.09	24.07	24.16
		1	131	24.96	25.26	25.00	25.40	25.09	24.87	24.01	24.28	24.23	24.24	24.23	24.03
		1	132	24.57	24.81	24.70	24.56	24.57	24.60	23.80	23.69	23.79	23.78	23.59	23.45
		64	32	25.59	25.54	25.68	25.67	25.58	25.54	24.48	24.69	24.56	24.54	24.60	24.60
		128	0	25.45	25.52	25.54	25.47	25.34	25.45	24.27	24.48	24.41	24.45	24.47	24.52
	QPSK	1	0	24.18	24.20	24.38	24.19	24.15	24.40	23.06	23.23	23.24	23.10	23.22	23.07
		1	1	25.09	25.24	25.37	25.23	25.36	25.35	24.03	24.10	24.32	24.09	24.25	24.12
		1	131	25.10	25.30	25.30	25.21	25.09	24.92	24.17	24.26	24.39	24.16	24.17	24.11
		1	132	24.22	24.41	24.32	24.26	24.31	24.11	23.08	23.26	23.50	23.32	23.14	23.20
		64	32	25.44	25.54	25.70	25.70	25.66	25.63	24.50	24.70	24.63	24.58	24.57	24.70
		128	0	24.86	25.08	25.14	24.96	25.04	25.04	23.85	23.97	24.02	24.02	24.00	24.11
	16QAM	1	0	22.87	22.85	23.14	23.08	23.14	23.27	21.70	22.01	22.08	21.89	21.71	21.99
		1	1	23.88	23.96	24.40	24.04	24.13	24.25	22.89	23.15	23.23	23.17	22.99	22.91
		1	131	23.79	24.07	24.24	24.13	24.02	23.92	22.91	23.17	23.24	23.10	22.86	22.97
		1	132	22.84	23.14	23.17	23.17	23.10	22.91	21.86	22.15	22.21	21.97	22.02	22.06
		64	32	24.69	24.94	24.94	24.95	24.97	24.88	23.85	24.00	23.93	23.97	24.03	24.01
		128	0	23.82	24.00	24.12	23.92	23.93	23.96	22.78	22.90	22.91	23.05	23.04	23.04
	64QAM	1	0	22.48	22.53	22.93	22.58	22.71	22.71	21.43	21.76	21.68	21.68	21.71	21.84
		1	1	22.47	22.50	23.05	22.65	22.67	22.74	21.48	21.77	21.63	21.39	21.67	21.66
		1	131	22.51	22.73	22.66	22.74	22.81	22.52	21.67	21.73	21.73	21.60	21.90	21.82
		1	132	22.70	22.86	22.53	22.64	22.79	22.53	21.47	21.55	21.67	21.80	21.72	21.72
		64	32	23.36	23.41	23.50	23.41	23.43	23.44	22.30	22.52	22.53	22.46	22.47	22.48
		128	0	23.36	23.55	23.69	23.33	23.43	23.44	22.31	22.54	22.53	22.54	22.56	22.56
	256QAM	1	0	20.97	20.66	21.22	21.03	20.94	21.17	19.64	19.62	19.95	19.74	19.87	19.81
		1	1	20.73	20.85	20.96	20.80	20.94	20.85	19.93	19.92	19.96	19.67	19.90	19.87
		1	131	20.57	21.09	21.10	20.85	20.80	20.92	20.06	20.04	20.08	19.96	19.87	19.74
		1	132	20.67	20.87	20.73	20.89	20.82	20.85	19.76	19.69	19.83	20.02	19.90	19.77
		64	32	21.26	21.42	21.55	21.41	21.47	21.47	20.36	20.47	20.48	20.43	20.52	20.55
		128	0	21.32	21.57	21.66	21.43	21.44	21.43	20.36	20.42	20.44	20.48	20.54	20.60

OUTPUT POWER FOR 5G NR n7 (30.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 2			ANT 1			ANT 4		
				503000	507000	511000	503000	507000	511000	503000	507000	511000	503000	507000	511000
30.0	BPSK	1	0	25.07	24.62	24.92	24.65	24.65	24.63	23.56	23.57	23.81	23.76	23.86	23.88
		1	1	25.18	25.29	25.51	25.02	25.09	25.31	23.95	24.21	24.26	24.38	24.35	24.42
		1	158	25.27	25.52	25.23	25.19	25.14	24.99	24.02	24.16	24.31	24.48	24.34	24.31
		1	159	24.61	25.05	24.83	24.66	24.60	24.37	23.64	23.55	23.75	23.94	23.93	23.77
		80	40	25.39	25.66	25.70	25.49	25.67	25.65	24.41	24.56	24.59	24.54	24.60	24.54
		160	0	25.14	25.40	25.45	25.13	25.23	25.23	24.05	24.24	24.38	24.41	24.49	24.40
	QPSK	1	0	24.29	24.58	24.71	24.18	24.22	24.40	23.08	23.14	23.31	23.34	23.50	23.49
		1	1	25.24	25.31	25.58	25.10	25.17	25.27	24.03	24.15	24.31	24.33	24.29	24.51
		1	158	25.39	25.56	25.42	25.09	25.19	24.97	24.20	24.25	24.23	24.45	24.60	24.34
		1	159	24.39	24.61	24.47	24.36	24.19	24.17	23.18	23.18	23.38	23.49	23.47	23.32
		80	40	25.43	25.62	25.64	25.60	25.70	25.67	24.44	24.70	24.66	24.60	24.70	24.64
		160	0	24.84	25.00	25.06	24.77	24.79	24.88	23.60	23.85	23.85	23.98	24.05	24.00
	16QAM	1	0	23.20	23.22	23.32	23.02	23.08	23.18	21.74	21.84	22.12	21.96	22.02	22.21
		1	1	24.12	24.09	24.30	23.90	24.22	24.21	22.70	22.94	23.14	23.11	23.28	23.26
		1	158	24.14	24.34	24.40	24.04	23.92	23.68	22.82	22.97	23.00	23.32	23.21	22.99
		1	159	23.01	23.17	23.28	22.78	22.92	22.54	21.78	21.96	22.02	22.31	22.39	22.31
		80	40	24.73	24.97	24.91	24.87	25.03	24.84	23.89	23.97	24.00	23.92	24.01	23.99
		160	0	23.74	23.92	24.00	23.69	23.84	23.80	22.60	22.79	22.83	22.91	23.07	22.89
	64QAM	1	0	22.80	22.96	23.04	22.37	22.71	22.77	21.44	21.43	21.58	21.79	21.84	22.03
		1	1	22.66	22.60	23.20	22.42	22.84	22.99	21.26	21.65	21.53	22.10	21.84	21.93
		1	158	22.54	23.27	23.06	22.80	22.81	22.42	21.45	21.67	21.72	21.76	21.95	21.59
		1	159	22.62	22.97	22.86	22.60	22.60	22.28	21.54	21.85	21.54	21.90	21.85	21.78
		80	40	23.33	23.45	23.45	23.40	23.47	23.34	22.36	22.50	22.40	22.45	22.52	22.50
		160	0	23.26	23.48	23.48	23.09	23.28	23.20	22.11	22.27	22.30	22.47	22.51	22.50
	256QAM	1	0	21.24	21.06	21.43	21.08	20.93	21.05	19.78	19.93	19.81	20.04	20.04	20.17
		1	1	20.99	20.79	21.15	20.72	21.23	21.04	19.79	19.75	19.97	20.21	20.15	20.12
		1	158	20.67	20.90	21.04	20.98	20.98	20.81	19.80	19.87	20.17	20.04	20.03	20.09
		1	159	20.98	21.02	21.13	20.93	20.96	20.86	19.83	19.86	20.12	20.11	20.05	20.02
		80	40	21.32	21.49	21.48	21.39	21.58	21.50	20.30	20.45	20.39	20.49	20.45	20.39
		160	0	21.27	21.45	21.48	21.18	21.35	21.26	20.13	20.35	20.30	20.47	20.49	20.54

OUTPUT POWER FOR 5G NR n7 (35.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 2			ANT 1			ANT 4		
				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	24.57	24.62	24.87	24.49	24.58	24.56	23.32	23.45	23.63	23.69	23.90	23.94
		1	1	25.10	25.31	25.32	24.91	25.06	25.32	23.96	23.84	24.14	24.27	24.28	24.44
		1	186	25.41	25.25	25.42	25.34	25.22	24.97	24.05	24.19	24.17	24.57	24.31	24.27
		1	187	25.01	24.79	24.96	24.80	24.56	24.46	23.52	23.70	23.70	23.93	23.85	23.65
		90	45	25.50	25.64	25.66	25.53	25.67	25.60	24.51	24.54	24.47	24.63	24.63	24.67
	QPSK	180	0	25.29	25.50	25.45	25.18	25.34	25.23	24.07	24.27	24.23	24.55	16.04	24.52
		1	0	24.36	24.41	24.35	24.21	24.29	24.38	23.01	23.05	23.11	23.23	23.44	23.37
		1	1	25.26	25.27	25.55	25.16	25.13	25.32	24.03	24.02	24.09	24.28	24.37	24.44
		1	186	25.43	25.31	25.37	25.27	25.20	25.06	24.07	24.27	24.22	24.44	24.34	24.36
		1	187	24.45	24.46	24.50	24.31	24.20	24.23	23.14	23.16	23.34	23.46	23.48	23.30
		90	45	25.46	25.69	25.70	25.53	25.70	25.68	24.51	24.70	24.64	24.66	24.70	24.65
	16QAM	180	0	24.79	25.08	25.11	24.67	24.88	24.81	23.64	23.85	23.77	24.11	24.10	24.05
		1	0	23.14	23.17	23.28	23.07	22.89	23.13	22.00	21.82	21.96	22.18	22.18	22.28
		1	1	24.11	24.21	24.48	23.94	23.91	23.91	22.74	22.96	22.98	23.32	23.21	23.22
		1	186	24.31	24.09	24.15	23.96	23.94	23.74	22.86	22.81	23.03	23.17	23.22	23.12
		1	187	23.41	23.23	23.19	22.96	23.07	22.89	21.71	21.94	21.72	21.96	22.24	22.24
		90	45	24.89	24.95	25.02	24.88	25.08	25.01	23.81	24.00	23.90	24.08	24.06	24.10
	64QAM	180	0	23.85	24.13	24.15	23.70	23.83	23.80	22.63	22.83	22.76	23.11	23.06	23.06
		1	0	22.79	22.89	23.04	22.53	22.62	22.65	21.63	21.41	21.52	21.83	21.63	21.78
		1	1	22.67	22.94	22.99	22.69	22.70	22.72	21.37	21.41	21.30	21.87	21.92	21.86
		1	186	22.68	22.97	22.77	22.81	22.76	22.37	21.78	21.51	21.64	21.79	21.72	22.05
		1	187	22.72	23.20	22.99	22.88	22.66	22.51	21.38	21.73	21.85	21.38	21.92	21.88
		90	45	23.37	23.54	23.50	23.37	23.52	23.41	22.29	22.45	22.49	22.52	22.46	22.52
	256QAM	180	0	23.31	23.48	23.62	23.15	23.34	23.24	22.11	22.32	22.27	22.53	22.60	22.57
		1	0	20.78	21.18	20.99	20.69	21.05	20.86	19.32	19.63	19.72	20.08	19.77	20.20
		1	1	20.82	21.08	21.08	20.80	20.80	20.52	19.45	19.75	19.68	20.00	19.85	19.95
		1	186	21.19	21.25	21.31	20.74	20.99	20.56	19.85	19.88	19.92	20.06	20.03	19.95
		1	187	21.13	21.12	21.13	20.79	20.87	20.63	19.96	19.89	19.94	20.08	20.07	20.00
		90	45	21.39	21.59	21.57	21.38	21.60	21.48	20.29	20.49	20.43	20.49	20.48	20.48
		180	0	21.38	21.57	21.60	21.17	21.32	21.24	20.05	20.35	20.23	20.57	20.56	20.53

OUTPUT POWER FOR 5G NR n7 (40.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 2			ANT 1			ANT 4		
				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	24.49	24.45	24.55	24.44	24.55	24.56	23.39	23.55	23.63	23.77	23.92	23.79
		1	1	24.97	24.90	25.12	24.93	25.05	24.91	23.96	24.06	24.17	24.22	24.30	24.40
		1	214	25.16	24.99	25.20	25.10	25.09	24.62	24.23	24.04	24.14	24.43	24.27	24.24
		1	215	24.76	24.54	24.79	24.84	24.61	24.54	23.64	23.71	23.84	24.03	23.91	23.81
		108	54	25.25	25.36	25.50	25.48	25.70	25.32	24.43	24.60	24.39	24.58	24.70	24.55
	QPSK	216	0	25.14	25.21	25.25	25.11	25.18	25.13	24.01	24.26	24.12	24.46	24.54	24.43
		1	0	24.16	24.15	24.18	24.24	24.05	24.28	22.93	22.98	22.94	23.36	23.40	23.37
		1	1	25.10	25.04	25.20	24.94	25.06	25.21	23.90	23.97	24.11	24.43	24.34	24.66
		1	214	25.70	25.23	25.21	25.39	24.96	24.88	24.26	24.14	24.23	24.52	24.48	24.21
		1	215	24.42	24.30	24.35	24.27	24.25	24.15	23.29	23.25	23.19	23.72	23.23	23.38
		108	54	25.39	25.45	25.53	25.54	25.70	25.53	24.43	24.70	24.44	24.65	24.63	24.69
	16QAM	216	0	24.80	24.90	24.92	24.72	24.74	24.78	23.64	23.84	23.68	24.08	24.04	23.97
		1	0	22.96	23.00	22.84	22.95	22.87	23.20	21.87	21.64	21.62	21.98	22.09	22.16
		1	1	23.77	23.81	23.85	23.64	23.98	23.86	22.99	22.83	22.59	23.02	23.20	23.56
		1	214	24.39	24.16	24.05	24.15	23.71	23.79	22.83	23.01	23.05	23.25	23.13	23.19
		1	215	23.09	23.06	23.06	23.06	23.00	22.65	21.99	21.87	21.81	22.45	22.27	22.14
		108	54	24.65	24.68	24.89	24.75	25.02	24.79	23.79	23.98	23.76	23.96	24.00	24.02
	64QAM	216	0	23.76	23.83	23.83	23.73	23.75	23.80	22.59	22.71	22.61	23.01	23.04	22.97
		1	0	22.68	22.54	22.56	22.82	22.81	22.77	21.31	21.30	21.81	21.34	21.89	21.91
		1	1	22.28	22.76	22.49	22.92	22.56	22.56	21.49	21.39	21.66	21.50	21.95	21.92
		1	214	22.87	22.78	22.73	23.15	22.66	22.43	21.57	21.54	21.73	21.96	21.72	21.86
		1	215	22.69	22.70	22.75	22.65	22.35	22.11	21.63	21.57	21.62	22.08	21.67	21.56
		108	54	23.12	23.20	23.36	23.20	23.48	23.23	22.18	22.42	22.15	22.49	22.45	22.38
	256QAM	216	0	23.21	23.31	23.37	23.21	23.22	23.13	22.08	22.27	22.16	22.60	22.55	22.46
		1	0	20.78	20.76	20.99	20.91	20.91	20.92	19.70	19.78	19.63	20.22	20.11	20.31
		1	1	20.81	20.85	20.82	20.76	20.70	20.71	19.37	19.31	19.70	20.16	19.94	19.93
		1	214	20.61	20.90	20.98	20.66	20.54	20.53	19.79	19.48	19.94	20.51	19.93	20.01
		1	215	20.91	20.66	20.81	20.77	20.75	20.50	19.55	19.82	20.04	20.12	19.98	19.82
		108	54	21.13	21.26	21.44	21.32	21.48	21.27	20.13	20.47	20.13	20.43	20.50	20.43
		216	0	21.24	21.38	21.45	21.26	21.24	21.25	20.11	20.19	20.18	20.59	20.55	20.47

OUTPUT POWER FOR 5G NR n7 (50.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 2			ANT 1			ANT 4		
				505000	507000	509000	505000	507000	509000	505000	507000	509000	505000	507000	509000
50.0	BPSK	1	0	24.41	24.49	24.57	24.29	24.37	24.38	23.23	23.25	23.61	23.49	23.54	23.36
		1	1	25.04	24.74	25.02	24.87	25.02	24.62	23.90	23.87	24.06	23.92	15.53	23.96
		1	268	25.43	25.25	25.07	24.88	24.99	24.72	24.04	23.95	24.12	24.14	24.22	23.99
		1	269	24.93	24.98	24.78	24.42	24.51	24.27	23.39	23.46	23.57	23.62	23.71	23.33
		135	67	25.38	25.59	25.58	25.40	25.60	25.40	24.20	24.66	24.56	24.53	24.49	24.41
		270	0	25.47	25.48	25.50	25.09	25.17	24.99	24.11	24.22	24.36	24.44	24.45	24.41
		1	0	24.11	23.98	24.44	23.98	23.99	23.98	23.03	23.03	23.03	23.00	23.24	23.01
	QPSK	1	1	25.13	25.05	25.15	24.90	25.09	24.90	23.73	23.94	24.16	24.04	24.18	24.16
		1	268	25.41	25.34	25.17	24.81	24.90	24.79	23.98	24.08	24.12	24.11	24.27	24.00
		1	269	24.38	24.43	24.37	23.88	23.92	23.99	23.21	22.89	23.16	23.09	23.19	23.08
		135	67	25.57	25.70	25.63	25.56	25.70	25.33	24.48	24.70	24.58	24.70	24.57	24.58
		270	0	25.10	25.12	25.11	24.70	24.75	24.80	23.73	23.75	23.99	24.19	23.99	23.92
		1	0	23.07	23.10	22.95	22.77	22.91	22.73	21.68	21.79	21.57	21.94	21.79	21.80
		1	1	24.03	23.51	24.02	23.83	23.82	23.75	22.66	22.59	22.83	22.75	22.89	22.67
	16QAM	1	268	24.33	23.98	24.10	23.70	23.52	23.60	22.86	23.09	22.97	23.08	22.71	23.02
		1	269	23.43	23.01	23.27	22.71	23.03	22.38	21.88	21.56	21.79	22.01	21.88	21.94
		135	67	24.89	25.00	25.00	24.79	25.03	24.69	23.80	24.14	23.83	24.02	23.93	23.92
		270	0	24.05	24.07	24.05	23.68	23.75	23.64	22.72	22.75	22.78	23.05	23.01	22.91
		1	0	22.72	22.78	22.78	22.28	22.51	22.33	21.43	21.37	21.40	21.52	21.55	21.48
		1	1	22.48	22.29	22.57	22.30	22.67	22.38	21.30	21.51	21.52	21.69	21.60	21.62
		1	268	23.18	22.70	22.48	22.49	22.66	22.30	21.61	21.04	21.82	21.32	21.63	21.39
	64QAM	1	269	22.99	22.50	22.76	22.28	22.24	22.18	21.21	21.35	21.62	21.63	21.51	21.57
		135	67	23.42	23.46	23.58	23.26	23.58	23.25	22.28	22.64	22.35	22.54	22.43	22.40
		270	0	23.45	23.51	23.56	23.18	23.16	23.12	22.23	22.31	22.24	22.55	22.50	22.44
	256QAM	1	0	20.44	20.99	20.94	20.52	20.80	20.52	19.53	19.69	19.50	19.72	19.58	19.77
		1	1	20.51	20.57	20.78	20.59	20.73	20.56	19.56	19.41	19.61	19.85	19.89	19.70
		1	268	20.60	21.15	21.16	20.68	20.37	20.49	19.62	19.58	19.92	20.01	19.80	19.64
		1	269	20.95	20.93	21.14	20.73	20.72	20.42	19.63	19.73	19.63	19.71	19.58	19.64
		135	67	21.40	21.46	21.61	21.27	21.56	21.27	20.28	20.65	20.45	20.47	20.42	20.38
		270	0	21.55	21.58	21.64	21.16	21.17	21.16	20.23	20.32	20.39	20.66	20.53	20.43

8.3. ULCA LTE BAND 7

Test Engineer ID:	25780	Test Date:	2025-03-07
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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 (MHz)	Frequency (MHz)	RB Size	RB Offset	RB Size	RB Offset	ANT 3				ANT 2				ANT 1				ANT 4			
							QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
10MHz / 20MHz	2505.5	2519.9	1	49	1	0	25.47	24.42	23.44	20.51	25.38	24.41	23.52	20.44	24.57	23.46	22.64	19.65	24.44	23.47	22.43	19.43
			50	0	100	0	23.68	22.54	22.53	20.64	23.70	22.57	22.57	20.52	22.60	21.70	21.69	19.65	22.63	21.70	21.68	19.66
			1	49	1	0	25.25	24.44	23.23	20.44	25.27	24.36	23.38	20.22	24.33	23.32	22.45	19.42	24.31	23.36	22.43	19.43
	2525.6	2540.0	50	0	100	0	23.53	22.52	22.58	20.65	23.52	22.57	22.57	20.55	22.67	21.69	21.67	19.64	22.59	21.63	21.66	19.63
			1	49	1	0	25.36	24.35	23.39	20.45	25.23	24.39	23.35	20.27	24.42	23.44	22.47	19.48	24.23	23.25	22.22	19.36
			50	0	100	0	23.65	22.66	22.65	20.70	23.49	22.57	22.57	20.51	22.68	21.70	21.69	19.64	22.47	21.52	21.53	19.50

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

Bandwidth	PCC	SCC1	PCC	PCC	SCC1	SCC1	Conducted Average (dBm)															
	Frequency (MHz)	Frequency (MHz)	RB	RB	RB	RB	ANT 3				ANT 2				ANT 1				ANT 4			
			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	25.61	24.50	23.29	20.29	25.46	24.42	23.42	20.51	24.42	23.34	22.42	19.40	24.43	23.44	22.39	19.49
			100	0	50	0	23.55	22.54	22.61	20.52	23.20	22.21	22.56	20.62	22.47	21.45	21.65	19.65	22.62	21.70	21.69	19.65
			1	99	1	0	25.36	24.51	23.26	20.27	25.33	24.34	23.64	20.52	24.35	23.37	22.50	19.52	24.25	23.22	22.32	19.29
	2530.1	2544.5	100	0	50	0	23.70	22.65	22.61	20.58	23.55	22.52	22.50	20.66	22.66	21.70	21.70	19.65	22.55	21.65	21.64	19.59
			1	99	1	0	25.53	24.51	23.24	20.31	25.30	24.33	23.31	20.51	24.27	23.36	22.42	19.33	24.22	23.22	22.30	19.32
			100	0	50	0	23.60	22.62	22.51	20.59	23.69	22.67	22.70	20.59	22.64	21.69	21.66	19.61	22.45	21.53	21.54	19.49

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

Bandwidth	PCC	SCC1	PCC	PCC	SCC1	SCC1	Conducted Average (dBm)															
	Frequency	Frequency	RB	Offset	RB	Offset	ANT 3				ANT 2				ANT 1				ANT 4			
	(MHz)	(MHz)	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	25.33	24.46	23.25	20.23	25.50	24.50	23.57	20.69	24.47	23.60	22.66	19.64	24.49	23.49	22.58	19.57
			75	0	75	0	23.48	22.30	22.42	20.33	23.60	22.67	22.58	20.64	22.60	21.66	21.68	19.67	22.62	21.68	21.69	19.66
	2527.5	2542.5	1	74	1	0	25.42	24.37	23.28	20.43	25.40	24.36	23.54	20.70	24.42	23.47	22.50	19.56	24.43	23.57	22.60	19.62
			75	0	75	0	23.47	22.39	22.58	20.37	23.59	22.67	22.67	20.66	22.61	21.70	21.67	19.68	22.58	21.68	21.70	19.64
	2547.5	2562.5	1	74	1	0	25.38	24.30	23.33	20.28	25.49	24.36	23.49	20.68	24.46	23.46	22.58	19.63	24.28	23.44	22.40	19.52
			75	0	75	0	23.45	22.50	22.70	20.38	23.57	22.67	22.63	20.60	22.57	21.66	21.70	19.63	22.45	21.58	21.57	19.55

OUTPUT POWER FOR ULCA LTE BAND 7 (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 2				ANT 1				ANT 4			
							QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
15MHz / 20MHz	2507.8	2524.9	1	74	1	0	25.67	24.57	23.49	20.53	25.47	24.38	23.66	20.70	24.36	23.36	22.51	19.54	24.42	23.46	22.55	19.61
			75	0	100	0	23.67	22.65	22.64	20.61	23.48	22.57	22.61	20.55	22.47	21.56	21.58	19.65	22.65	21.70	21.69	19.68
	2525.3	2542.4	1	74	1	0	25.57	24.47	23.49	20.48	25.39	24.23	23.31	20.63	24.63	23.60	22.67	19.47	24.39	23.49	22.48	19.54
			75	0	100	0	23.68	22.65	22.64	20.65	23.58	22.68	22.66	20.61	22.54	21.62	21.61	19.61	22.62	21.66	21.65	19.64
	2542.9	2560.0	1	74	1	0	25.62	24.47	23.63	20.52	25.24	24.33	23.34	20.47	24.53	23.22	22.57	19.60	24.30	23.28	22.35	19.34
			75	0	100	0	23.70	22.67	22.66	20.63	23.25	22.22	22.51	20.41	22.54	21.52	21.60	19.70	22.44	21.46	21.49	19.46

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 2				ANT 1				ANT 4			
							QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
20MHz / 15MHz	2510.0	2527.1	1	99	1	0	25.40	24.53	23.55	20.41	25.40	24.23	23.29	20.42	24.54	23.50	22.55	19.54	24.44	23.43	22.46	19.58
			100	0	75	0	23.70	22.67	22.69	20.64	23.36	22.48	22.67	20.39	22.53	21.64	21.64	19.59	22.64	21.70	21.70	19.67
			1	99	1	0	25.53	24.46	23.51	20.34	25.26	24.37	23.45	20.59	24.45	23.40	22.58	19.62	24.37	23.37	22.43	19.43
	2527.6	2544.7	100	0	75	0	23.67	22.69	22.67	20.69	23.42	22.50	22.70	20.48	22.61	21.70	21.69	19.67	22.59	21.65	21.63	19.64
			1	99	1	0	25.65	24.51	23.62	20.54	25.28	24.32	23.23	20.38	24.42	23.46	22.49	19.50	24.26	23.21	22.30	19.36
			100	0	75	0	23.70	22.70	22.69	20.70	23.40	22.50	22.67	20.40	22.57	21.66	21.64	19.60	22.43	21.47	21.48	19.45

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 2				ANT 1				ANT 4			
							QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
20MHz/ 20MHz	2510.0	2529.8	1	99	1	0	25.46	24.30	23.46	20.42	25.35	24.26	23.57	20.41	24.39	23.31	22.45	19.43	24.38	23.35	22.52	19.46
			1	0	1	99	17.17	17.01	17.09	17.00	17.13	17.15	17.16	17.01	16.17	16.13	16.20	16.13	16.10	16.07	16.07	16.05
			100	0	100	0	24.68	23.65	22.60	20.62	24.41	23.70	22.63	20.56	23.54	22.54	21.62	19.67	23.59	22.58	21.70	19.63
	2525.1	2544.9	1	99	1	0	25.52	24.33	23.40	20.26	25.24	24.25	23.29	20.59	24.35	23.30	22.42	19.43	24.26	23.36	22.42	19.45
			1	0	1	99	17.20	17.13	17.19	17.12	17.08	17.00	17.09	17.02	16.20	16.04	16.14	16.10	16.06	16.02	16.03	16.01
			100	0	100	0	24.70	23.68	22.60	20.54	24.59	23.50	22.63	20.53	23.56	22.54	21.61	19.57	23.58	22.61	21.68	19.61
	2540.2	2560.0	1	99	1	0	25.60	24.38	23.46	20.33	25.36	24.28	23.50	20.47	24.35	23.29	22.47	19.51	24.28	23.27	22.25	19.24
			1	0	1	99	17.18	17.14	17.12	17.05	17.09	16.98	16.92	16.85	16.01	15.98	15.97	15.98	16.15	16.14	16.17	16.07
			100	0	100	0	24.69	23.68	22.63	20.59	24.37	23.56	22.58	20.50	23.49	22.50	21.62	19.55	23.37	22.40	21.50	19.46

8.4. LTE BAND 41 (FCC)

Test Engineer ID:	39005	Test Date:	2025-03-13
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OUTPUT POWER FOR LTE BAND 41 (5.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 2			ANT 1			ANT 4		
				39675 2498.5	40620 2593.0	41565 2687.5	39675 2498.5	40620 2593.0	41565 2687.5	39675 2498.5	40620 2593.0	41565 2687.5	39675 2498.5	40620 2593.0	41565 2687.5
5.0	QPSK	1	0	24.57	28.05	27.61	24.27	28.21	27.28	23.92	28.14	27.23	24.22	28.22	27.25
		1	12	27.41	28.23	27.79	27.28	28.13	27.32	26.92	28.05	27.02	27.10	28.17	27.19
		1	24	27.56	27.98	27.76	27.38	28.16	27.21	27.05	28.20	27.04	27.20	27.96	27.10
		2	0	25.00	28.51	28.20	24.73	28.70	27.70	24.55	28.53	27.48	24.82	28.70	27.70
		2	23	28.20	28.70	28.10	27.70	28.67	27.70	27.70	28.70	27.70	27.70	28.56	27.66
		12	0	24.02	27.91	27.27	23.79	27.84	26.70	23.69	27.83	26.48	23.84	27.74	26.68
		12	6	24.05	27.67	27.13	23.92	27.62	26.77	23.50	27.66	26.75	23.75	27.63	26.81
		12	11	27.13	27.61	27.19	26.82	27.64	26.78	26.44	27.55	26.53	26.79	27.64	26.72
	16QAM	25	0	24.13	27.49	27.12	23.76	27.68	26.62	23.67	27.81	26.68	23.76	27.69	26.69
		1	0	23.49	27.02	26.81	23.33	27.01	26.23	23.05	27.29	25.98	23.30	27.17	26.37
		1	12	26.47	27.10	26.59	26.23	27.18	26.24	26.18	27.30	26.06	26.14	27.13	26.11
		1	24	26.58	27.04	26.72	26.32	27.02	26.23	26.01	27.05	26.02	26.03	27.25	26.11
		2	0	24.03	27.62	27.21	23.72	27.70	26.69	23.66	27.52	26.46	23.71	27.54	26.78
		2	23	26.94	27.68	27.25	26.72	27.61	26.52	26.64	27.67	26.47	26.83	27.61	26.73
		12	0	23.00	26.76	26.20	22.70	26.70	25.55	22.67	26.76	25.53	22.54	26.71	25.72
		12	6	22.95	26.65	26.11	22.68	26.54	25.54	22.44	26.77	25.52	22.66	26.60	25.66
	64QAM	12	11	25.97	26.73	26.33	25.79	26.69	25.66	25.46	26.68	25.69	25.72	26.46	25.63
		25	0	23.07	26.51	26.30	22.66	26.68	25.62	22.64	26.64	25.58	22.67	26.61	25.64
		1	0	22.42	26.20	25.62	22.17	26.16	25.07	22.18	26.31	25.05	22.24	26.05	25.15
		1	12	25.58	26.07	25.65	25.18	26.12	25.12	25.17	26.17	25.05	25.34	26.09	25.27
		1	24	25.61	26.07	25.73	25.14	26.03	25.08	25.03	26.03	24.99	25.16	26.14	25.17
		2	0	22.95	26.62	26.14	22.67	26.63	25.65	22.59	26.81	25.49	22.70	26.56	25.88
		2	23	25.89	26.71	26.27	25.82	26.65	25.67	25.62	26.55	25.67	25.86	26.66	25.70
		12	0	22.05	25.91	25.19	21.77	25.66	24.64	21.56	25.75	24.75	21.81	25.66	24.86
	256QAM	12	6	22.02	25.62	25.09	21.71	25.65	24.73	21.50	25.71	24.56	21.56	25.76	24.79
		12	11	25.08	25.65	25.09	24.83	25.56	24.58	24.63	25.54	24.71	24.53	25.69	24.82
		25	0	21.94	25.69	25.11	21.75	25.52	24.54	21.63	25.57	24.57	21.76	25.58	24.69
		1	0	19.61	23.14	22.67	19.15	23.02	22.20	19.19	23.26	21.97	19.06	22.98	22.24
		1	12	22.48	23.09	22.79	22.31	23.18	22.03	22.02	23.29	22.24	22.35	23.06	22.36
		1	24	22.56	23.15	22.62	22.33	23.06	22.24	22.20	23.03	22.00	22.12	23.09	22.08
		2	0	20.09	23.63	23.18	19.67	23.46	22.72	19.56	24.01	22.63	19.73	23.69	22.87
		2	23	23.12	23.73	23.29	22.80	23.67	22.68	22.66	23.77	22.58	22.85	23.91	22.80

OUTPUT POWER FOR LTE BAND 41 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 2			ANT 1			ANT 4		
				39700 2501.0	40620 2593.0	41540 2685.0	39700 2501.0	40620 2593.0	41540 2685.0	39700 2501.0	40620 2593.0	41540 2685.0	39700 2501.0	40620 2593.0	41540 2685.0
10.0	QPSK	1	0	22.70	28.26	27.59	22.20	28.24	27.38	22.20	28.02	27.25	22.20	28.07	27.10
		1	24	27.73	28.08	27.58	27.38	28.23	27.32	27.34	28.00	27.12	27.23	28.17	27.15
		1	49	27.57	28.19	27.68	27.21	28.15	27.38	27.21	28.19	27.12	27.27	28.27	27.03
		2	0	23.17	28.63	28.12	22.68	28.70	27.69	22.63	28.70	27.70	22.69	28.70	27.51
		2	48	28.20	28.70	28.20	27.70	28.60	27.70	27.70	28.66	27.69	27.70	28.66	27.70
		25	0	24.17	27.88	27.32	23.67	27.94	26.84	23.64	27.84	26.68	23.71	27.79	26.51
		25	12	27.05	27.58	27.20	26.81	27.81	26.87	26.83	27.70	26.78	26.79	27.63	26.43
		25	24	26.04	27.60	27.16	25.87	27.72	26.64	25.86	27.62	26.61	25.62	27.84	26.47
	16QAM	50	0	24.13	27.70	27.32	23.88	27.74	26.67	23.66	27.72	26.68	23.78	27.78	26.62
		1	0	21.60	26.99	26.74	21.26	27.30	26.37	21.28	27.16	26.06	21.22	27.01	26.04
		1	24	26.61	27.06	26.57	26.22	27.17	26.17	26.24	27.04	26.22	26.03	27.23	25.92
		1	49	26.69	27.08	26.76	26.31	27.25	26.19	26.39	27.12	26.14	26.08	27.24	25.88
		2	0	21.98	27.70	27.08	21.74	27.70	26.66	21.90	27.55	26.78	21.44	27.55	26.66
		2	48	27.13	27.63	27.17	26.85	27.70	26.78	26.77	27.69	26.66	26.68	27.70	26.33
		25	0	23.16	26.90	26.24	22.82	26.82	25.65	22.89	26.70	25.57	22.62	26.90	25.61
		25	12	26.16	26.61	26.25	25.78	26.61	25.70	25.69	26.54	25.63	25.68	26.79	25.34
	64QAM	25	24	25.08	26.69	26.10	24.86	26.65	25.75	24.66	26.52	25.69	24.58	26.62	25.57
		50	0	23.20	26.55	26.05	22.73	26.69	25.65	22.69	26.70	25.59	22.73	26.73	25.51
		1	0	20.58	26.18	25.54	20.19	26.07	25.27	20.38	26.19	25.06	20.19	26.02	25.13
		1	24	25.73	26.15	25.57	25.23	26.11	25.22	25.13	26.18	25.08	24.98	26.28	25.07
		1	49	25.53	26.02	25.54	25.28	26.09	25.24	25.28	26.13	25.03	24.93	26.24	25.00
		2	0	21.12	26.60	26.02	20.89	26.71	25.79	20.71	26.64	25.65	20.49	26.75	25.67
		2	48	26.12	26.69	26.05	25.67	26.79	25.75	25.62	26.55	25.51	25.66	26.80	25.55
		25	0	22.22	25.86	25.08	21.82	25.90	24.64	21.81	25.92	24.76	21.69	25.85	24.34
	256QAM	25	12	25.01	25.59	25.21	24.86	25.57	24.79	24.81	25.47	24.65	24.70	25.53	24.52
		25	24	24.14	25.70	25.23	23.87	25.72	24.87	23.67	25.65	24.51	23.69	25.71	24.33
		50	0	22.12	25.59	25.21	21.88	25.75	24.67	21.64	25.54	24.79	21.68	25.80	24.54
		1	0	17.66	23.18	22.61	17.28	23.11	22.33	17.12	23.22	22.03	16.98	23.06	22.04
		1	24	22.62	23.15	22.69	22.35	23.09	22.16	22.30	23.03	22.18	21.96	23.12	22.06
		1	49	22.66	23.22	22.58	22.25	23.21	22.21	22.12	22.99	22.07	22.01	23.29	22.13
		2	0	18.16	23.90	23.20	17.89	23.94	22.68	17.73	23.49	22.76	17.48	23.56	22.63
		2	48	23.20	23.57	23.03	22.84	23.81	22.83	22.77	23.76	22.77	22.54	23.82	22.42

OUTPUT POWER FOR LTE BAND 41 (15.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 2			ANT 1			ANT 4		
				39725 2503.5	40620 2593.0	41515 2682.5	39725 2503.5	40620 2593.0	41515 2682.5	39725 2503.5	40620 2593.0	41515 2682.5	39725 2503.5	40620 2593.0	41515 2682.5
15.0	QPSK	1	0	22.58	28.07	27.61	22.10	28.04	27.10	22.33	28.10	27.26	22.18	28.29	26.99
		1	37	27.73	28.01	27.62	27.10	28.20	27.09	27.23	28.08	27.27	27.15	28.35	27.02
		1	74	27.62	28.20	27.58	27.31	28.05	27.11	27.42	28.06	27.39	27.00	28.35	26.93
		2	0	23.22	28.70	28.20	22.66	28.70	27.70	22.90	28.70	27.70	22.76	28.70	27.67
		2	73	28.20	28.64	28.03	27.70	28.52	27.58	27.70	28.64	27.68	27.70	28.59	27.70
		36	0	23.22	27.91	27.01	22.66	27.70	26.69	22.67	27.92	26.64	22.78	27.97	26.64
		36	16	27.09	27.56	27.22	26.71	27.66	26.73	26.75	27.75	26.88	26.56	27.85	26.59
		36	35	24.19	27.64	27.15	23.63	27.68	26.61	23.63	27.64	26.75	23.81	27.62	26.46
		75	0	23.00	27.69	27.18	22.61	27.64	26.57	22.74	27.49	26.82	22.77	27.71	26.75
		1	0	21.56	27.06	26.64	21.22	27.03	26.10	21.18	27.04	26.24	21.14	27.19	26.18
	16QAM	1	37	26.48	26.97	26.53	26.19	27.03	26.13	26.18	27.09	26.31	26.23	27.13	25.88
		1	74	26.57	27.01	26.51	26.24	27.09	26.04	26.21	27.04	26.22	26.05	27.03	26.20
		2	0	22.21	27.55	27.13	21.81	27.66	26.54	21.70	27.58	26.75	21.66	27.70	26.50
		2	73	27.14	27.70	27.09	26.62	27.51	26.57	26.67	27.70	26.64	26.50	27.57	26.59
		36	0	22.02	26.68	26.16	21.70	26.78	25.58	21.88	26.72	25.66	21.53	26.78	25.45
		36	16	25.99	26.51	26.13	25.78	26.60	25.74	25.92	26.72	25.72	25.48	26.77	25.54
		36	35	23.01	26.56	26.23	22.72	26.68	25.67	22.74	26.71	25.87	22.47	26.73	25.41
		75	0	22.06	26.49	26.02	21.64	26.53	25.70	21.79	26.57	25.85	21.67	26.65	25.37
		1	0	20.50	26.04	25.75	20.13	26.17	25.24	20.22	26.24	25.41	19.97	26.26	25.15
		1	37	25.70	26.02	25.54	25.22	26.15	25.08	25.40	26.09	25.25	24.93	26.19	24.86
		1	74	25.72	26.18	25.71	25.27	26.20	25.18	25.19	26.15	25.16	25.02	26.01	24.88
	64QAM	2	0	21.05	26.47	26.10	20.65	26.66	25.69	20.77	26.60	25.69	20.52	26.77	25.41
		2	73	26.09	26.58	26.15	25.75	26.51	25.75	25.91	26.55	25.83	25.58	26.52	25.54
		36	0	20.99	25.85	25.09	20.60	25.70	24.71	20.91	25.82	24.64	20.68	25.84	24.56
		36	16	25.20	25.67	25.14	24.70	25.52	24.78	24.93	25.64	24.82	24.67	25.71	24.51
		36	35	22.11	25.49	25.20	21.58	25.70	24.78	21.79	25.49	24.64	21.69	25.62	24.52
		75	0	21.17	25.51	25.11	20.72	25.55	24.69	20.77	25.73	24.92	20.44	25.71	24.39
		1	0	17.67	23.07	22.74	17.20	23.21	22.06	17.27	23.25	22.35	17.05	23.06	21.86
		1	37	22.51	23.03	22.67	22.29	23.01	22.15	22.27	23.13	22.38	22.01	23.20	21.99
		1	74	22.68	23.17	22.66	22.18	23.19	22.18	22.32	23.04	22.43	22.10	23.23	21.95
		2	0	18.13	23.84	23.25	17.69	23.60	22.77	17.67	23.75	22.87	17.65	23.65	22.65
	256QAM	2	73	23.20	23.51	23.16	22.64	23.76	22.76	22.87	23.66	22.91	22.76	23.80	22.52
		36	0	19.14	23.54	23.21	18.66	23.49	22.65	18.89	23.55	22.80	18.56	23.59	22.47
		36	16	23.02	23.56	23.23	22.51	23.58	22.76	22.67	23.58	22.87	22.56	23.68	22.60
		36	35	19.99	23.63	23.15	19.66	23.50	22.61	19.89	23.58	22.81	19.69	23.48	22.47
		75	0	19.03	23.71	23.06	18.77	23.70	22.50	18.78	23.64	22.77	18.43	23.69	22.55

OUTPUT POWER FOR LTE BAND 41 (20.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 2			ANT 1			ANT 4		
				39750 2506.0	40620 2593.0	41490 2680.0	39750 2506.0	40620 2593.0	41490 2680.0	39750 2506.0	40620 2593.0	41490 2680.0	39750 2506.0	40620 2593.0	41490 2680.0
20.0	QPSK	1	0	22.50	28.38	27.66	22.13	28.30	27.06	21.92	28.15	27.11	22.31	28.21	27.06
		1	49	27.51	28.36	27.58	27.08	28.22	27.15	27.15	28.13	26.99	27.28	28.02	27.19
		1	99	27.48	28.34	27.62	27.19	28.29	27.15	26.91	28.26	27.08	27.12	27.97	27.18
		2	0	23.16	28.68	28.20	22.73	28.70	27.61	22.59	28.70	27.70	22.78	28.66	27.70
		2	98	28.20	28.70	28.12	27.70	28.70	27.70	27.70	28.70	27.46	27.70	28.70	27.47
		50	0	23.09	27.88	27.12	22.72	28.00	26.54	22.52	27.97	26.58	22.69	27.63	26.43
		50	24	26.99	27.64	27.19	26.59	27.72	26.68	26.45	27.71	26.60	26.62	27.49	26.57
		50	49	24.15	27.69	27.06	23.66	27.65	26.55	23.46	27.73	26.67	23.77	27.43	26.65
		100	0	23.20	27.72	27.03	22.54	27.81	26.70	22.50	27.81	26.66	22.73	27.42	26.50
		1	0	21.55	27.04	26.47	20.99	27.11	25.90	21.03	27.20	25.96	21.35	27.21	25.94
	16QAM	1	49	26.50	27.25	26.56	25.99	27.11	25.90	25.91	27.21	25.97	26.25	27.25	25.97
		1	99	26.50	27.05	26.50	25.87	27.02	25.87	25.91	27.28	26.22	26.10	27.05	26.19
		2	0	22.03	27.70	27.03	21.43	27.70	26.49	21.61	27.63	26.56	21.73	27.58	26.72
		2	98	26.94	27.54	27.11	26.53	27.63	26.42	26.44	27.67	26.61	26.72	27.51	26.56
		50	0	22.11	26.98	26.13	21.58	26.68	25.40	21.46	26.93	25.55	21.87	26.86	25.47
		50	24	26.10	26.55	26.16	25.36	26.66	25.45	25.49	26.60	25.64	25.93	26.64	25.53
		50	49	23.00	26.68	25.96	22.53	26.54	25.34	22.44	26.69	25.62	22.73	26.61	25.48
		100	0	21.95	26.65	26.11	21.40	26.59	25.35	21.69	26.56	25.49	21.93	26.46	25.57
		1	0	20.56	26.11	25.50	20.07	26.00	24.90	20.01	26.34	25.19	20.19	26.11	25.04
		1	49	25.37	26.26	25.62	25.00	26.12	25.03	24.93	26.29	25.13	25.38	26.21	25.08
	64QAM	1	99	25.46	26.10	25.42	25.08	26.21	25.01	24.96	26.14	25.08	25.14	26.20	25.14
		2	0	21.04	26.58	25.95	20.54	26.51	25.41	20.67	26.82	25.68	20.89	26.49	25.60
		2	98	25.99	26.58	26.16	25.49	26.60	25.37	25.67	26.64	25.68	25.64	26.50	25.72
		50	0	20.97	25.96	25.12	20.40	25.86	24.42	20.58	25.76	24.48	20.67	25.65	24.59
		50	24	24.97	25.64	25.09	24.38	25.49	24.54	24.63	25.71	24.58	24.86	25.63	24.42
		50	49	22.00	25.62	24.92	21.45	25.66	24.33	21.49	25.67	24.51	21.64	25.72	24.66
		100	0	20.97	25.64	24.98	20.38	25.69	24.34	20.66	25.82	24.57	20.77	25.63	24.49
		1	0	17.37	23.26	22.53	16.88	23.09	22.02	17.01	23.12	22.21	17.40	23.18	22.03
		1	49	22.39	23.16	22.51	22.01	23.16	21.94	22.11	23.28	22.06	22.13	22.95	22.21
		1	99	22.41	23.06	22.61	21.89	23.13	21.97	21.99	23.11	22.05	22.25	22.99	22.00
	256QAM	2	0	18.11	23.95	22.98	17.48	23.88	22.43	17.52	23.79	22.67	17.85	23.71	22.65
2		98	23.11	23.71	23.04	22.57	23.74	22.41	22.46	23.72	22.65	22.92	23.42	22.61	
50		0	18.99	23.50	22.99	18.40	23.35	22.34	18.60	23.58	22.58	18.78	23.64	22.51	
50		24	23.10	23.56	22.95	22.41	23.51	22.37	22.40	23.70	22.61	22.88	23.50	22.56	
50		49	19.95	23.70	23.01	19.54	23.51	22.37	19.67	23.69	22.55	19.66	23.52	22.63	
100		0	18.88	23.74	22.97	18.50	23.58	22.30	18.42	23.55	22.66	18.68	23.60	22.52	

8.5. 5G NR n41 (FCC)

Test Engineer ID:	32061/25780	Test Date:	2025-03-12
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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 2			ANT 1			ANT 4		
				500202	518598	537000	500202	518598	537000	500202	518598	537000	500202	518598	537000
10.0	BPSK	1	0	24.03	24.55	24.05	23.61	24.42	23.52	23.60	24.64	23.70	23.68	24.65	23.61
		1	1	27.56	27.99	27.59	27.15	28.10	27.20	27.09	27.99	27.18	27.06	28.13	27.10
		1	22	27.64	27.93	27.68	27.16	28.10	27.06	27.00	27.99	27.19	27.12	28.19	27.18
		1	23	24.15	24.50	24.09	23.53	24.50	23.56	23.50	24.58	23.68	23.56	24.68	23.70
		12	6	28.20	28.70	28.20	27.70	28.70	27.70	27.70	28.70	27.69	27.70	28.70	27.70
		24	0	24.49	28.05	27.63	24.04	27.92	27.04	27.00	28.11	27.17	23.69	28.17	27.20
	QPSK	1	0	24.13	24.59	24.03	23.62	24.47	23.64	23.67	24.62	23.67	23.51	24.51	23.63
		1	1	27.57	28.00	27.51	27.16	27.99	27.17	27.18	28.01	27.17	27.02	28.12	27.14
		1	22	27.67	27.92	27.52	27.03	27.99	27.00	27.03	28.01	27.12	27.08	28.01	27.13
		1	23	24.12	24.43	24.02	23.67	24.57	23.68	23.65	24.62	23.70	23.55	24.57	23.58
		12	6	28.09	28.50	28.19	27.58	28.68	27.60	27.66	28.57	27.70	27.70	28.50	27.58
		24	0	25.51	27.61	27.08	24.15	27.42	26.66	26.53	27.51	26.70	23.54	27.68	26.70
	16QAM	1	0	24.04	24.53	24.02	23.56	24.51	23.51	23.58	24.55	23.68	23.66	24.68	23.66
		1	1	26.60	26.95	26.68	26.04	27.09	26.08	26.15	27.06	26.20	26.15	27.09	26.16
		1	22	26.59	27.04	26.55	26.11	26.99	26.02	26.17	27.01	26.10	26.05	27.19	26.19
		1	23	24.03	24.46	24.04	23.58	24.58	23.60	23.51	24.59	23.59	23.57	24.53	23.59
		12	6	27.09	27.56	27.20	26.63	27.68	26.70	26.65	27.63	26.69	26.69	27.70	26.65
		24	0	25.64	26.49	26.18	23.99	26.54	25.68	25.63	26.61	25.65	23.52	26.51	25.70
	64QAM	1	0	24.14	24.61	24.04	23.62	24.48	23.62	23.54	24.54	23.70	23.68	24.66	23.57
		1	1	25.05	25.55	25.07	24.53	25.58	24.66	24.61	25.61	24.65	24.69	25.68	24.63
		1	22	25.07	25.44	25.11	24.51	25.56	24.62	24.57	25.65	24.69	24.56	25.50	24.64
		1	23	24.05	24.49	24.02	23.52	24.57	23.61	23.54	24.60	23.62	23.58	24.60	23.70
		12	6	25.66	26.09	25.50	25.13	26.09	25.08	25.14	26.02	25.20	25.12	26.05	25.19
		24	0	25.60	26.01	25.50	24.19	26.07	25.06	25.03	26.15	25.20	23.54	26.12	25.10
	256QAM	1	0	23.02	23.56	23.09	22.56	23.41	22.65	22.63	23.63	22.70	22.66	23.55	22.64
		1	1	23.15	23.48	23.09	22.58	23.41	22.59	22.62	23.62	22.67	22.56	23.69	22.57
		1	22	23.05	23.42	23.19	22.55	23.47	22.56	22.53	23.49	22.70	22.53	23.65	22.62
		1	23	23.02	23.60	23.11	22.68	23.60	22.61	22.56	23.54	22.70	22.54	23.64	22.70
		12	6	23.51	24.09	23.55	23.18	24.00	23.03	23.02	24.05	23.17	23.19	24.02	23.11
		24	0	23.61	23.95	23.53	23.18	23.91	23.16	23.01	24.03	23.17	23.17	24.11	23.11

OUTPUT POWER FOR 5G NR n41 (15.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 2			ANT 1			ANT 4		
				500700	518598	536496	500700	518598	536496	500700	518598	536496	500700	518598	536496
15.0	BPSK	1	0	2503.5	2593.0	2682.5	2503.5	2593.0	2682.5	2503.5	2593.0	2682.5	2503.5	2593.0	2682.5
		1	1	24.10	24.63	24.03	23.63	24.61	23.65	23.53	24.48	23.47	23.57	24.59	23.57
		1	1	27.56	28.01	27.55	27.17	28.00	27.03	26.99	27.94	26.98	27.07	28.11	27.16
		1	36	27.55	28.14	27.54	27.15	28.04	27.14	27.04	27.98	27.06	27.12	28.07	27.13
		1	37	24.09	24.69	24.16	23.59	24.56	23.55	23.51	24.54	23.51	23.56	24.63	23.53
		18	9	28.20	28.70	28.19	27.66	28.70	27.65	27.61	28.70	27.66	27.65	28.70	27.70
	QPSK	36	0	24.54	28.03	27.57	27.15	28.12	27.16	26.93	28.10	27.00	25.17	28.06	27.05
		1	0	24.07	24.60	24.03	23.64	24.55	23.58	23.61	24.46	23.52	23.62	24.63	23.47
		1	1	27.62	28.14	27.59	27.08	28.04	27.17	27.10	27.99	27.08	27.06	28.16	27.06
		1	36	27.69	28.11	27.55	27.02	28.19	27.19	27.05	27.95	27.01	27.08	27.98	27.11
		1	37	24.11	24.57	24.06	23.52	24.63	23.54	23.58	24.59	23.58	23.62	24.53	23.52
		18	9	28.06	28.57	28.18	27.53	28.65	27.67	27.50	28.49	27.43	27.62	28.50	27.48
	16QAM	36	0	24.59	27.59	27.14	26.57	27.54	26.53	26.48	27.53	26.51	25.10	27.66	26.56
		1	0	24.03	24.70	24.12	23.65	24.56	23.55	23.44	24.59	23.58	23.63	24.54	23.66
		1	1	26.68	27.17	26.68	26.08	27.14	26.14	26.01	26.93	25.92	26.13	27.14	25.99
		1	36	26.55	27.12	26.69	26.11	27.01	26.10	25.98	26.91	26.10	26.14	27.12	26.17
		1	37	24.02	24.51	24.13	23.65	24.58	23.59	23.52	24.47	23.51	23.49	24.52	23.65
		18	9	27.14	27.70	27.20	26.70	26.70	26.70	26.63	27.53	26.51	26.58	27.64	26.70
	64QAM	36	0	24.61	26.64	26.01	25.61	26.57	25.66	25.56	26.42	25.58	25.00	26.58	25.56
		1	0	24.12	24.60	24.04	23.61	24.68	23.64	23.50	24.44	23.45	23.63	24.49	23.50
		1	1	25.06	25.53	25.11	24.68	25.69	24.63	24.53	25.54	24.47	24.53	25.60	24.53
		1	36	25.14	25.51	25.20	24.65	25.61	24.60	24.51	25.45	24.57	24.54	25.60	24.56
		1	37	24.08	24.68	24.15	23.69	24.57	23.61	23.50	24.60	23.50	23.58	24.51	23.51
		18	9	25.53	26.12	25.66	25.03	26.06	25.19	24.93	25.95	25.04	25.11	25.99	25.00
	256QAM	36	0	24.51	26.10	25.57	25.09	26.04	25.19	24.99	26.02	24.93	25.02	25.97	25.01
		1	0	23.06	23.64	23.13	22.57	23.51	22.51	22.44	23.46	22.45	22.47	23.62	22.52
		1	1	23.10	23.59	23.00	22.50	23.64	22.64	22.43	23.52	22.46	22.50	23.49	22.60
		1	36	23.04	23.51	23.11	22.53	23.56	22.52	22.49	23.42	22.52	22.59	23.64	22.58
		1	37	23.09	23.51	23.01	22.67	23.67	22.57	22.60	23.56	22.52	22.60	23.65	22.52
		18	9	23.54	24.11	23.52	23.18	24.13	23.08	23.07	24.00	23.03	23.02	24.09	23.09
		36	0	23.65	24.13	23.52	23.13	24.07	23.08	23.02	24.04	23.06	23.10	24.12	23.13

OUTPUT POWER FOR 5G NR n41 (20.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 2			ANT 1			ANT 4		
				501204	518598	535998	501204	518598	535998	501204	518598	535998	501204	518598	535998
20.0	BPSK	1	0	2506.0	2593.0	2680.0	2506.0	2593.0	2680.0	2506.0	2593.0	2680.0	2506.0	2593.0	2680.0
		1	1	24.17	24.52	24.16	23.48	24.63	23.46	23.61	24.60	23.60	23.60	24.54	23.60
		1	1	27.59	28.12	27.62	27.02	27.96	27.03	27.15	28.06	27.20	27.20	27.99	27.17
		1	49	27.56	28.10	27.66	27.09	28.10	27.08	27.13	28.13	27.09	27.13	27.95	27.14
		1	50	24.03	24.47	24.07	23.50	24.49	23.56	23.63	24.57	23.60	23.64	24.43	23.70
		25	12	28.20	28.70	28.20	27.70	28.70	27.70	27.70	28.70	27.70	27.70	28.70	27.70
	QPSK	50	0	24.66	27.94	27.62	26.97	28.08	27.01	27.19	28.13	27.12	24.19	28.09	27.20
		1	0	24.11	24.44	24.15	23.46	24.51	23.55	23.58	24.55	23.62	23.66	24.55	23.66
		1	1	27.53	28.03	27.66	27.12	28.01	26.98	27.17	28.14	27.03	27.10	28.11	27.14
		1	49	27.70	27.96	27.61	27.11	28.07	27.08	27.17	28.10	27.20	27.17	27.93	27.12
		1	50	24.20	24.48	24.19	23.45	24.54	23.57	23.67	24.62	23.53	23.65	24.47	23.70
		25	12	28.04	28.52	28.06	27.60	28.62	27.50	27.60	28.54	27.65	27.68	28.48	27.70
	16QAM	50	0	24.67	27.45	27.12	26.59	27.54	26.46	26.67	27.66	26.61	24.16	27.59	26.70
		1	0	24.08	24.58	24.03	23.55	24.52	23.45	23.62	24.62	23.60	23.68	24.58	23.70
		1	1	26.60	26.93	26.62	25.95	27.11	26.02	26.19	27.03	26.09	26.16	27.11	26.18
		1	49	26.70	27.13	26.62	26.03	26.96	26.05	26.20	27.18	26.05	26.17	27.08	26.16
		1	50	24.18	24.54	24.05	23.48	24.45	23.57	23.70	24.69	23.67	23.65	24.51	23.70
		25	12	27.14	27.70	27.20	26.57	27.65	26.63	26.70	27.60	26.70	26.70	27.55	26.70
	64QAM	50	0	24.58	26.63	26.14	25.59	26.56	25.52	25.59	26.65	25.58	24.15	26.50	25.62
		1	0	24.09	24.58	24.17	23.60	24.58	23.49	23.70	24.59	23.70	23.61	24.61	23.70
		1	1	25.05	25.50	25.18	24.52	25.51	24.44	24.70	25.59	24.68	24.67	25.49	24.62
		1	49	25.04	25.50	25.09	24.45	25.55	24.60	24.67	25.63	24.64	24.60	25.53	24.68
		1	50	24.18	24.60	24.10	23.46	24.45	23.49	23.62	24.57	23.67	23.66	24.61	23.70
		25	12	25.70	26.07	25.66	25.07	26.09	24.93	25.14	26.01	25.03	25.17	26.05	25.20
	256QAM	50	0	24.61	26.05	25.55	24.94	26.06	25.08	25.18	26.20	25.12	24.11	26.08	25.19
		1	0	23.01	23.45	23.08	22.48	23.45	22.40	22.68	23.61	22.53	22.64	23.44	22.70
		1	1	23.08	23.54	23.20	22.44	23.54	22.40	22.67	23.62	22.63	22.70	23.48	22.70
		1	49	23.10	23.58	23.12	22.51	23.62	22.52	22.64	23.69	22.63	22.70	23.52	22.64
		1	50	23.13	23.52	23.08	22.62	23.44	22.52	22.70	23.54	22.60	22.64	23.60	22.70
		25	12	23.66	24.06	23.70	23.10	24.12	23.07	23.11	24.16	23.08	23.11	24.00	23.13
		50	0	23.69	24.03	23.70	22.97	24.12	23.03	23.15	24.16	23.03	23.20	24.03	23.10

OUTPUT POWER FOR 5G NR n41 (25.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 2			ANT 1			ANT 4		
				501702	518598	535500	501702	518598	535500	501702	518598	535500	501702	518598	535500
25.0	BPSK	1	0	2508.5	2593.0	2677.5	2508.5	2593.0	2677.5	2508.5	2593.0	2677.5	2508.5	2593.0	2677.5
		1	0	24.14	24.58	24.10	23.63	24.54	23.49	23.48	24.63	23.57	23.58	24.67	23.55
		1	1	27.45	28.09	27.54	26.99	27.98	26.97	26.98	27.96	27.11	27.01	28.03	27.02
		1	63	27.58	28.03	27.53	27.07	28.07	26.95	26.96	28.01	26.95	27.08	28.18	27.11
		1	64	23.97	24.68	24.16	23.54	24.52	23.47	23.60	24.55	23.62	23.61	24.53	23.57
		32	16	28.20	28.70	28.20	27.70	28.70	27.70	27.70	28.70	27.56	27.61	28.70	27.70
	QPSK	64	0	25.13	28.12	27.60	27.05	28.00	27.03	27.03	28.09	26.97	26.08	28.15	26.96
		1	0	23.99	24.66	24.12	23.52	24.46	23.61	23.56	24.51	23.47	23.63	24.60	23.55
		1	1	27.54	28.06	27.61	26.98	28.13	27.06	27.01	28.03	26.97	27.10	28.01	27.04
		1	63	27.48	28.10	27.58	26.95	28.07	27.04	26.95	28.11	27.01	27.11	28.02	27.02
		1	64	24.06	24.64	24.06	23.48	24.46	23.60	23.48	24.63	23.54	23.53	24.51	23.45
		32	16	28.13	28.67	28.13	27.50	28.69	27.52	27.44	28.57	27.54	27.59	28.68	27.46
	16QAM	64	0	24.95	27.54	27.07	26.53	27.63	26.51	26.49	27.56	26.49	26.05	27.64	26.44
		1	0	24.09	24.54	24.03	23.47	24.62	23.57	23.44	24.64	23.59	23.63	24.69	23.44
		1	1	26.52	27.03	26.64	26.12	27.02	25.94	25.93	27.04	25.97	26.07	27.11	25.99
		1	63	26.50	27.07	26.48	25.99	27.01	26.10	26.12	26.95	26.11	26.19	27.18	26.12
		1	64	24.02	24.66	24.12	23.52	24.48	23.52	23.61	24.52	23.61	23.70	24.50	23.44
		32	16	27.20	27.65	27.16	26.56	27.70	26.60	26.68	27.70	26.70	26.64	27.68	26.57
	64QAM	64	0	25.05	26.54	26.16	25.53	26.47	25.54	25.49	26.60	25.64	25.51	26.51	25.52
		1	0	23.98	24.56	24.12	23.61	24.61	23.63	23.60	24.62	23.60	23.53	24.61	23.59
		1	1	25.10	25.55	25.15	24.52	25.53	24.48	24.54	25.54	24.53	24.59	25.60	24.56
		1	63	25.04	25.65	25.00	24.46	25.54	24.45	24.50	25.62	24.49	24.57	25.65	24.54
		1	64	23.96	24.63	24.12	23.54	24.52	23.46	23.47	24.63	23.56	23.53	24.66	23.53
		32	16	25.52	26.11	25.60	25.02	26.10	25.03	25.13	26.09	25.01	25.08	26.15	25.07
	256QAM	64	0	25.10	26.11	25.59	24.95	26.04	24.98	25.08	26.07	25.01	25.17	26.19	25.11
		1	0	23.04	23.51	23.16	22.57	23.59	22.58	22.55	23.45	22.46	22.55	23.63	22.61
		1	1	23.01	23.64	23.11	22.62	23.48	22.55	22.46	23.62	22.57	22.67	23.58	22.55
		1	63	23.06	23.52	23.05	22.53	23.56	22.55	22.44	23.53	22.50	22.56	23.51	22.51
		1	64	23.00	23.69	23.13	22.60	23.59	22.53	22.57	23.54	22.50	22.67	23.57	22.61
		32	16	23.46	24.18	23.60	22.94	24.01	23.00	23.08	24.01	22.99	23.18	24.10	23.00
		64	0	23.46	24.13	23.57	23.10	24.03	23.02	23.00	24.09	23.06	23.17	24.14	23.02

OUTPUT POWER FOR 5G NR n41 (30.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 2			ANT 1			ANT 4		
				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	0	24.09	24.57	24.06	23.67	24.58	23.46	23.50	24.63	23.50	23.55	24.49	23.60
		1	1	27.64	28.01	27.66	27.02	28.00	27.14	27.13	28.00	27.05	27.08	28.01	27.15
		1	76	27.60	28.09	27.58	27.05	28.07	27.10	27.01	27.98	27.04	27.15	28.17	26.99
		1	77	24.03	24.54	24.14	23.59	24.64	23.63	23.59	24.56	23.50	23.49	24.55	23.55
		36	18	28.17	28.70	28.20	26.65	28.70	27.70	27.57	28.70	27.65	27.61	28.70	27.63
	QPSK	75	0	24.07	28.09	27.65	25.56	28.16	27.01	27.13	28.00	27.12	25.53	27.99	27.14
		1	0	24.04	24.69	24.02	23.54	24.55	23.61	23.64	24.61	23.60	23.58	24.59	23.50
		1	1	27.62	28.14	27.57	27.10	28.05	26.96	27.10	28.07	26.96	27.16	28.16	27.04
		1	76	27.54	28.03	27.65	27.09	28.03	27.00	27.07	28.14	26.99	27.02	28.05	27.04
		1	77	24.11	24.64	24.03	23.67	24.67	23.47	23.49	24.66	23.66	23.63	24.48	23.63
		36	18	28.03	28.62	28.11	26.59	28.65	27.60	27.61	28.61	27.48	27.66	28.57	27.56
	16QAM	75	0	24.10	27.63	27.16	25.66	27.55	26.63	26.47	27.58	26.48	25.67	27.58	26.66
		1	0	24.15	24.59	24.06	23.68	24.67	23.55	23.47	24.53	23.64	23.51	24.62	23.65
		1	1	26.62	27.18	26.61	26.19	27.12	26.13	26.04	26.98	26.11	26.06	27.13	26.13
		1	76	26.67	27.19	26.53	26.01	27.08	25.96	25.99	27.02	25.96	25.99	27.03	26.08
		1	77	24.20	24.55	24.02	23.69	24.60	23.51	23.59	24.51	23.50	23.62	24.48	23.64
		36	18	27.20	27.70	27.20	26.65	27.70	26.57	26.67	27.67	26.63	26.59	27.70	26.59
	64QAM	75	0	24.05	26.52	25.97	25.65	26.56	25.53	25.59	26.49	25.65	25.58	26.50	25.55
		1	0	24.11	24.59	24.03	23.54	24.63	23.52	23.56	24.64	23.60	23.61	24.50	23.52
		1	1	25.15	25.50	25.07	24.52	25.64	24.52	24.66	25.46	24.56	24.65	25.49	24.60
		1	76	25.01	25.54	25.12	24.64	25.59	24.48	24.65	25.62	24.57	24.51	25.67	24.55
		1	77	24.14	24.51	24.07	23.62	24.56	23.57	23.54	24.60	23.47	23.58	24.52	23.63
		36	18	25.60	26.16	25.55	25.17	26.18	24.94	25.12	26.12	25.14	25.07	26.09	25.14
	256QAM	75	0	24.12	26.06	25.65	25.07	26.01	25.09	25.05	25.98	25.00	25.15	26.01	25.02
		1	0	23.19	23.62	22.99	22.67	23.63	22.61	23.47	22.65	22.64	23.48	22.50	
		1	1	23.18	23.57	22.98	22.69	23.56	22.55	22.50	23.63	22.52	22.47	23.67	22.60
		1	76	23.16	23.51	22.99	22.57	23.70	22.63	22.57	23.46	22.50	22.62	23.50	22.61
		1	77	23.09	23.58	23.12	22.56	23.59	22.57	22.63	23.56	22.52	22.65	23.56	22.63
		36	18	23.54	24.02	23.61	23.19	24.17	23.02	23.15	24.01	23.14	23.09	24.02	23.00
		75	0	23.55	24.13	23.62	23.09	24.07	23.11	23.09	24.00	23.09	23.02	24.11	23.13

OUTPUT POWER FOR 5G NR n41 (35.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 2			ANT 1			ANT 4		
				502704	518598	534498	502704	518598	534498	502704	518598	534498	502704	518598	534498
35.0	BPSK	1	0	24.07	24.68	24.57	23.67	24.51	24.62	23.59	24.61	24.59	23.64	24.60	24.66
		1	1	27.65	28.06	28.06	27.00	28.04	27.99	27.11	28.15	28.04	27.15	28.18	28.07
		1	90	28.00	28.07	27.65	28.15	27.98	27.00	28.16	28.18	27.06	28.08	28.10	27.00
		1	91	24.62	24.54	24.01	24.63	24.59	23.59	24.67	24.58	23.64	24.60	24.54	23.54
		45	22	28.19	28.66	28.20	27.68	28.70	27.61	27.66	28.64	27.70	27.60	28.70	27.70
	QPSK	90	0	26.19	28.17	27.53	27.14	28.17	27.13	27.19	28.18	27.17	26.12	28.10	27.03
		1	0	24.01	24.60	24.56	23.56	24.64	24.47	23.53	24.66	24.68	23.66	24.58	24.48
		1	1	27.68	28.14	28.18	26.97	28.02	28.07	27.01	28.10	28.06	27.15	28.17	27.98
		1	90	28.18	28.13	27.60	28.13	28.01	26.99	28.11	28.14	27.03	28.03	28.06	27.03
		1	91	24.65	24.51	24.18	24.54	24.63	23.65	24.55	24.66	23.62	24.52	24.50	23.57
	16QAM	45	22	28.18	28.54	28.18	27.60	28.49	27.66	27.56	28.51	27.51	27.59	28.63	27.66
		90	0	26.13	27.59	27.04	26.63	27.67	26.60	26.57	27.51	26.57	26.15	27.60	26.49
		1	0	24.08	24.70	24.70	23.60	24.53	24.66	23.56	24.66	24.58	23.54	24.52	24.63
		1	1	26.51	27.09	27.01	26.09	27.17	27.14	26.20	27.09	27.20	26.13	27.17	27.13
		1	90	27.05	27.08	26.54	27.01	27.04	26.11	27.03	27.14	26.16	26.99	27.18	26.12
	64QAM	1	91	24.67	24.62	24.03	24.63	24.54	23.63	24.68	24.52	23.63	24.59	24.54	23.50
		45	22	27.20	27.61	27.13	26.58	27.70	26.64	26.70	27.69	26.70	26.64	27.67	26.69
		90	0	26.09	26.70	26.12	25.66	26.50	25.59	25.63	26.66	25.69	25.49	26.57	25.52
		1	0	24.14	24.57	24.53	23.49	24.58	24.49	23.51	24.58	24.62	23.65	24.54	24.49
		1	1	25.14	25.68	25.66	24.52	25.63	25.55	24.56	25.55	25.58	24.49	25.54	25.57
	256QAM	1	90	25.69	25.65	25.09	25.64	25.60	24.51	25.70	25.51	24.51	25.63	25.58	24.61
		1	91	24.62	24.56	24.03	24.62	24.57	23.55	24.54	24.50	23.66	24.57	24.66	23.63
		45	22	25.67	26.06	25.55	25.08	25.98	25.09	25.01	26.16	25.06	24.98	26.11	25.11
		90	0	25.54	26.07	25.58	25.01	26.12	25.17	25.06	26.08	25.05	25.09	26.09	25.17
		1	0	23.18	23.56	23.66	22.48	23.64	23.55	22.53	23.63	23.65	22.49	23.59	23.51
		1	1	23.19	23.52	23.59	22.56	23.66	23.57	22.61	23.64	23.53	22.48	23.55	23.52
		1	90	23.53	23.58	23.04	23.54	23.55	22.52	23.51	23.67	22.66	23.55	23.53	22.60
		1	91	23.69	23.58	23.20	23.58	23.58	22.60	23.67	23.52	22.64	23.57	23.52	22.65
		45	22	23.62	24.05	23.63	23.11	24.15	23.05	23.15	24.06	23.16	23.11	24.15	23.13
		90	0	23.65	24.18	23.69	23.07	24.02	23.16	23.02	24.16	23.17	23.08	24.17	23.02

OUTPUT POWER FOR 5G NR n41 (40.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 2			ANT 1			ANT 4		
				503202	518598	534000	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	2516.0	2593.0	2670.0
		1	1	23.95	24.67	24.46	23.59	24.62	24.58	23.53	24.62	24.58	23.56	24.55	24.70
		1	104	27.55	28.01	28.19	27.01	28.04	28.13	27.20	28.01	28.17	27.20	28.11	28.12
		1	105	27.95	28.10	27.63	28.02	28.11	27.08	28.09	28.00	27.16	28.13	28.14	27.15
		50	25	24.56	24.51	24.12	24.59	24.69	23.53	24.58	24.55	23.70	24.55	24.54	23.59
	QPSK	100	0	28.20	28.70	28.14	27.70	28.70	27.70	27.70	28.70	27.70	27.67	28.70	27.70
		1	0	27.45	28.18	27.58	27.14	28.11	27.05	27.20	28.06	27.14	26.20	28.20	27.18
		1	0	23.96	24.61	24.55	23.60	24.62	24.59	23.54	24.49	24.61	23.64	24.65	24.70
		1	1	27.59	27.99	28.12	27.07	28.12	28.09	27.00	28.11	28.20	27.04	28.15	28.18
		1	104	28.04	28.18	27.61	28.00	28.03	27.04	28.09	28.11	27.20	28.11	28.12	27.12
	16QAM	1	105	24.49	24.48	24.01	24.63	24.53	23.70	24.59	24.60	23.70	24.66	24.67	23.68
		50	25	28.06	28.65	27.97	27.54	28.68	27.64	27.63	28.47	27.62	27.70	28.70	27.70
		100	0	27.05	27.49	26.98	26.63	27.58	26.63	26.68	27.46	26.61	26.16	27.70	26.64
		1	0	24.02	24.53	24.52	23.47	24.69	24.61	23.53	24.57	24.61	23.61	24.51	24.63
		1	1	26.61	27.12	27.14	26.11	27.13	27.14	26.04	26.97	27.06	26.13	27.10	27.20
	64QAM	1	104	26.95	27.03	26.57	27.07	27.09	26.13	27.07	27.05	26.08	27.17	27.05	26.19
		1	105	24.55	24.50	24.04	24.60	24.67	23.59	24.52	24.46	23.68	24.55	24.62	23.57
		50	25	27.14	27.60	27.07	26.61	27.68	26.70	26.61	27.70	26.70	26.70	27.67	26.70
		100	0	26.00	26.50	25.97	25.51	26.60	25.69	25.53	26.52	25.60	25.61	26.65	25.70
		1	0	23.97	24.68	24.65	23.52	24.55	24.54	23.69	24.60	24.70	23.61	24.62	24.63
	256QAM	1	1	25.12	25.52	25.47	24.49	25.52	25.60	24.59	25.51	25.70	24.65	25.51	25.70
		1	104	25.47	25.64	25.02	25.55	25.62	24.63	25.64	25.50	24.68	25.58	25.68	24.69
		1	105	24.46	24.52	24.02	24.58	24.60	23.70	24.63	24.61	23.61	24.54	24.55	23.70
		50	25	25.50	26.01	25.52	24.97	26.07	25.14	25.04	26.02	25.20	25.12	26.13	25.10
		100	0	25.44	26.11	25.48	25.00	26.05	25.15	25.17	26.08	25.15	25.20	26.13	25.14
		1	0	23.07	23.64	23.58	22.55	23.63	23.60	22.67	23.45	23.69	22.56	23.65	23.60
		1	1	23.07	23.63	23.47	22.46	23.56	23.70	22.60	23.60	23.61	22.62	23.57	23.57
		1	104	23.49	23.58	22.98	23.60	23.53	22.60	23.55	23.53	22.63	23.70	23.56	22.60
		1	105	23.60	23.62	23.15	23.57	23.58	22.65	23.66	23.49	22.63	23.70	23.65	22.68
		50	25	23.61	24.11	23.64	22.96	24.08	23.07	23.15	24.08	23.18	23.07	24.06	23.14
		100	0	23.44	24.13	23.53	23.10	24.18	23.20	23.07	24.12	23.19	23.07	24.11	23.08

OUTPUT POWER FOR 5G NR n41 (45.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 2			ANT 1			ANT 4		
				503700	518598	533496	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	2518.5	2593.0	2667.5
		1	0	23.97	24.53	24.45	23.62	24.63	24.54	23.48	24.52	24.47	23.63	24.57	24.70
		1	1	27.55	28.05	28.17	27.15	28.17	28.15	27.09	28.01	28.10	27.15	28.06	28.20
		1	117	27.99	27.96	27.51	28.19	28.10	27.05	28.08	28.11	27.06	28.20	28.11	27.20
		1	118	24.51	24.57	23.93	24.53	24.57	23.48	24.47	24.59	23.52	24.62	24.54	23.69
		54	27	28.01	28.70	28.14	27.16	28.70	27.70	27.59	28.70	27.55	27.70	28.68	27.70
		108	0	27.53	27.90	27.41	27.15	28.17	27.07	27.03	27.98	27.02	26.03	28.15	27.09
		1	0	23.92	24.60	24.41	23.59	24.64	24.65	23.51	24.55	24.54	23.62	24.54	24.70
	QPSK	1	1	27.44	27.94	28.16	27.17	28.10	28.14	26.98	28.04	28.05	27.07	28.15	28.14
		1	117	27.93	27.96	27.47	28.15	28.12	27.01	28.03	28.06	26.99	28.10	28.05	27.16
		1	118	24.53	24.46	23.95	24.58	24.68	23.48	24.50	24.49	23.52	24.65	24.69	23.70
		54	27	28.10	28.67	28.17	27.17	28.65	27.64	27.45	28.62	27.53	27.54	28.70	27.67
		108	0	27.08	27.48	27.09	26.64	27.54	26.52	26.56	27.45	26.45	26.05	27.70	26.70
		1	0	23.96	24.45	24.44	23.65	24.62	24.49	23.51	24.48	24.52	23.60	24.64	24.61
		1	1	26.40	27.03	27.12	26.04	27.18	27.02	25.93	27.11	26.95	26.15	27.14	27.10
		1	117	27.06	27.05	26.44	27.11	27.09	26.01	26.96	27.11	26.03	27.10	27.17	26.13
	16QAM	1	118	24.49	24.49	23.94	24.52	24.63	23.62	24.46	24.46	23.60	24.53	24.55	23.69
		54	27	27.17	27.57	27.11	26.60	27.69	26.60	26.53	27.53	26.60	26.70	27.70	26.70
		108	0	26.10	26.43	25.92	25.63	26.61	25.51	25.43	26.44	25.48	25.62	26.62	25.65
		1	0	24.08	24.45	24.48	23.63	24.55	24.62	23.53	24.50	24.51	23.70	24.62	24.66
		1	1	24.99	25.49	25.56	24.59	25.66	25.58	24.55	25.47	25.58	24.69	25.65	25.67
		1	117	25.41	25.49	25.04	25.50	25.66	24.49	25.45	25.46	24.60	25.59	25.67	24.62
		1	118	24.48	24.41	24.09	24.50	24.61	23.64	24.54	24.53	23.53	24.54	24.66	23.70
		54	27	25.44	26.10	25.52	25.16	26.17	25.02	24.97	25.95	24.93	25.16	26.10	25.10
	64QAM	108	0	25.42	26.09	25.54	25.18	26.09	25.01	25.12	26.05	24.99	25.18	26.15	25.20
		1	0	22.94	23.55	23.57	22.67	23.54	23.52	22.46	23.56	23.58	22.70	23.62	23.70
		1	1	23.01	23.53	23.55	22.56	23.63	23.52	22.50	23.43	23.45	22.61	23.63	23.70
		1	117	23.44	23.51	23.03	23.63	23.52	22.54	23.54	23.54	22.59	23.70	23.65	22.70
		1	118	23.56	23.43	23.03	23.54	23.63	22.55	23.44	23.54	22.58	23.60	23.58	22.70
		54	27	23.58	23.96	23.44	23.20	24.14	23.12	22.93	24.04	23.00	23.17	24.09	23.18
		108	0	23.56	23.96	23.56	23.10	24.14	23.01	23.01	24.03	23.12	23.02	24.13	23.13

OUTPUT POWER FOR 5G NR n41 (50.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 2			ANT 1			ANT 4		
				504204	518598	532998	504204	518598	532998	504204	518598	532998	504204	518598	532998
50.0	BPSK	1	0	2521.0	2593.0	2665.0	2521.0	2593.0	2665.0	2521.0	2593.0	2665.0	2521.0	2593.0	2665.0
		1	1	23.98	24.51	24.57	23.62	24.61	24.61	23.67	24.57	24.54	23.68	24.65	24.61
		1	131	27.46	28.04	28.17	27.16	28.02	28.08	27.20	28.20	28.05	27.20	28.04	28.15
		1	132	28.02	28.03	27.63	28.13	27.99	27.12	28.18	28.15	27.06	28.20	28.06	27.19
		1	132	24.61	24.48	24.01	24.53	24.52	23.70	24.58	24.70	23.70	24.70	24.68	23.67
		64	32	28.20	28.70	28.20	27.70	28.70	27.70	27.63	28.70	27.70	27.70	28.70	27.70
		128	0	27.43	28.07	27.61	27.17	28.09	27.15	25.12	28.20	27.05	25.57	28.19	27.20
		1	0	23.99	24.52	24.47	23.62	24.62	24.66	23.63	24.58	24.52	23.58	24.64	24.65
	QPSK	1	1	27.47	28.09	28.15	27.14	28.07	28.13	27.05	28.20	28.00	27.08	28.06	28.07
		1	131	27.93	28.06	27.61	28.03	28.02	27.12	28.06	28.16	27.11	28.20	28.04	27.18
		1	132	24.62	24.59	24.00	24.58	24.51	23.54	24.70	24.62	23.60	24.70	24.70	23.70
		64	32	27.96	28.65	28.12	27.63	28.63	27.58	27.70	28.70	27.68	27.64	28.65	27.65
		128	0	27.06	27.50	27.08	26.62	27.50	26.67	25.20	27.56	26.54	25.70	27.64	26.64
		1	0	23.97	24.58	24.61	23.60	24.62	24.69	23.54	24.67	24.66	23.69	24.60	24.60
		1	1	26.53	27.01	27.04	26.09	27.13	27.09	26.12	27.07	27.19	26.20	27.05	27.20
		1	131	26.95	27.07	26.62	27.16	26.99	26.19	27.20	27.20	26.18	27.09	27.12	26.05
	16QAM	1	132	24.52	24.48	23.95	24.62	24.57	23.65	24.65	24.70	23.65	24.64	24.51	23.55
		64	32	27.14	27.69	27.09	26.66	27.70	26.70	26.70	27.70	26.70	26.68	27.70	26.64
		128	0	25.96	26.59	26.05	25.62	26.62	25.59	25.19	26.69	25.55	25.57	26.65	25.62
		1	0	23.99	24.55	24.56	23.52	24.58	24.69	23.59	24.60	24.51	23.58	24.56	24.63
		1	1	25.00	25.53	25.59	24.60	25.44	25.68	24.56	25.65	25.62	24.59	25.51	25.64
		1	131	25.44	25.55	24.96	25.69	25.52	24.51	25.59	25.61	24.69	25.67	25.61	24.66
		1	132	24.57	24.53	24.07	24.65	24.57	23.65	24.62	24.62	23.60	24.69	24.59	23.70
		64	32	25.49	26.01	25.56	25.10	26.00	25.04	25.19	26.09	25.07	25.11	26.09	25.20
	64QAM	128	0	25.43	26.07	25.65	25.08	26.06	25.16	25.19	26.11	25.08	25.20	26.08	25.12
		1	0	22.93	23.50	23.49	22.52	23.57	23.65	22.67	23.70	23.65	22.62	23.59	23.68
		1	1	22.98	23.50	23.51	22.56	23.60	23.61	22.70	23.69	23.52	22.68	23.54	23.55
		1	131	23.46	23.46	23.11	23.68	23.45	22.69	23.58	23.70	22.55	23.59	23.64	22.70
		1	132	23.54	23.62	22.99	23.68	23.45	22.53	23.70	23.68	22.65	23.70	23.62	22.63
		64	32	23.44	24.10	23.53	23.13	24.10	23.20	23.15	24.20	23.04	23.20	24.03	23.04
		128	0	23.55	24.13	23.49	23.15	24.01	23.16	23.20	24.19	23.03	23.20	24.16	23.03

OUTPUT POWER FOR 5G NR n41 (60.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 2			ANT 1			ANT 4		
				505200	518598	531996	505200	518598	531996	505200	518598	531996	505200	518598	531996
60.0	BPSK	1	0	2526.0	2593.0	2660.0	2526.0	2593.0	2660.0	2526.0	2593.0	2660.0	2526.0	2593.0	2660.0
		1	1	24.15	24.68	24.43	23.70	24.55	24.68	23.70	24.62	24.60	23.70	24.64	24.54
		1	1	27.55	28.17	28.16	27.20	28.04	28.11	27.10	28.20	28.20	27.20	27.97	28.03
		1	160	28.10	28.14	27.58	28.14	28.19	27.20	28.20	28.18	27.20	28.18	28.10	27.19
		1	161	24.51	24.59	24.04	24.70	24.55	23.60	24.61	24.69	23.70	24.70	24.57	23.58
		81	40	28.19	28.70	28.20	27.70	28.70	27.70	25.70	28.70	27.70	25.70	28.70	27.65
	QPSK	162	0	27.66	28.07	27.44	27.20	28.15	27.13	25.65	28.18	27.20	26.12	28.04	27.12
		1	0	24.08	24.52	24.57	23.70	24.63	24.59	23.64	24.60	24.70	23.60	24.56	24.69
		1	1	27.67	28.03	28.08	27.16	28.13	28.20	27.20	28.19	28.20	27.05	27.97	28.06
		1	160	28.20	28.03	27.45	28.20	28.13	27.04	28.20	28.12	27.15	28.12	27.96	27.09
		1	161	24.58	24.69	24.00	24.70	24.59	23.55	24.65	24.70	23.61	24.57	24.55	23.54
		81	40	28.20	28.64	27.99	27.61	28.65	27.52	25.56	28.65	27.66	25.70	28.52	27.70
	16QAM	162	0	27.07	27.65	26.95	26.70	27.57	26.58	25.69	27.67	26.69	26.05	27.54	26.55
		1	0	24.16	24.67	24.47	23.60	24.65	24.56	23.70	24.60	24.58	23.67	24.51	24.64
		1	1	26.70	27.01	27.13	26.11	27.16	27.18	26.18	27.20	27.18	26.20	27.10	27.15
		1	160	27.03	27.16	27.58	27.20	27.05	26.14	27.20	27.17	26.20	27.11	27.08	26.19
		1	161	24.59	24.64	23.99	24.67	24.64	23.64	24.69	24.57	23.64	24.62	24.60	23.57
		81	40	27.19	27.65	27.12	26.70	27.67	26.70	25.70	27.70	26.70	25.70	27.68	26.65
	64QAM	162	0	26.13	26.60	26.07	25.64	26.63	25.64	25.68	26.60	25.62	25.70	26.52	25.53
		1	0	24.15	24.69	24.55	23.70	24.51	24.63	23.62	24.70	24.58	23.58	24.52	24.70
		1	1	25.06	25.64	25.47	24.70	25.68	25.57	24.70	25.70	25.69	24.69	25.59	25.54
		1	160	25.69	25.54	25.03	25.70	25.56	24.69	25.70	25.66	24.64	25.63	25.52	24.65
		1	161	24.52	24.60	24.07	24.66	24.56	23.54	24.60	24.70	23.63	24.57	24.52	23.69
		81	40	25.54	26.05	25.54	25.20	26.13	25.03	25.20	26.11	25.14	25.09	26.09	25.11
	256QAM	162	0	25.59	26.06	25.49	25.20	26.17	25.04	25.20	26.14	25.20	25.16	26.15	25.20
		1	0	23.17	23.59	23.44	22.70	23.63	23.56	22.63	23.70	23.70	22.57	23.57	23.59
		1	1	23.13	23.67	23.41	22.64	23.60	23.54	22.70	23.62	23.68	22.70	23.51	23.66
		1	160	23.66	23.70	23.00	23.65	23.63	22.65	23.60	23.60	22.69	23.58	23.63	22.63
		1	161	23.67	23.60	22.98	23.70	23.54	22.60	23.70	23.65	22.57	23.67	23.62	22.70
		81	40	23.57	24.06	23.59	23.20	24.10	23.15	23.17	24.20	23.20	23.13	24.14	23.04
		162	0	23.68	24.10	23.41	23.13	24.19	23.09	23.19	24.16	23.08	23.13	23.98	23.11

OUTPUT POWER FOR 5G NR n41 (70.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 2			ANT 1			ANT 4		
				506202	518598	531000	506202	518598	531000	506202	518598	531000	506202	518598	531000
70.0	BPSK	1	0	2531.0	2593.0	2655.0	2531.0	2593.0	2655.0	2531.0	2593.0	2655.0	2531.0	2593.0	2655.0
		1	1	24.05	24.49	24.54	23.62	24.53	24.48	23.49	24.62	24.61	23.67	24.63	24.56
		1	1	27.43	28.02	28.06	27.00	27.97	28.12	27.17	28.14	28.03	27.13	28.16	28.13
		1	187	28.05	27.96	27.57	28.11	27.97	27.02	28.19	28.17	27.11	28.13	28.05	27.12
		1	188	24.60	24.51	24.02	24.50	24.52	23.52	24.58	24.50	23.50	24.58	24.55	23.66
		90	45	28.14	28.70	28.17	27.56	28.70	27.68	24.66	28.70	27.70	25.67	28.70	27.70
	QPSK	180	0	27.45	27.91	27.46	27.13	28.09	26.95	25.49	28.12	27.04	26.03	28.08	27.18
		1	0	23.94	24.58	24.49	23.47	24.56	24.55	23.64	24.60	24.53	23.62	24.55	24.51
		1	1	27.51	28.05	27.94	27.09	28.13	28.05	27.16	28.10	28.06	27.12	28.05	28.17
		1	187	28.07	27.98	27.56	28.11	28.13	27.11	28.13	28.01	27.01	28.16	28.07	27.04
		1	188	24.42	24.57	24.05	24.57	24.44	23.52	24.61	24.61	23.60	24.64	24.61	23.67
		90	45	28.10	28.61	28.17	27.50	28.61	27.60	24.50	28.68	27.49	25.64	28.67	27.69
	16QAM	180	0	26.99	27.52	27.06	26.58	27.45	26.45	25.65	27.57	26.64	26.11	27.54	26.67
		1	0	24.11	24.47	24.47	23.53	24.49	24.49	23.50	24.49	24.52	23.63	24.61	24.66
		1	1	26.52	26.91	27.06	26.05	26.99	27.01	26.14	27.02	27.03	26.12	27.07	27.19
		1	187	27.09	26.96	26.55	27.08	27.09	26.14	27.07	27.11	26.03	27.10	27.13	26.02
		1	188	24.58	24.48	24.03	24.60	24.44	23.49	24.66	24.49	23.52	24.59	24.60	23.55
		90	45	27.06	27.54	27.07	26.61	27.63	26.63	24.70	27.70	26.59	25.70	27.69	26.70
	64QAM	180	0	25.93	26.53	25.96	25.60	26.51	25.50	25.62	26.68	25.67	25.52	26.59	25.58
		1	0	23.96	24.58	24.41	23.63	24.61	24.54	23.60	24.57	24.53	23.59	24.67	24.67
		1	1	24.94	25.53	25.48	24.48	25.61	25.54	24.50	25.63	25.51	24.54	25.68	25.68
		1	187	25.56	25.58	24.97	25.57	25.51	24.48	25.65	25.56	24.56	25.62	25.53	24.67
		1	188	24.58	24.42	24.02	24.54	24.53	23.58	24.51	24.51	23.61	24.54	24.67	23.70
		90	45	25.43	26.08	25.49	24.96	25.99	24.95	24.57	26.07	25.08	25.04	26.16	25.03
	256QAM	180	0	25.41	25.94	25.46	25.05	26.12	25.00	25.18	26.16	25.13	25.13	26.19	25.19
		1	0	23.01	23.48	23.56	22.60	23.47	23.51	22.56	23.52	23.60	22.51	23.70	23.63
		1	1	23.02	23.57	23.59	22.63	23.51	23.56	22.57	23.67	23.63	22.69	23.69	23.64
		1	187	23.43	23.52	23.03	23.57	23.60	22.51	23.53	23.64	22.53	23.69	23.60	22.60
		1	188	23.56	23.47	22.99	23.49	23.48	22.45	23.60	23.59	22.51	23.59	23.61	22.54
		90	45	23.46	24.04	23.22	23.03	24.02	23.00	23.00	24.09	23.09	23.17	24.10	23.19
		180	0	23.52	24.10	23.50	23.03	24.00	23.03	23.09	24.07	23.17	23.13	24.01	23.19

OUTPUT POWER FOR 5G NR n41 (80.0 MHz)

(MHz)	Modulation	Allocation	Offset	507204	518598	529998	507204	518598	529998	507204	518598	529998	507204	518598	529998
				2536.0	2593.0	2650.0	2536.0	2593.0	2650.0	2536.0	2593.0	2650.0	2536.0	2593.0	2650.0
80.0	BPSK	1	0	23.98	24.56	24.62	23.70	24.51	24.56	23.64	24.57	24.68	23.58	24.69	24.70
		1	1	27.54	28.12	28.08	27.00	28.03	28.15	27.17	28.05	28.19	27.13	28.18	28.00
		1	215	28.03	27.95	27.54	28.12	28.00	27.02	28.18	28.07	27.13	28.14	28.07	27.11
		1	216	24.57	24.54	24.12	24.60	24.65	23.65	24.65	24.66	23.52	24.64	24.56	23.54
		108	54	28.13	28.70	28.15	27.70	28.70	27.70	25.20	28.69	27.64	25.66	28.70	27.70
		216	0	26.50	27.94	27.44	27.03	28.19	27.04	25.56	28.09	27.06	26.13	28.06	27.05
	QPSK	1	0	24.02	24.55	24.53	23.64	24.60	24.65	23.54	24.52	24.65	23.68	24.69	24.58
		1	1	27.51	28.02	28.02	27.06	28.04	28.13	27.16	28.12	28.04	27.19	28.04	28.05
		1	215	28.03	28.00	27.53	28.17	28.03	27.14	28.14	28.11	27.19	28.02	28.14	27.04
		1	216	24.54	24.61	23.99	24.65	24.61	23.54	24.64	24.56	23.64	24.50	24.68	23.69
		108	54	28.15	28.59	28.10	27.52	28.66	27.65	25.19	28.61	27.52	25.63	28.61	27.53
		216	0	26.55	27.57	26.97	26.67	27.55	26.54	25.58	27.56	26.59	26.15	27.52	26.62
	16QAM	1	0	24.11	24.53	24.56	23.51	24.64	24.64	23.63	24.64	24.56	23.52	24.56	24.65
		1	1	26.49	26.93	27.09	26.13	27.11	27.03	26.14	27.13	27.19	26.14	27.09	27.13
		1	215	27.08	27.03	26.52	27.18	27.13	26.00	27.18	27.02	26.15	27.02	27.05	26.08
		1	216	24.53	24.50	24.04	24.66	24.66	23.68	24.62	24.64	23.66	24.58	24.69	23.67
		108	54	27.20	27.60	27.16	26.65	27.69	26.69	25.20	27.70	26.70	25.61	27.65	26.66
		216	0	26.12	26.45	26.06	25.64	26.50	25.56	25.56	26.57	25.62	25.60	26.58	25.60
	64QAM	1	0	24.11	24.59	24.43	23.51	24.51	24.54	23.60	24.60	24.62	23.70	24.60	24.56
		1	1	24.99	25.49	25.53	24.61	25.49	25.51	24.51	25.61	25.56	24.62	25.54	25.65
		1	215	25.51	25.46	24.93	25.67	25.63	24.51	25.52	25.53	24.56	25.59	25.65	24.58
		1	216	24.51	24.56	24.02	24.67	24.62	23.62	24.58	24.53	23.68	24.51	24.59	23.50
		108	54	25.51	26.10	25.55	25.20	26.05	25.09	25.14	26.07	25.10	25.16	26.11	25.12
		216	0	25.43	26.05	25.43	25.13	26.15	25.06	25.18	26.12	25.19	25.19	26.18	25.01
	256QAM	1	0	22.95	23.53	23.43	22.70	23.61	23.58	22.50	23.50	23.66	22.56	23.58	23.65
		1	1	23.02	23.48	23.60	22.50	23.64	23.53	22.59	23.55	23.56	22.53	23.53	23.57
		1	215	23.44	23.45	23.06	23.65	23.66	22.61	23.59	23.67	22.54	23.64	23.65	22.67
		1	216	23.57	23.54	23.02	23.69	23.51	22.56	23.55	23.60	22.54	23.59	23.65	22.55
		108	54	23.49	24.11	23.62	23.08	24.02	23.05	23.20	24.19	23.06	23.00	24.04	23.14
		216	0	23.62	24.03	23.54	23.08	24.20	23.17	23.10	24.18	23.16	23.04	24.05	23.05

OUTPUT POWER FOR 5G NR n41 (90.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 2			ANT 1			ANT 4		
				508200	518598	528996	508200	518598	528996	508200	518598	528996	508200	518598	528996
90.0	BPSK	1	0	25.41.0	25.93.0	26.45.0	25.41.0	25.93.0	26.45.0	25.41.0	25.93.0	26.45.0	25.41.0	25.93.0	26.45.0
		1	1	24.08	24.53	24.59	23.52	24.68	24.58	23.61	24.59	24.69	23.59	24.44	24.44
		1	243	28.01	28.13	27.50	28.19	28.14	27.19	28.20	28.18	27.09	28.12	28.00	27.01
		1	244	24.57	24.53	23.97	24.62	24.59	23.62	24.57	24.69	23.52	24.50	24.61	23.53
		120	60	28.06	28.70	28.20	27.70	28.70	27.62	24.70	28.68	27.70	25.13	28.70	27.63
		243	0	26.48	28.13	27.59	27.11	28.13	27.05	27.20	28.19	27.16	26.98	28.02	27.12
	QPSK	1	0	24.11	24.50	24.59	23.55	24.57	24.50	23.65	24.53	24.65	23.60	24.51	24.50
		1	1	27.52	28.03	27.98	27.06	28.03	28.05	27.20	28.12	28.04	27.08	28.02	28.08
		1	243	28.01	27.99	27.63	28.18	28.18	27.18	28.08	28.07	27.03	28.10	28.04	27.05
		1	244	24.62	24.55	24.11	24.60	24.60	23.50	24.60	24.56	23.61	24.52	24.59	23.59
		120	60	28.10	28.62	28.09	27.60	28.64	27.52	24.58	28.67	27.54	24.94	28.62	27.45
		243	0	26.46	27.46	27.04	26.55	27.66	26.70	26.70	27.53	26.55	26.44	27.48	26.48
	16QAM	1	0	24.07	24.53	24.58	23.65	24.65	24.51	23.52	24.66	24.61	23.55	24.56	24.52
		1	1	26.62	27.09	27.03	26.12	27.18	27.16	26.00	27.06	27.17	26.11	27.11	27.14
		1	243	27.15	26.96	26.63	27.07	27.07	26.03	27.12	27.11	26.15	27.01	26.98	26.00
		1	244	24.48	24.65	24.02	24.67	24.59	23.59	24.53	24.62	23.59	24.44	24.50	23.44
		120	60	27.20	27.57	27.20	26.70	27.70	26.68	24.70	27.70	26.65	25.14	27.62	26.70
		243	0	26.06	26.60	26.13	25.58	26.66	25.60	25.53	26.65	25.63	25.63	26.62	25.61
	64QAM	1	0	24.03	24.46	24.64	23.63	24.57	24.62	23.59	24.63	24.63	23.45	24.45	24.44
		1	1	25.02	25.51	25.50	24.69	25.50	25.62	24.63	25.55	25.56	24.59	25.49	25.47
		1	243	25.46	25.60	25.08	25.61	25.56	24.63	25.58	25.64	24.50	25.58	25.51	24.45
		1	244	24.50	24.65	24.07	24.64	24.65	23.64	24.58	24.56	23.58	24.57	24.52	23.50
		120	60	25.63	26.04	25.60	25.07	26.17	25.06	24.63	26.08	25.09	25.13	26.07	24.97
		243	0	25.60	25.97	25.49	25.15	26.19	25.13	25.10	26.00	25.19	24.96	26.07	25.07
	256QAM	1	0	23.04	23.49	23.54	22.66	23.68	23.65	22.57	23.68	23.64	22.50	23.49	23.64
		1	1	23.08	23.48	23.63	22.52	23.64	23.63	22.62	23.66	23.60	22.52	23.53	23.45
		1	243	23.62	23.55	22.98	23.64	23.51	22.62	23.53	23.52	22.56	23.53	23.60	22.53
		1	244	23.53	23.58	23.09	23.68	23.52	22.58	23.61	23.61	22.52	23.57	23.63	22.50
		120	60	23.47	23.96	23.49	23.04	24.05	23.16	23.12	24.15	23.00	23.07	24.00	23.08
		243	0	23.61	24.06	23.50	23.05	24.04	23.03	23.17	24.09	23.18	23.10	24.06	22.98

OUTPUT POWER FOR 5G NR n41 (100.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 2			ANT 1			ANT 4		
				509202	518598	528000	509202	518598	528000	509202	518598	528000	509202	518598	528000
100.0	BPSK	1	0	24.00	24.50	24.66	23.63	24.69	24.63	23.56	24.63	24.67	23.50	24.63	24.63
		1	1	27.59	28.04	28.12	27.00	28.09	28.08	27.09	28.03	28.12	27.12	28.10	28.06
		1	271	28.18	28.19	27.51	28.14	28.07	27.09	28.16	28.13	27.08	28.00	28.15	27.15
		1	272	24.55	24.63	24.02	24.64	24.68	23.65	24.56	24.60	23.61	24.69	24.50	23.54
		135	67	26.20	28.70	28.20	26.70	28.70	27.70	25.20	28.70	27.70	24.10	28.70	27.70
		270	0	25.54	28.06	27.56	25.59	28.14	27.02	25.69	28.14	27.08	25.14	28.05	27.15
	QPSK	1	0	24.02	24.52	24.60	23.68	24.50	24.69	23.64	24.57	24.70	23.56	24.60	24.51
		1	1	27.61	28.12	28.06	27.10	28.04	28.17	27.06	28.03	28.14	27.07	28.18	28.07
		1	271	28.13	28.09	27.50	28.16	28.12	27.09	28.10	28.14	27.05	28.20	28.03	27.10
		1	272	24.59	24.59	24.04	24.55	24.59	23.56	24.51	24.53	23.68	24.56	24.56	23.54
		135	67	26.09	28.66	28.10	26.62	28.61	27.68	25.10	28.58	27.55	24.03	28.54	27.68
		270	0	25.64	27.69	27.13	25.65	27.62	26.65	25.52	27.63	26.67	25.10	27.64	26.52
	16QAM	1	0	24.04	24.66	24.50	23.53	24.61	24.55	23.62	24.52	24.67	23.59	24.65	24.70
		1	1	26.56	27.07	27.03	26.06	27.15	27.07	26.11	27.10	27.09	26.03	27.04	27.05
		1	271	27.13	27.04	26.64	27.13	27.16	26.00	27.05	27.06	26.11	27.12	27.20	26.18
		1	272	24.58	24.52	24.09	24.62	24.63	23.52	24.57	24.66	23.66	24.65	24.53	23.63
		135	67	26.20	27.63	27.20	26.70	27.60	26.66	25.20	27.61	26.70	24.17	27.66	26.69
		270	0	25.58	26.55	26.02	25.67	26.58	25.64	25.64	26.50	25.51	25.06	26.58	25.68
	64QAM	1	0	24.13	24.67	24.59	23.51	24.64	24.69	23.56	24.69	24.51	23.65	24.60	24.63
		1	1	25.13	25.68	25.59	24.58	25.66	25.52	24.61	25.63	25.52	24.67	25.66	25.66
		1	271	25.59	25.54	25.08	25.51	25.63	24.63	25.66	25.50	24.63	25.55	25.56	24.53
		1	272	24.65	24.66	24.08	24.58	24.58	23.70	24.54	24.55	23.69	24.52	24.54	23.58
		135	67	25.68	26.14	25.59	25.18	26.15	25.06	25.06	26.18	25.13	24.07	26.10	25.10
		270	0	25.63	26.12	25.69	25.10	26.07	25.18	25.16	26.14	25.14	25.17	26.04	25.15
	256QAM	1	0	23.05	23.57	23.51	22.50	23.63	23.69	22.69	23.56	23.61	22.54	23.57	23.69
		1	1	23.13	23.68	23.54	22.54	23.56	23.51	22.52	23.54	23.67	22.53	23.57	23.60
		1	271	23.61	23.67	23.06	23.65	23.52	22.54	23.57	23.60	22.54	23.57	23.53	22.60
		1	272	23.53	23.59	23.03	23.65	23.68	22.54	23.66	23.56	22.53	23.55	23.66	22.64
		135	67	23.63	24.00	23.65	23.02	24.04	23.07	23.00	24.00	23.02	23.04	24.03	23.02
		270	0	23.60	24.00	23.50	23.14	24.05	23.19	23.08	24.07	23.00	23.16	24.08	23.04

8.6. ULCA LTE BAND 41 (FCC)

Test Engineer ID:	25780	Test Date:	2025-03-10
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OUTPUT POWER FOR ULCA LTE BAND 41 (5.0MHz + 20.0MHz)

Bandwidth	PCC Frequency (MHz)	SCC1 Frequency (MHz)	PCC RB		SCC1 RB		Conducted Average (dBm)															
			Size	Offset	Size	Offset	ANT 3				ANT 2				ANT 1				ANT 4			
							QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
5MHz / 20MHz	2499.3	2511.0	1	24	1	0	22.93	23.02	23.09	21.57	22.58	22.60	22.68	21.24	22.49	22.53	22.57	21.12	22.62	22.61	22.69	21.25
			25	0	100	0	23.15	23.15	23.15	21.64	22.52	22.51	22.52	21.06	22.43	22.46	22.46	21.05	22.59	22.60	22.59	21.17
	2583.8	2595.5	1	24	1	0	28.69	27.05	26.68	22.65	28.70	26.94	26.65	22.45	28.65	27.16	26.51	22.57	28.66	26.94	26.45	22.37
			25	0	100	0	26.64	25.69	25.70	22.67	26.58	25.53	25.52	22.55	26.61	25.56	25.57	22.63	26.70	25.59	25.60	22.60
	2668.3	2680.0	1	24	1	0	28.05	26.41	26.02	21.94	27.50	25.93	25.52	21.48	27.57	26.20	25.57	21.68	27.40	25.98	25.46	21.50
			25	0	100	0	26.19	25.20	25.13	22.18	25.70	24.65	24.65	21.69	25.57	24.63	24.60	21.61	25.65	24.61	24.62	21.66

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

Bandwidth	PCC Frequency (MHz)	SCC1 Frequency (MHz)	PCC RB		SCC1 RB		Conducted Average (dBm)															
			Size	Offset	Size	Offset	ANT 3				ANT 2				ANT 1				ANT 4			
							QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
20MHz / 5MHz	2506.0	2517.7	1	99	1	0	27.19	26.55	26.12	22.02	26.62	26.02	25.56	21.57	26.53	26.00	25.48	21.61	26.48	25.97	25.54	21.55
			100	0	25	0	23.00	23.02	23.02	21.48	22.63	22.62	22.55	21.20	22.47	22.41	22.50	21.03	22.44	22.46	22.48	21.08
			1	99	1	0	28.70	27.04	26.55	22.67	28.63	26.85	26.56	22.53	28.57	26.91	26.47	22.46	28.60	26.86	26.54	22.52
	2590.5	2602.2	100	0	25	0	26.67	25.69	25.68	22.62	26.62	25.53	25.56	22.52	26.50	25.49	25.50	22.53	26.59	25.48	25.50	22.47
			1	99	1	0	28.20	26.59	26.13	22.20	27.39	25.93	25.47	21.52	27.51	26.06	25.59	21.66	27.53	25.96	25.59	21.51
			100	0	25	0	26.00	25.06	25.05	22.03	25.61	24.64	24.58	21.60	25.62	24.69	24.70	21.67	25.70	24.64	24.69	21.69

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

Bandwidth	PCC Frequency (MHz)	SCC1 Frequency (MHz)	PCC RB	PCC Offset	SCC1 RB	SCC1 Offset	Conducted Average (dBm)															
							ANT 3				ANT 2				ANT 1				ANT 4			
							Size	Offset	Size	Offset	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
10MHz / 20MHz	2501.5	2515.9	1	49	1	0	23.09	23.07	23.07	21.56	22.65	22.60	22.59	21.11	22.63	22.60	22.60	21.18	22.59	22.58	22.58	21.04
			50	0	100	0	22.93	22.92	22.92	21.55	22.70	22.68	22.68	21.19	22.61	22.56	22.52	21.18	22.62	22.62	22.64	21.15
	2583.6	2598.0	1	49	1	0	28.52	27.03	26.53	22.44	28.64	26.93	26.55	22.57	28.65	26.89	26.49	22.42	28.59	26.96	26.42	22.57
			50	0	100	0	26.46	25.54	25.54	22.44	26.63	25.54	25.54	22.55	26.47	25.50	25.51	22.48	26.70	25.55	25.58	22.61
	2665.6	2680.0	1	49	1	0	28.01	26.34	25.96	22.00	27.37	25.78	25.46	21.32	27.54	26.08	25.43	21.60	27.52	25.99	25.61	21.56
			50	0	100	0	26.16	25.18	25.16	22.20	25.56	24.56	24.56	21.61	25.66	24.67	24.70	21.69	25.70	24.65	24.65	21.64

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

Bandwidth	PCC Frequency (MHz)	SCC1 Frequency (MHz)	PCC RB	PCC Offset	SCC1 RB	SCC1 Offset	Conducted Average (dBm)															
							ANT 3				ANT 2				ANT 1				ANT 4			
							Size	Offset	Size	Offset	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
20MHz / 10MHz	2506.0	2520.4	1	99	1	0	27.10	26.46	25.97	22.01	26.66	26.10	25.59	21.67	26.64	26.11	25.59	21.65	26.59	25.98	25.55	21.58
			100	0	50	0	23.02	23.03	23.03	21.65	22.56	22.58	22.57	21.18	22.61	22.59	22.47	21.20	22.45	22.48	22.50	21.04
			1	99	1	0	28.63	27.11	26.50	22.48	28.64	26.98	26.54	22.65	28.58	26.95	26.41	22.42	28.66	26.91	26.53	22.62
	2588.1	2602.5	100	0	50	0	26.56	25.64	25.65	22.56	26.70	25.66	25.68	22.61	26.43	25.44	25.45	22.45	26.63	25.57	25.58	22.60
			1	99	1	0	28.06	26.60	26.20	22.18	27.45	25.90	25.60	21.60	27.49	25.97	25.39	21.54	27.39	25.82	25.46	21.58
			100	0	50	0	26.11	25.10	25.10	22.09	25.64	24.64	24.64	21.65	25.62	24.63	24.69	21.68	25.68	24.66	24.70	21.68

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

Bandwidth	PCC Frequency (MHz)	SCC1 Frequency (MHz)	PCC RB	PCC RB	SCC1 RB	SCC1 RB	Conducted Average (dBm)															
			ANT 3				ANT 2				ANT 1				ANT 4							
			Size	Offset	Size	Offset	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
15MHz / 15MHz	2503.5	2518.5	1	74	1	0	28.01	26.53	26.01	22.06	27.70	26.10	25.55	21.70	27.47	25.96	25.52	21.68	27.46	25.91	25.60	21.59
			75	0	75	0	22.89	22.91	22.90	21.46	22.55	22.53	22.52	21.09	22.64	22.62	22.62	21.07	22.47	22.40	22.39	21.03
	2585.5	2600.5	1	74	1	0	28.61	27.06	26.45	22.47	28.70	27.11	26.68	22.61	28.52	27.01	26.52	22.63	28.55	26.96	26.41	22.40
			75	0	75	0	26.42	25.47	25.47	22.46	26.61	25.53	25.52	22.56	26.44	25.40	25.41	22.44	26.48	25.43	25.46	22.49
	2667.5	2682.5	1	74	1	0	28.20	26.64	26.10	22.17	27.52	26.13	25.61	21.51	27.51	26.10	25.63	21.69	27.45	25.93	25.70	21.66
			75	0	75	0	26.10	25.10	25.09	22.13	25.54	24.55	24.52	21.58	25.62	24.65	24.70	21.68	25.48	24.55	24.54	21.56

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

Bandwidth	PCC Frequency (MHz)	SCC1 Frequency (MHz)	PCC	PCC	SCC1	SCC1	Conducted Average (dBm)															
			RB	RB	RB	RB	ANT 3				ANT 2				ANT 1				ANT 4			
			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	28.19	26.68	26.15	22.11	27.51	26.05	25.68	21.69	27.43	25.87	25.24	21.50	27.57	25.97	25.46	21.50
			75	0	100	0	22.86	22.91	22.91	21.46	22.51	22.49	22.49	21.08	22.67	22.65	22.58	21.08	22.45	22.39	22.46	21.07
	2583.3	2600.4	1	74	1	0	28.65	27.11	26.62	22.69	28.69	27.16	26.70	22.66	28.68	27.16	26.52	22.70	28.60	27.06	26.65	22.68
			75	0	100	0	26.51	25.48	25.50	22.50	26.63	25.54	25.54	22.51	26.59	25.53	25.34	22.43	26.60	25.53	25.54	22.57
	2662.9	2680.0	1	74	1	0	27.92	26.28	25.97	22.08	27.54	25.99	25.47	21.60	27.32	26.06	25.24	21.62	27.48	26.00	25.70	21.55
			75	0	100	0	26.08	25.09	25.06	22.20	25.50	24.62	24.58	21.57	25.55	24.60	24.27	21.62	25.65	24.65	24.67	21.62

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 2				ANT 1				ANT 2			
							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	27.98	26.51	25.94	21.79	27.45	26.03	25.68	21.62	27.46	25.88	25.65	21.53	27.53	25.92	25.55	21.65
			100	0	75	0	23.06	22.97	22.88	21.65	22.52	22.55	22.55	21.15	22.36	22.36	22.38	20.97	22.43	22.46	22.48	21.07
			1	99	1	0	28.64	27.01	26.58	22.60	28.70	27.14	26.61	22.70	28.60	27.13	26.58	22.55	28.62	27.03	26.57	22.69
	2585.6	2602.7	100	0	75	0	26.52	25.54	25.54	22.47	26.69	25.64	25.64	22.59	26.56	25.49	25.48	22.43	26.60	25.55	25.56	22.58
			1	99	1	0	27.99	26.42	25.95	22.09	27.53	26.06	25.60	21.68	27.53	26.13	25.56	21.63	27.45	26.02	25.59	21.60
			100	0	75	0	26.20	25.12	25.13	22.15	25.68	24.67	24.64	21.67	25.69	24.67	24.70	21.67	25.69	24.65	24.70	21.65

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 2				ANT 1				ANT 2			
							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	28.10	26.56	26.10	22.16	27.62	26.16	25.61	21.64	27.54	26.12	25.53	21.60	27.52	26.03	25.45	21.58
			1	0	1	99	15.12	15.01	15.09	15.10	14.53	14.45	14.56	14.52	14.28	14.29	14.29	14.28	14.50	14.49	14.48	14.58
			100	0	100	0	22.97	22.97	22.97	21.49	22.54	22.54	22.54	21.12	22.35	22.35	22.37	20.91	22.38	22.37	22.38	21.02
	2583.1	2602.9	1	99	1	0	28.60	27.05	26.56	22.63	28.68	27.20	26.64	22.62	28.63	27.15	26.49	22.65	28.50	27.02	26.61	22.63
			1	0	1	99	20.15	20.14	20.20	20.19	20.20	20.16	20.15	20.14	20.01	20.00	20.02	19.98	20.07	20.03	20.09	20.12
			100	0	100	0	27.60	26.55	25.53	22.50	27.59	26.64	25.58	22.55	27.39	26.43	25.42	22.40	27.43	26.48	25.47	22.47
	2660.2	2680.0	1	99	1	0	28.20	26.66	26.03	22.14	27.66	26.13	25.64	21.61	27.68	26.14	25.61	21.64	27.54	26.14	25.68	21.65
			1	0	1	99	19.56	19.49	19.52	19.58	19.13	19.12	19.08	19.07	19.11	19.17	19.17	19.20	19.20	19.17	19.16	19.19
			100	0	100	0	26.92	25.99	24.91	22.01	26.66	25.61	24.60	21.65	26.66	25.58	24.58	21.60	26.57	25.54	24.52	21.54

8.7. LTE BAND 41 (IC)

Test Engineer ID:	39005	Test Date:	2025-03-18
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OUTPUT POWER FOR LTE BAND 41 (5.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 2			ANT 1			ANT 4		
				39715 2502.5	40640 2595.0	41565 2687.5	39715 2502.5	40640 2595.0	41565 2687.5	39715 2502.5	40640 2595.0	41565 2687.5	39715 2502.5	40640 2595.0	41565 2687.5
5.0	QPSK	1	0	27.72	28.13	27.70	27.09	28.19	27.20	26.90	28.39	27.37	27.18	28.27	26.92
		1	12	27.37	28.37	27.66	27.14	28.19	27.21	27.06	28.06	27.02	27.25	28.01	27.04
		1	24	27.63	28.38	27.63	26.91	28.17	27.38	27.15	28.14	27.07	27.43	27.98	27.12
		2	0	28.20	28.59	27.95	27.51	28.50	27.70	27.70	28.70	27.70	27.57	28.62	27.70
		2	23	27.95	28.70	28.20	27.70	28.70	27.65	27.59	28.63	27.67	27.70	28.70	27.42
		12	0	26.93	27.73	26.91	26.53	27.67	26.94	26.72	27.80	26.84	26.70	27.65	26.49
		12	6	27.10	27.74	27.23	26.72	27.50	26.77	26.66	27.93	26.73	26.69	27.63	26.59
		12	11	26.97	27.69	26.90	26.45	27.63	26.80	26.60	27.81	26.56	26.68	27.74	26.73
		25	0	26.91	27.70	27.13	26.49	27.49	26.88	26.54	27.58	26.90	26.61	27.66	26.44
		1	0	26.64	27.30	26.45	26.14	27.05	26.49	26.17	27.35	26.17	26.43	26.93	25.87
	16QAM	1	12	26.46	27.13	26.77	26.00	27.29	26.28	25.87	27.43	26.19	26.14	27.07	26.05
		1	24	26.58	27.26	26.59	26.27	27.30	26.39	26.09	27.05	26.31	26.12	26.90	26.02
		2	0	26.91	27.70	26.83	26.42	27.70	26.67	26.65	27.70	26.77	26.89	27.43	26.36
		2	23	26.94	27.66	26.88	26.36	27.63	26.57	26.53	27.54	26.54	26.64	27.40	26.45
		12	0	25.81	26.69	25.81	25.53	26.61	25.74	25.48	26.79	25.48	25.77	26.59	25.68
		12	6	25.86	26.46	25.73	25.58	26.65	25.69	25.58	26.67	25.74	25.89	26.62	25.50
		12	11	25.75	26.42	26.03	25.27	26.32	25.61	25.39	26.77	25.69	25.93	26.68	25.36
		25	0	25.73	26.46	25.81	25.37	26.62	25.89	25.33	26.67	25.60	25.87	26.75	25.69
		1	0	25.39	26.07	25.40	25.07	25.86	25.06	24.85	26.00	25.06	25.36	26.04	25.19
		1	12	25.31	26.05	25.50	25.02	25.94	25.24	25.06	26.36	25.16	25.24	26.13	24.98
	64QAM	1	24	25.37	25.97	25.48	24.98	26.12	25.33	24.93	26.30	25.36	25.36	26.03	24.91
		2	0	26.03	26.41	25.76	25.28	26.52	25.53	25.69	26.81	25.66	25.92	26.44	25.52
		2	23	25.87	26.66	25.71	25.41	26.34	25.59	25.62	26.83	25.74	25.75	26.66	25.70
		12	0	24.72	25.65	24.97	24.57	25.61	24.83	24.63	25.65	24.85	24.55	25.61	24.49
		12	6	24.77	25.34	25.06	24.44	25.41	24.69	24.37	25.73	24.83	24.56	25.71	24.66
		12	11	24.72	25.65	24.94	24.34	25.51	24.82	24.62	25.71	24.78	24.84	25.76	24.40
		25	0	24.74	25.49	24.78	24.29	25.45	24.51	24.41	25.53	24.85	24.55	25.49	24.62
		1	0	22.38	23.21	22.44	22.01	22.95	22.10	22.18	23.10	21.99	22.08	23.24	22.07
		1	12	22.42	23.21	22.45	22.10	23.16	22.06	21.86	23.16	22.05	22.19	22.97	21.94
		1	24	22.25	23.07	22.53	21.96	23.67	22.13	22.08	23.29	21.98	22.21	23.17	21.95
	256QAM	2	0	23.02	23.65	22.92	22.59	23.42	23.87	22.63	23.83	22.74	22.81	23.52	22.62
		2	23	22.71	23.33	22.77	22.56	23.68	22.53	22.51	23.79	22.57	22.89	23.59	22.57
		12	0	22.98	23.25	22.63	22.48	23.31	22.77	22.52	23.77	22.68	22.59	23.45	22.58
		12	6	22.76	23.43	22.71	22.42	23.45	22.57	22.31	23.53	22.59	22.75	23.45	22.58
		12	11	22.86	23.54	22.91	22.28	23.44	22.61	22.43	23.59	22.59	22.69	23.38	22.57
		25	0	22.94	23.35	22.71	22.48	23.55	22.75	22.33	23.72	22.55	22.78	23.54	22.51

OUTPUT POWER FOR LTE BAND 41 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 2			ANT 1			ANT 4		
				39740 2505.0	40640 2595.0	41540 2685.0	39740 2505.0	40640 2595.0	41540 2685.0	39740 2505.0	40640 2595.0	41540 2685.0	39740 2505.0	40640 2595.0	41540 2685.0
10.0	QPSK	1	0	27.66	28.19	27.48	26.93	28.49	27.24	27.19	28.22	26.93	27.12	27.93	27.11
		1	24	27.58	28.08	27.35	27.19	28.16	27.03	27.05	28.42	26.93	26.91	28.11	27.20
		1	49	27.37	28.23	27.55	26.98	28.41	26.98	26.89	28.29	27.00	26.85	27.95	26.90
		2	0	28.07	28.70	28.20	27.42	28.70	27.70	27.47	28.70	27.39	27.32	28.52	27.65
		2	48	27.80	28.58	28.15	27.50	28.65	27.58	27.41	28.69	27.70	27.70	28.70	27.46
		25	0	27.01	27.58	26.99	26.52	27.69	26.68	26.59	27.75	26.35	26.46	27.35	26.58
		25	12	27.09	27.51	26.88	26.51	27.85	26.65	26.64	27.74	26.70	26.45	27.58	26.54
		25	24	26.89	27.57	27.20	26.67	27.74	26.44	26.53	27.62	26.33	26.47	27.39	26.32
		50	0	27.01	27.65	27.20	26.39	27.65	26.76	26.49	27.70	26.42	26.33	27.39	26.60
		1	0	26.35	27.12	26.66	26.03	27.29	26.19	25.92	27.27	26.19	26.03	27.07	26.00
	16QAM	1	24	26.69	27.31	26.53	26.04	27.31	26.23	26.16	27.21	26.14	25.83	26.95	25.97
		1	49	26.67	26.94	26.33	25.94	27.48	26.21	26.17	27.44	26.20	25.88	26.84	26.02
		2	0	26.92	27.49	26.84	26.41	27.70	26.34	26.37	27.70	26.47	26.41	27.51	26.40
		2	48	27.12	27.66	26.81	26.36	27.56	26.31	26.34	27.57	26.54	26.48	27.53	26.32
		25	0	26.05	26.68	26.10	25.29	26.91	25.54	25.55	26.84	25.49	25.66	26.55	25.33
		25	12	26.13	26.68	26.00	25.63	26.53	25.45	25.56	26.62	25.48	25.32	26.71	25.44
		25	24	26.19	26.77	25.92	25.36	26.84	25.35	25.48	26.59	25.65	25.64	26.56	25.47
		50	0	26.00	26.66	25.94	25.50	26.69	25.62	25.68	26.52	25.38	25.58	26.66	25.54
		1	0	25.35	26.25	25.64	24.87	26.08	25.08	25.12	26.17	25.14	24.82	26.08	25.07
		1	24	25.33	26.07	25.42	24.95	26.33	25.06	25.13	26.23	25.06	25.02	26.04	25.17
	64QAM	1	49	25.62	26.16	25.39	24.80	26.14	25.13	25.13	26.17	25.09	24.84	26.11	25.02
		2	0	25.97	26.44	25.96	25.38	26.82	25.33	25.41	26.59	25.57	25.56	26.35	25.67
		2	48	25.90	26.67	25.92	25.25	26.80	25.26	25.46	26.83	25.63	25.41	26.47	25.55
		25	0	24.93	25.54	24.89	24.42	25.63	24.39	24.46	25.65	24.46	24.59	25.41	24.42
		25	12	25.06	25.54	24.88	24.27	25.55	24.62	24.49	25.87	24.41	24.52	25.62	24.35
		25	24	25.00	25.78	25.15	24.27	25.81	24.49	24.60	25.89	24.59	24.54	25.61	24.48
		50	0	24.91	25.59	25.19	24.24	25.75	24.62	24.37	25.67	24.65	24.37	25.64	24.60
		1	0	22.61	22.96	22.51	22.04	23.30	21.75	21.94	23.30	21.95	22.04	22.88	21.86
		1	24	22.52	23.03	22.46	22.00	23.03	21.98	21.79	23.27	22.07	22.03	23.08	21.99
		1	49	22.54	23.03	22.41	22.00	23.27	21.83	22.12	23.27	21.96	21.93	22.99	21.91
	256QAM	2	0	23.15	23.70	23.20	22.45	23.77	22.31	22.60	23.84	22.68	22.51	23.58	22.69
		2	48	23.15	23.81	23.07	22.52	23.91	22.46	22.64	23.81	22.47	22.42	23.73	22.47
		25	0	23.04	23.50	22.83	22.32	23.88	22.29	22.43	23.58	22.65	22.42	23.65	22.55
		25	12	23.05	23.52	23.18	22.42	23.68	22.31	22.50	23.61	22.34	22.51	23.42	22.36
25		24	22.81	23.64	23.07	22.30	23.56	22.45	22.51	23.78	22.45	22.38	23.37	22.42	
50		0	23.30	23.70	23.12	22.50	23.67	22.43	22.56	23.67	22.58	22.43	23.58	22.41	
25		0	23.04	23.50	22.83	22.32	23.88	22.29	22.43	23.58	22.65	22.42	23.65	22.55	
25		12	23.05	23.52	23.18	22.42	23.68	22.31	22.50	23.61	22.34	22.51	23.42	22.36	

OUTPUT POWER FOR LTE BAND 41 (15.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 2			ANT 1			ANT 4		
				39765	40640	41515	39765	40640	41515	39765	40640	41515	39765	40640	41515
15.0	QPSK	1	0	2507.5	2595.0	2682.5	2507.5	2595.0	2682.5	2507.5	2595.0	2682.5	2507.5	2595.0	2682.5
		1	37	22.66	27.94	27.58	22.10	28.33	27.14	22.14	28.18	27.21	22.16	28.01	27.06
		1	74	27.76	27.89	27.62	27.21	27.94	27.12	26.94	28.36	27.18	27.00	28.21	27.05
		2	0	23.21	28.10	27.54	27.13	28.08	27.19	27.09	28.25	27.23	27.07	28.05	27.29
		2	73	28.16	28.70	28.09	27.47	28.70	27.70	27.53	28.70	27.70	27.70	28.57	27.67
		36	0	23.10	27.58	27.36	22.61	27.67	26.48	22.55	27.80	26.46	22.79	27.84	26.57
		36	16	26.98	27.46	27.23	26.65	27.55	26.45	26.57	27.70	26.39	26.45	27.53	26.77
		36	35	24.08	27.44	27.25	23.45	27.46	26.62	23.45	27.62	26.70	23.72	27.73	26.54
		75	0	23.18	27.45	27.22	22.67	27.69	26.63	22.40	27.62	26.54	22.56	27.66	26.71
		1	0	21.47	27.25	26.48	21.03	26.97	26.01	21.04	27.26	26.18	21.28	27.07	26.32
	16QAM	1	37	26.60	27.13	26.59	26.10	27.31	26.13	26.16	27.17	26.15	25.98	27.21	26.27
		1	74	26.83	27.21	26.83	26.02	27.14	25.98	26.19	27.01	25.94	25.96	27.07	26.21
		2	0	22.35	27.56	26.99	21.62	27.53	26.50	21.55	27.70	26.46	21.42	27.47	26.58
		2	73	26.97	27.43	27.08	26.65	27.57	26.58	26.46	27.50	26.27	26.42	27.70	26.45
		36	0	22.02	26.51	25.98	21.63	26.47	25.71	21.41	26.41	25.20	21.50	26.48	25.63
		36	16	26.21	26.53	26.05	25.56	26.71	25.52	25.41	26.40	25.43	25.43	26.44	25.43
		36	35	23.18	26.66	26.33	22.78	26.45	25.75	22.51	26.63	25.19	22.40	26.48	25.74
		75	0	22.32	26.65	26.09	21.57	26.67	25.51	21.38	26.35	25.40	21.36	26.60	25.61
		1	0	20.58	26.24	25.74	20.14	26.28	25.20	19.96	25.92	25.08	20.06	26.25	24.84
		1	37	25.85	26.25	25.81	25.11	26.02	25.01	24.91	26.02	24.87	24.98	26.04	25.01
	64QAM	1	74	25.47	26.15	25.67	25.08	26.07	24.93	24.87	25.95	24.88	25.21	26.06	25.07
		2	0	21.12	26.44	26.03	20.67	26.49	25.43	20.35	26.56	25.35	20.64	26.52	25.61
		2	73	26.26	26.60	26.11	25.77	26.72	25.44	25.28	26.35	25.21	25.55	26.49	25.42
		36	0	20.98	25.42	25.27	20.70	25.61	24.62	20.28	25.66	24.46	20.60	25.48	24.52
		36	16	25.10	25.58	25.33	24.50	25.70	24.76	24.32	25.56	24.45	24.41	25.60	24.52
		36	35	22.01	25.68	25.17	21.74	25.44	24.53	21.45	25.50	24.24	21.69	25.74	24.55
		75	0	21.12	25.36	25.20	20.61	25.73	24.72	20.49	25.67	24.21	20.69	25.43	24.55
		1	0	17.70	23.08	22.75	17.19	23.10	22.14	16.88	23.13	21.94	17.05	22.88	22.10
		1	37	22.69	22.95	22.53	22.06	23.19	21.93	21.78	23.22	21.83	22.24	23.18	22.11
		1	74	22.62	22.93	22.70	22.09	23.15	22.17	21.76	23.07	21.84	22.23	22.95	22.12
	256QAM	2	0	18.13	23.43	23.20	17.45	23.52	22.72	17.22	23.53	22.51	17.35	23.53	22.73
		2	73	23.30	23.70	23.32	22.74	23.69	22.62	22.33	23.70	22.36	22.70	23.65	22.69
		36	0	19.21	23.56	23.19	18.66	23.69	22.44	18.31	23.53	22.24	18.59	23.47	22.63
		36	16	23.10	23.52	23.19	22.50	23.67	22.44	22.20	23.42	22.20	22.56	23.46	22.58
		36	35	20.07	23.64	23.00	19.44	23.61	22.64	19.22	23.70	22.45	19.65	23.42	22.47
		75	0	19.21	23.56	23.23	18.55	23.58	22.62	18.34	23.51	22.36	18.61	23.43	22.53

OUTPUT POWER FOR LTE BAND 41 (20.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 2			ANT 1			ANT 4		
				39790 2510.0	40640 2595.0	41490 2680.0	39790 2510.0	40640 2595.0	41490 2680.0	39790 2510.0	40640 2595.0	41490 2680.0	39790 2510.0	40640 2595.0	41490 2680.0
20.0	QPSK	1	0	22.56	28.12	27.57	22.17	28.02	26.98	22.17	28.11	27.33	22.30	28.18	27.18
		1	49	27.74	28.11	27.46	26.96	28.23	27.29	27.25	28.20	27.00	27.35	28.27	27.01
		1	99	27.42	28.04	27.50	27.03	28.36	27.19	27.00	28.32	27.07	27.32	28.17	27.06
		2	0	22.90	28.70	28.20	22.67	28.65	27.43	22.54	28.57	27.58	22.87	28.56	27.53
		2	98	28.01	28.64	27.99	27.70	28.70	27.56	27.66	28.70	27.70	27.70	28.70	27.62
		50	0	22.93	27.68	27.19	22.67	27.74	26.46	22.65	27.64	26.81	22.69	27.82	26.53
		50	24	27.20	27.50	27.01	26.61	27.83	26.52	26.79	27.96	26.79	26.67	27.72	26.49
		50	49	23.94	27.47	27.22	23.73	27.66	26.64	23.57	27.89	26.62	23.60	27.48	26.61
		100	0	23.25	27.54	27.03	22.53	27.81	26.76	22.55	27.62	26.61	22.57	27.77	26.58
		16QAM	1	0	21.44	26.96	26.45	21.27	27.02	26.01	21.38	27.12	26.13	20.98	27.15
	1		49	26.66	26.97	26.70	25.96	27.01	26.17	26.37	27.42	26.07	26.19	27.00	26.06
	1		99	26.47	27.21	26.62	26.24	27.19	26.20	26.20	27.41	26.36	26.26	27.09	26.11
	2		0	22.10	27.70	27.20	21.47	27.45	26.52	21.47	27.51	26.51	21.51	27.52	26.55
	2		98	26.87	27.41	27.11	26.37	27.70	26.53	26.76	27.70	26.64	26.86	27.57	26.87
	50		0	22.14	26.78	26.13	21.54	26.56	25.47	21.68	26.46	25.58	21.63	26.75	25.58
	50		24	25.90	26.71	26.14	25.43	26.60	25.42	25.49	26.73	25.67	25.73	26.78	25.63
	50		49	23.14	26.42	26.03	22.41	26.65	25.53	22.67	26.72	25.74	22.72	26.76	25.54
	100		0	22.03	26.73	25.94	21.60	26.48	25.55	21.50	26.77	25.64	21.67	26.84	25.57
	64QAM	1	0	20.51	26.23	25.71	19.91	26.29	24.95	20.18	26.06	25.03	20.09	26.22	25.16
		1	49	25.46	26.07	25.70	25.12	26.30	25.05	25.11	26.17	25.25	25.15	26.18	25.07
		1	99	25.57	26.16	25.46	25.02	26.31	24.89	25.24	26.12	24.98	25.10	26.33	25.15
		2	0	21.14	26.67	25.93	20.37	26.56	25.50	20.42	26.69	25.65	20.61	26.62	25.83
		2	98	25.88	26.72	25.96	25.60	26.58	25.42	25.40	26.80	25.64	25.49	26.53	25.87
		50	0	21.18	25.60	25.04	20.43	25.60	24.45	20.73	25.48	24.76	20.82	25.65	24.53
		50	24	25.17	25.51	25.21	24.46	25.79	24.38	24.76	25.63	24.66	24.76	25.64	24.55
		50	49	22.10	25.54	24.99	21.41	25.62	24.51	21.65	25.77	24.43	21.58	25.60	24.52
		100	0	21.00	25.76	24.88	20.52	25.64	24.42	20.64	25.59	24.50	20.86	25.70	24.64
	256QAM	1	0	17.56	23.21	22.63	17.05	23.11	21.96	17.21	23.32	22.07	17.24	23.33	22.17
		1	49	22.59	23.06	22.66	22.03	23.05	22.21	22.11	23.24	21.88	22.15	23.14	22.36
		1	99	22.66	23.29	22.43	21.91	22.96	21.95	21.91	23.25	22.14	22.18	23.08	22.34
		2	0	18.20	23.65	23.20	17.37	23.83	22.39	17.43	23.74	22.73	17.50	23.73	22.67
		2	98	22.95	23.55	23.17	22.75	23.75	22.70	22.63	23.78	22.75	22.84	23.77	22.76
		50	0	18.85	23.62	23.17	18.51	23.83	22.45	18.47	23.63	22.73	18.48	23.62	22.56
		50	24	22.78	23.53	22.99	22.58	23.65	22.45	22.47	23.46	22.73	22.59	23.47	22.64
		50	49	19.86	23.41	23.06	19.58	23.47	22.57	19.45	23.62	22.49	19.79	23.52	22.54
100		0	19.17	23.57	23.19	18.71	23.67	22.58	18.76	23.60	22.39	18.57	23.52	22.55	

8.8. 5G NR n41 (IC)

Test Engineer ID:	25780	Test Date:	2025-02-21
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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 2			ANT 1			ANT 4		
				501000	519000	537000	501000	519000	537000	501000	519000	537000	501000	519000	537000
10.0	BPSK	1	0	23.98	24.67	24.15	23.59	24.64	23.57	23.66	24.65	23.63	23.43	24.59	23.55
		1	1	27.62	28.14	27.57	27.22	28.15	27.20	27.17	28.06	27.03	27.00	28.01	26.98
		1	22	27.47	28.11	27.76	27.17	28.07	27.20	27.15	28.24	27.05	26.94	28.10	26.99
		1	23	24.06	24.65	24.09	23.65	24.49	23.57	23.72	24.63	23.72	23.43	24.58	23.57
		12	6	28.20	28.67	28.20	27.65	28.70	27.70	27.65	28.70	27.70	27.70	28.70	27.70
		24	0	24.45	28.17	27.74	24.08	28.13	27.07	27.04	28.19	27.05	23.48	27.94	26.98
	QPSK	1	0	24.18	24.71	24.23	23.62	24.55	23.67	23.62	24.64	23.65	23.51	24.51	23.52
		1	1	27.56	28.06	27.67	27.06	28.09	27.03	27.09	28.10	27.07	27.07	28.08	27.06
		1	22	27.62	28.15	27.64	27.22	28.16	27.07	27.18	28.08	27.06	27.09	28.15	27.16
		1	23	24.05	24.58	24.17	23.72	24.67	23.64	23.57	24.54	23.66	23.59	24.56	23.69
		12	6	28.05	28.70	28.15	27.70	28.65	27.57	27.70	28.64	27.54	27.62	28.56	27.54
		24	0	25.61	27.71	27.12	24.07	27.61	26.61	26.61	27.64	26.69	23.64	27.51	26.54
	16QAM	1	0	24.02	24.66	24.20	23.62	24.57	23.55	23.64	24.62	23.57	23.57	24.65	23.50
		1	1	26.66	27.05	26.72	26.07	27.02	26.08	26.11	27.03	26.07	26.13	27.20	26.04
		1	22	26.56	27.20	26.64	26.11	27.08	26.17	26.10	27.03	25.99	25.94	27.00	26.07
		1	23	24.13	24.57	24.10	23.63	24.60	23.56	23.69	24.58	23.64	23.53	24.55	23.48
		12	6	27.19	27.75	27.21	26.75	27.63	26.72	26.68	27.74	26.72	26.70	27.69	26.70
		24	0	25.61	26.70	26.24	24.12	26.54	25.52	25.63	26.53	25.58	23.50	26.57	25.43
	64QAM	1	0	24.15	24.59	24.16	23.74	24.68	23.57	23.61	24.61	23.63	23.55	24.63	23.57
		1	1	25.19	25.75	25.23	24.69	25.54	24.64	24.70	25.70	24.71	24.65	25.67	24.61
		1	22	25.03	25.68	25.16	24.56	25.68	24.66	24.65	25.61	24.63	24.64	25.65	24.54
		1	23	24.13	24.57	24.16	23.69	24.55	23.58	23.59	24.57	23.65	23.66	24.70	23.57
		12	6	25.57	26.21	25.60	25.12	26.19	25.06	25.09	26.17	25.11	25.15	26.08	25.08
		24	0	25.53	26.07	25.75	24.06	26.09	25.11	25.05	26.23	25.09	23.56	26.10	25.20
	256QAM	1	0	23.15	23.59	23.07	22.67	23.57	22.57	22.69	23.72	22.55	22.69	23.59	22.58
		1	1	23.13	23.71	23.09	22.65	23.70	22.70	22.58	23.66	22.71	22.63	23.63	22.58
		1	22	23.02	23.60	23.22	22.59	23.66	22.64	22.61	23.68	22.52	22.51	23.53	22.64
		1	23	23.02	23.57	23.12	22.63	23.64	22.59	22.63	23.56	22.55	22.68	23.62	22.58
		12	6	23.68	24.23	23.69	23.24	24.13	23.10	23.23	24.22	23.19	23.19	24.07	23.03
		24	0	23.68	24.21	23.73	23.19	24.17	23.11	23.18	24.18	23.10	23.02	24.15	23.11

OUTPUT POWER FOR 5G NR n41 (15.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 2			ANT 1			ANT 4		
				501504	519000	536496	501504	519000	536496	501504	519000	536496	501504	519000	536496
15.0	BPSK	1	0	24.08	24.68	24.11	23.56	24.61	23.51	23.60	24.44	23.61	23.55	24.56	23.51
		1	1	27.53	28.08	27.67	27.01	28.03	27.15	27.11	28.05	27.12	27.14	28.04	26.98
		1	36	27.61	28.17	27.61	27.17	28.07	26.98	27.10	28.00	27.18	27.05	27.96	27.03
		1	37	24.07	24.60	24.07	23.54	24.55	23.50	23.67	24.59	23.56	23.66	24.51	23.45
		18	9	28.19	28.70	28.20	27.70	28.69	27.70	27.70	28.70	27.63	27.63	28.70	27.70
		36	0	24.55	28.16	27.52	27.03	28.09	26.96	27.08	28.09	27.17	25.16	28.03	26.91
	QPSK	1	0	24.06	24.66	24.08	23.52	24.57	23.54	23.66	24.55	23.57	23.56	24.66	23.55
		1	1	27.59	28.07	27.63	27.14	28.19	27.07	27.06	28.16	27.01	27.18	28.00	27.01
		1	36	27.57	28.17	27.53	27.13	28.16	27.18	27.01	28.09	27.18	27.01	28.04	27.09
		1	37	24.12	24.57	24.16	23.53	24.54	23.64	23.59	24.54	23.70	23.66	24.69	23.55
		18	9	28.17	28.52	28.06	27.66	28.63	27.57	27.64	28.62	27.53	27.63	28.52	27.56
		36	0	24.63	27.68	27.09	26.53	27.62	26.52	26.68	27.63	26.60	25.06	27.51	26.62
	16QAM	1	0	24.00	24.55	23.92	23.54	24.62	23.53	23.70	24.51	23.57	23.64	24.44	23.52
		1	1	26.55	27.11	26.58	26.17	27.03	26.01	26.12	27.03	26.16	26.20	27.05	26.02
		1	36	26.64	27.12	26.52	26.09	27.16	26.18	26.14	27.08	26.09	26.19	27.08	26.01
		1	37	24.14	24.50	24.11	23.55	24.51	23.68	23.54	24.51	23.60	23.56	24.55	23.56
		18	9	27.11	27.62	27.20	26.70	27.70	26.68	26.67	27.60	26.70	26.66	27.56	26.69
		36	0	24.53	26.62	26.00	25.57	26.67	25.64	25.64	26.55	25.65	25.03	26.58	25.51
	64QAM	1	0	24.07	24.62	24.08	23.62	24.66	23.69	23.58	24.62	23.66	23.58	24.62	23.57
		1	1	25.09	25.53	25.14	24.59	25.70	24.67	24.68	25.57	24.63	24.63	25.60	24.59
		1	36	25.09	25.54	25.17	24.70	25.59	24.65	24.54	25.69	24.68	24.56	25.66	24.66
		1	37	24.19	24.56	24.04	23.57	24.64	23.59	23.50	24.57	23.58	23.58	24.61	23.68
		18	9	25.60	26.07	25.59	25.00	26.10	25.16	25.02	26.17	25.14	25.04	26.11	25.12
		36	0	24.56	26.09	25.55	25.18	26.11	25.03	25.17	26.19	25.08	25.12	26.09	25.06
	256QAM	1	0	23.14	23.53	23.10	22.58	23.67	22.51	22.54	23.69	22.53	22.50	23.56	22.59
		1	1	23.04	23.59	23.05	22.61	23.52	22.53	22.65	23.67	22.50	22.69	23.59	22.58
		1	36	23.01	23.51	23.08	22.67	23.56	22.67	22.61	23.62	22.68	22.55	23.58	22.53
		1	37	23.07	23.55	23.00	22.65	23.56	22.51	22.58	23.55	22.69	22.52	23.56	22.62
		18	9	23.64	24.17	23.62	23.02	24.03	23.11	23.12	24.09	23.08	23.05	24.05	23.02
		36	0	23.65	24.16	23.59	23.06	24.04	23.09	23.03	24.06	23.17	23.11	24.15	23.19

OUTPUT POWER FOR 5G NR n41 (20.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 2			ANT 1			ANT 4		
				502002	519000	535998	502002	519000	535998	502002	519000	535998	502002	519000	535998
20.0	BPSK	1	0	24.22	24.61	24.22	23.61	24.45	23.60	23.74	24.49	23.62	23.54	24.58	23.49
		1	1	27.59	28.03	27.56	27.15	28.01	27.19	27.21	28.09	27.19	26.96	28.12	26.97
		1	49	27.71	28.17	27.67	27.02	28.07	27.13	27.19	28.03	27.14	27.15	28.06	26.99
		1	50	24.12	24.51	24.16	23.67	24.58	23.77	23.75	24.60	23.57	23.62	24.53	23.63
		25	12	28.20	28.70	28.20	27.70	28.70	27.70	27.70	28.66	27.70	27.70	28.70	27.70
		50	0	24.70	28.18	27.63	27.00	27.92	27.26	27.06	28.15	27.07	24.08	28.08	27.09
	QPSK	1	0	24.05	24.58	24.23	23.63	24.70	23.75	23.75	24.67	23.55	23.62	24.66	23.61
		1	1	27.57	28.14	27.73	27.06	28.04	27.26	27.26	28.02	27.18	27.11	28.16	27.08
		1	49	27.72	28.14	27.56	27.12	28.10	27.13	27.24	28.15	27.09	27.05	28.15	27.10
		1	50	24.10	24.65	24.09	23.61	24.69	23.63	23.67	24.62	23.65	23.55	24.64	23.67
		25	12	28.20	28.70	28.18	27.54	28.61	27.61	27.56	28.70	27.64	27.53	28.68	27.64
		50	0	24.55	27.72	27.23	26.61	27.57	26.75	26.64	27.58	26.52	24.17	27.70	26.56
	16QAM	1	0	24.02	24.65	24.10	23.52	24.70	23.53	23.71	24.54	23.47	23.63	24.63	23.48
		1	1	26.60	27.20	26.66	26.01	27.03	26.10	26.13	27.09	26.13	26.15	27.01	26.09
		1	49	26.57	27.14	26.58	26.12	27.06	26.08	26.22	27.12	26.12	26.07	27.19	26.14
		1	50	23.98	24.58	24.09	23.58	24.51	23.71	23.67	24.50	23.64	23.58	24.56	23.56
		25	12	27.23	27.70	27.25	26.70	27.70	26.67	26.67	27.70	26.70	26.70	27.62	26.70
		50	0	24.49	26.56	26.04	25.55	26.60	25.53	25.62	26.63	25.65	23.99	26.61	25.57
	64QAM	1	0	24.09	24.67	24.18	23.66	24.53	23.69	23.63	24.65	23.54	23.59	24.56	23.56
		1	1	25.03	25.65	25.07	24.53	25.56	24.71	24.63	25.51	24.66	24.50	25.63	24.59
		1	49	25.12	25.66	25.07	24.63	25.67	24.70	24.72	25.66	24.55	24.67	25.65	24.52
		1	50	24.17	24.60	24.20	23.67	24.67	23.61	23.72	24.67	23.68	23.52	24.68	23.65
		25	12	25.68	26.24	25.74	25.11	26.16	25.19	25.12	26.15	25.03	25.19	26.02	25.07
		50	0	24.69	26.09	25.57	25.03	26.10	25.10	25.07	26.14	25.11	24.13	26.15	25.14
	256QAM	1	0	23.17	23.59	23.24	22.67	23.68	22.66	22.66	23.66	22.68	22.58	23.54	22.68
		1	1	23.04	23.70	23.23	22.51	23.66	22.75	22.71	23.51	22.65	22.52	23.65	22.57
		1	49	23.08	23.58	23.14	22.70	23.54	22.73	22.74	23.63	22.66	22.51	23.66	22.59
		1	50	23.16	23.63	23.22	22.56	23.63	22.61	22.60	23.54	22.69	22.57	23.62	22.54
		25	12	23.54	24.16	23.58	23.03	24.16	23.14	23.16	24.18	23.09	23.18	24.07	23.08
		50	0	23.60	24.15	23.64	23.11	24.12	23.17	23.15	24.07	23.09	23.08	24.02	23.07

OUTPUT POWER FOR 5G NR n41 (25.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 2			ANT 1			ANT 4		
				502500	519000	535500	502500	519000	535500	502500	519000	535500	502500	519000	535500
25.0	BPSK	1	0	24.10	24.54	24.13	23.68	24.58	23.54	23.52	24.68	23.57	23.47	24.53	23.65
		1	1	27.57	28.10	27.53	27.13	28.16	27.19	27.03	28.03	27.08	27.07	27.98	27.19
		1	63	27.59	28.08	27.61	27.02	28.02	27.08	27.04	28.18	27.04	26.97	28.09	27.03
		1	64	24.08	24.52	24.05	23.67	24.61	23.61	23.64	24.61	23.58	23.56	24.51	23.64
		32	16	28.11	28.70	28.11	27.68	28.70	27.69	27.67	28.70	27.65	27.70	28.70	27.69
		64	0	25.01	28.02	27.64	27.04	28.05	27.12	27.00	28.18	27.01	25.92	28.10	27.13
	QPSK	1	0	24.06	24.60	24.14	23.55	24.53	23.67	23.55	24.54	23.67	23.67	24.56	23.59
		1	1	27.70	28.01	27.63	27.00	28.20	27.06	27.19	28.12	27.18	27.08	28.14	27.10
		1	63	27.52	28.17	27.54	27.03	28.07	27.12	27.05	28.07	27.01	27.02	28.18	27.03
		1	64	24.14	24.54	24.06	23.62	24.53	23.64	23.63	24.66	23.68	23.59	24.69	23.68
		32	16	28.09	28.55	28.15	27.58	28.66	27.62	27.59	28.61	27.55	27.55	28.69	27.55
		64	0	25.15	27.56	27.01	26.60	27.68	26.57	26.55	27.60	26.50	26.13	27.70	26.60
	16QAM	1	0	24.09	24.67	24.18	23.62	24.42	23.57	23.54	24.56	23.54	23.65	24.49	23.67
		1	1	26.59	27.09	26.69	26.18	26.99	26.07	25.96	27.09	26.11	26.10	27.11	26.16
		1	63	26.46	27.12	26.62	26.02	26.91	26.12	26.10	26.95	26.08	26.18	27.09	26.03
		1	64	24.01	24.57	24.12	23.61	24.45	23.57	23.47	24.59	23.54	23.51	24.64	23.70
		32	16	27.20	27.65	27.13	26.68	27.70	26.67	26.70	27.70	26.70	26.66	27.70	26.64
		64	0	25.08	26.63	26.11	25.69	26.44	25.60	25.57	26.52	25.49	25.57	26.63	25.59
	64QAM	1	0	24.02	24.63	24.11	23.57	24.64	23.64	23.66	24.61	23.57	23.59	24.54	23.62
		1	1	25.19	25.56	25.04	24.62	25.56	24.60	24.66	25.65	24.60	24.54	25.62	24.59
		1	63	25.18	25.68	25.12	24.57	25.68	24.62	24.62	25.62	24.58	24.51	25.68	24.63
		1	64	24.04	24.58	24.05	23.53	24.50	23.59	23.58	24.50	23.69	23.62	24.51	23.54
		32	16	25.58	26.10	25.68	25.16	26.16	25.19	25.03	26.19	25.01	25.02	26.01	25.10
		64	0	25.01	26.05	25.66	25.07	26.16	25.10	25.15	26.13	25.12	25.14	26.12	25.12
	256QAM	1	0	23.03	23.55	23.15	22.65	23.50	22.53	22.62	23.58	22.58	22.69	23.66	22.63
		1	1	23.16	23.53	23.19	22.66	23.64	22.50	22.66	23.58	22.60	22.68	23.67	22.53
		1	63	23.01	23.61	23.13	22.68	23.58	22.57	22.63	23.56	22.64	22.52	23.66	22.69
		1	64	23.14	23.66	23.11	22.52	23.64	22.64	22.59	23.67	22.53	22.53	23.62	22.56
		32	16	23.52	24.02	23.66	23.14	24.05	23.19	23.12	24.02	23.09	23.09	24.18	23.07
		64	0	23.60	24.17	23.51	23.15	24.03	23.03	23.05	24.13	23.12	23.09	24.17	23.20

OUTPUT POWER FOR 5G NR n41 (30.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 2			ANT 1			ANT 4		
				503004	519000	534996	503004	519000	534996	503004	519000	534996	503004	519000	534996
30.0	BPSK	1	0	24.12	24.63	24.09	23.50	24.59	23.47	23.54	24.69	23.66	23.53	24.63	23.54
		1	1	27.57	28.12	27.58	27.07	28.00	27.07	27.11	28.13	27.08	27.16	27.99	27.02
		1	76	27.49	28.19	27.52	27.05	28.04	26.99	27.04	28.05	27.03	27.14	27.98	26.98
		1	77	24.15	24.52	24.07	23.54	24.53	23.61	23.57	24.70	23.53	23.69	24.47	23.46
		36	18	28.20	28.70	28.20	26.70	28.70	27.70	27.64	28.70	27.69	27.67	28.70	27.70
		75	0	24.16	28.03	27.57	25.49	28.09	27.08	27.06	28.05	27.04	25.69	27.97	27.10
	QPSK	1	0	24.03	24.65	24.06	23.64	24.67	23.59	23.70	24.60	23.67	23.59	24.64	23.55
		1	1	27.64	28.17	27.61	27.04	28.19	27.17	27.17	28.05	27.02	27.10	28.01	27.15
		1	76	27.67	28.12	27.66	27.13	28.04	27.04	27.05	28.05	27.05	27.09	28.10	27.13
		1	77	24.19	24.70	24.05	23.69	24.55	23.59	23.60	24.53	23.66	23.66	24.64	23.69
		36	18	28.15	28.64	28.06	26.63	28.63	27.61	27.63	28.54	27.62	27.55	28.61	27.63
		75	0	24.13	27.62	27.09	25.66	27.64	26.54	26.55	27.52	26.61	25.57	27.66	26.69
	16QAM	1	0	24.10	24.56	24.04	23.57	24.60	23.59	23.66	24.62	23.57	23.57	24.50	23.52
		1	1	26.47	27.04	26.61	26.04	26.97	26.19	26.07	27.02	26.16	26.16	27.09	26.01
		1	76	26.60	26.98	26.53	26.13	26.98	26.07	26.03	27.11	26.09	26.17	27.07	26.04
		1	77	24.06	24.50	24.12	23.67	24.62	23.50	23.70	24.54	23.51	23.63	24.60	23.60
		36	18	27.20	27.70	27.13	26.70	27.70	26.67	26.67	27.64	26.61	26.61	27.67	26.65
		75	0	23.96	26.45	26.01	25.66	26.51	25.69	25.63	26.68	25.70	25.64	26.64	25.60
	64QAM	1	0	24.10	24.65	24.03	23.60	24.64	23.61	23.64	24.66	23.53	23.69	24.59	23.61
		1	1	25.09	25.55	25.08	24.69	25.67	24.64	24.70	25.64	24.52	24.55	25.68	24.67
		1	76	25.14	25.61	25.19	24.55	25.59	24.65	24.65	25.61	24.63	24.66	25.67	24.62
		1	77	24.08	24.52	24.07	23.58	24.56	23.69	23.67	24.57	23.57	23.66	24.66	23.62
		36	18	25.62	26.16	25.66	25.08	26.11	25.10	25.18	26.11	25.10	25.02	26.11	25.00
		75	0	24.18	26.19	25.68	25.06	26.06	25.06	25.08	26.01	25.12	25.18	26.12	25.06
	256QAM	1	0	23.04	23.65	23.15	22.51	23.66	22.67	22.62	23.63	22.67	22.61	23.63	22.58
		1	1	23.07	23.63	23.09	22.58	23.67	22.67	22.53	23.59	22.65	22.56	23.57	22.59
		1	76	23.17	23.51	23.01	22.62	23.70	22.65	22.60	23.56	22.66	22.54	23.65	22.54
		1	77	23.08	23.63	23.02	22.62	23.68	22.63	22.55	23.69	22.61	22.66	23.57	22.54
		36	18	23.68	24.14	23.53	23.15	24.10	23.04	23.06	24.09	23.19	23.07	24.10	23.14
		75	0	23.60	24.13	23.66	23.09	24.09	23.04	23.18	24.12	23.13	23.02	24.10	23.18

OUTPUT POWER FOR 5G NR n41 (35.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 2			ANT 1			ANT 4		
				503502	519000	534498	503502	519000	534498	503502	519000	534498	503502	519000	534498
35.0	BPSK	1	0	24.09	24.68	24.57	23.48	24.66	24.53	23.54	24.59	24.64	23.53	24.45	24.44
		1	1	27.49	28.07	28.02	26.94	27.98	28.08	27.17	28.12	28.17	27.06	28.12	27.97
		1	90	28.08	28.07	27.45	28.10	28.02	27.10	28.06	27.99	27.08	28.08	28.14	26.93
		1	91	24.60	24.63	24.04	24.57	24.60	23.63	24.59	24.51	23.69	24.59	24.52	23.51
		45	22	28.20	28.70	28.20	27.70	28.70	27.65	27.70	28.70	27.70	27.70	28.70	27.70
		90	0	26.07	28.09	27.52	27.06	28.12	27.04	27.19	28.09	27.12	25.93	28.05	27.04
	QPSK	1	0	24.09	24.64	24.61	23.55	24.64	24.57	23.65	24.65	24.50	23.53	24.54	24.67
		1	1	27.64	28.05	28.04	27.05	28.15	28.15	27.19	28.06	28.15	27.13	28.11	28.04
		1	90	28.02	28.18	27.67	28.09	28.04	27.10	28.07	28.05	27.11	28.20	28.19	27.18
		1	91	24.55	24.57	24.12	24.59	24.58	23.53	24.69	24.51	23.65	24.61	24.69	23.51
		45	22	28.12	28.58	28.18	27.63	28.68	27.57	27.55	28.54	27.56	27.61	28.63	27.56
		90	0	26.12	27.54	27.14	26.66	27.57	26.62	26.60	27.52	26.62	26.19	27.67	26.64
	16QAM	1	0	24.06	24.68	24.50	23.57	24.46	24.59	23.58	24.69	24.58	23.63	24.51	24.59
		1	1	26.49	27.15	27.01	26.09	27.02	27.07	26.15	27.04	27.16	26.08	27.05	27.10
		1	90	27.03	27.00	26.67	27.08	26.94	26.09	27.01	27.05	26.19	27.01	27.10	26.10
		1	91	24.46	24.52	24.09	24.50	24.52	23.60	24.52	24.50	23.66	24.66	24.52	23.60
		45	22	27.20	27.60	27.20	26.70	27.60	26.62	26.61	27.62	26.63	26.70	27.69	26.65
		90	0	25.93	26.67	26.10	25.59	26.58	25.51	25.58	26.64	25.69	25.61	26.69	25.65
	64QAM	1	0	24.00	24.59	24.58	23.59	24.57	24.59	23.58	24.60	24.58	23.62	24.65	24.55
		1	1	25.14	25.55	25.59	24.52	25.61	25.54	24.56	25.64	25.52	24.67	25.56	25.70
		1	90	25.65	25.58	25.18	25.63	25.61	24.56	25.61	25.53	24.69	25.69	25.65	24.54
		1	91	24.56	24.65	24.06	24.64	24.52	23.50	24.66	24.69	23.58	24.59	24.61	23.68
		45	22	25.68	26.05	25.63	25.16	26.11	25.03	25.11	26.15	25.15	25.02	26.04	25.05
		90	0	25.58	26.19	25.70	25.00	26.03	25.18	25.10	26.12	25.16	25.02	26.00	25.07
	256QAM	1	0	23.06	23.52	23.52	22.67	23.61	23.64	22.62	23.59	23.67	22.69	23.57	23.56
		1	1	23.05	23.51	23.52	22.63	23.51	23.70	22.69	23.66	23.56	22.69	23.68	23.67
		1	90	23.67	23.54	23.12	23.57	23.66	22.65	23.66	23.56	22.63	23.55	23.63	22.57
		1	91	23.69	23.54	23.03	23.67	23.57	22.64	23.63	23.65	22.60	23.65	23.63	22.63
		45	22	23.57	24.17	23.68	23.16	24.04	23.19	23.05	24.14	23.00	23.16	24.04	23.12
		90	0	23.60	24.02	23.51	23.10	24.01	23.13	23.02	24.08	23.11	23.10	24.06	23.16

OUTPUT POWER FOR 5G NR n41 (40.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 2			ANT 1			ANT 4		
				504000	519000	534000	504000	519000	534000	504000	519000	534000	504000	519000	534000
40.0	BPSK	1	0	24.18	24.45	24.61	23.45	24.57	24.50	23.64	24.57	24.56	23.52	24.61	24.58
		1	1	27.59	28.00	28.05	26.97	28.02	28.11	27.05	28.13	28.10	27.08	28.14	28.11
		1	104	28.06	28.02	27.61	28.09	28.04	27.11	28.15	28.06	27.01	28.16	28.14	27.04
		1	105	24.63	24.60	24.00	24.48	24.51	23.51	24.60	24.63	23.63	24.60	24.69	23.64
		50	25	28.17	28.70	28.20	27.70	28.70	27.65	27.61	28.70	27.64	27.69	28.70	27.70
		100	0	27.65	28.03	27.55	27.04	28.00	27.04	27.19	28.08	27.09	26.08	28.15	27.06
	QPSK	1	0	24.06	24.59	24.57	23.53	24.70	24.56	23.57	24.68	24.65	23.53	24.58	24.70
		1	1	27.62	28.13	28.16	27.16	28.19	28.01	27.11	28.12	28.09	27.02	28.10	28.03
		1	104	28.20	28.18	27.50	28.18	28.11	27.17	28.18	28.04	27.00	28.15	28.00	27.11
		1	105	24.58	24.58	24.11	24.57	24.66	23.60	24.56	24.51	23.51	24.57	24.65	23.59
		50	25	28.01	28.54	28.04	27.52	28.61	27.60	27.50	28.68	27.53	27.62	28.57	27.51
		100	0	27.12	27.54	27.00	26.56	27.58	26.62	26.64	27.67	26.58	26.17	27.62	26.66
	16QAM	1	0	24.06	24.65	24.66	23.62	24.64	24.68	23.59	24.62	24.64	23.61	24.46	24.52
		1	1	26.56	27.18	27.03	25.98	27.18	27.09	26.15	27.13	27.08	26.05	27.09	27.11
		1	104	27.13	27.11	26.64	27.02	27.02	26.17	27.13	27.15	26.06	27.06	27.06	26.10
		1	105	24.55	24.50	24.05	24.53	24.59	23.61	24.66	24.61	23.63	24.58	24.57	23.57
		50	25	27.16	27.70	27.17	26.70	27.60	26.70	26.70	27.70	26.70	26.70	27.70	26.70
		100	0	26.05	26.50	26.00	25.58	26.51	25.65	25.55	26.49	25.52	25.56	26.48	25.61
	64QAM	1	0	24.10	24.59	24.69	23.67	24.52	24.51	23.52	24.52	24.54	23.62	24.64	24.54
		1	1	25.10	25.59	25.66	24.60	25.69	25.57	24.60	25.61	25.55	24.67	25.52	25.66
		1	104	25.69	25.55	25.15	25.66	25.58	24.68	25.70	25.70	24.63	25.63	25.57	24.69
		1	105	24.56	24.69	24.12	24.67	24.54	23.70	24.52	24.54	23.53	24.57	24.65	23.51
		50	25	25.60	26.16	25.61	25.02	26.16	25.20	25.04	26.03	25.14	25.11	26.02	25.02
		100	0	25.69	26.10	25.59	25.04	26.13	25.12	25.02	26.08	25.07	25.14	26.06	25.10
	256QAM	1	0	23.01	23.61	23.67	22.65	23.57	23.56	22.61	23.63	23.65	22.69	23.52	23.65
		1	1	23.01	23.69	23.53	22.66	23.64	23.67	22.63	23.67	23.67	22.61	23.65	23.59
		1	104	23.66	23.63	23.17	23.56	23.57	22.53	23.60	23.54	22.59	23.60	23.64	22.67
		1	105	23.55	23.61	23.12	23.65	23.53	22.63	23.68	23.57	22.58	23.61	23.64	22.61
		50	25	23.63	24.02	23.68	23.05	24.19	23.11	23.16	24.04	23.09	23.03	24.16	23.12
		100	0	23.63	24.03	23.58	23.11	24.10	23.11	23.09	24.01	23.06	23.11	24.20	23.10

OUTPUT POWER FOR 5G NR n41 (45.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 2			ANT 1			ANT 4		
				504504	519000	533496	504504	519000	533496	504504	519000	533496	504504	519000	533496
45.0	BPSK	1	0	24.13	24.53	24.50	23.55	24.52	24.53	23.67	24.43	24.43	23.58	24.61	24.51
		1	1	27.58	28.18	28.16	27.17	27.95	28.12	27.04	28.03	28.08	27.20	28.01	28.02
		1	117	28.05	28.07	27.55	28.06	27.93	27.10	28.20	27.97	27.01	28.01	28.04	27.05
		1	118	24.53	24.59	24.11	24.51	24.44	23.63	24.53	24.52	23.56	24.61	24.68	23.59
		54	27	28.15	28.70	28.13	27.20	28.70	27.66	27.61	28.70	27.70	27.60	28.70	27.70
		108	0	27.53	28.00	27.65	27.14	28.05	27.16	27.05	28.05	27.01	26.16	28.18	27.16
	QPSK	1	0	24.15	24.67	24.56	23.61	24.58	24.54	23.56	24.58	24.60	23.58	24.68	24.64
		1	1	27.61	28.09	28.07	27.13	28.18	28.04	27.00	28.03	28.05	27.02	28.09	28.05
		1	117	28.04	28.09	27.64	28.15	28.07	27.08	28.18	28.19	27.15	28.19	28.03	27.14
		1	118	24.58	24.66	24.12	24.65	24.61	23.55	24.67	24.53	23.57	24.60	24.69	23.58
		54	27	28.20	28.55	28.05	27.10	28.59	27.60	27.64	28.64	27.65	27.54	28.52	27.57
		108	0	27.19	27.69	27.07	26.58	27.64	26.60	26.62	27.64	26.69	26.02	27.60	26.58
	16QAM	1	0	24.08	24.59	24.67	23.65	24.49	24.53	23.51	24.53	24.49	23.51	24.45	24.63
		1	1	26.70	27.13	27.16	26.00	27.09	27.02	26.02	27.01	27.01	26.02	26.99	26.98
		1	117	27.07	27.16	26.65	27.02	27.06	26.20	26.99	27.14	26.10	27.14	26.96	26.00
		1	118	24.67	24.65	24.11	24.50	24.64	23.54	24.52	24.61	23.58	24.50	24.49	23.53
		54	27	27.20	27.70	27.17	26.62	27.70	26.62	26.70	27.65	26.70	26.70	27.70	26.70
		108	0	26.03	26.55	26.16	25.55	26.63	25.68	25.65	26.56	25.63	25.51	26.52	25.48
	64QAM	1	0	24.09	24.56	24.61	23.54	24.52	24.56	23.57	24.59	24.67	23.60	24.67	24.61
		1	1	25.19	25.60	25.67	24.52	25.60	25.60	24.52	25.51	25.53	24.53	25.62	25.67
		1	117	25.67	25.50	25.04	25.66	25.55	24.70	25.56	25.65	24.69	25.59	25.61	24.66
		1	118	24.69	24.54	24.12	24.66	24.50	23.52	24.68	24.62	23.54	24.67	24.53	23.51
		54	27	25.65	26.05	25.57	25.12	26.18	25.14	25.17	26.10	25.17	25.08	26.00	25.05
		108	0	25.66	26.10	25.55	25.12	26.16	25.08	25.11	26.18	25.07	25.11	26.00	25.07
	256QAM	1	0	23.19	23.63	23.56	22.59	23.56	23.60	22.69	23.57	23.65	22.67	23.61	23.64
		1	1	23.13	23.57	23.61	22.54	23.68	23.68	22.57	23.61	23.69	22.68	23.57	23.67
		1	117	23.53	23.51	23.17	23.66	23.68	22.53	23.64	23.59	22.69	23.52	23.64	22.61
		1	118	23.54	23.55	23.09	23.55	23.51	22.54	23.50	23.69	22.57	23.50	23.62	22.64
		54	27	23.63	24.07	23.58	23.17	24.10	23.00	23.11	24.13	23.20	23.15	24.14	23.01
		108	0	23.66	24.14	23.58	23.13	24.18	23.08	23.12	24.05	23.02	23.07	24.01	23.08

OUTPUT POWER FOR 5G NR n41 (50.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 2			ANT 1			ANT 4		
				505002	519000	532998	505002	519000	532998	505002	519000	532998	505002	519000	532998
50.0	BPSK	1	0	24.06	24.45	24.53	23.54	24.58	24.59	23.57	24.52	24.56	23.62	24.61	24.57
		1	1	27.56	28.10	28.17	27.04	28.05	28.12	26.94	28.14	28.14	27.16	28.09	28.03
		1	131	28.14	28.02	27.60	28.05	28.12	27.15	28.06	28.04	27.10	28.05	28.10	27.12
		1	132	24.61	24.46	23.98	24.59	24.52	23.70	24.43	24.66	23.59	24.54	24.67	23.55
		64	32	28.20	28.70	28.20	27.70	28.70	27.60	27.70	28.70	27.70	27.61	28.70	27.70
		128	0	27.51	28.07	27.56	26.97	27.93	27.09	25.13	28.02	26.98	25.59	28.15	27.09
	QPSK	1	0	24.04	24.67	24.65	23.66	24.61	24.57	23.69	24.62	24.66	23.61	24.55	24.67
		1	1	27.64	28.07	28.11	27.14	28.02	28.01	27.06	28.20	28.10	27.06	28.00	28.14
		1	131	28.08	28.10	27.65	28.02	28.04	27.02	28.10	28.10	27.00	28.02	28.12	27.14
		1	132	24.60	24.61	24.04	24.55	24.60	23.54	24.55	24.62	23.60	24.52	24.61	23.59
		64	32	28.12	28.56	28.06	27.68	28.62	27.52	27.67	28.57	27.61	27.55	28.56	27.66
		128	0	27.14	27.65	27.10	26.69	27.62	26.62	25.20	27.70	26.51	25.51	27.62	26.60
	16QAM	1	0	24.10	24.43	24.60	23.52	24.64	24.55	23.53	24.60	24.62	23.53	24.64	24.56
		1	1	26.59	27.01	27.03	26.17	27.11	27.19	26.01	27.05	27.18	26.13	27.15	27.15
		1	131	27.03	27.04	26.64	27.15	27.12	26.15	27.06	27.01	26.02	27.18	27.12	26.09
		1	132	24.55	24.59	24.10	24.57	24.56	23.57	24.59	24.62	23.52	24.55	24.51	23.56
		64	32	27.20	27.70	27.19	26.61	27.70	26.61	26.60	27.70	26.63	26.64	27.70	26.64
		128	0	25.96	26.41	26.10	25.64	26.67	25.68	25.02	26.52	25.62	25.63	26.60	25.59
	64QAM	1	0	24.15	24.69	24.69	23.68	24.65	24.68	23.65	24.69	24.64	23.56	24.51	24.65
		1	1	25.03	25.69	25.55	24.68	25.66	25.52	24.52	25.55	25.59	24.63	25.53	25.54
		1	131	25.50	25.62	25.01	25.55	25.67	24.57	25.53	25.63	24.64	25.69	25.67	24.62
		1	132	24.52	24.68	24.09	24.65	24.69	23.70	24.69	24.55	23.58	24.54	24.66	23.64
		64	32	25.70	26.08	25.64	25.15	26.06	25.08	25.11	26.05	25.15	25.15	26.17	25.08
		128	0	25.65	26.14	25.68	25.07	26.11	25.08	25.18	26.10	25.05	25.17	26.12	25.10
	256QAM	1	0	23.05	23.64	23.55	22.54	23.62	23.56	22.62	23.59	23.58	22.54	23.67	23.53
		1	1	23.01	23.53	23.61	22.52	23.67	23.60	22.57	23.69	23.68	22.68	23.63	23.64
		1	131	23.59	23.69	23.00	23.60	23.64	22.54	23.62	23.69	22.52	23.58	23.56	22.56
		1	132	23.52	23.63	23.08	23.57	23.61	22.63	23.65	23.67	22.66	23.55	23.56	22.69
		64	32	23.69	24.11	23.66	23.18	24.04	23.11	23.07	24.11	23.08	23.13	24.03	23.13
		128	0	23.58	24.17	23.67	23.11	24.06	23.18	23.13	24.06	23.12	23.04	24.01	23.00

OUTPUT POWER FOR 5G NR n41 (60.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 2			ANT 1			ANT 4		
				506004	519000	531996	506004	519000	531996	506004	519000	531996	506004	519000	531996
60.0	BPSK	1	0	24.03	24.50	24.54	23.44	24.56	24.53	23.66	24.63	24.51	23.64	24.67	24.69
		1	1	27.64	28.03	28.03	27.06	28.07	28.16	27.15	28.14	28.16	27.16	28.06	28.08
		1	160	28.04	28.13	27.46	28.06	27.92	27.03	28.07	28.02	27.10	28.06	28.18	27.14
		1	161	24.56	24.69	24.03	24.57	24.54	23.51	24.63	24.55	23.60	24.58	24.62	23.67
		81	40	28.15	28.70	28.20	27.70	28.70	27.70	25.69	28.70	27.70	25.69	28.70	27.61
		162	0	27.61	28.13	27.45	27.01	28.07	27.08	25.59	28.10	27.02	26.19	28.18	27.18
	QPSK	1	0	24.01	24.57	24.56	23.55	24.55	24.63	23.60	24.67	24.61	23.55	24.67	24.70
		1	1	27.58	28.15	28.00	27.13	28.17	28.02	27.04	28.03	28.16	27.00	28.03	28.14
		1	160	28.07	28.04	27.61	28.08	28.12	27.04	28.15	28.13	27.06	28.01	28.00	27.18
		1	161	24.55	24.62	24.04	24.68	24.52	23.68	24.53	24.63	23.57	24.62	24.55	23.55
		81	40	28.12	28.67	28.12	27.60	28.66	27.67	25.57	28.64	27.60	25.50	28.70	27.64
		162	0	27.00	27.63	27.18	26.63	27.69	26.58	25.64	27.68	26.66	26.09	27.57	26.59
	16QAM	1	0	24.07	24.52	24.48	23.69	24.69	24.67	23.51	24.63	24.65	23.48	24.55	24.65
		1	1	26.63	27.07	27.07	26.04	27.11	27.05	26.04	27.10	27.04	26.06	27.10	27.07
		1	160	27.00	27.03	26.57	27.10	27.03	26.01	26.98	27.12	26.12	26.96	27.10	26.03
		1	161	24.63	24.44	23.95	24.62	24.53	23.66	24.63	24.56	23.58	24.50	24.69	23.63
		81	40	27.17	27.70	27.20	26.70	27.70	26.62	25.70	27.70	26.70	25.70	27.68	26.67
		162	0	26.10	26.40	26.09	25.50	26.51	25.50	25.65	26.60	25.46	25.40	26.50	25.69
	64QAM	1	0	24.11	24.61	24.61	23.66	24.53	24.70	23.64	24.58	24.56	23.53	24.67	24.62
		1	1	25.19	25.50	25.66	24.64	25.65	25.69	24.65	25.65	25.51	24.58	25.69	25.53
		1	160	25.53	25.70	25.02	25.66	25.65	24.64	25.52	25.57	24.68	25.53	25.68	24.57
		1	161	24.64	24.53	24.19	24.64	24.59	23.64	24.65	24.53	23.60	24.68	24.63	23.59
		81	40	25.52	26.18	25.62	25.12	26.14	25.13	25.17	26.13	25.04	25.01	26.18	25.04
		162	0	25.52	26.10	25.65	25.07	26.08	25.11	25.18	26.15	25.06	25.18	26.14	25.05
	256QAM	1	0	23.01	23.58	23.56	22.59	23.67	23.59	22.61	23.57	23.51	22.53	23.58	23.65
		1	1	23.17	23.68	23.61	22.50	23.64	23.52	22.67	23.51	23.62	22.54	23.65	23.51
		1	160	23.59	23.63	23.05	23.70	23.54	22.50	23.59	23.53	22.63	23.62	23.53	22.55
		1	161	23.54	23.60	23.17	23.51	23.58	22.67	23.53	23.53	22.51	23.70	23.57	22.54
		81	40	23.60	24.08	23.64	23.02	24.13	23.09	23.03	24.20	23.11	23.07	24.13	23.06
		162	0	23.51	24.02	23.67	23.14	24.15	23.06	23.09	24.03	23.01	23.13	24.04	23.12

OUTPUT POWER FOR 5G NR n41 (70.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 2			ANT 1			ANT 4		
				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	0	24.03	24.48	24.59	23.63	24.63	24.44	23.67	24.58	24.56	23.54	24.52	24.66
		1	1	27.69	27.97	28.07	27.17	28.19	27.97	27.05	28.09	27.99	27.13	28.06	28.19
		1	187	28.03	28.04	27.44	28.07	28.12	27.11	28.09	28.03	27.10	28.10	27.96	27.08
		1	188	24.70	24.58	23.99	24.57	24.55	23.44	24.52	24.62	23.58	24.66	24.55	23.52
		90	45	28.14	28.70	28.20	27.61	28.70	27.70	24.69	28.70	27.70	25.64	28.70	27.63
	QPSK	180	0	27.66	28.11	27.60	27.05	28.02	26.98	25.61	28.02	26.95	26.13	28.13	27.03
		1	0	24.12	24.58	24.63	23.61	24.51	24.70	23.53	24.58	24.63	23.56	24.67	24.57
		1	1	27.66	28.03	28.06	27.04	28.13	28.16	27.19	28.02	28.19	27.16	28.03	28.12
		1	187	28.00	28.11	27.52	28.03	28.20	27.09	28.09	28.13	27.17	28.20	28.05	27.07
		1	188	24.64	24.66	24.07	24.51	24.66	23.56	24.62	24.53	23.54	24.55	24.57	23.58
		90	45	28.04	28.65	28.02	27.52	28.65	27.56	24.61	28.50	27.50	25.68	28.61	27.70
	16QAM	180	0	27.01	27.58	27.05	26.66	27.70	26.53	25.59	27.57	26.64	26.10	27.51	26.53
		1	0	24.09	24.49	24.47	23.58	24.54	24.61	23.69	24.61	24.63	23.44	24.49	24.68
		1	1	26.64	27.08	27.12	26.02	27.05	27.03	26.16	27.07	27.19	26.08	27.06	27.06
		1	187	27.07	27.06	26.60	27.05	27.06	26.02	27.13	27.16	26.09	27.04	26.97	26.14
		1	188	24.61	24.47	24.10	24.52	24.47	23.53	24.62	24.63	23.66	24.53	24.58	23.60
		90	45	27.13	27.70	27.20	26.70	27.70	26.62	24.68	27.62	26.62	25.70	27.70	26.67
	64QAM	180	0	26.15	26.47	26.09	25.68	26.59	25.61	25.59	26.62	25.66	25.58	26.63	25.53
		1	0	24.18	24.57	24.54	23.62	24.68	24.67	23.65	24.65	24.68	23.51	24.68	24.53
		1	1	25.01	25.59	25.66	24.58	25.55	25.57	24.58	25.67	25.59	24.54	25.69	25.52
		1	187	25.61	25.53	25.17	25.65	25.63	24.60	25.59	25.54	24.56	25.58	25.68	24.65
		1	188	24.67	24.59	24.12	24.59	24.51	23.54	24.51	24.62	23.59	24.58	24.63	23.68
		90	45	25.57	26.15	25.59	25.04	26.17	25.05	24.51	26.19	25.17	25.05	26.13	25.14
	256QAM	180	0	25.64	26.15	25.69	25.13	26.09	25.19	25.02	26.02	25.02	25.04	26.18	25.11
		1	0	23.12	23.57	23.54	22.56	23.66	23.57	22.50	23.57	23.53	22.62	23.67	23.64
		1	1	23.05	23.65	23.69	22.62	23.58	23.68	22.68	23.63	23.61	22.53	23.53	23.64
		1	187	23.63	23.64	23.14	23.61	23.68	22.53	23.59	23.54	22.51	23.53	23.64	22.58
		1	188	23.63	23.53	23.20	23.60	23.60	22.50	23.65	23.67	22.63	23.66	23.64	22.54
		90	45	23.56	24.15	23.67	23.19	24.03	23.05	23.18	24.05	23.03	23.13	24.06	23.04
		180	0	23.63	24.10	23.64	23.20	24.08	23.14	23.04	24.00	23.10	23.06	24.20	23.02

OUTPUT POWER FOR 5G NR n41 (80.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 2			ANT 1			ANT 4		
				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	0	24.13	24.61	24.62	23.60	24.54	24.57	23.66	24.60	24.66	23.59	24.56	24.57
		1	1	27.54	28.08	28.16	26.96	28.03	28.12	27.09	28.05	28.01	27.13	28.05	28.03
		1	215	28.18	28.14	27.60	28.05	28.14	27.11	28.13	28.06	27.08	28.10	28.15	27.06
		1	216	24.63	24.65	24.20	24.60	24.62	23.63	24.63	24.53	23.60	24.66	24.50	23.51
		108	54	28.17	28.70	28.14	27.70	28.70	27.60	25.11	28.70	27.64	25.70	28.70	27.63
	QPSK	216	0	26.59	28.01	27.66	27.13	28.13	27.03	25.69	28.02	27.18	26.05	28.12	27.07
		1	0	24.07	24.54	24.59	23.65	24.66	24.50	23.64	24.51	24.60	23.69	24.65	24.53
		1	1	27.66	28.12	28.15	27.16	28.14	28.09	27.15	28.02	28.02	27.13	28.03	28.01
		1	215	28.08	28.10	27.67	28.01	28.05	27.06	28.04	28.06	27.04	28.13	28.10	27.10
		1	216	24.53	24.64	24.03	24.61	24.67	23.55	24.64	24.69	23.63	24.68	24.55	23.65
		108	54	28.10	28.69	28.15	27.59	28.67	27.51	25.08	28.54	27.52	25.58	28.54	27.70
	16QAM	216	0	26.63	27.54	27.06	26.64	27.64	26.65	25.69	27.50	26.56	26.16	27.53	26.60
		1	0	24.17	24.43	24.46	23.43	24.51	24.50	23.58	24.60	24.65	23.52	24.59	24.59
		1	1	26.57	26.94	27.02	25.92	27.20	27.15	26.11	27.15	27.12	26.07	27.05	27.05
		1	215	27.01	27.02	26.59	26.94	27.11	26.05	27.05	27.06	26.15	27.18	27.01	26.13
		1	216	24.63	24.53	24.11	24.43	24.62	23.57	24.60	24.61	23.55	24.52	24.69	23.60
		108	54	27.14	27.70	27.20	26.70	27.64	26.70	25.13	27.65	26.69	25.65	27.61	26.70
	64QAM	216	0	26.08	26.44	25.94	25.59	26.68	25.53	25.51	26.63	25.57	25.55	26.56	25.48
		1	0	24.13	24.59	24.66	23.68	24.60	24.60	23.68	24.63	24.59	23.62	24.53	24.63
		1	1	25.06	25.65	25.52	24.59	25.64	25.52	24.53	25.65	25.59	24.67	25.67	25.66
		1	215	25.61	25.60	25.16	25.64	25.69	24.59	25.55	25.63	24.59	25.51	25.55	24.65
		1	216	24.50	24.54	24.16	24.59	24.53	23.54	24.51	24.59	23.58	24.52	24.57	23.61
		108	54	25.55	26.17	25.54	25.02	26.14	25.01	25.08	26.03	25.16	25.15	26.05	25.13
	256QAM	216	0	25.54	26.15	25.65	25.16	26.05	25.02	25.16	26.02	25.07	25.09	26.06	25.15
		1	0	23.01	23.60	23.52	22.59	23.58	23.53	22.55	23.58	23.59	22.57	23.59	23.57
		1	1	23.03	23.57	23.64	22.62	23.56	23.58	22.56	23.52	23.59	22.66	23.50	23.53
		1	215	23.68	23.57	23.15	23.64	23.58	22.61	23.51	23.60	22.52	23.67	23.55	22.58
		1	216	23.65	23.60	23.12	23.68	23.52	22.54	23.57	23.54	22.61	23.69	23.57	22.56
		108	54	23.52	24.19	23.54	23.02	24.16	23.19	23.03	24.06	23.03	23.07	24.19	23.18
		216	0	23.63	24.01	23.52	23.11	24.07	23.13	23.01	24.16	23.17	23.15	24.08	23.17

OUTPUT POWER FOR 5G NR n41 (90.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 2			ANT 1			ANT 4		
				509004	519000	528996	509004	519000	528996	509004	519000	528996	509004	519000	528996
90.0	BPSK	1	0	24.02	24.48	24.62	23.58	24.70	24.61	23.56	24.61	24.57	23.57	24.51	24.58
		1	1	27.62	27.98	28.14	27.11	28.16	28.16	27.03	28.02	28.06	27.00	28.12	28.18
		1	243	28.08	28.09	27.50	28.07	28.12	27.08	28.07	28.01	27.08	28.10	28.16	27.14
		1	244	24.59	24.61	24.14	24.65	24.63	23.65	24.55	24.63	23.54	24.66	24.58	23.68
		120	60	28.13	28.70	28.20	27.61	28.70	27.68	24.70	28.70	27.63	25.20	28.70	27.65
		243	0	26.51	28.16	27.45	27.02	28.16	27.03	27.02	28.01	27.08	26.99	28.04	27.12
	QPSK	1	0	24.17	24.52	24.63	23.63	24.51	24.60	23.66	24.67	24.65	23.52	24.65	24.55
		1	1	27.52	28.11	28.05	27.08	28.18	28.13	27.08	28.11	28.04	27.07	28.03	28.10
		1	243	28.15	28.05	27.62	28.09	28.00	27.08	28.08	28.13	27.18	28.05	28.11	27.02
		1	244	24.67	24.57	24.04	24.59	24.52	23.70	24.59	24.57	23.50	24.66	24.57	23.54
		120	60	28.08	28.70	28.11	27.63	28.61	27.51	24.55	28.61	27.58	25.05	28.63	27.51
		243	0	26.58	27.61	27.17	26.59	27.55	26.58	26.60	27.63	26.55	26.67	27.58	26.57
	16QAM	1	0	24.08	24.49	24.58	23.56	24.51	24.67	23.64	24.61	24.65	23.52	24.53	24.61
		1	1	26.53	26.99	26.98	26.03	27.18	27.07	26.16	27.11	27.01	26.20	27.06	27.10
		1	243	27.06	26.99	26.56	27.11	27.03	26.03	27.05	27.06	26.03	27.08	27.01	26.05
		1	244	24.58	24.58	24.14	24.61	24.55	23.68	24.59	24.56	23.52	24.61	24.42	23.58
		120	60	27.19	27.70	27.20	26.69	27.68	26.68	24.70	27.70	26.62	25.18	27.70	26.70
		243	0	26.13	26.55	26.05	25.61	26.62	25.66	25.53	26.60	25.62	25.62	26.48	25.64
	64QAM	1	0	24.07	24.66	24.67	23.56	24.55	24.61	23.57	24.64	24.57	23.53	24.64	24.66
		1	1	25.06	25.64	25.64	24.67	25.55	25.53	24.60	25.66	25.53	24.64	25.53	25.59
		1	243	25.54	25.63	25.12	25.59	25.66	24.61	25.55	25.50	24.70	25.53	25.69	24.60
		1	244	24.60	24.60	24.14	24.55	24.52	23.56	24.56	24.51	23.51	24.65	24.69	23.59
		120	60	25.61	26.19	25.54	25.00	26.09	25.19	24.52	26.16	25.05	25.19	26.08	25.02
		243	0	25.59	26.11	25.67	25.14	26.05	25.13	25.07	26.03	25.19	25.05	26.16	25.02
	256QAM	1	0	23.18	23.56	23.65	22.54	23.56	23.51	22.56	23.60	23.69	22.65	23.54	23.61
		1	1	23.15	23.51	23.66	22.68	23.58	23.57	22.59	23.66	23.69	22.63	23.66	23.68
		1	243	23.69	23.54	23.18	23.64	23.58	22.56	23.54	23.50	22.55	23.68	23.60	22.68
		1	244	23.64	23.67	23.12	23.64	23.68	22.52	23.60	23.68	22.61	23.52	23.51	22.55
		120	60	23.65	24.13	23.70	23.02	24.03	23.15	23.06	24.13	23.12	23.01	24.16	23.08
		243	0	23.61	24.17	23.57	23.06	24.11	23.11	23.16	24.05	23.00	23.10	24.10	23.13

OUTPUT POWER FOR 5G NR n41 (100.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 3			ANT 2			ANT 1			ANT 4		
				501000	519000	528000	501000	519000	528000	501000	519000	528000	501000	519000	528000
100.0	BPSK	1	0	24.05	24.64	24.47	23.57	24.41	24.48	23.50	24.62	24.62	23.53	24.60	24.46
		1	1	27.56	28.03	28.11	27.15	28.08	28.01	27.10	28.11	28.16	27.07	28.11	28.02
		1	271	28.01	28.10	27.47	28.17	27.96	27.08	28.07	28.20	27.20	28.05	28.07	26.98
		1	272	24.52	24.58	24.11	24.66	24.51	23.48	24.48	24.63	23.63	24.49	24.59	23.50
		135	67	26.13	28.70	28.20	26.60	28.70	27.70	25.20	28.70	27.61	24.20	28.70	27.70
		270	0	25.56	28.11	27.49	25.53	27.92	27.12	25.56	28.00	27.12	25.12	28.13	26.96
	QPSK	1	0	24.02	24.62	24.54	23.68	24.52	24.60	23.70	24.64	24.63	23.64	24.67	24.63
		1	1	27.63	28.17	28.14	27.16	28.04	28.18	27.14	28.14	28.05	27.00	28.13	28.01
		1	271	28.00	28.13	27.53	28.13	28.07	27.01	28.01	28.18	27.15	28.15	28.15	27.18
		1	272	24.53	24.69	24.02	24.53	24.68	23.61	24.65	24.54	23.58	24.69	24.64	23.56
		135	67	26.19	28.58	28.03	26.61	28.68	27.51	25.12	28.55	27.56	24.05	28.68	27.66
		270	0	25.54	27.54	27.14	25.64	27.58	26.56	25.65	27.69	26.63	25.14	27.65	26.61
	16QAM	1	0	24.00	24.57	24.59	23.55	24.58	24.50	23.57	24.52	24.60	23.55	24.47	24.62
		1	1	26.62	27.12	27.16	26.12	26.98	27.03	26.09	27.19	27.02	26.11	26.97	27.17
		1	271	27.09	26.98	26.68	27.06	27.02	26.07	27.03	27.03	26.05	27.12	27.06	26.11
		1	272	24.66	24.65	24.05	24.54	24.65	23.49	24.54	24.60	23.66	24.47	24.59	23.53
		135	67	26.20	27.70	27.15	26.70	27.70	26.70	25.15	27.64	26.69	24.20	27.70	26.69
		270	0	25.63	26.58	26.01	25.61	26.60	25.51	25.67	26.61	25.63	25.10	26.64	25.61
	64QAM	1	0	24.16	24.52	24.64	23.54	24.55	24.64	23.67	24.53	24.58	23.63	24.68	24.52
		1	1	25.05	25.64	25.67	24.64	25.51	25.67	24.64	25.66	25.55	24.66	25.62	25.61
		1	271	25.50	25.59	25.08	25.67	25.51	24.67	25.68	25.66	24.60	25.68	25.61	24.63
		1	272	24.63	24.62	24.17	24.57	24.56	23.67	24.68	24.58	23.52	24.51	24.62	23.52
		135	67	25.52	25.64	25.64	25.08	26.05	25.16	25.20	26.16	25.17	24.13	26.14	25.03
		270	0	25.69	26.11	25.65	25.11	26.01	25.18	25.14	26.06	25.08	25.08	26.13	25.03
	256QAM	1	0	23.17	23.64	23.68	22.53	23.65	23.55	22.62	23.69	23.54	22.55	23.65	23.60
		1	1	23.15	23.58	23.53	22.56	23.56	23.64	22.65	23.67	23.68	22.69	23.59	23.51
		1	271	23.53	23.64	23.15	23.58	23.52	22.64	23.52	23.58	22.61	23.60	23.61	22.60
		1	272	23.53	23.65	23.16	23.66	23.68	22.69	23.61	23.59	22.60	23.70	23.54	22.68
		135	67	23.64	24.12	23.64	23.02	24.04	23.04	23.16	24.12	23.05	23.09	24.18	23.20
		270	0	23.62	24.07	23.52	23.19	24.10	23.17	23.14	24.20	23.11	23.10	24.12	23.18

8.9. ULCA LTE BAND 41 (IC)

Test Engineer ID:	25780	Test Date:	2025-03-11
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OUTPUT POWER FOR ULCA LTE BAND 41 (5.0MHz + 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 2				ANT 1				ANT 4			
							QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
5MHz / 20MHz	2503.3	2515.0	1	24	1	0	22.95	23.00	22.99	21.52	22.50	22.47	22.47	21.02	22.40	22.54	22.44	20.95	22.52	22.47	22.60	20.95
			25	0	100	0	23.12	23.14	23.10	21.64	22.43	22.46	22.41	20.99	22.37	22.41	22.37	20.97	22.46	22.45	22.46	21.06
	2585.8	2597.5	1	24	1	0	28.70	27.06	26.70	22.46	28.70	26.96	26.50	22.46	28.68	26.98	26.32	22.35	28.63	27.04	26.67	22.63
			25	0	100	0	26.70	25.57	25.65	22.64	26.55	25.47	25.49	22.44	26.56	25.43	25.50	22.46	26.58	25.48	25.50	22.48
	2668.3	2680.0	1	24	1	0	27.92	26.50	25.95	21.96	27.42	25.92	25.44	21.49	27.44	25.98	25.49	21.53	27.60	26.12	25.60	21.64
			25	0	100	0	26.16	25.13	25.14	22.18	25.70	24.66	24.69	21.66	25.70	24.70	24.70	21.65	25.70	24.66	24.68	21.69

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

Bandwidth	PCC Frequency Frequency (MHz)	SCC1 Frequency Frequency (MHz)	PCC RB Size	PCC RB Offset	SCC1 RB Size	SCC1 RB Offset	Conducted Average (dBm)															
							ANT 3				ANT 2				ANT 1				ANT 4			
							QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
20MHz / 5MHz	2510.0	2521.7	1	99	1	0	26.90	26.46	25.95	21.77	26.43	25.88	25.45	21.53	26.62	26.06	25.64	21.44	26.65	25.99	25.56	21.47
			100	0	25	0	23.07	23.05	23.04	21.54	22.62	22.63	22.67	21.15	22.47	22.49	22.46	21.09	22.60	22.62	22.62	21.18
			1	99	1	0	28.62	27.05	26.69	22.59	28.67	26.86	26.55	22.53	28.70	27.19	26.55	22.70	28.60	27.07	26.47	22.43
	2592.5	2604.2	100	0	25	0	26.70	25.64	25.63	22.61	26.70	25.63	25.60	22.65	26.56	25.52	25.53	22.48	26.69	25.65	25.63	22.69
			1	99	1	0	27.89	26.52	26.05	21.98	27.57	26.13	25.62	21.61	27.49	25.98	25.58	21.63	27.43	25.94	25.59	21.70
			100	0	25	0	26.06	25.13	25.19	22.13	25.62	24.60	24.57	21.58	25.67	24.70	24.70	21.67	25.53	24.63	24.66	21.65

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

Bandwidth	PCC Frequency Frequency (MHz)	SCC1 Frequency Frequency (MHz)	PCC RB Size	PCC RB Offset	SCC1 RB Size	SCC1 RB Offset	Conducted Average (dBm)															
							ANT 3				ANT 2				ANT 1				ANT 4			
							QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
10MHz / 20MHz	2505.5	2519.9	1	49	1	0	22.80	22.95	22.82	21.29	22.41	22.46	22.43	21.06	22.55	22.63	22.62	21.04	22.41	22.47	22.48	21.07
			50	0	100	0	23.05	23.04	23.00	21.65	22.61	22.56	22.53	21.09	22.44	22.45	22.48	21.03	22.51	22.47	22.45	21.04
	2585.6	2600.0	1	49	1	0	28.62	26.99	26.37	22.52	28.67	26.96	26.70	22.34	28.61	27.09	26.51	22.62	28.61	27.12	26.45	22.42
			50	0	100	0	26.58	25.52	25.54	22.49	26.66	25.59	25.59	22.61	26.58	25.53	25.55	22.54	26.63	25.58	25.58	22.58
	2665.6	2680.0	1	49	1	0	27.91	26.43	25.91	21.92	27.50	25.89	25.52	21.47	27.48	25.97	25.68	21.48	27.34	25.95	25.70	21.52
			50	0	100	0	26.11	25.20	25.15	22.10	25.62	24.68	24.65	21.68	25.68	24.67	24.70	21.67	25.68	24.65	24.66	21.68

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 2				ANT 1				ANT 4			
							QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
20MHz / 10MHz	2510.0	2524.4	1	99	1	0	26.83	26.55	25.86	21.86	26.41	25.86	25.31	21.42	26.68	26.13	25.68	21.43	26.47	25.86	25.58	21.62
			100	0	50	0	23.00	23.00	23.02	21.50	22.56	22.54	22.56	21.07	22.43	22.45	22.45	21.03	22.51	22.50	22.53	21.10
			1	99	1	0	28.57	26.94	26.47	22.51	28.59	27.12	26.40	22.33	28.64	27.10	26.51	22.58	28.62	27.02	26.48	22.55
	2590.1	2604.4	100	0	50	0	26.57	25.52	25.55	22.52	26.66	25.65	25.61	22.61	26.55	25.49	25.52	22.55	26.66	25.63	25.60	22.60
			1	99	1	0	28.05	26.41	26.07	22.20	27.43	26.02	25.61	21.52	27.50	25.96	25.52	21.54	27.54	25.95	25.55	21.70
			100	0	50	0	26.08	25.15	25.17	22.14	25.68	24.69	24.70	21.66	25.65	24.69	24.70	21.68	25.67	24.65	24.69	21.67

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

Bandwidth	PCC Frequency (MHz)	SCC1 Frequency (MHz)	PCC RB Size	PCC RB Offset	SCC1 RB Size	SCC1 RB Offset	Conducted Average (dBm)															
							ANT 3				ANT 2				ANT 1				ANT 4			
							QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
15MHz / 15MHz	2507.5	2522.5	1	74	1	0	27.89	26.54	26.13	21.88	27.48	26.01	25.43	21.57	27.53	26.18	25.70	21.65	27.44	25.86	25.57	21.55
			75	0	75	0	23.10	23.01	23.01	21.60	22.51	22.52	22.45	21.12	22.38	22.39	22.39	20.93	22.42	22.44	22.42	21.02
	2587.5	2602.5	1	74	1	0	28.62	27.18	26.61	22.68	28.70	27.06	26.70	22.61	28.58	27.17	26.61	22.63	28.67	27.18	26.54	22.67
			75	0	75	0	26.59	25.59	25.58	22.55	26.61	25.58	25.56	22.55	26.51	25.49	25.49	22.47	26.60	25.56	25.55	22.57
	2667.5	2682.5	1	74	1	0	28.01	26.64	26.01	22.20	27.46	26.16	25.61	21.48	27.50	26.05	25.70	21.62	27.47	26.13	25.60	21.63
			75	0	75	0	26.11	25.17	25.20	22.14	25.57	24.59	24.57	21.61	25.62	24.62	24.62	21.63	25.64	24.69	24.70	21.70

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 2				ANT 1				ANT 4			
							QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
15MHz / 20MHz	2507.8	2524.9	1	74	1	0	28.00	26.66	26.13	22.00	27.57	26.13	25.62	21.58	27.50	26.03	25.65	21.65	27.35	25.93	25.42	21.40
			75	0	100	0	23.00	23.01	23.04	21.56	22.53	22.56	22.57	21.12	22.37	22.38	22.37	20.93	22.51	22.49	22.49	21.10
	2585.3	2602.4	1	74	1	0	28.65	27.14	26.62	22.46	28.62	27.08	26.61	22.69	28.63	27.02	26.62	22.58	28.55	27.03	26.58	22.52
			75	0	100	0	26.60	25.54	25.55	22.53	26.63	25.62	25.61	22.61	26.49	25.45	25.45	22.42	26.60	25.55	25.54	22.59
	2662.9	2680.0	1	74	1	0	27.99	26.54	26.16	22.12	27.50	26.10	25.69	21.62	27.65	25.98	25.70	21.52	27.64	26.03	25.53	21.70
			75	0	100	0	26.12	25.17	25.20	22.13	25.68	24.68	24.67	21.70	25.60	24.60	24.59	21.65	25.65	24.66	24.62	21.70

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 2				ANT 1				ANT 4			
							QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
20MHz / 15MHz	2510.0	2527.1	1	99	1	0	28.05	26.50	26.10	22.01	27.35	25.90	25.40	21.46	27.31	25.78	25.51	21.55	27.45	25.83	25.44	21.54
			100	0	75	0	23.04	23.03	23.03	21.51	22.50	22.52	22.46	21.04	22.43	22.45	22.48	21.05	22.52	22.52	22.54	21.11
			1	99	1	0	28.57	27.18	26.61	22.58	28.62	27.14	26.58	22.55	28.69	27.10	26.66	22.63	28.56	26.99	26.64	22.53
	2587.6	2604.7	100	0	75	0	26.66	25.57	25.56	22.55	26.66	25.56	25.59	22.49	26.55	25.49	25.49	22.53	26.60	25.53	25.54	22.59
			1	99	1	0	27.93	26.54	25.94	22.15	27.50	26.00	25.51	21.57	27.58	25.99	25.66	21.61	27.56	25.88	25.56	21.68
			100	0	75	0	26.10	25.15	25.20	22.13	25.69	24.70	24.66	21.63	25.65	24.66	24.68	21.70	25.70	24.67	24.62	21.66

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 2				ANT 1				ANT 4			
							QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
20MHz/ 20MHz	2510.0	2529.8	1	99	1	0	28.08	26.53	26.02	22.07	27.62	26.17	25.44	21.62	27.65	26.06	25.47	21.56	27.53	26.01	25.49	21.51
			1	0	1	99	15.08	15.07	15.10	15.20	14.65	14.69	14.64	14.64	14.35	14.30	14.27	14.39	14.51	14.37	14.50	14.48
			100	0	100	0	22.98	22.96	22.98	21.50	22.56	22.50	22.54	21.06	22.38	22.37	22.36	20.96	22.41	22.43	22.41	20.97
			1	99	1	0	28.58	27.12	26.49	22.55	28.70	27.19	26.70	22.69	28.55	27.02	26.64	22.68	28.53	27.00	26.53	22.56
			1	0	1	99	20.10	20.04	20.14	20.19	20.13	20.06	20.16	20.18	20.00	19.98	19.99	20.01	19.99	19.96	20.05	20.01
			100	0	100	0	27.56	26.59	25.54	22.53	27.54	26.66	25.62	22.56	27.41	26.48	25.46	22.47	27.45	26.49	25.43	22.46
	2585.1	2604.9	1	99	1	0	28.13	26.67	26.16	22.18	27.66	26.11	25.64	21.63	27.61	26.11	25.66	21.66	27.63	26.20	25.70	21.64
			1	0	1	99	19.63	19.59	19.57	19.56	19.11	19.16	19.20	19.06	19.13	19.05	19.14	19.20	19.20	19.15	19.18	19.18
			100	0	100	0	27.11	26.12	25.20	22.11	26.70	25.66	24.66	21.64	26.65	25.57	24.58	21.60	26.59	25.55	24.55	21.59
			1	0	1	99	20.10	20.04	20.14	20.19	20.13	20.06	20.16	20.18	20.00	19.98	19.99	20.01	19.99	19.96	20.05	20.01
			100	0	100	0	27.56	26.59	25.54	22.53	27.54	26.66	25.62	22.56	27.41	26.48	25.46	22.47	27.45	26.49	25.43	22.46
			1	99	1	0	28.13	26.67	26.16	22.18	27.66	26.11	25.64	21.63	27.61	26.11	25.66	21.66	27.63	26.20	25.70	21.64

9. CONDUCTED TEST RESULTS

9.1. OCCUPIED BANDWIDTH

RULE PART(S)

FCC: §2.1049
ISED: RSS-GEN§6.7, RSS199§5.4

LIMITS

For reporting purposes only.

TEST PROCEDURE

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

RESULTS

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

LTE BAND 7

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
LTE BAND 7	5MHz, QPSK	25/0	2535.0	4.508	4.95
	5MHz, 16QAM			4.500	4.94
	10MHz, QPSK	50/0		8.993	9.88
	10MHz, 16QAM			9.000	9.87
	15MHz, QPSK	75/0		13.464	14.53
	15MHz, 16QAM			13.46	14.64
	20MHz, QPSK	100/0		17.897	19.54
	20MHz, 16QAM			17.94	19.40
	20MHz, QPSK	1/0		0.285	0.48

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	4.500	4.88
	5MHz, QPSK			4.478	4.87
	5MHz, 16QAM			4.493	4.86
	10MHz, BPSK	50/0		8.979	9.63
	10MHz, QPSK			8.972	9.68
	10MHz, 16QAM			8.989	9.63
	15MHz, BPSK	75/0		13.485	14.32
	15MHz, QPSK			13.436	14.28
	15MHz, 16QAM			13.486	14.33
	20MHz, BPSK	100/0		17.942	18.98
	20MHz, QPSK			17.898	18.94
	20MHz, 16QAM			17.945	18.98
	25MHz, BPSK	128/0		22.932	24.27
	25MHz, QPSK			22.857	24.26
	25MHz, 16QAM			22.966	24.30
	30MHz, BPSK	160/0		28.729	30.27
	30MHz, QPSK			28.606	30.24
	30MHz, 16QAM			28.752	30.20
	35MHz, BPSK	180/0		32.316	33.99
	35MHz, QPSK			32.168	33.97
	35MHz, 16QAM			32.274	33.97
	40MHz, BPSK	216/0		38.761	40.80
	40MHz, QPSK			38.703	40.77
	40MHz, 16QAM			38.752	40.77
	50MHz, BPSK	270/0		48.318	50.82
	50MHz, QPSK			48.240	50.82
	50MHz, 16QAM			48.317	50.87
	50MHz, BPSK	1/0		0.299	0.54

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	27.920	30.07
	10MHz + 20MHz BAND 16QAM			27.924	30.04
	20MHz + 10MHz BAND QPSK	100/0 + 50/0		27.910	30.01
	20MHz + 10MHz BAND 16QAM			27.936	30.01
	15MHz + 15MHz BAND QPSK	75/0 + 75/0		28.544	30.73
	15MHz + 15MHz BAND 16QAM			28.517	30.68
	15MHz + 20MHz BAND QPSK	75/0 + 100/0		32.730	35.05
	15MHz + 20MHz BAND 16QAM			32.747	35.07
	20MHz + 15MHz BAND QPSK	100/0 + 75/0		32.742	35.03
	20MHz + 15MHz BAND 16QAM			32.781	35.00
	20MHz + 20MHz BAND QPSK	100/0 + 100/0		37.573	40.00
	20MHz + 20MHz BAND 16QAM			37.557	40.00

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	4.499	5.05
	5MHz, 16QAM			4.499	5.05
	10MHz, QPSK	50/0		8.998	9.90
	10MHz, 16QAM			8.966	9.73
	15MHz, QPSK	75/0		13.430	14.55
	15MHz, 16QAM			13.466	14.67
	20MHz, QPSK	100/0		17.894	19.80
	20MHz, 16QAM			17.901	19.72
	20MHz, QPSK	1/0		0.288	0.48

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	8.652	9.69
	10MHz, QPSK			8.594	9.51
	10MHz, 16QAM			8.584	9.43
	15MHz, BPSK	36/0		12.913	14.16
	15MHz, QPSK			12.933	14.02
	15MHz, 16QAM			12.926	13.95
	20MHz, BPSK	50/0		17.916	19.09
	20MHz, QPSK			17.924	19.30
	20MHz, 16QAM			17.950	19.12
	25MHz, BPSK	64/0		22.944	24.41
	25MHz, QPSK			22.946	24.36
	25MHz, 16QAM			22.934	24.37
	30MHz, BPSK	75/0		26.886	28.58
	30MHz, QPSK			26.885	28.47
	30MHz, 16QAM			26.919	28.42
	35MHz, BPSK	90/0		32.312	34.20
	35MHz, QPSK			32.224	34.29
	35MHz, 16QAM			32.302	34.25
	40MHz, BPSK	100/0		35.793	37.77
	40MHz, QPSK			35.803	37.91
	40MHz, 16QAM			35.862	37.87
	45MHz, BPSK	108/0		38.654	40.83
	45MHz, QPSK			38.687	40.85
	45MHz, 16QAM			38.677	40.70
	50MHz, BPSK	128/0		45.781	48.29
	50MHz, QPSK			45.660	48.22
	50MHz, 16QAM			45.905	48.31
	60MHz, BPSK	162/0		57.982	61.07
	60MHz, QPSK			57.872	61.08
	60MHz, 16QAM			58.124	61.14
	70MHz, BPSK	180/0		64.479	67.78
	70MHz, QPSK			64.314	67.81
	70MHz, 16QAM			64.426	67.75
	80MHz, BPSK	216/0		77.348	81.48
	80MHz, QPSK			77.367	81.25
	80MHz, 16QAM			77.193	81.32
	90MHz, BPSK	243/0		86.957	91.49
	90MHz, QPSK			86.790	91.39
	90MHz, 16QAM			87.119	91.65
	100MHz, BPSK	270/0		96.477	101.70
	100MHz, QPSK			96.457	101.60
	100MHz, 16QAM			96.682	101.80
	100MHz, BPSK	1/0		0.596	1.03

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	23.159	24.98
	5MHz + 20MHz BAND 16QAM			23.126	24.94
	20MHz + 5MHz BAND QPSK	100/0 + 25/0		23.161	24.98
	20MHz + 5MHz BAND 16QAM			23.144	24.95
	10MHz + 20MHz BAND QPSK	50/0 + 100/0		27.939	29.98
	10MHz + 20MHz BAND 16QAM			27.904	30.04
	20MHz + 10MHz BAND QPSK	100/0 + 50/0		27.925	30.04
	20MHz + 10MHz BAND 16QAM			27.947	30.03
	15MHz + 15MHz BAND QPSK	75/0 + 75/0		28.516	30.74
	15MHz + 15MHz BAND 16QAM			28.569	30.70
	15MHz + 20MHz BAND QPSK	75/0 + 100/0		32.790	35.04
	15MHz + 20MHz BAND 16QAM			32.719	35.02
	20MHz + 15MHz BAND QPSK	100/0 + 75/0		32.770	35.06
	20MHz + 15MHz BAND 16QAM			32.828	35.01
	20MHz + 20MHz BAND QPSK	100/0 + 100/0		37.619	40.04
	20MHz + 20MHz BAND 16QAM			37.604	40.05

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	4.493	4.91
	5MHz, 16QAM			4.497	5.08
	10MHz, QPSK	50/0		8.964	9.78
	10MHz, 16QAM			8.962	9.87
	15MHz, QPSK	75/0		13.444	14.55
	15MHz, 16QAM			13.442	14.66
	20MHz, QPSK	100/0		17.900	19.29
	20MHz, 16QAM			17.852	19.40
	20MHz, QPSK	1/0		0.269	0.42

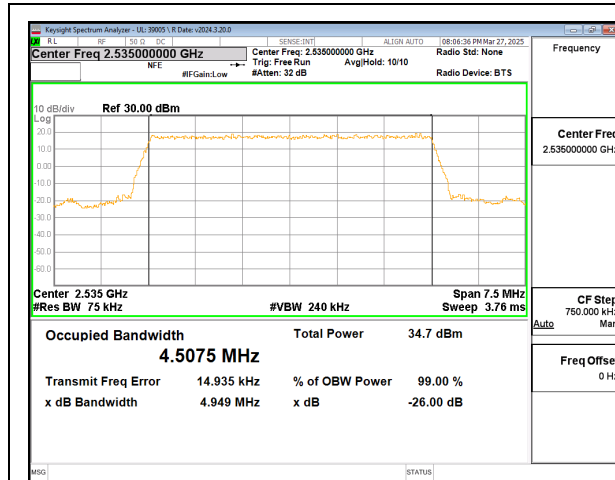
5G NR n41 (IC)

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
5G NR n41 (IC)	10MHz, BPSK	24/0	2595.0	8.600	9.63
	10MHz, QPSK			8.581	9.62
	10MHz, 16QAM			8.617	9.67
	15MHz, BPSK	36/0		12.912	14.07
	15MHz, QPSK			12.887	13.88
	15MHz, 16QAM			12.941	14.09
	20MHz, BPSK	50/0		17.935	19.15
	20MHz, QPSK			17.930	19.17
	20MHz, 16QAM			17.967	19.09
	25MHz, BPSK	64/0		22.923	24.18
	25MHz, QPSK			22.917	24.36
	25MHz, 16QAM			22.929	24.28
	30MHz, BPSK	75/0		26.903	28.48
	30MHz, QPSK			26.927	28.42
	30MHz, 16QAM			26.910	28.50
	35MHz, BPSK	90/0		32.217	34.01
	35MHz, QPSK			32.185	33.98
	35MHz, 16QAM			32.252	34.10
	40MHz, BPSK	100/0		35.772	37.78
	40MHz, QPSK			35.775	37.83
	40MHz, 16QAM			35.868	37.97
	45MHz, BPSK	108/0		38.704	40.90
	45MHz, QPSK			38.670	40.89
	45MHz, 16QAM			38.651	40.76
	50MHz, BPSK	128/0		45.772	48.30
	50MHz, QPSK			45.730	48.23
	50MHz, 16QAM			45.866	48.28
	60MHz, BPSK	162/0		57.966	61.05
	60MHz, QPSK			57.881	60.94
	60MHz, 16QAM			58.052	61.03
	70MHz, BPSK	180/0		64.377	67.77
	70MHz, QPSK			64.218	67.68
	70MHz, 16QAM			64.512	67.79
	80MHz, BPSK	216/0		77.334	81.29
	80MHz, QPSK			77.088	81.28
	80MHz, 16QAM			77.253	81.39
	90MHz, BPSK	243/0		86.960	91.53
	90MHz, QPSK			86.803	91.38
	90MHz, 16QAM			87.051	91.53
	100MHz, BPSK	270/0		96.719	101.70
	100MHz, QPSK			96.341	101.60
	100MHz, 16QAM			96.489	101.70
	100MHz, BPSK	1/0		0.597	1.04

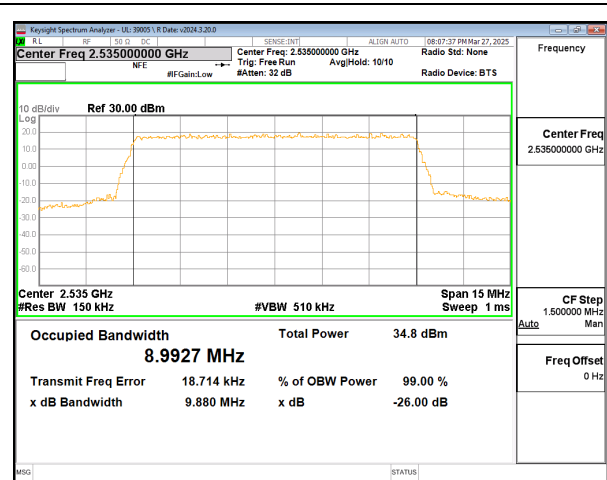
ULCA LTE BAND 41 (IC)

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	23.174	24.96
	5MHz + 20MHz BAND 16QAM			23.163	24.95
	20MHz + 5MHz BAND QPSK	100/0 + 25/0		23.145	24.94
	20MHz + 5MHz BAND 16QAM			23.185	24.95
	10MHz + 20MHz BAND QPSK	50/0 + 100/0		27.900	30.03
	10MHz + 20MHz BAND 16QAM			27.923	30.01
	20MHz + 10MHz BAND QPSK	100/0 + 50/0		27.923	29.97
	20MHz + 10MHz BAND 16QAM			27.949	29.99
	15MHz + 15MHz BAND QPSK	75/0 + 75/0		28.531	30.72
	15MHz + 15MHz BAND 16QAM			28.499	30.65
	15MHz + 20MHz BAND QPSK	75/0 + 100/0		32.787	35.01
	15MHz + 20MHz BAND 16QAM			32.738	34.97
	20MHz + 15MHz BAND QPSK	100/0 + 75/0		32.753	35.01
	20MHz + 15MHz BAND 16QAM			32.834	35.00
	20MHz + 20MHz BAND QPSK	100/0 + 100/0		37.563	39.95
	20MHz + 20MHz BAND 16QAM			37.675	40.01

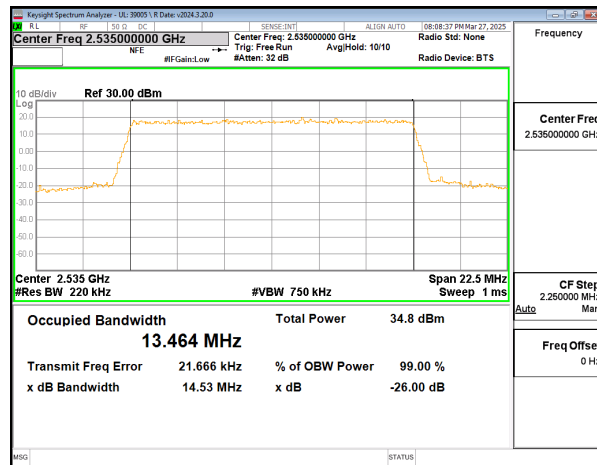
9.1.1. LTE BAND 7



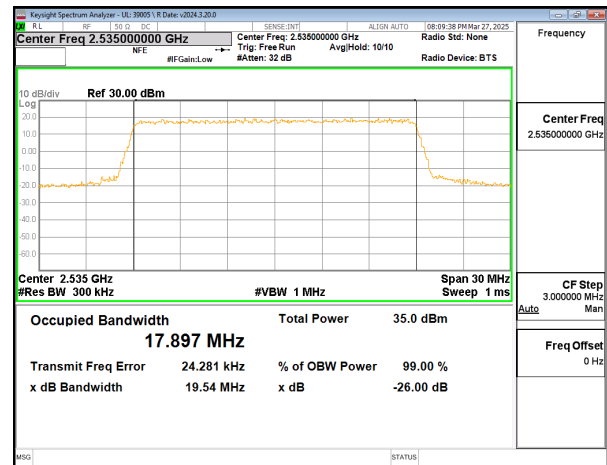
LTE B7 5MHz QPSK Middle Channel RB25-0



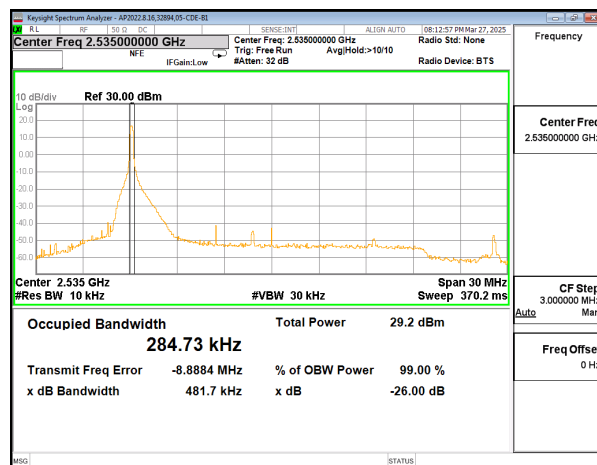
LTE B7 10MHz QPSK Middle Channel RB50-0



LTE B7 15MHz QPSK Middle Channel RB75-0



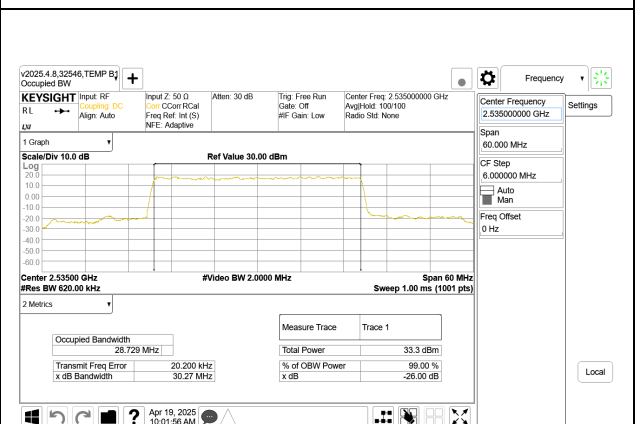
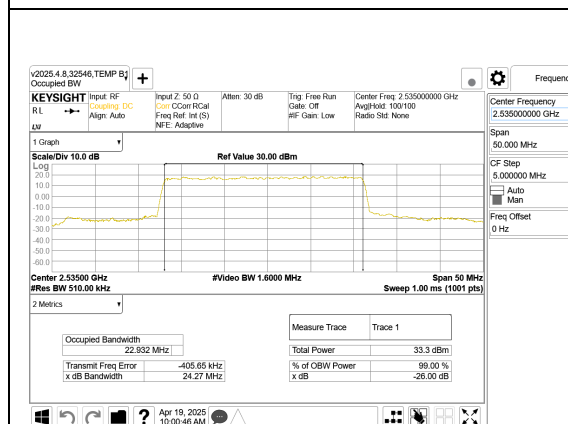
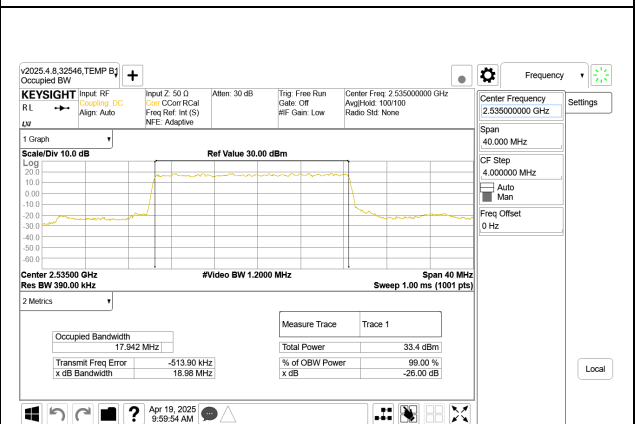
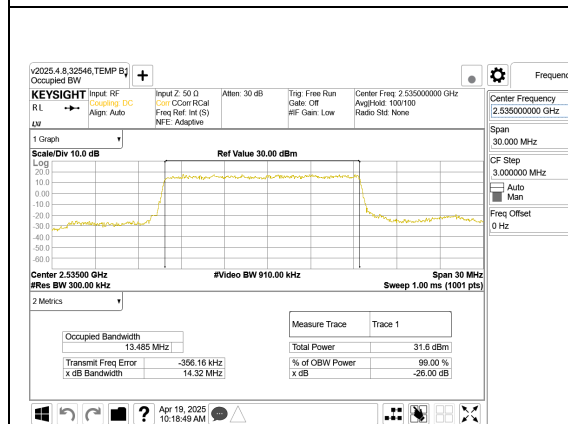
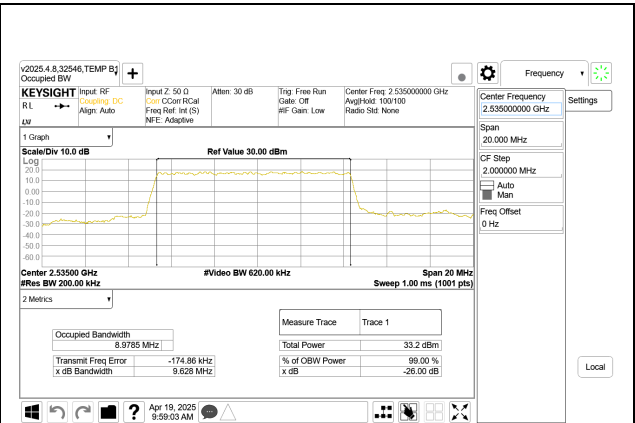
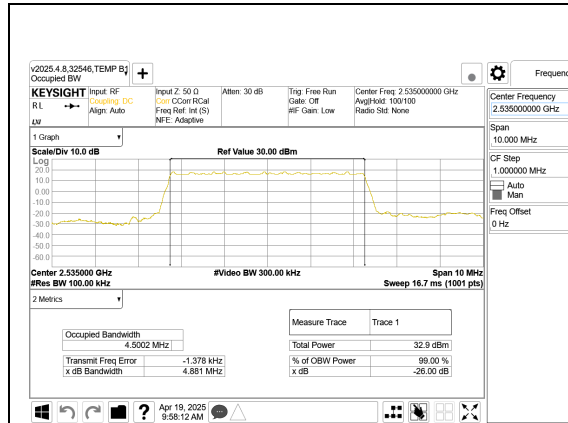
LTE B7 20MHz QPSK Middle Channel RB100-0

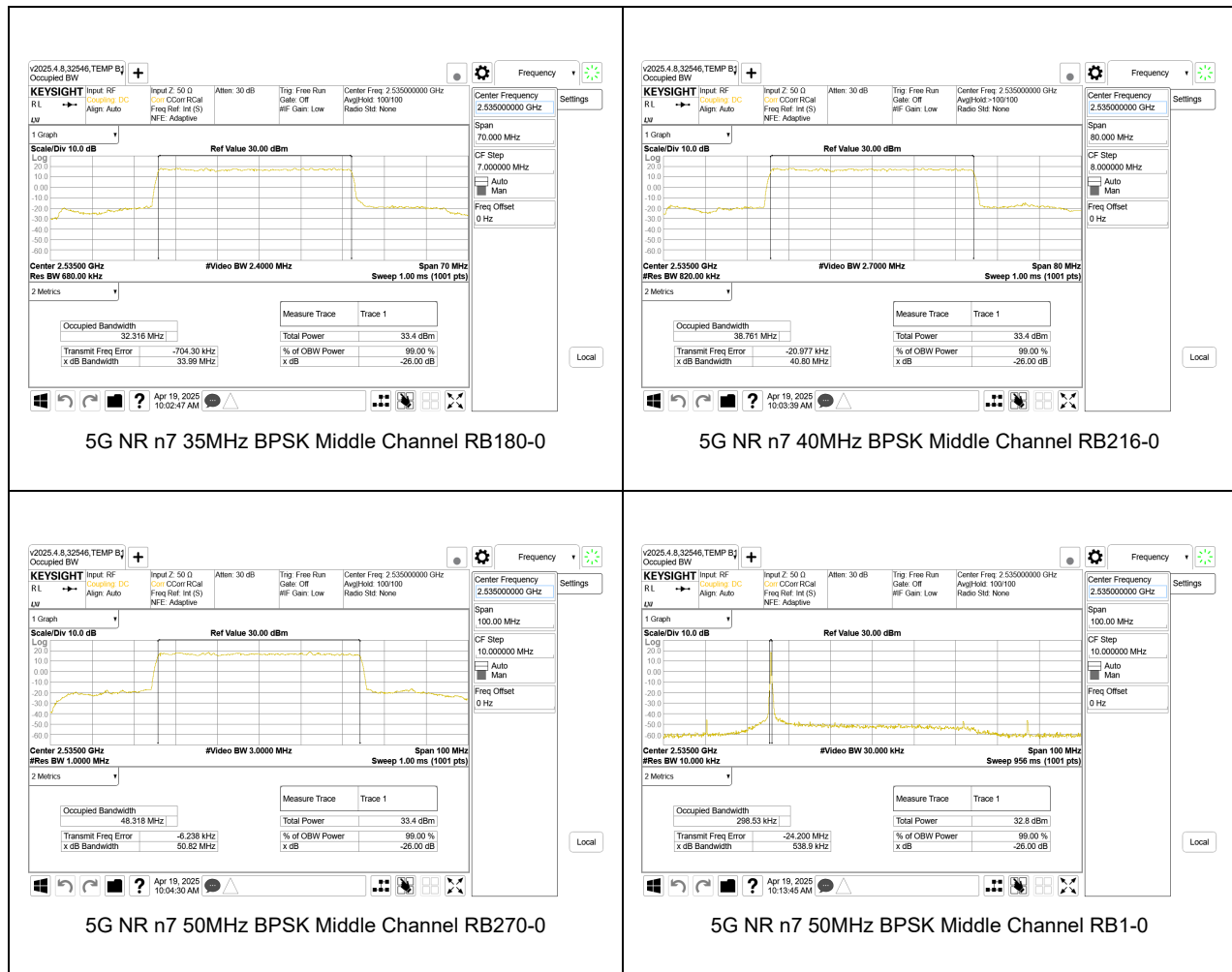


LTE B7 20MHz QPSK Middle Channel RB1-0

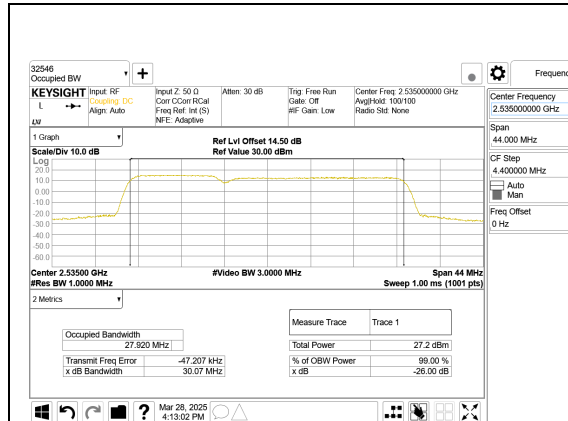
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9.1.2. 5G NR n7

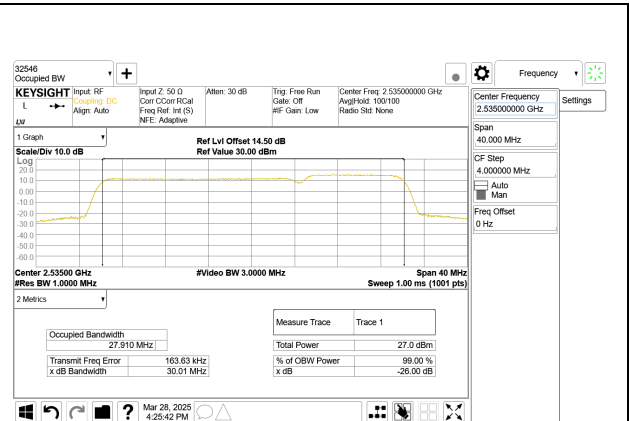




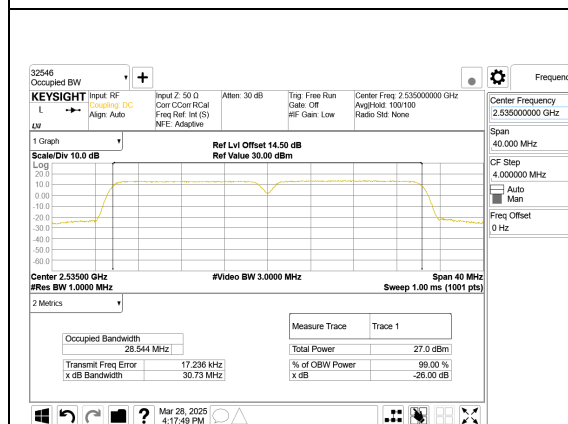
9.1.3. ULCA LTE BAND 7



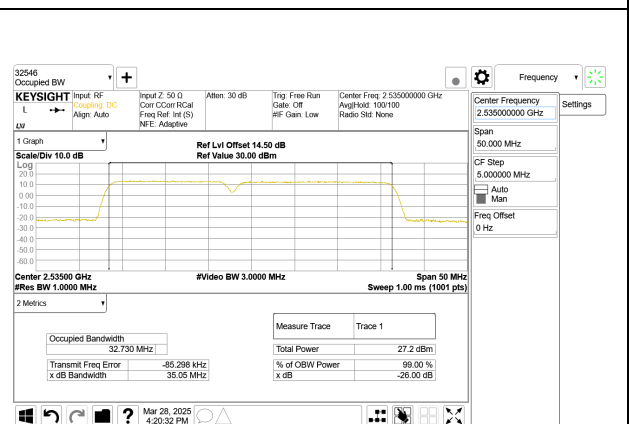
ULCA LTE B7 10MHz + 20MHz QPSK RB50-0 + RB100-0



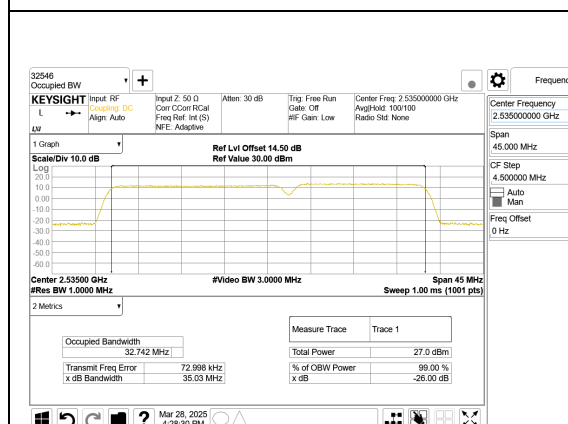
ULCA LTE B7 20MHz + 10MHz QPSK RB100-0 + RB50-0



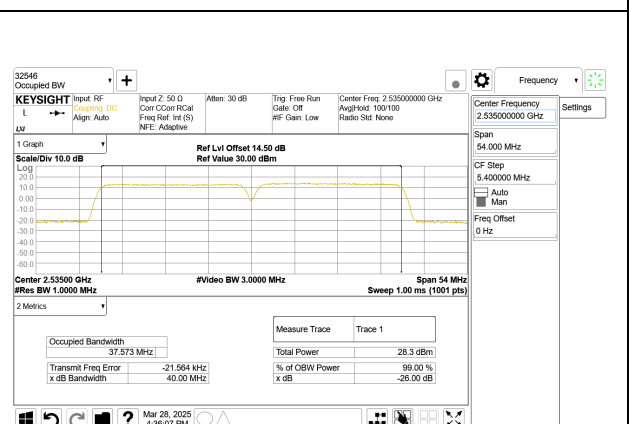
ULCA LTE B7 15MHz + 15MHz QPSK RB75-0 + RB75-0



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

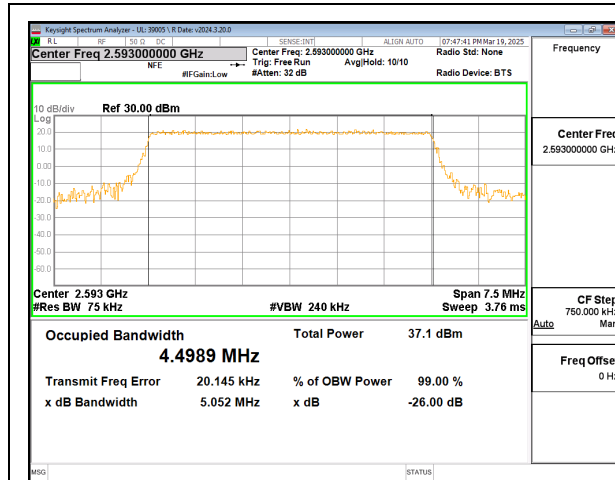


ULCA LTE B7 20MHz + 15MHz QPSK RB100-0 + RB75-0

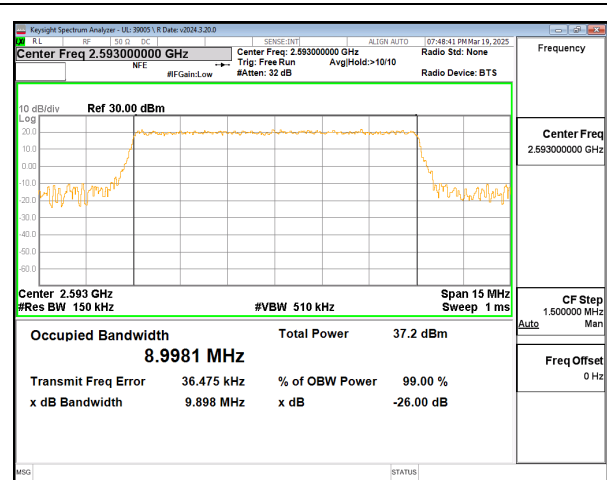


ULCA LTE B7 20MHz + 20MHz QPSK RB100-0 + RB100-0

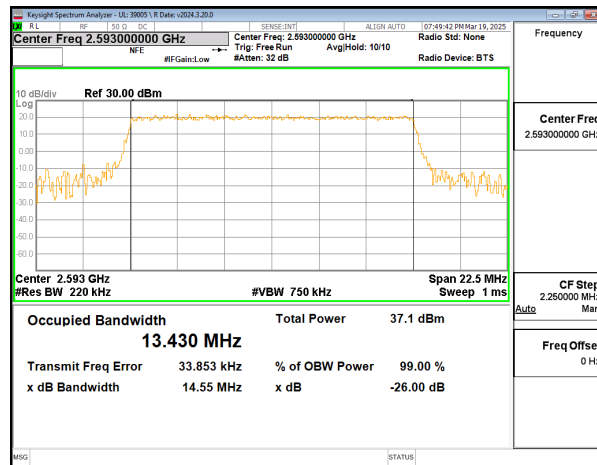
9.1.4. LTE BAND 41 (FCC)



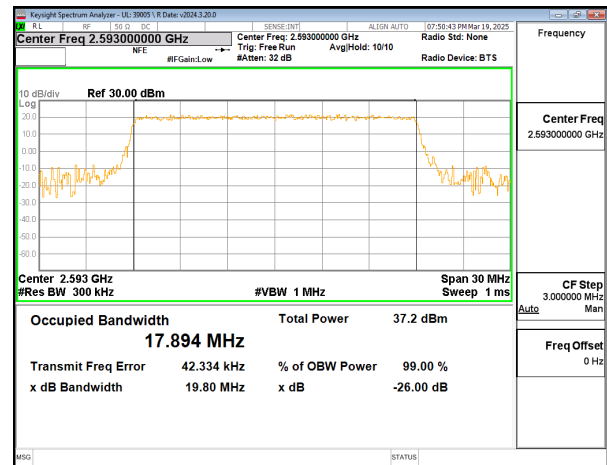
LTE B41 5MHz QPSK Middle Channel RB25-0



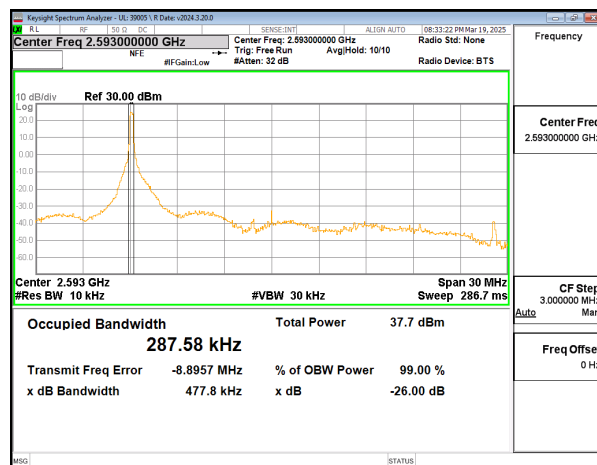
LTE B41 10MHz QPSK Middle Channel RB50-0



LTE B41 15MHz QPSK Middle Channel RB75-0



LTE B41 20MHz QPSK Middle Channel RB100-0

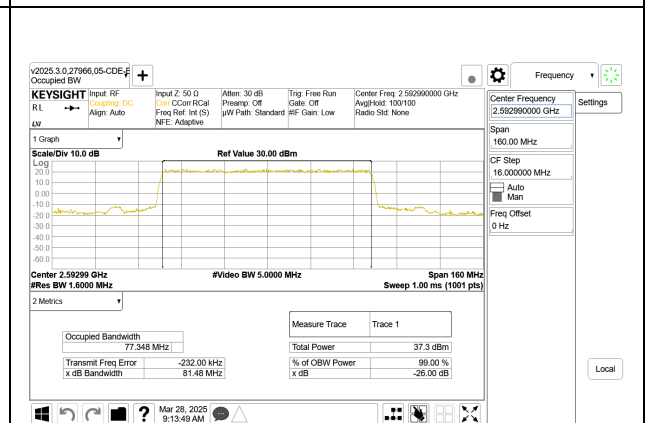
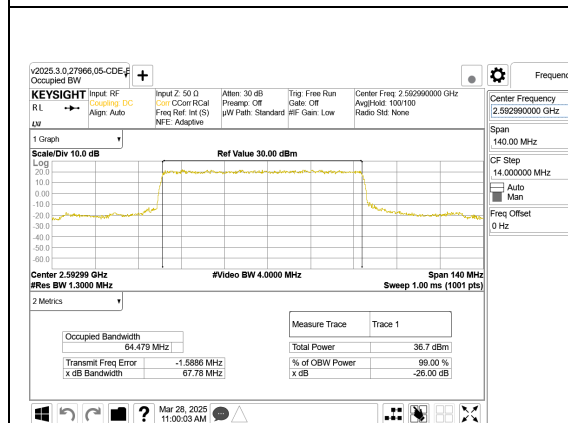
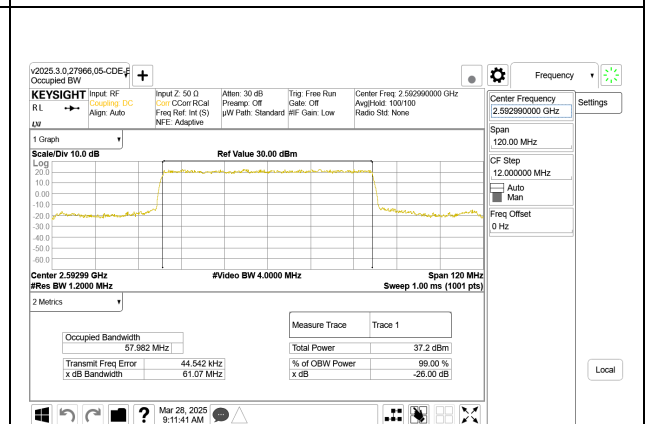
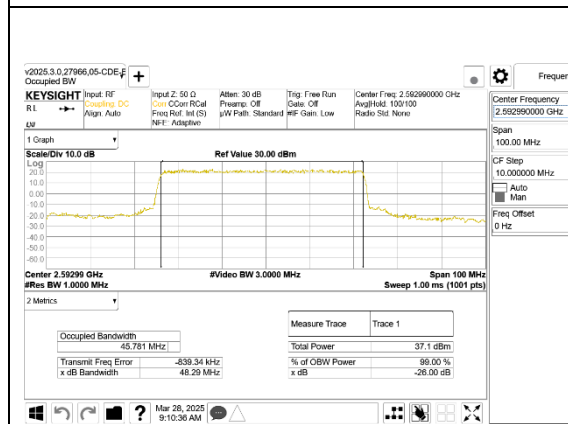
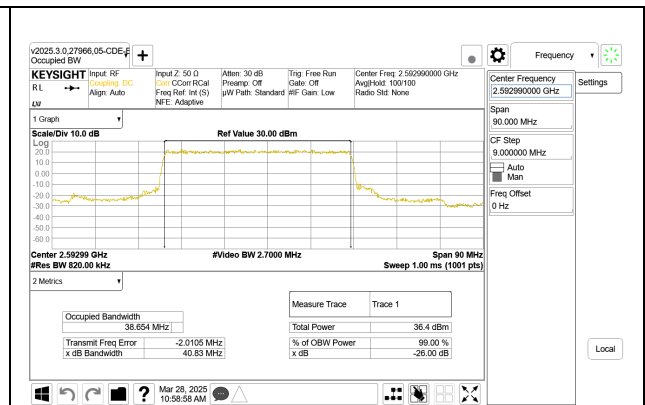
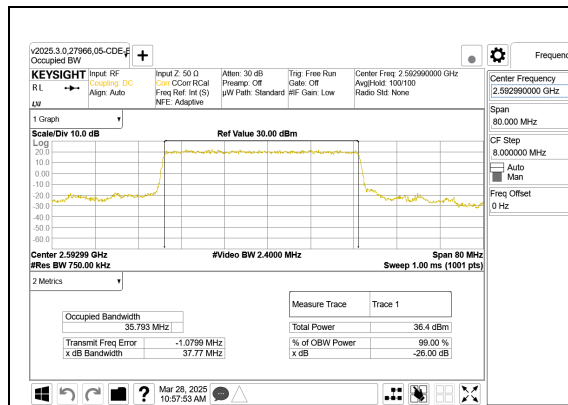


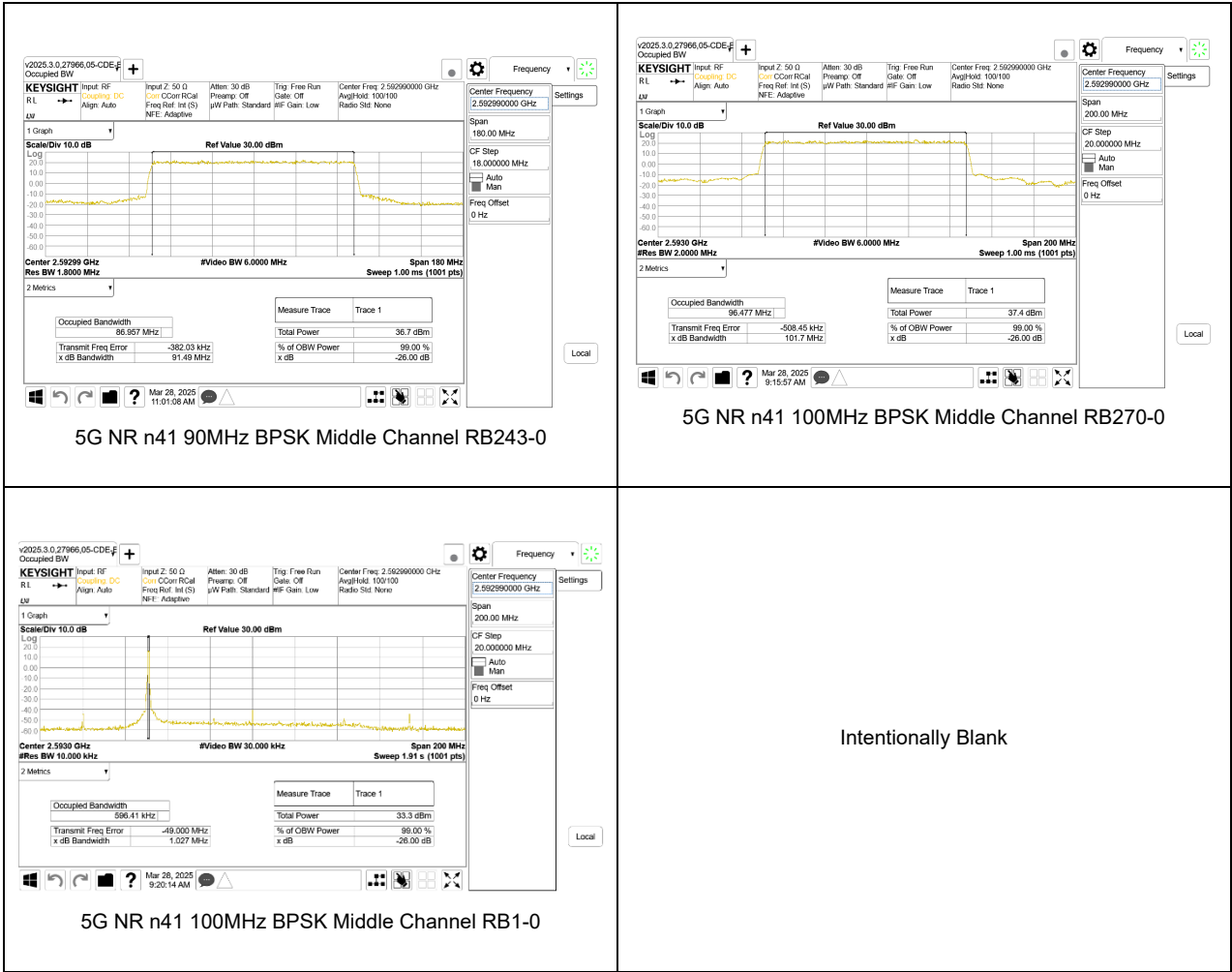
LTE B41 20MHz QPSK Middle Channel RB1-0

Intentionally Blank

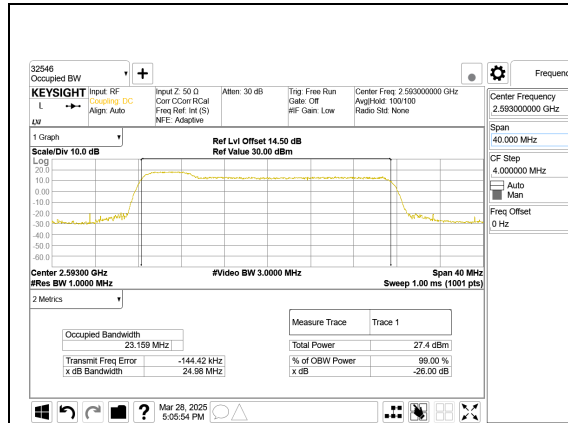
9.1.5. 5G NR n41 (FCC)



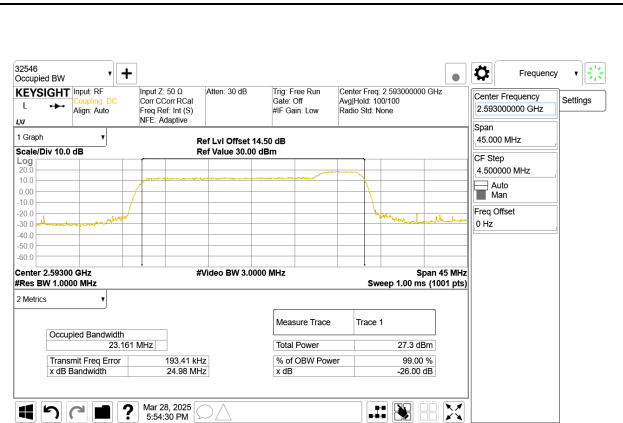




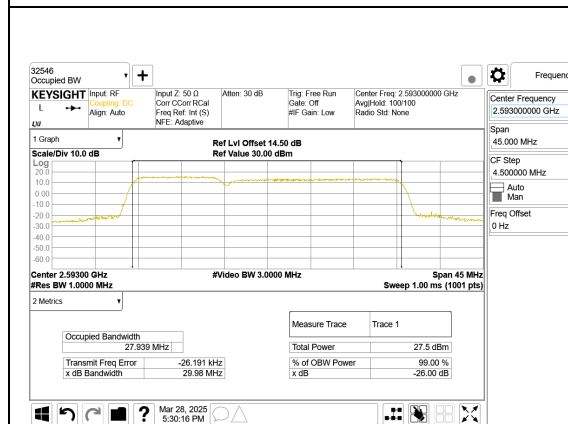
9.1.6. ULCA LTE BAND 41 (FCC)



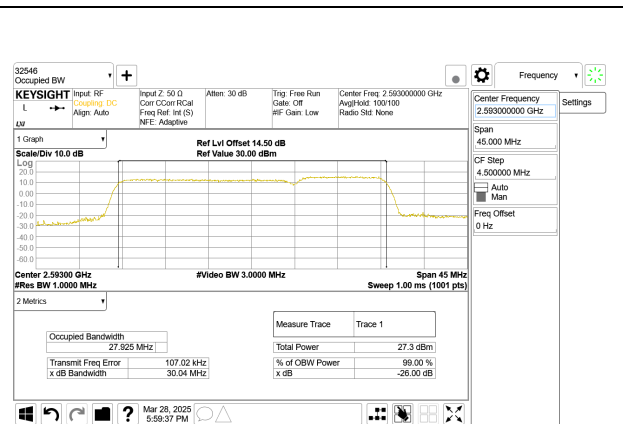
ULCA LTE B41 5MHz + 20MHz QPSK RB25-0 + RB100-0



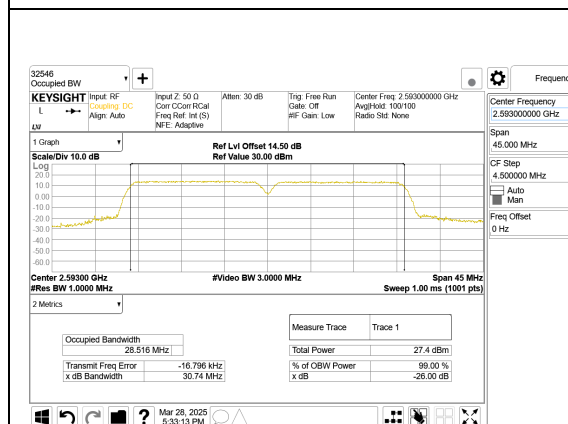
ULCA LTE B41 20MHz + 5MHz QPSK RB100-0 + RB25-0



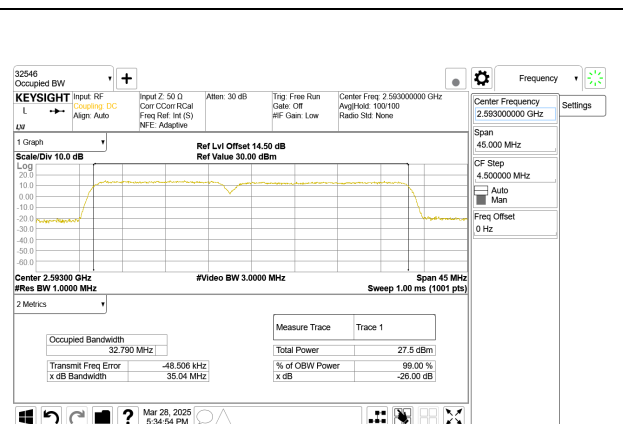
ULCA LTE B41 10MHz + 20MHz QPSK RB50-0 + RB100-0



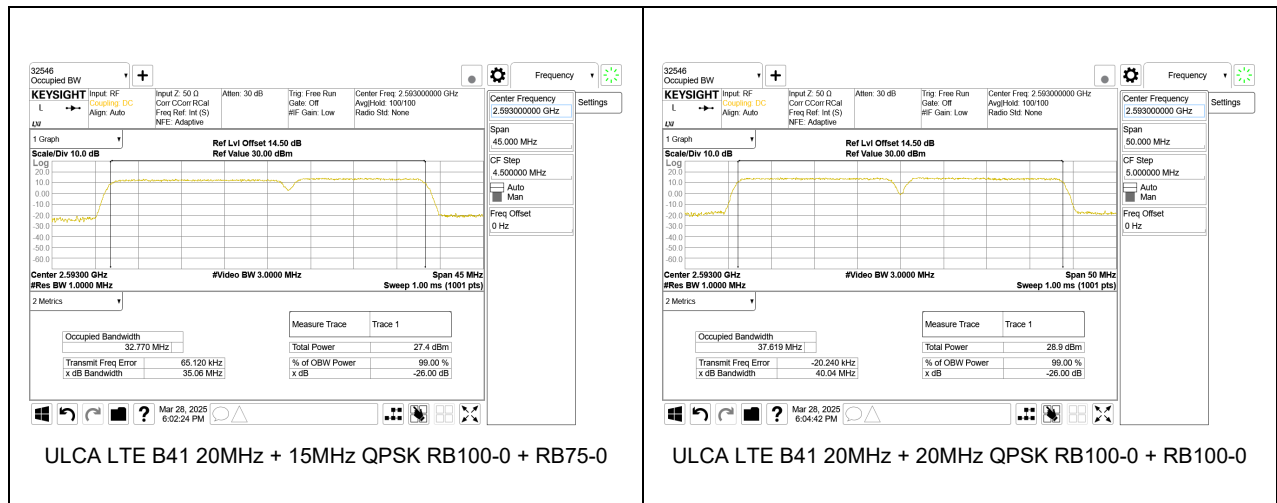
ULCA LTE B41 20MHz + 10MHz QPSK RB100-0 + RB50-0



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



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



9.1.7. LTE BAND 41 (IC)

