TEST REPORT

Report Number: 14523771-E18V2

Applicant	:	APPLE, INC 1 APPLE PARK WAY CUPERTINO, CA 95014, U.S.A.
Model	:	A2849
Brand	:	APPLE
FCC ID	:	BCG-E8439A
EUT Description	:	SMARTPHONE
Test Standard(s)	:	FCC 47 CFR PART2, 22H, 24E, 27, 90S, 90R, AND 96

Date Of Issue:
2023-08-30

Prepared by:
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ACCREDITED
CERT #0751.05

Revision History

Rev.	Issue Date	Revisions	Revised By
V1	2023-08-07	Initial Review	Mengistu Mekuria
V2	2023-08-30	Updated Section 6, 9, & 10	Tewodros Woldemichael

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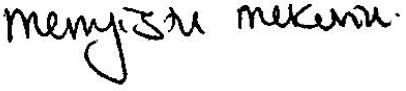
1. ATTESTATION OF TEST RESULTS

Applicant Name and Address	APPLE, INC 1 APPLE PARK WAY CUPERTINO, CA 95014, U.S.A.
Model	A2849
Brand	APPLE
FCC ID	BCG-E8439A
EUT Description	SMARTPHONE
Serial Number	PV2DL69JHL, MN6T009G39, C07GVM000FQ000046Y (CONDUCTED) AND T5H7TDK9CW, FNVV33XXWW, P94NWV9KXQ(RADIATED)
Sample Receipt Date	2023-03-24
Date Tested	2023-03-24 to 2023-07-29
Applicable Standards	FCC 47 CFR PART2, 22H, 24E, 27, 90R, 90S, AND 96
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. This report must not be used by the client to claim product certification, approval, or endorsement by A2LA, NIST, any agency of the Federal Government, or any agency of the U.S. government.

Approved & Released By:	Reviewed By:	Prepared By:
		
Mengistu Mekuria Operations Leader UL Verification Services Inc.	Tewodros Woldemichael Laboratory Engineer UL Verification Services Inc.	Binod Sitaula Laboratory Engineer Associate UL Verification Services Inc.

2. SUMMARY OF TEST RESULTS

This report contains data provided by the customer which can impact the validity of results. UL Verification Services Inc. is only responsible for the validity of results after the integration of data provided by the customer.
Below is a list of the data provided by the customer:

1. Antenna gain and type (see section 6.4)

Requirement Description	Band	Requirement Clause Number (FCC)	Result*	Remarks
RF Conducted Output Power	26 (90S)	2.1046 , 90.635 (b)	Complies	
Effective Radiated Power	5	22.913 (a)(5)	Complies	
	12	27.50 (c) (10)	Complies	
	13	27.50 (b) (10)	Complies	
	14	90.541 (d)	Complies	
	17	27.50 (c) (10)	Complies	
	71	27.50 (c) (10)	Complies	
Equivalent Isotropic Radiated Power	2, 25	24.232 (c)	Complies	
	4, 66	27.50 (d) (4)	Complies	
	70	27.50 (d) (4)	Complies	
	30	27.50 (a) (3)	Complies	
	7, 41, 38	27.50 (h) (2)	Complies	
	48	96.41 (b)	Complies	
	77	96.41 (b), 27.50 (j) (3), (k) (3)	Complies	

Requirement Description	Requirement Clause Number (FCC)	Result*	Remarks
Occupied Bandwidth	2.1049	Compiles	
Band Edge and Emission Mask	2.1051, 22.917 (a), 24.238 (a), 27.53 (h), 27.53 (m)(4) & (m)(6), 96.41(e) , 27.53 (g), 27.53 (c) (f), 27.53(a), 27.53(l), 90.543 (e)(f), 90.691 (a), 96.41(e)	Compiles	
Out of Band Emissions	2.1051, 22.917 (a), 24.238 (a), 27.53 (h), 27.53 (m)(4) & (m)(6), 96.41(e) , 27.53 (g), 27.53 (c) (f), 27.53(a), 27.53(l), 90.543 (e)(f), 90.691 (a), 96.41(e)	Compiles	
Frequency Stability	2.1055, 22.355, 24.235, 27.54, 90.539, 90.213	Compiles	
Peak-to-Average Ratio	22.913 (d), 24.232 (d), 27.50 (d)(5), 27.50 (j) (4), 96.41 (g)	Compiles	
Field Strength of Spurious Radiation	2.1053, 22.917 (a), 24.238 (a), 27.53 (h), 27.53 (m)(4) & (m)(6), 96.41(e) , 27.53 (g), 27.53 (c) (f), 27.53(a), 27.53(l), 90.543 (e)(f), 90.691 (a), 96.41(e)	Compiles	

3. TEST METHODOLOGY

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

- ANSI C63.26:2015
- FCC 47 CFR Part 2, Part 22, Part 24, Part 27, Part 90, and Part 96
- FCC KDB 971168 D01 v03r01: Power Meas License Digital Systems
- FCC KDB 971168 D02 v02r02: Misc Rev Approv License Devices
- FCC KDB 412172 D01 v01r01. Determining ERP and EIRP

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
Power Spectral Density	2.466
Time Domain Measurements Using SA	3.39
RF Power Measurement Direct Method Using Power Meter	0.450 Peak; 1.300 Ave.
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, UMTS, LTE, 5GNR1, 5GNR2, IEEE 802.11a/b/g/n/ac/ax, Bluetooth (BT), Ultra-Wideband (UWB), GPS, NFC, NB UNII, 802.15.4ab-NB and MSS technologies. The rechargeable battery is not user accessible.

6.2. MAXIMUM OUTPUT POWER

EIRP/ERP TEST PROCEDURE

ANSI C63.26:2015
KDB 971168 D01 Section 5.6

ERP/EIRP = PMeas + GT − 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	
EIRP Limit (W)	2.00
Antenna Gain (dBi)_Ant(3)	-2.40

3	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (kHz)	Emission Designator
5.0	QPSK	2502.5	2567.5	25.00	22.60	0.182	4503	4M50G7W
	16QAM			24.34	21.94	0.156	4501	4M50D7W
10.0	QPSK	2505.0	2565.0	25.00	22.60	0.182	8985	8M99G7W
	16QAM			24.33	21.93	0.156	8994	8M99D7W
15.0	QPSK	2507.5	2562.5	25.00	22.60	0.182	13479	13M5G7W
	16QAM			24.28	21.88	0.154	13477	13M5D7W
20.0	QPSK	2510.0	2560.0	25.00	22.60	0.182	17936	17M9G7W
	16QAM			24.58	22.18	0.165	17968	18M0D7W

5G NR n7

Part 27	
EIRP Limit (W)	2.00
Antenna Gain (dBi)_Ant(3)	-2.40

Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (kHz)	Emission Designator
5.0	BPSK	2502.5	2567.5	24.80	22.40	0.174	4499	4M50G7W
	QPSK			25.00	22.60	0.182	4489	4M49G7W
	16QAM			24.18	21.78	0.151	4470	4M47D7W
10.0	BPSK	2505.0	2565.0	24.97	22.57	0.181	8962	8M96G7W
	QPSK			25.00	22.60	0.182	8958	8M96G7W
	16QAM			24.21	21.81	0.152	8938	8M94D7W
15.0	BPSK	2507.5	2562.5	25.00	22.60	0.182	13454	13M5G7W
	QPSK			25.00	22.60	0.182	13417	13M4G7W
	16QAM			24.65	22.25	0.168	13423	13M4D7W
20.0	BPSK	2510.0	2560.0	24.90	22.50	0.178	17912	17M9G7W
	QPSK			25.00	22.60	0.182	17895	17M9G7W
	16QAM			24.22	21.82	0.152	17936	17M9D7W
25.0	BPSK	2512.5	2557.5	24.93	22.53	0.179	22937	22M9G7W
	QPSK			25.00	22.60	0.182	22931	22M9G7W
	16QAM			24.28	21.88	0.154	22844	22M8D7W
30.0	BPSK	2515.0	2555.0	25.00	22.60	0.182	28614	28M6G7W
	QPSK			24.97	22.57	0.181	28527	28M5G7W
	16QAM			24.31	21.91	0.155	28685	28M7D7W
40.0	BPSK	2520.0	2550.0	24.98	22.58	0.181	32276	32M3G7W
	QPSK			25.00	22.60	0.182	32119	32M1G7W
	16QAM			24.71	22.31	0.170	32182	32M2D7W
50.0	BPSK	2525.0	2545.0	25.00	22.60	0.182	38544	38M5G7W
	QPSK			24.84	22.44	0.175	38632	38M6G7W
	16QAM			24.55	22.15	0.164	38702	38M7D7W

LTE BAND 12

Part 27	
ERP Limit (W)	3.00
Antenna Gain (dBi)_Ant(1)	-5.20

3	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	ERP Average (dBm)	ERP Average (W)	99% BW (kHz)	Emission Designator
1.4	QPSK	699.7	715.3	25.70	18.35	0.068	1094	1M09G7W
	16QAM			25.17	17.82	0.061	1090	1M09D7W
3.0	QPSK	700.5	714.5	25.70	18.35	0.068	2701	2M70G7W
	16QAM			25.41	18.06	0.064	2705	2M71D7W
5.0	QPSK	701.5	713.5	25.70	18.35	0.068	4506	4M51G7W
	16QAM			25.40	18.05	0.064	4499	4M50D7W
10.0	QPSK	704.0	711.0	25.70	18.35	0.068	8974	8M97G7W
	16QAM			25.45	18.10	0.065	8978	8M98D7W

5G NR n12

Part 27	
ERP Limit (W)	3.00
Antenna Gain (dBi)_Ant(1)	-5.20

Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	ERP Average (dBm)	ERP Average (W)	99% BW (kHz)	Emission Designator
5.0	BPSK	701.5	713.5	25.70	18.35	0.068	4468	4M47G7W
	QPSK			25.63	18.28	0.067	4471	4M47G7W
	16QAM			25.11	17.76	0.060	4479	4M48D7W
10.0	BPSK	704.0	711.0	25.70	18.35	0.068	8924	8M92G7W
	QPSK			25.67	18.32	0.068	8934	8M93G7W
	16QAM			25.10	17.75	0.060	8934	8M93D7W
15.0	BPSK	706.5	708.5	25.66	18.31	0.068	13363	13M4G7W
	QPSK			25.70	18.35	0.068	13444	13M4G7W
	16QAM			24.89	17.54	0.057	13433	13M4D7W

LTE BAND 13

Part 27	
ERP Limit (W)	3.00
Antenna Gain (dBi)_Ant(1)	-5.20

Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	ERP Average (dBm)	ERP Average (W)	99% BW (kHz)	Emission Designator
5.0	QPSK	779.5	784.5	25.70	18.35	0.068	4498	4M50G7W
	16QAM			25.47	18.12	0.065	4497	4M50D7W
10.0	QPSK	782.0	782.0	25.70	18.35	0.068	8955	8M96G7W
	16QAM			25.40	18.05	0.064	8954	8M95D7W

LTE BAND 14

Part 90R	
ERP Limit (W)	3.00
Antenna Gain (dBi)_Ant(1)	-5.20

Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	ERP Average (dBm)	ERP Average (W)	99% BW (kHz)	Emission Designator
5.0	QPSK	790.5	795.5	25.70	18.35	0.068	4499	4M50G7W
	16QAM			25.39	18.04	0.064	4505	4M51D7W
10.0	QPSK	793.0	793.0	25.70	18.35	0.068	8958	8M96G7W
	16QAM			25.31	17.96	0.063	8959	8M96D7W

5G NR n14

Part 90R	
ERP Limit (W)	3.00
Antenna Gain (dBi)_Ant(1)	-5.20

Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	ERP Average (dBm)	ERP Average (W)	99% BW (kHz)	Emission Designator
5.0	BPSK	790.5	795.5	25.70	18.35	0.068	4492	4M49G7W
	QPSK			25.68	18.33	0.068	4482	4M48G7W
	16QAM			25.04	17.69	0.059	4481	4M48D7W
10.0	BPSK	793.0	793.0	25.69	18.34	0.068	8938	8M94G7W
	QPSK			25.70	18.35	0.068	8946	8M95G7W
	16QAM			25.03	17.68	0.059	8939	8M94D7W

LTE BAND 17

Part 27	
ERP Limit (W)	3.00
Antenna Gain (dBi)_Ant(1)	-5.20

Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	ERP Average (dBm)	ERP Average (W)	99% BW (kHz)	Emission Designator
5.0	QPSK	706.5	713.5	25.70	18.35	0.068	4491	4M49G7W
	16QAM			25.42	18.07	0.064	4508	4M51D7W
10.0	QPSK	709.0	711.0	25.70	18.35	0.068	8952	8M95G7W
	16QAM			25.42	18.07	0.064	8990	8M99D7W

LTE BAND 25

Part 24	
EIRP Limit (W)	2.00
Antenna Gain (dBi)_Ant(3)	-1.00

Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (kHz)	Emission Designator
1.4	QPSK	1850.7	1914.3	25.50	24.50	0.282	1088	1M09G7W
	16QAM			24.95	23.95	0.248	1092	1M09D7W
3.0	QPSK	1851.5	1913.5	25.50	24.50	0.282	2695	2M70G7W
	16QAM			24.92	23.92	0.247	2700	2M70D7W
5.0	QPSK	1852.5	1912.5	25.50	24.50	0.282	4495	4M50G7W
	16QAM			24.91	23.91	0.246	4500	4M50D7W
10.0	QPSK	1855.0	1910.0	25.50	24.50	0.282	8976	8M98G7W
	16QAM			24.94	23.94	0.248	8987	8M99D7W
15.0	QPSK	1857.5	1907.5	25.50	24.50	0.282	13465	13M5G7W
	16QAM			24.84	23.84	0.242	13447	13M4D7W
20.0	QPSK	1860.0	1905.0	25.50	24.50	0.282	17922	17M9G7W
	16QAM			25.03	24.03	0.253	17949	17M9D7W

5G NR n25

Part 24	
EIRP Limit (W)	2.00
Antenna Gain (dBi)_Ant(3)	-1.00

Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (kHz)	Emission Designator
5.0	BPSK	1852.5	1912.5	25.50	24.50	0.282	4475	4M48G7W
	QPSK			25.47	24.47	0.280	4461	4M46G7W
	16QAM			24.70	23.70	0.234	4473	4M47D7W
10.0	BPSK	1855.0	1910.0	25.37	24.37	0.274	8967	8M97G7W
	QPSK			25.50	24.50	0.282	8959	8M96G7W
	16QAM			24.80	23.80	0.240	8974	8M97D7W
15.0	BPSK	1857.5	1907.5	25.36	24.36	0.273	13423	13M4G7W
	QPSK			25.50	24.50	0.282	13424	13M4G7W
	16QAM			24.58	23.58	0.228	13401	13M4D7W
20.0	BPSK	1860.0	1905.0	25.33	24.33	0.271	17856	17M9G7W
	QPSK			25.50	24.50	0.282	17949	17M9G7W
	16QAM			24.96	23.96	0.249	17809	17M8D7W
25.0	BPSK	1862.5	1902.5	25.45	24.45	0.279	22950	23M0G7W
	QPSK			25.50	24.50	0.282	22920	22M9G7W
	16QAM			24.85	23.85	0.243	22881	22M9D7W
30.0	BPSK	1865.0	1900.0	25.50	24.50	0.282	28586	28M6G7W
	QPSK			24.90	23.90	0.245	28557	28M6G7W
	16QAM			23.74	22.74	0.188	28562	28M6D7W
35.0	BPSK	1867.5	1897.5	25.50	24.50	0.282	32198	32M2D7W
	QPSK			25.34	24.34	0.272	32180	32M2D7W
	16QAM			24.84	23.84	0.242	32104	32M1D7W
40.0	BPSK	1870.0	1895.0	25.50	24.50	0.282	38587	38M6G7W
	QPSK			25.43	24.43	0.277	38596	38M6G7W
	16QAM			25.06	24.06	0.255	38563	38M6D7W

LTE BAND 26 (Part 90S)

Part 90S	
Conducted Limit (W)	100.00
Antenna Gain (dBi)_Ant(1)	-5.50

Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	Conducted Average (W)	ERP Average (dBm)	ERP Average (W)	99% BW (kHz)	Emission Designator
1.4	QPSK	814.7	823.3	25.70	0.37	18.05	0.064	1091	1M09G7W
	16QAM			24.86	0.31	17.21	0.053	1094	1M09D7W
3.0	QPSK	815.5	822.5	25.70	0.37	18.05	0.064	2698	2M70G7W
	16QAM			25.19	0.33	17.54	0.057	2710	2M71D7W
5.0	QPSK	816.5	821.5	25.70	0.37	18.05	0.064	4511	4M51G7W
	16QAM			25.17	0.33	17.52	0.056	4504	4M50D7W
10.0	QPSK	819.0	819.0	25.70	0.37	18.05	0.064	8984	8M98G7W
	16QAM			25.04	0.32	17.39	0.055	8971	8M97D7W

5G NR n26 (Part 90S)

Part 90S	
Conducted Limit (W)	100.00
Antenna Gain (dBi)_Ant(1)	-5.50

Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	Conducted Average (W)	ERP Average (dBm)	ERP Average (W)	99% BW (kHz)	Emission Designator
5.0	BPSK	816.5	821.5	25.65	0.37	18.00	0.063	4485	4M49G7W
	QPSK			25.70	0.37	18.05	0.064	4485	4M49G7W
	16QAM			25.10	0.32	17.45	0.056	4470	4M47D7W
10.0	BPSK	819.0	819.0	25.69	0.37	18.04	0.064	8923	8M92G7W
	QPSK			25.70	0.37	18.05	0.064	8945	8M95G7W
	16QAM			25.02	0.32	17.37	0.055	8988	8M99D7W

LTE BAND 26 (Part 22)

Part 22	
ERP Limit (W)	7.00
Antenna Gain (dBi)_Ant(1)	-5.50

Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	ERP Average (dBm)	ERP Average (W)	99% BW (kHz)	Emission Designator
1.4	QPSK	824.7	848.3	25.70	18.05	0.064	1091	1M09G7W
	16QAM			25.25	17.60	0.058	1096	1M10D7W
3.0	QPSK	825.5	847.5	25.70	18.05	0.064	2678	2M68G7W
	16QAM			25.39	17.74	0.059	2705	2M71D7W
5.0	QPSK	826.5	846.5	25.70	18.05	0.064	4503	4M50G7W
	16QAM			25.41	17.76	0.060	4504	4M50D7W
10.0	QPSK	829.0	844.0	25.70	18.05	0.064	8966	8M97G7W
	16QAM			25.34	17.69	0.059	8983	8M98D7W

5G NR n26 (Part 22)

Part 22	
ERP Limit (W)	7.00
Antenna Gain (dBi)_Ant(1)	-5.50

Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	ERP Average (dBm)	ERP Average (W)	99% BW (kHz)	Emission Designator
5.0	BPSK	826.5	846.5	25.66	18.01	0.063	4510	4M51G7W
	QPSK			25.70	18.05	0.064	4497	4M50G7W
	16QAM			25.06	17.41	0.055	4477	4M48D7W
10.0	BPSK	829.0	844.0	25.59	17.94	0.062	8942	8M94G7W
	QPSK			25.70	18.05	0.064	8994	8M99G7W
	16QAM			25.43	17.78	0.060	8952	8M95D7W
15.0	BPSK	816.5	841.5	25.62	17.97	0.063	13420	13M4G7W
	QPSK			25.70	18.05	0.064	13468	13M5G7W
	16QAM			24.85	17.20	0.052	13395	13M4D7W
20.0	BPSK	814.0	839.0	25.68	18.03	0.064	17871	17M9G7W
	QPSK			25.70	18.05	0.064	17881	17M9G7W
	16QAM			25.03	17.38	0.055	17856	17M9D7W

LTE BAND 30

Part 27	
EIRP Limit (W)	0.25
Antenna Gain (dBi)_Ant(1)	-3.20

Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (kHz)	Emission Designator
5.0	QPSK	2307.5	2312.5	25.70	22.50	0.178	4510	4M51G7W
	16QAM			25.19	21.99	0.158	4509	4M51D7W
10.0	QPSK	2310.0	2310.0	25.70	22.50	0.178	8996	9M00G7W
	16QAM			25.17	21.97	0.157	8977	8M98D7W

5G NR n30

Part 27	
EIRP Limit (W)	0.25
Antenna Gain (dBi)_Ant(1)	-3.20

Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (kHz)	Emission Designator
5.0	BPSK	2307.5	2312.5	25.20	22.00	0.158	4499	4M50G7W
	QPSK			24.73	21.53	0.142	4474	4M47G7W
	16QAM			23.73	20.53	0.113	4482	4M48D7W
10.0	BPSK	2310.0	2310.0	25.20	22.00	0.158	8934	8M93G7W
	QPSK			24.73	21.53	0.142	8962	8M96G7W
	16QAM			23.77	20.57	0.114	9008	9M01D7W

LTE BAND 41

Part 27	
EIRP Limit (W)	2.00
Antenna Gain (dBi)_Ant(2)	-1.90

Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (kHz)	Emission Designator
5.0	QPSK	2498.5	2687.5	28.70	26.80	0.479	4486	4M49G7W
	16QAM			27.85	25.95	0.394	4483	4M48D7W
10.0	QPSK	2501.0	2685.0	28.70	26.80	0.479	8995	9M00G7W
	16QAM			27.70	25.80	0.380	9011	9M01D7W
15.0	QPSK	2503.5	2682.5	28.70	26.80	0.479	13447	13M4G7W
	16QAM			27.72	25.82	0.382	13488	13M5D7W
20.0	QPSK	2506.0	2680.0	28.70	26.80	0.479	17943	17M9G7W
	16QAM			27.92	26.02	0.400	17929	17M9D7W

5G NR n41

Part 27	
EIRP Limit (W)	2.00
Antenna Gain (dBi)_Ant(2)	-1.90

Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (kHz)	Emission Designator
10.0	BPSK	2501.0	2685.0	28.52	26.62	0.459	8652	8M65G7W
	QPSK			28.70	26.80	0.479	8602	8M60G7W
	16QAM			27.80	25.90	0.389	8596	8M60D7W
15.0	BPSK	2503.5	2682.5	28.55	26.65	0.462	12924	12M9G7W
	QPSK			28.70	26.80	0.479	12954	13M0G7W
	16QAM			27.66	25.76	0.377	12906	12M9D7W
20.0	BPSK	2506.5	2680.0	28.60	26.70	0.468	17938	17M9G7W
	QPSK			28.70	26.80	0.479	17912	17M9G7W
	16QAM			27.90	26.00	0.398	17953	18M0D7W
30.0	BPSK	2511.0	2675.0	28.70	26.80	0.479	26942	26M9G7W
	QPSK			28.66	26.76	0.474	27078	27M1G7W
	16QAM			27.93	26.03	0.401	26837	26M8D7W
40.0	BPSK	2516.0	2670.0	28.66	26.76	0.474	35892	35M9G7W
	QPSK			28.70	26.80	0.479	35850	35M9G7W
	16QAM			28.15	26.25	0.422	35740	35M7D7W
50.0	BPSK	2521.0	2665.0	28.70	26.80	0.479	45845	45M8G7W
	QPSK			28.40	26.50	0.447	45837	45M8G7W
	16QAM			27.79	25.89	0.388	45732	45M7D7W
60.0	BPSK	2526.0	2660.0	28.70	26.80	0.479	57903	57M9G7W
	QPSK			28.52	26.62	0.459	57736	57M7G7W
	16QAM			28.23	26.33	0.430	58009	58M0D7W
70.0	BPSK	2531.0	2655.0	28.70	26.80	0.479	64545	64M5G7W
	QPSK			28.55	26.65	0.462	64322	64M3G7W
	16QAM			28.11	26.21	0.418	64535	64M5D7W
80.0	BPSK	2536.0	2650.0	28.70	26.80	0.479	77127	77M1G7W
	QPSK			28.44	26.54	0.451	77121	77M1G7W
	16QAM			27.89	25.99	0.397	77092	77M1D7W
90.0	BPSK	2541.0	2645.0	28.70	26.80	0.479	86851	86M9G7W
	QPSK			28.58	26.68	0.466	86934	86M9G7W
	16QAM			28.43	26.53	0.450	87148	87M1D7W
100.0	BPSK	2546.0	2640.0	28.70	26.80	0.479	96444	96M4G7W
	QPSK			28.46	26.56	0.453	96778	96M8G7W
	16QAM			28.39	26.49	0.446	96380	96M4D7W

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LOW CHANNEL

Part 96	
EIRP Limit (W)/ 10MHz	0.20
Antenna Gain (dBi)_Ant(4)	-3.30

Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (kHz)	Emission Designator
5.0	QPSK	3552.5	3697.5	25.20	21.90	0.155	4484	4M48G7W
	16QAM			24.74	21.44	0.139	4456	4M46D7W
10.0	QPSK	3555.0	3695.0	25.20	21.90	0.155	8937	8M94G7W
	16QAM			24.60	21.30	0.135	8943	8M94D7W
15.0	QPSK	3557.5	3692.5	25.20	21.90	0.155	13312	13M3G7W
	16QAM			24.51	21.21	0.132	13372	13M4D7W
20.0	QPSK	3560.0	3690.0	25.20	21.90	0.155	17946	17M9G7W
	16QAM			24.65	21.35	0.136	17979	18M0D7W

MIDDLE CHANNEL

Part 96	
EIRP Limit (W)/ 10MHz	0.20
Antenna Gain (dBi)_Ant(7)	-3.80

Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (kHz)	Emission Designator
5.0	QPSK	3552.5	3697.5	26.00	22.20	0.166	4484	4M48G7W
	16QAM			25.50	21.70	0.148	4456	4M46D7W
10.0	QPSK	3555.0	3695.0	26.00	22.20	0.166	8937	8M94G7W
	16QAM			25.38	21.58	0.144	8943	8M94D7W
15.0	QPSK	3557.5	3692.5	26.00	22.20	0.166	13312	13M3G7W
	16QAM			25.44	21.64	0.146	13372	13M4D7W
20.0	QPSK	3560.0	3690.0	26.00	22.20	0.166	17946	17M9G7W
	16QAM			25.54	21.74	0.149	17979	18M0D7W

HIGH CHANNEL

Part 96	
EIRP Limit (W)/ 10MHz	0.20
Antenna Gain (dBi)_Ant(8)	-3.20

Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (kHz)	Emission Designator
5.0	QPSK	3552.5	3697.5	25.60	22.40	0.174	4484	4M48G7W
	16QAM			25.44	22.24	0.167	4456	4M46D7W
10.0	QPSK	3555.0	3695.0	25.60	22.40	0.174	8937	8M94G7W
	16QAM			25.40	22.20	0.166	8943	8M94D7W
15.0	QPSK	3557.5	3692.5	25.60	22.40	0.174	13312	13M3G7W
	16QAM			25.31	22.11	0.163	13372	13M4D7W
20.0	QPSK	3560.0	3690.0	25.60	22.40	0.174	17946	17M9G7W
	16QAM			25.47	22.27	0.169	17979	18M0D7W

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LOW CHANNEL

Part 96	
EIRP Limit (W)	0.20
Antenna Gain (dBi)_Ant(4)	-3.30

Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (kHz)	Emission Designator
10.0	BPSK	3555.0	3695.0	25.18	21.88	0.154	8656	8M66G7W
	QPSK			25.20	21.90	0.155	8644	8M64G7W
	16QAM			24.62	21.32	0.136	8609	8M61D7W
15.0	BPSK	3557.5	3692.5	25.11	21.81	0.152	12880	12M9D7W
	QPSK			25.20	21.90	0.155	12879	12M9D7W
	16QAM			24.67	21.37	0.137	12921	12M9D7W
20.0	BPSK	3560.0	3690.0	25.20	21.90	0.155	17909	17M9D7W
	QPSK			25.12	21.82	0.152	17850	17M9D7W
	16QAM			24.58	21.28	0.134	17909	17M9D7W
30.0	BPSK	3565.0	3685.0	25.19	21.89	0.155	26939	26M9D7W
	QPSK			25.20	21.90	0.155	26816	26M8D7W
	16QAM			24.64	21.34	0.136	26951	27M0D7W
40.0	BPSK	3570.0	3680.0	25.05	21.75	0.150	35818	35M8D7W
	QPSK			25.20	21.90	0.155	35680	35M7D7W
	16QAM			24.16	20.86	0.122	35628	35M6D7W

MIDDLE CHANNEL

Part 96	
EIRP Limit (W)	0.20
Antenna Gain (dBi)_Ant(7)	-3.80

Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (kHz)	Emission Designator
10.0	BPSK	3555.0	3695.0	26.00	22.20	0.166	8656	8M66G7W
	QPSK			25.93	22.13	0.163	8644	8M64G7W
	16QAM			25.02	21.22	0.132	8609	8M61D7W
15.0	BPSK	3557.5	3692.5	25.94	22.14	0.164	12880	12M9D7W
	QPSK			26.00	22.20	0.166	12879	12M9D7W
	16QAM			24.98	21.18	0.131	12921	12M9D7W
20.0	BPSK	3560.0	3690.0	25.97	22.17	0.165	17909	17M9G7W
	QPSK			26.00	22.20	0.166	17850	17M9G7W
	16QAM			24.90	21.10	0.129	17909	17M9D7W
30.0	BPSK	3565.0	3685.0	25.97	22.17	0.165	26939	26M9G7W
	QPSK			26.00	22.20	0.166	26816	26M8G7W
	16QAM			24.74	20.94	0.124	26951	27M0D7W
40.0	BPSK	3570.0	3680.0	26.00	22.20	0.166	35818	35M8G7W
	QPSK			25.85	22.05	0.160	35680	35M7G7W
	16QAM			24.75	20.95	0.124	35628	35M6D7W

HIGH CHANNEL

Part 96	
EIRP Limit (W)	0.20
Antenna Gain (dBi)_Ant(8)	-3.20

Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (kHz)	Emission Designator
10.0	BPSK	3555.0	3695.0	25.57	22.37	0.173	8656	8M66G7W
	QPSK			25.60	22.40	0.174	8644	8M64G7W
	16QAM			24.84	21.64	0.146	8609	8M61D7W
15.0	BPSK	3557.5	3692.5	25.56	22.36	0.172	12880	12M9D7W
	QPSK			25.60	22.40	0.174	12879	12M9D7W
	16QAM			24.87	21.67	0.147	12921	12M9D7W
20.0	BPSK	3560.0	3690.0	25.60	22.40	0.174	17909	17M9G7W
	QPSK			25.55	22.35	0.172	17850	17M9G7W
	16QAM			24.43	21.23	0.133	17909	17M9D7W
30.0	BPSK	3565.0	3685.0	25.56	22.36	0.172	26939	26M9G7W
	QPSK			25.60	22.40	0.174	26816	26M8G7W
	16QAM			24.62	21.42	0.139	26951	27M0D7W
40.0	BPSK	3570.0	3680.0	25.30	22.10	0.162	35818	35M8G7W
	QPSK			25.60	22.40	0.174	35680	35M7G7W
	16QAM			24.61	21.41	0.138	35628	35M6D7W

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Part 27	
EIRP Limit (W)	1.00
Antenna Gain (dBi)_Ant(4)	-1.30

Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (kHz)	Emission Designator
1.4	QPSK	1710.7	1779.3	25.20	23.90	0.245	1094	1M09G7W
	16QAM			24.58	23.28	0.213	1096	1M10D7W
3.0	QPSK	1711.5	1778.5	25.20	23.90	0.245	2704	2M70G7W
	16QAM			24.56	23.26	0.212	2706	2M71D7W
5.0	QPSK	1712.5	1777.5	25.20	23.90	0.245	4500	4M50G7W
	16QAM			24.69	23.39	0.218	4495	4M50D7W
10.0	QPSK	1715.0	1775.0	25.20	23.90	0.245	8968	8M97G7W
	16QAM			24.50	23.20	0.209	8980	8M98D7W
15.0	QPSK	1717.5	1772.5	25.20	23.90	0.245	13461	13M5G7W
	16QAM			24.57	23.27	0.212	13462	13M5D7W
20.0	QPSK	1720.0	1770.0	25.20	23.90	0.245	17951	18M0G7W
	16QAM			24.52	23.22	0.210	17950	18M0D7W

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Part 27	
EIRP Limit (W)	1.00
Antenna Gain (dBi)_Ant(4)	-1.30

Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (kHz)	Emission Designator
5.0	BPSK	1712.5	1777.5	25.16	23.86	0.243	4490	4M49G7W
	QPSK			25.20	23.90	0.245	4488	4M49G7W
	16QAM			24.81	23.51	0.224	4493	4M49D7W
10.0	BPSK	1715.0	1775.0	25.20	23.90	0.245	8925	8M93G7W
	QPSK			25.18	23.88	0.244	8958	8M96G7W
	16QAM			24.84	23.54	0.226	8955	8M96D7W
15.0	BPSK	1717.5	1772.5	25.20	23.90	0.245	13458	13M5G7W
	QPSK			25.14	23.84	0.242	13398	13M4G7W
	16QAM			24.56	23.26	0.212	13430	13M4D7W
20.0	BPSK	1720.0	1770.0	25.15	23.85	0.243	17910	17M9G7W
	QPSK			25.20	23.90	0.245	17865	17M9G7W
	16QAM			24.75	23.45	0.221	17887	17M9D7W
25.0	BPSK	1722.5	1767.5	25.10	23.80	0.240	22872	22M9D7W
	QPSK			25.20	23.90	0.245	22907	22M9D7W
	16QAM			24.45	23.15	0.207	22897	22M9D7W
30.0	BPSK	1725.0	1765.0	25.16	23.86	0.243	28641	28M6D7W
	QPSK			25.20	23.90	0.245	28565	28M6D7W
	16QAM			24.84	23.54	0.226	28526	28M5D7W
35.0	BPSK	1727.5	1762.5	25.18	23.88	0.244	32214	32M2D7W
	QPSK			25.20	23.90	0.245	32205	32M2D7W
	16QAM			24.16	22.86	0.193	32178	32M2D7W
40.0	BPSK	1730.0	1760.0	25.11	23.81	0.240	38620	38M6G7W
	QPSK			25.20	23.90	0.245	38658	38M7G7W
	16QAM			24.61	23.31	0.214	38546	38M5D7W

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Part 27	
EIRP Limit (W)	1.00
Antenna Gain (dBi)_Ant(4)	-0.90

Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (kHz)	Emission Designator
5.0	BPSK	1697.5	1707.5	25.20	24.30	0.269	4499	4M50G7W
	QPSK			25.10	24.20	0.263	4498	4M50G7W
	16QAM			24.66	23.76	0.238	4493	4M49D7W
10.0	BPSK	1700.0	1705.0	25.16	24.26	0.267	8984	8M98G7W
	QPSK			25.20	24.30	0.269	8953	8M95G7W
	16QAM			24.83	23.93	0.247	8956	8M96D7W
15.0	BPSK	1702.5	1702.5	25.10	24.20	0.263	13448	13M4G7W
	QPSK			25.20	24.30	0.269	13403	13M4G7W
	16QAM			24.49	23.59	0.229	13427	13M4D7W

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Part 27	
ERP Limit (W)	3.00
Antenna Gain (dBi)_Ant(2)	-5.10

Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	ERP Average (dBm)	ERP Average (W)	99% BW (kHz)	Emission Designator
5.0	QPSK	665.5	695.5	24.70	17.45	0.056	4501	4M50G7W
	16QAM			24.10	16.85	0.048	4504	4M50D7W
10.0	QPSK	668.0	693.0	24.70	17.45	0.056	8961	8M96G7W
	16QAM			24.12	16.87	0.049	8978	8M98D7W
15.0	QPSK	670.5	690.5	24.70	17.45	0.056	13436	13M4G7W
	16QAM			24.01	16.76	0.047	13436	13M4D7W
20.0	QPSK	673.0	688.0	24.70	17.45	0.056	17902	17M9G7W
	16QAM			24.22	16.97	0.050	17898	17M9D7W

5G NR n71

Part 27	
ERP Limit (W)	3.00
Antenna Gain (dBi)_Ant(2)	-5.10

Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	ERP Average (dBm)	ERP Average (W)	99% BW (kHz)	Emission Designator
5.0	BPSK	665.5	695.5	24.70	17.45	0.056	4478	4M48G7W
	QPSK			24.22	16.97	0.050	4498	4M50G7W
	16QAM			23.03	15.78	0.038	4484	4M48D7W
10.0	BPSK	668.0	693.0	24.60	17.35	0.054	8965	8M97G7W
	QPSK			24.70	17.45	0.056	8953	8M95G7W
	16QAM			24.07	16.82	0.048	8899	8M90D7W
15.0	BPSK	670.5	690.5	24.68	17.43	0.055	13415	13M4D7W
	QPSK			24.70	17.45	0.056	13404	13M4D7W
	16QAM			24.44	17.19	0.052	13406	13M4D7W
20.0	BPSK	673.0	688.0	24.59	17.34	0.054	17841	17M8G7W
	QPSK			24.70	17.45	0.056	17859	17M9G7W
	16QAM			24.17	16.92	0.049	17808	17M8D7W

5G NR n77 (Part 27 3450-3550MHz)

Part 27	
EIRP Limit (W)	1.00
Antenna Gain (dBi)_Ant(9)	-6.90

Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (kHz)	Emission Designator
10.0	BPSK	3455.0	3545.0	28.70	21.80	0.151	8634	8M63G7W
	QPSK			28.62	21.72	0.149	8624	8M62G7W
	16QAM			27.99	21.09	0.129	8594	8M59D7W
15.0	BPSK	3457.5	3542.5	28.62	21.72	0.149	12933	12M9G7W
	QPSK			28.70	21.80	0.151	12943	12M9G7W
	16QAM			28.27	21.37	0.137	12927	12M9D7W
20.0	BPSK	3460.0	3540.0	28.64	21.74	0.149	17851	17M9G7W
	QPSK			28.70	21.80	0.151	17859	17M9G7W
	16QAM			28.26	21.36	0.137	17902	17M9D7W
30.0	BPSK	3465.0	3535.0	28.70	21.80	0.151	26880	26M9G7W
	QPSK			28.52	21.62	0.145	26904	26M9G7W
	16QAM			27.73	20.83	0.121	26839	26M8D7W
40.0	BPSK	3470.0	3530.0	28.70	21.80	0.151	35704	35M7G7W
	QPSK			28.63	21.73	0.149	35685	35M7G7W
	16QAM			28.36	21.46	0.140	35794	35M8D7W
50.0	BPSK	3475.0	3525.0	28.54	21.64	0.146	45789	45M8G7W
	QPSK			28.70	21.80	0.151	45712	45M7G7W
	16QAM			27.76	20.86	0.122	45655	45M7D7W
60.0	BPSK	3480.0	3520.0	28.70	21.80	0.151	57817	57M8G7W
	QPSK			28.63	21.73	0.149	57984	58M0G7W
	16QAM			27.86	20.96	0.125	57955	58M0D7W
70.0	BPSK	3485.0	3515.0	28.57	21.67	0.147	64517	64M5G7W
	QPSK			28.70	21.80	0.151	64311	64M3G7W
	16QAM			27.87	20.97	0.125	64270	64M3D7W
80.0	BPSK	3490.0	3510.0	28.58	21.68	0.147	77163	77M2G7W
	QPSK			28.70	21.80	0.151	77164	77M2G7W
	16QAM			28.09	21.19	0.132	77132	77M1D7W
90.0	BPSK	3495.0	3505.0	28.61	21.71	0.148	86840	86M8G7W
	QPSK			28.70	21.80	0.151	86747	86M7G7W
	16QAM			27.94	21.04	0.127	87010	87M0D7W
100.0	BPSK	3500.0	3500.0	28.70	21.80	0.151	96430	96M4G7W
	QPSK			28.51	21.61	0.145	96444	96M4G7W
	16QAM			28.42	21.52	0.142	96590	96M6D7W

5G NR n77 (Part 27 3700-3980MHz)

Part 27	
EIRP Limit (W)	1.00
Antenna Gain (dBi)_Ant(9)	-5.30

Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (kHz)	Emission Designator
10.0	BPSK	3705.0	3975.0	28.70	23.40	0.219	8606	8M61G7W
	QPSK			28.65	23.35	0.216	8538	8M54G7W
	16QAM			27.95	22.65	0.184	8565	8M57D7W
15.0	BPSK	3707.5	3972.5	28.70	23.40	0.219	12867	12M9G7W
	QPSK			28.68	23.38	0.218	12936	12M9G7W
	16QAM			28.10	22.80	0.191	12915	12M9D7W
20.0	BPSK	3710.0	3970.0	28.70	23.40	0.219	17908	17M9G7W
	QPSK			28.69	23.39	0.218	17921	17M9G7W
	16QAM			28.63	23.33	0.215	17854	17M9D7W
30.0	BPSK	3715.0	3965.0	28.66	23.36	0.217	26774	26M8G7W
	QPSK			28.70	23.40	0.219	26789	26M8G7W
	16QAM			28.65	23.35	0.216	26804	26M8D7W
40.0	BPSK	3720.0	3960.0	28.70	23.40	0.219	35574	35M6G7W
	QPSK			28.47	23.17	0.207	35619	35M6G7W
	16QAM			28.61	23.31	0.214	35612	35M6D7W
50.0	BPSK	3725.0	3955.0	28.65	23.35	0.216	45755	45M8G7W
	QPSK			28.70	23.40	0.219	45759	45M8G7W
	16QAM			27.57	22.27	0.169	45636	45M6D7W
60.0	BPSK	3730.0	3950.0	28.70	23.40	0.219	57907	57M9G7W
	QPSK			28.57	23.27	0.212	58060	58M1G7W
	16QAM			28.67	23.37	0.217	57713	57M7D7W
70.0	BPSK	3735.0	3945.0	28.47	23.17	0.207	64347	64M3G7W
	QPSK			28.70	23.40	0.219	64222	64M2G7W
	16QAM			28.36	23.06	0.202	64239	64M2D7W
80.0	BPSK	3740.0	3940.0	28.56	23.26	0.212	77032	77M0G7W
	QPSK			28.70	23.40	0.219	77033	77M0G7W
	16QAM			28.54	23.24	0.211	77295	77M3D7W
90.0	BPSK	3745.0	3935.0	28.65	23.35	0.216	86696	86M7G7W
	QPSK			28.70	23.40	0.219	86684	86M7G7W
	16QAM			28.59	23.29	0.213	86497	86M5D7W
100.0	BPSK	3750.0	3930.0	28.70	23.40	0.219	96434	96M4G7W
	QPSK			28.48	23.18	0.208	96411	96M4G7W
	16QAM			28.64	23.34	0.216	96277	96M3D7W

6.3. SOFTWARE AND FIRMWARE

The EUT firmware installed during testing was version 0.13.02.

6.4. MAXIMUM ANTENNA GAIN

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

LTE and 5G NR Bands	Frequency Range (MHz)	ANT 1 Antenna Gain (dBi)	ANT 2 Antenna Gain (dBi)	ANT 3 Antenna Gain (dBi)	ANT 4 Antenna Gain (dBi)	ANT 7 Antenna Gain (dBi)	ANT 8 Antenna Gain (dBi)	ANT 9 Antenna Gain (dBi)
LTE Band 2, 5G NR n2	1850 – 1910	-5.5	-1.3	-1.0	-0.4			
LTE Band 4	1710 – 1755	-3.6	-4.3	-2.9	-0.8			
LTE Band 5, 5G NR n5	824 – 849	-5.5	-5.0	-8.7				
LTE Band 7, 5G NR n7	2500 – 2570	-3.4	-2.0	-2.4	-1.2			
LTE Band 12, 5G NR n12	699 – 716	-5.2	-4.7	-8.3				
LTE Band 13	777 – 787	-5.2	-5.1	-7.8				
LTE Band 14, 5G NR n14	788 – 798	-5.2	-5.1	-7.8				
LTE Band 17	704 – 716	-5.2	-4.7	-8.3				
LTE Band 25, 5G NR n25	1850 – 1915	-5.5	-1.3	-1.0	-0.4			
LTE Band 26 ,5G NR 26	814 – 849	-5.5	-5.0	-8.7				
LTE Band 30, 5G NR n30	2305 – 2315	-3.2	-2.8	-2.6	-2.5			
LTE Band 41, 5G NR n41	2496 – 2690	-3.2	-1.9	-2.8	-1.3			
LTE Band 48, 5G NR n48 (Low)	3550 – 3600				-3.3	-4.2	-6.1	-6.2
LTE Band 48, 5G NR n48 (Mid)	3600 – 3650				-3.2	-3.8	-4.1	-7.1
LTE Band 48, 5G NR n48 (High)	3650 – 3700				-4.1	-4.1	-3.2	-5.5
LTE Band 66, 5G NR n66	1710 – 1780	-3.8	-4.2	-2.8	-1.3			
5G NR n70	1695 – 1710	-2.8	-3.6	-3.1	-0.9			
LTE Band 71, 5G NR n71	663 – 698	-6.2	-5.1	-10.1				
5G NR n77	3450-3550				-5.4	-7.0	-6.5	-6.9
5G NR n77	3700 – 3980				-7.1	-6.3	-5.1	-5.3

6.5. WORST-CASE CONFIGURATION AND MODE

The EUT supports the following LTE and 5G NRs:
Band 2, Band 4, Band 5, Band 7, Band 12, Band 13, Band 14, Band 17, Band 25, Band 26, Band 30, Band 41, Band 48, Band 66, Band 71, 5G NR n2, 5G NR n5, 5G NR n7, 5G NR n12, 5G NR n14, 5G NR n25, 5G NR n26, 5G NR n30, 5G NR n41, 5G NR n48, 5G NR n66, 5G NR n70, 5G NR n71, and 5G NR n77.

LTE Band 2 and 5G NR n2 (1850-1910MHz) are covered by LTE Band 25 and 5G NR n25 respectively. Because they are the subset of LTE band 25 and 5G NR n25 with the same output power and supported bandwidths.

LTE Band 4 (1710-1755MHz, 5/10/15/20MHz bandwidth) is covered by LTE Band 66 because it is a subset of LTE band 66 and they have same output power.

FCC rule Part 22.905 (824-849MHz) of LTE Band 5 and 5G NR n5 are covered by LTE Band 26 and 5G NR n26 of same rule since they have the same 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 sections 8 and 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 for Conducted Power
LTE BAND 7 and 5G NR n7	Ant 1
LTE BAND 12 and 5G NR n12	
LTE BAND 13	
LTE BAND 14 and 5G NR n14	
LTE Band 17	
LTE BAND 25 and 5G NR n25	
LTE BAND 26 and 5G NR n26	
LTE BAND 30 and 5G NR n30	
LTE BAND 41 and 5G NR n41	
LTE BAND 66 and 5G NR n66	
5G NR n70	
LTE BAND 71 and 5G NR n71	
5G NR n77	Ant 9
LTE BAND 48	

The EUT was investigated in three orthogonal orientations X/Y/Z on all ANT 1, ANT2, ANT3, ANT4, ANT7, ANT8 and ANT 9 antennas to determine the worst-case orientation. The following table exabit the worst-case orientation for different frequency bands. The full tests of the EUT have made upon the orientations that shown in the table below.

Frequency Bands	ANT1	ANT2	ANT3	ANT4	ANT7	ANT8	ANT9
663 – 849 MHz	X	X	X	N/A	N/A	N/A	N/A
1710 – 1915 MHz	X	X	X	X	N/A	N/A	N/A
2300 – 2700 MHz	X	X	X	Y	N/A	N/A	N/A
3300 – 3980 MHz	N/A	N/A	N/A	Y	Y	Y	Y

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

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

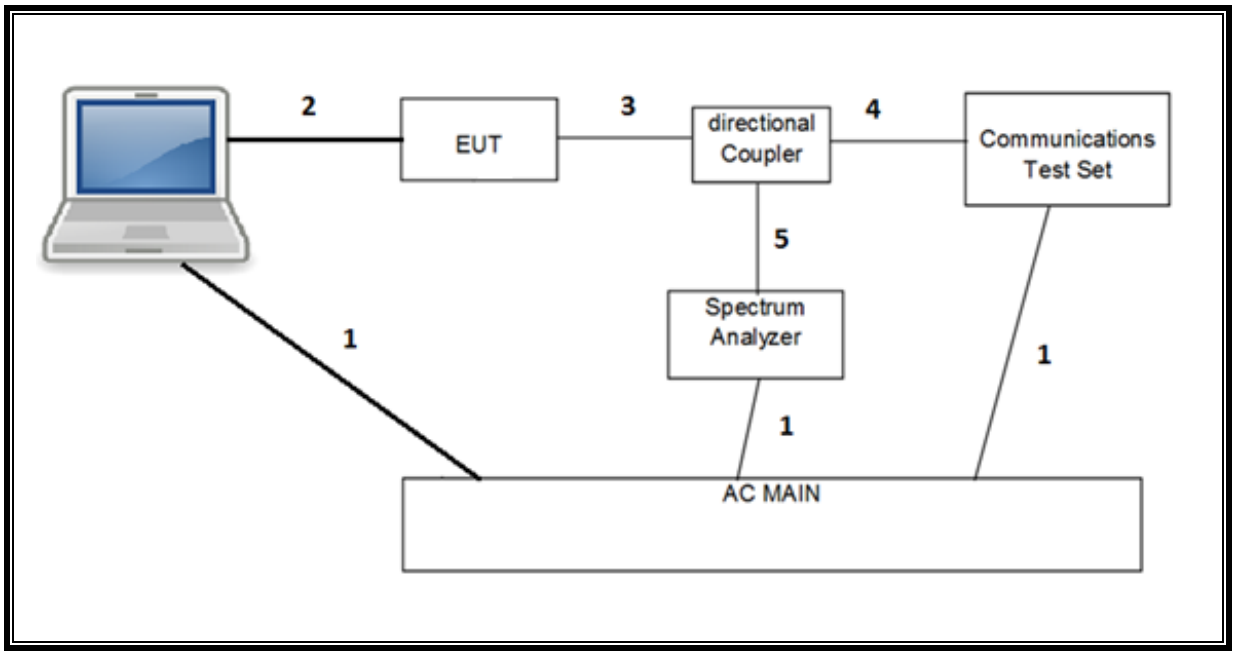
6.6. DESCRIPTION OF TEST SETUP

SUPPORT TEST EQUIPMENT				
Description	**Manufacturer**	**Model**	**Serial Number**	**FCC ID/ DoC**
Laptop	Apple	MacBook Pro	HRP082673	--
AC/DC adapter	Apple	A1718	C4H64450HH3GN8RA6	--

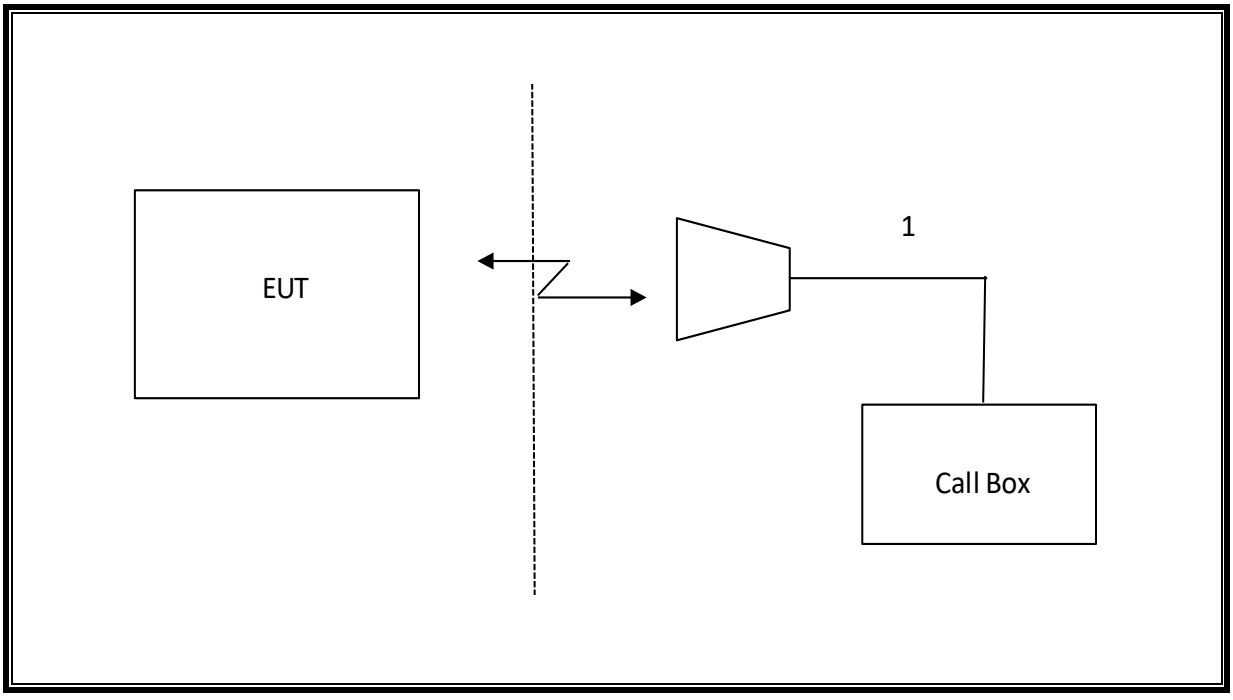
I/O CABLES (RF CONDUCTED TEST)						
Cable No.	**Port**	**# of Identical Ports**	**Connector Type**	**Cable Type**	**Cable Length (m)**	**Remarks**
1	AC	3	US 115V	Un-shielded	2.0	N/A
2	USB	1	DC	Un-shielded	1.0	N/A
3	RF In/Out	1	EUT	Un-shielded	0.6	N/A
4	RF In/Out	1	Communication Test Set	Un-shielded	1.2	N/A
5	RF In/Out	1	Barrel	N/A	N/A	N/A

I/O CABLES (RF RADIATED TEST)						
Cable No.	**Port**	**# of Identical Ports**	**Connector Type**	**Cable Type**	**Cable Length (m)**	**Remarks**
1	RF In/Out	1	Antenna	Un-shielded	5.0	N/A

CONDUCTED SETUP



RADIATED SETUP



7. TEST AND MEASUREMENT EQUIPMENT

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

TEST EQUIPMENT LIST				
Description	**Manufacturer**	**Model**	**Asset**	**Cal Due**
*Antenna, Horn 1-18GHz	ETS Lindgren	3117	79834	06/08/2023
Antenna, Broadband Hybrid, 30MHz to 2000MHz	Sunol Sciences	JB3	85151	04/30/2024
Spectrum Analyzer, PXA, 3Hz to 44GHz	Keysight	N9030A	85313	02/29/2024
Spectrum Analyzer, PXA	Keysight	N9030B	222074	07/16/2023
Spectrum Analyzer, PXA, 3Hz to 44GHz	Keysight	N9030A	85201	02/29/2024
Spectrum Analyzer, PXA	Keysight	N9030B	85214	07/18/2023
Spectrum Analyzer, PXA	Keysight	N9030B	222073	07/22/2023
PXA Signal Analyzer	Keysight	N9030B	222073	07/22/2023
EMI TEST RECEIVER	Rohde & Schwarz	ESW44	230548	02/29/2024
EMI TEST RECEIVER	Rohde & Schwarz	ESW44	201498	02/29/2024
Directional Coupler	KRYTAR	152610	198816	09/23/2023
Directional Coupler	KRYTAR	152610	198817	09/23/2023
Directional Coupler	KRYTAR	152610	135712	09/23/2023
Power Meter, P-series single channel	Keysight	N1912A	90630	01/24/2024
Power Meter, P-series single channel	Keysight	N1912A	90719	01/31/2024
Power Meter, P-series single channel	Agilent	N1911A	82174	01/31/2024
Power Sensor, P – series, 50MHz to 18GHz, Wideband	Keysight	N1921A	90389	01/31/2024
Filter, BRF 2495 – 2690 MHz	Micro-Tronics	155050	155055	12/28/2023
Filter, BRF 3.4 – 3.8GHz	Micro-Tronics	208398	208398	08/19/2023
Wideband Communication Test Set, Call Box	Rohde & Schwarz	CMW500	222792	02/29/2024
Wideband Communication Test Set, Call Box	Rohde & Schwarz	CMW500	230298	02/29/2024
Wideband Communication Test Set, Call Box	Rohde & Schwarz	CMW500	230295	02/29/2024
Wideband Communication Test Set, Call Box	Rohde & Schwarz	CMW500	22796	02/29/2024
Wideband Communication Test Set, Call Box	Rohde & Schwarz	CMW500	230297	02/29/2024
*5G NR Communication Test Set, Call Box	Keysight	UXM	207269	01/31/2024
*5G NR Communication Test Set, Call Box	Keysight	UXM	199836	01/31/2024
*Chamber, Environmental	Cincinnati Sub Zero	ZPHS-8-3.5-SCT/WC	82472	11/16/2023
*Amplifier, 218GHz to 26.5GHz	Amplical	AMP18G26.5-60	215705	02/26/2023
*Amplifier, 26.5GHz to 40GHz	Amplical	AMP26G40-65	172346	02/29/2024
Antenna, Horn 18 to 26.5GHz	ARA	MWH-1826/B	172362	03/31/2024
Antenna, Horn 26.5GHz to 40GHz	ARA	MWH-2640/B	172365	03/31/2024
*Antenna, Active Loop 100KHz to 30MHz	ELECTRO-METRICS	EM-6872	219911	05/10/2023
*Antenna, Active Loop 30Hz to 1MHz	ELECTRO-METRICS	EM-6871	219909	05/10/2023
10dB Fixed Attenuator	Pasternack Enterprises	PE7087-10	236360	N/A
10dB Fixed Attenuator	Pasternack Enterprises	PE7087-10	236285	N/A
10dB Fixed Attenuator	Pasternack Enterprises	PE7087-10	236355	N/A
UL AUTOMATION SOFTWARE				
CLT Software	UL	UL RF	Ver 3.4, May 20, 2022	
Power Measurement Software	UL	UL RF	Ver 3.1.4, April 29, 2022	
Radiated test software	UL	UL RF	Ver 9.5, Jan 21, 2022	

NOTES:

1. * Testing is completed before equipment expiration date.

8. RF OUTPUT POWER VERIFICATION

CONDUCTED OUTPUT POWER MEASUREMENT PROCEDURE

All LTE bands conducted average power is obtained from the CMW500 telecommunication test set.

The following tests were conducted according to the test requirements outlined in section 6.2 of the 3GPP TS136.101 specification.

UE Power Class: 3 (23 +/- 2dBm). Band 41 UE Power Class: 2 (26 +/-2 dBm).The allowed Maximum Power Reduction (MPR) for the maximum output power due to higher order modulation and transmit bandwidth configuration (resource blocks) is specified in Table 6.2.3-1 of the 3GPP TS136.101.

Table 6.2.3-1: Maximum Power Reduction (MPR) for Power Class 1, 2 and 3

Modulation	Channel bandwidth / Transmission bandwidth (N_{RB})						MPR (dB)
	1.4 MHz	3.0 MHz	5 MHz	10 MHz	15 MHz	20 MHz	
QPSK	> 5	> 4	> 8	> 12	> 16	> 18	≤ 1
16 QAM	≤ 5	≤ 4	≤ 8	≤ 12	≤ 16	≤ 18	≤ 1
16 QAM	> 5	> 4	> 8	> 12	> 16	> 18	≤ 2
64 QAM	≤ 5	≤ 4	≤ 8	≤ 12	≤ 16	≤ 18	≤ 2
64 QAM	> 5	> 4	> 8	> 12	> 16	> 18	≤ 3
256 QAM	≥ 1						≤ 5

The allowed A-MPR values specified below in Table 6.2.4.-1 of 3GPP TS136.101 are in addition to the allowed MPR requirements. All the measurements below were performed with A-MPR disabled, by using Network Signaling Value of “NS_01”.

Table 6.2.4-1: Additional Maximum Power Reduction (A-MPR)

Network Signalling value	Requirements (subclause)	E-UTRA Band	Channel bandwidth (MHz)	Resources Blocks (N_{RB})	A-MPR (dB)
NS_01	6.6.2.1.1	Table 5.5-1	1.4, 3, 5, 10, 15, 20	Table 5.6-1	N/A
NS_03	6.6.2.2.1	2, 4,10, 23, 25, 35, 36, 66, 70	3	>5	≤ 1
			5	>6	≤ 1
			10	>6	≤ 1
			15	>8	≤ 1
			20	>10	≤ 1
NS_04	6.6.2.2.2, 6.6.3.3.19	41	5, 10, 15, 20	Table 6.2.4-4, Table 6.2.4-4a	

RESULTS

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 output powers as follows:

8.1. LTE BAND 7 AND 5G NR n7

LTE BAND 7

Test Engineer ID:	32061	Test Date:	4/20/2023

OUTPUT POWER FOR LTE BAND 7 (5.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				20775	21100	21425	20775	21100	21425	20775	21100	21425	20775	21100	21425
				2502.5	2535.0	2567.5	2502.5	2535.0	2567.5	2502.5	2535.0	2567.5	2502.5	2535.0	2567.5
5.0	QPSK	1	0	25.61	25.61	25.46	23.56	23.52	23.49	24.67	24.88	24.87	22.46	22.58	22.55
		1	12	**25.70**	25.67	25.54	**23.70**	23.60	23.60	24.87	24.97	**25.00**	**22.70**	22.68	22.67
		1	24	25.61	25.59	25.50	23.64	23.51	23.48	24.83	24.87	24.89	22.63	22.56	22.53
		12	0	24.63	24.58	24.48	22.60	22.58	22.51	23.73	23.88	23.91	21.50	21.58	21.58
		12	6	24.65	24.65	24.52	22.67	22.59	22.55	23.80	23.93	23.97	21.59	21.64	21.63
		12	11	24.63	24.64	24.51	22.65	22.59	22.53	23.81	23.88	23.94	21.59	21.63	21.60
		25	0	24.62	24.60	24.50	22.66	22.57	22.52	23.77	23.88	23.90	21.58	21.58	21.57
	16QAM	1	0	24.93	24.96	24.76	22.95	22.93	22.88	24.09	24.22	24.29	21.82	21.97	21.91
		1	12	25.02	**25.06**	25.01	23.09	**23.10**	22.95	24.19	**24.34**	24.29	21.96	22.03	**22.04**
		1	24	24.92	24.94	24.76	22.93	22.90	22.80	24.16	24.24	24.31	22.01	21.88	21.95
		12	0	23.70	23.73	23.57	21.61	21.58	21.64	22.70	22.91	22.94	20.58	20.61	20.66
		12	6	23.72	23.75	23.63	21.67	21.61	21.67	22.79	22.94	22.96	20.70	20.64	20.73
		12	11	23.69	23.72	23.61	21.62	21.57	21.64	22.77	22.91	22.94	20.64	20.63	20.68
		25	0	23.62	23.65	23.56	21.68	21.62	21.57	22.81	22.96	22.92	20.62	20.63	20.63
	64QAM	1	0	23.73	23.70	23.61	21.90	21.90	21.85	22.96	23.22	23.20	20.80	20.90	20.88
		1	12	**23.80**	23.78	23.74	**21.97**	**21.97**	21.83	23.12	**23.25**	23.23	20.94	**20.95**	20.91
		1	24	23.70	23.64	23.69	21.91	21.83	21.80	23.06	23.13	23.21	20.92	20.87	20.81
		12	0	22.64	22.65	22.48	20.66	20.59	20.43	21.89	21.94	22.06	19.57	19.64	19.63
		12	6	22.66	22.69	22.53	20.73	20.62	20.48	21.98	21.97	22.05	19.64	19.70	19.67
		12	11	22.65	22.61	22.51	20.68	20.61	20.41	21.97	21.94	22.05	19.67	19.68	19.68
		25	0	22.61	22.63	22.51	20.62	20.61	20.53	21.87	21.90	21.93	19.58	19.63	19.59
	256QAM	1	0	20.70	20.76	20.50	18.66	18.71	18.59	19.73	19.97	19.99	17.60	17.68	17.74
		1	12	20.74	**20.83**	20.61	18.79	**18.80**	18.65	19.92	**20.12**	20.07	17.82	**17.87**	17.83
		1	24	20.68	20.73	20.58	18.67	18.59	18.52	19.91	19.97	20.03	17.80	17.62	17.70
		12	0	20.61	20.62	20.48	18.59	18.61	18.53	19.75	19.87	19.94	17.53	17.61	17.58
		12	6	20.66	20.66	20.54	18.66	18.62	18.55	19.86	19.94	19.96	17.62	17.65	17.63
		12	11	20.61	20.63	20.50	18.64	18.61	18.49	19.84	19.88	19.97	17.64	17.63	17.61
		25	0	20.60	20.62	20.48	18.61	18.60	18.50	19.77	19.91	19.93	17.60	17.61	17.57

OUTPUT POWER FOR LTE BAND 7 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				20800	21100	21400	20800	21100	21400	20800	21100	21400	20800	21100	21400
				2505.0	2535.0	2565.0	2505.0	2535.0	2565.0	2505.0	2535.0	2565.0	2505.0	2535.0	2565.0
10.0	QPSK	1	0	**25.70**	25.61	25.45	23.65	23.64	23.57	24.81	**25.00**	**25.00**	22.50	22.56	22.55
		1	24	25.63	25.62	25.51	**23.70**	23.69	23.58	24.97	24.99	24.99	22.68	22.57	22.60
		1	49	25.60	25.58	25.50	23.69	23.58	23.57	24.95	24.95	24.98	**22.70**	22.52	22.55
		25	0	24.62	24.62	24.49	22.74	22.67	22.60	23.88	24.00	23.92	21.62	21.59	21.62
		25	12	24.65	24.64	24.54	22.72	22.69	22.64	23.98	24.02	24.02	21.63	21.59	21.60
		25	24	24.62	24.61	24.53	22.67	22.59	22.53	23.98	24.00	23.99	21.66	21.58	21.57
		50	0	24.62	24.61	24.49	22.66	22.64	22.61	23.94	23.98	23.97	21.57	21.55	21.56
	16QAM	1	0	24.97	**25.02**	24.92	**23.11**	22.99	22.94	24.17	**24.33**	24.29	21.92	21.92	21.88
		1	24	24.96	24.85	24.83	23.03	22.90	22.89	24.20	24.19	24.26	21.98	21.81	21.88
		1	49	24.94	24.92	24.96	**23.11**	22.94	22.90	24.21	24.28	**24.33**	**22.06**	21.88	21.89
		25	0	23.68	23.65	23.49	21.77	21.71	21.65	22.95	23.00	22.95	20.66	20.62	20.61
		25	12	23.69	23.65	23.50	21.72	21.76	21.65	23.01	23.05	23.04	20.66	20.63	20.62
		25	24	23.64	23.63	23.48	21.69	21.63	21.56	23.01	23.01	23.01	20.66	20.61	20.59
		50	0	23.64	23.63	23.52	21.65	21.65	21.59	22.95	23.00	22.98	20.57	20.59	20.58
	64QAM	1	0	23.79	23.87	23.65	21.94	21.87	21.84	23.09	**23.29**	23.19	20.81	20.93	20.85
		1	24	23.79	**23.90**	23.66	**22.05**	21.92	21.85	23.26	23.26	23.20	20.92	20.91	20.86
		1	49	23.77	23.85	23.66	21.94	21.92	21.85	23.24	23.25	23.26	**20.97**	20.90	20.83
		25	0	22.63	22.62	22.49	20.74	20.66	20.61	21.92	22.02	21.92	19.60	19.60	19.61
		25	12	22.64	22.65	22.53	20.72	20.69	20.63	21.99	22.05	22.00	19.60	19.64	19.65
		25	24	22.62	22.62	22.54	20.68	20.59	20.53	21.98	22.01	21.96	19.66	19.67	19.60
		50	0	22.61	22.62	22.48	20.62	20.63	20.60	21.93	22.01	21.99	19.57	19.66	19.58
	256QAM	1	0	20.73	20.70	20.50	18.74	18.71	18.71	19.86	19.98	19.96	17.55	17.70	17.68
		1	24	20.77	**20.78**	20.55	**18.80**	**18.80**	18.78	20.06	**20.11**	20.10	17.75	**17.78**	17.73
		1	49	20.73	20.70	20.52	18.74	18.66	18.66	20.05	20.04	20.02	17.75	17.62	17.61
		25	0	20.60	20.61	20.47	18.70	18.65	18.54	19.88	19.98	19.89	17.58	17.63	17.58
		25	12	20.65	20.65	20.48	18.66	18.70	18.60	19.93	20.00	19.96	17.61	17.68	17.59
		25	24	20.61	20.62	20.47	18.63	18.58	18.50	19.96	19.98	19.98	17.60	17.66	17.60
		50	0	20.60	20.61	20.46	18.63	18.63	18.58	19.93	19.98	19.94	17.52	17.66	17.57

OUTPUT POWER FOR LTE BAND 7 (15.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				20825	21100	21375	20825	21100	21375	20825	21100	21375	20825	21100	21375
				2507.5	2535.0	2562.5	2507.5	2535.0	2562.5	2507.5	2535.0	2562.5	2507.5	2535.0	2562.5
15.0	QPSK	1	0	25.56	25.64	25.65	23.61	23.55	23.49	24.77	24.92	24.94	22.46	22.57	22.48
		1	37	25.68	**25.70**	25.69	**23.70**	23.59	23.53	24.97	24.90	**25.00**	**22.70**	22.57	22.51
		1	74	25.63	25.62	25.66	23.62	23.52	23.49	24.96	24.84	24.84	**22.70**	22.46	22.43
		36	0	25.00	25.06	25.13	22.74	22.64	22.59	23.89	23.99	23.88	21.67	21.62	21.59
		36	16	25.03	25.08	25.15	22.69	22.66	22.61	23.94	23.96	23.88	21.76	21.62	21.60
		36	35	25.01	25.05	25.13	22.69	22.58	22.51	23.99	23.95	23.93	21.70	21.53	21.48
		75	0	25.07	25.08	25.18	22.69	22.64	22.59	23.95	23.95	23.87	21.65	21.60	21.57
	16QAM	1	0	25.21	25.40	25.48	23.03	22.80	22.79	24.04	24.23	24.19	21.75	21.84	21.78
		1	37	25.27	25.52	**25.66**	**23.18**	22.91	22.88	**24.28**	24.21	24.21	**22.01**	21.87	21.85
		1	74	25.22	25.39	25.40	22.91	22.81	22.79	24.25	24.17	24.22	21.96	21.73	21.77
		36	0	24.02	24.05	24.14	21.74	21.68	21.62	22.93	23.00	22.94	20.69	20.64	20.60
		36	16	24.03	24.07	24.16	21.70	21.70	21.64	22.97	23.02	22.93	20.77	20.64	20.61
		36	35	24.02	24.06	24.14	21.68	21.60	21.56	23.03	22.97	22.95	20.71	20.56	20.51
		75	0	24.05	24.08	24.16	21.69	21.66	21.63	23.00	22.99	22.90	20.68	20.62	20.59
	64QAM	1	0	24.27	24.35	24.35	21.91	21.91	21.85	23.17	23.20	23.24	20.74	20.92	20.81
		1	37	24.30	**24.42**	24.41	**21.95**	21.94	21.82	23.25	23.24	23.25	**21.04**	20.91	20.85
		1	74	24.26	24.27	24.33	21.86	21.88	21.78	**23.30**	23.20	23.16	20.98	20.81	20.73
		36	0	23.02	23.03	23.11	20.69	20.64	20.61	21.92	21.99	21.93	19.64	19.61	19.59
		36	16	23.02	23.04	23.14	20.66	20.65	20.63	22.01	22.02	21.92	19.77	19.64	19.61
		36	35	23.02	23.04	23.13	20.65	20.57	20.53	22.01	21.98	21.96	19.70	19.53	19.52
		75	0	23.06	23.04	23.14	20.65	20.64	20.60	22.02	21.99	21.92	19.65	19.62	19.58
	256QAM	1	0	20.97	21.03	21.07	18.78	18.74	18.62	19.90	20.00	19.93	17.59	17.68	17.56
		1	37	21.09	**21.22**	21.04	**18.82**	18.76	18.64	20.07	20.09	20.04	17.82	17.66	17.64
		1	74	21.10	21.05	21.04	18.77	18.72	18.55	**20.21**	20.12	20.00	**17.83**	17.68	17.58
		36	0	21.01	21.02	21.09	18.69	18.63	18.57	19.92	19.98	19.95	17.66	17.62	17.60
		36	16	21.00	21.02	21.10	18.61	18.63	18.58	20.00	19.98	19.90	17.71	17.63	17.59
		36	35	21.01	21.04	21.11	18.62	18.56	18.53	20.02	19.95	19.95	17.70	17.56	17.53
		75	0	21.01	21.04	21.11	18.63	18.62	18.58	19.99	20.00	19.88	17.64	17.62	17.59

OUTPUT POWER FOR LTE BAND 7 (20.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				20850	21100	21350	20850	21100	21350	20850	21100	21350	20850	21100	21350
				2510.0	2535.0	2560.0	2510.0	2535.0	2560.0	2510.0	2535.0	2560.0	2510.0	2535.0	2560.0
20.0	QPSK	1	0	25.49	25.60	25.63	22.81	22.77	**23.70**	24.83	**25.00**	24.94	22.50	22.60	22.60
		1	49	25.56	**25.70**	25.68	22.87	22.80	22.40	24.96	24.92	24.95	**22.70**	22.59	22.52
		1	99	25.53	25.65	25.64	22.87	22.81	23.04	**25.00**	24.91	24.89	22.68	22.50	22.53
		50	0	24.92	25.04	25.11	21.92	21.85	22.55	23.98	24.04	23.92	21.71	21.67	21.64
		50	24	25.00	25.06	25.11	21.95	21.88	22.67	24.06	24.03	23.94	21.82	21.70	21.65
		50	49	24.99	25.01	25.03	21.88	21.78	22.68	24.08	24.00	23.94	21.74	21.58	21.56
		100	0	24.99	25.04	25.10	21.95	21.86	22.59	24.05	24.01	23.91	21.70	21.67	21.66
	16QAM	1	0	25.03	25.19	25.26	22.16	22.02	22.04	24.08	24.18	24.23	21.85	21.85	21.84
		1	49	25.20	25.32	**25.40**	22.26	22.08	**22.27**	24.36	24.36	**24.58**	**22.06**	21.98	22.02
		1	99	25.11	25.17	25.26	22.15	22.00	22.03	24.26	24.11	24.17	21.98	21.78	21.84
		50	0	23.94	24.04	24.10	20.97	20.85	20.87	22.99	23.02	22.96	20.74	20.66	20.69
		50	24	24.04	24.05	24.13	20.98	20.85	20.86	23.08	23.01	22.91	20.81	20.68	20.66
		50	49	24.02	24.04	24.03	20.88	20.77	20.75	23.08	22.99	22.97	20.73	20.60	20.57
		100	0	24.00	24.05	24.10	20.96	20.87	20.85	23.06	22.99	22.93	20.71	20.67	20.65
	64QAM	1	0	24.12	24.21	24.19	21.09	21.18	20.96	23.00	23.14	23.28	20.89	20.78	20.79
		1	49	24.36	**24.43**	24.40	21.23	**21.35**	21.20	23.27	23.28	**23.52**	**21.15**	20.90	20.90
		1	99	24.16	24.13	24.17	21.04	21.26	20.94	23.20	23.15	23.26	21.08	20.75	20.70
		50	0	22.89	23.01	23.09	19.91	20.22	19.87	21.97	22.04	21.99	19.69	19.66	19.63
		50	24	22.98	23.04	23.10	19.96	20.31	19.89	22.08	22.01	21.97	19.76	19.69	19.63
		50	49	22.97	23.02	23.01	19.85	20.27	19.79	22.05	21.98	21.99	19.69	19.57	19.55
		100	0	22.99	22.99	23.10	19.92	20.44	19.87	22.06	22.00	21.99	19.66	19.67	19.62
	256QAM	1	0	20.91	21.11	**21.21**	18.03	18.56	17.95	19.87	20.06	20.15	17.62	17.81	17.78
		1	49	20.96	21.16	21.18	18.04	18.56	17.94	20.08	20.06	20.16	**17.87**	17.80	17.78
		1	99	21.09	21.14	21.15	18.03	18.60	17.97	**20.20**	20.08	20.18	17.81	17.78	17.71
		50	0	20.86	20.96	21.04	17.89	18.55	17.79	19.95	19.99	19.98	17.65	17.66	17.64
		50	24	20.94	20.99	21.06	17.93	18.64	17.82	20.05	20.02	19.96	17.77	17.69	17.66
		50	49	20.95	21.01	20.99	17.86	18.59	17.74	20.07	19.98	20.03	17.71	17.61	17.57
		100	0	20.94	20.99	21.04	17.91	**18.69**	17.79	20.03	19.98	19.98	17.65	17.66	17.62

5G NR n7

Test Engineer ID:	19146	Test Date:	3/29/2023

OUTPUT POWER FOR 5G NR n7 (5.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				500500	507000	513500	500500	507000	513500	500500	507000	513500	500500	507000	513500
				2502.5	2535.0	2567.5	2502.5	2535.0	2567.5	2502.5	2535.0	2567.5	2502.5	2535.0	2567.5
5.0	BPSK	1	0	25.39	25.36	25.32	23.15	22.95	23.45	24.13	24.55	24.57	21.69	22.07	22.00
		1	1	25.66	25.52	25.59	23.04	23.19	**23.70**	24.37	24.77	24.65	22.30	22.58	22.63
		1	23	**25.67**	25.56	25.64	23.25	23.33	23.68	24.56	**24.81**	24.72	22.47	**22.65**	**22.65**
		1	24	25.41	25.38	25.32	22.99	23.21	23.43	24.31	24.58	24.53	21.94	22.16	22.08
		12	6	25.61	25.57	25.51	23.18	23.39	23.62	24.52	24.74	24.70	22.33	22.60	22.62
		25	0	25.27	25.25	25.27	22.92	23.16	23.45	24.29	24.51	24.51	21.81	22.11	22.10
	QPSK	1	0	24.81	24.86	24.78	22.43	22.62	22.91	23.75	24.02	24.12	21.23	21.56	21.58
		1	1	25.61	25.60	25.49	23.22	23.38	23.64	24.44	24.80	24.95	22.21	22.61	22.58
		1	23	**25.70**	25.59	25.60	23.27	23.45	**23.68**	24.55	24.85	**25.00**	22.40	**22.70**	22.65
		1	24	24.93	24.87	24.86	22.44	22.70	22.94	23.92	24.07	24.16	21.42	21.61	21.64
		12	6	25.63	25.50	25.58	23.24	23.41	**23.68**	24.58	24.76	24.80	22.37	22.67	22.61
		25	0	24.92	24.83	24.84	22.57	22.72	22.96	23.80	24.05	24.03	21.37	21.61	21.58
	16QAM	1	0	23.89	23.99	23.79	21.68	21.53	21.83	22.62	22.94	22.96	20.22	20.87	20.49
		1	1	24.84	25.06	24.89	22.62	22.46	22.86	23.65	24.04	23.97	21.33	21.86	21.49
		1	23	24.84	**25.11**	24.86	22.70	22.54	22.88	23.76	23.94	24.04	21.42	**21.95**	21.61
		1	24	23.89	24.03	23.84	21.70	21.47	21.88	22.85	22.99	23.01	20.53	20.91	20.49
		12	6	24.97	24.96	24.76	22.54	22.62	**22.99**	23.88	**24.18**	24.02	21.29	21.60	21.57
		25	0	24.00	23.93	23.75	21.58	21.72	21.98	22.89	23.10	23.08	20.38	20.67	20.63
	64QAM	1	0	23.52	**23.67**	23.09	21.18	21.58	21.66	22.51	22.93	22.86	20.08	20.46	20.60
		1	1	23.59	23.59	23.03	21.23	21.57	21.76	22.46	23.00	22.76	20.13	20.40	20.65
		1	23	23.57	**23.67**	23.17	21.24	21.62	21.81	22.78	**23.10**	22.91	20.23	20.43	**20.73**
		1	24	23.54	23.63	23.19	21.26	21.60	**21.82**	22.79	22.98	22.88	20.27	20.49	20.68
		12	6	23.34	23.30	23.26	21.01	21.14	21.50	22.30	22.59	22.61	19.77	20.06	20.03
		25	0	23.40	23.37	23.39	21.00	21.17	21.56	22.29	22.59	22.63	19.88	20.09	19.98
	256QAM	1	0	21.34	21.45	20.94	19.24	19.33	19.58	20.23	20.58	**20.75**	17.71	18.14	18.17
		1	1	21.34	21.47	20.94	19.14	19.27	19.58	20.22	20.52	20.68	17.66	**18.24**	18.12
		1	23	21.36	**21.55**	21.11	19.28	19.32	**19.61**	20.41	20.66	20.71	18.00	18.15	18.17
		1	24	21.34	21.51	21.02	19.39	19.34	**19.61**	20.42	20.56	20.63	17.89	18.18	18.14
		12	6	21.28	21.32	21.20	19.02	19.16	19.40	20.21	20.50	20.50	17.86	18.01	17.97
		25	0	21.32	21.34	21.34	19.15	19.26	19.47	20.23	20.56	20.61	17.91	18.09	18.09

OUTPUT POWER FOR 5G NR n7 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				501000	507000	513000	501000	507000	513000	501000	507000	513000	501000	507000	513000
				2505.0	2535.0	2565.0	2505.0	2535.0	2565.0	2505.0	2535.0	2565.0	2505.0	2535.0	2565.0
10.0	BPSK	1	0	25.45	25.41	25.47	22.96	23.02	23.42	24.30	24.64	24.71	21.85	22.10	22.06
		1	1	**25.64**	25.56	**25.64**	23.19	23.27	**23.66**	24.56	24.86	**24.97**	22.24	22.66	22.50
		1	50	25.58	25.59	25.60	23.24	23.37	23.63	24.79	24.89	24.83	22.57	**22.69**	22.62
		1	51	25.40	25.40	25.40	23.09	23.15	23.48	24.61	24.68	24.64	21.99	22.18	22.14
		25	12	25.52	25.56	25.52	23.21	23.28	23.53	24.71	24.82	24.77	22.37	22.58	22.57
		50	0	25.45	25.39	25.40	23.06	22.99	23.40	24.52	24.65	24.63	21.91	22.18	22.16
	QPSK	1	0	24.84	24.92	24.81	22.63	22.70	22.90	23.90	24.17	24.18	21.24	21.57	21.56
		1	1	25.50	25.59	25.49	23.23	23.47	23.61	24.61	24.89	24.88	22.32	22.66	22.63
		1	50	25.57	**25.70**	25.56	23.24	23.43	**23.70**	24.87	**25.00**	24.86	22.51	22.60	**22.70**
		1	51	24.85	25.01	24.83	22.63	22.77	23.00	24.16	24.28	24.16	21.57	21.58	21.63
		25	12	25.61	25.56	25.60	23.19	23.30	23.58	24.74	24.88	24.83	22.46	22.63	22.63
		50	0	24.93	24.98	24.87	22.47	22.52	22.90	24.03	24.17	24.14	21.44	21.64	21.60
	16QAM	1	0	23.94	24.00	23.31	21.58	21.41	21.69	22.54	23.22	23.20	20.38	20.60	20.45
		1	1	24.92	25.03	24.26	22.59	22.31	22.77	23.63	24.15	24.11	21.51	21.58	21.45
		1	50	24.99	25.02	24.35	22.85	22.53	22.74	23.86	24.13	24.08	21.56	**21.70**	21.45
		1	51	23.94	24.06	23.30	21.71	21.46	21.79	22.74	23.05	23.09	20.64	20.71	20.38
		25	12	**25.04**	24.98	24.87	22.66	22.63	**22.93**	24.00	24.14	**24.21**	21.41	21.67	21.57
		50	0	24.02	23.98	23.89	21.61	21.58	21.90	23.00	23.15	23.12	20.52	20.65	20.51
	64QAM	1	0	23.46	23.54	23.29	21.25	21.20	21.60	22.55	23.13	22.98	20.25	20.49	20.26
		1	1	23.33	23.57	23.34	21.24	21.35	21.45	22.75	23.03	22.94	20.25	20.64	20.42
		1	50	23.44	**23.64**	23.45	21.36	21.22	21.67	22.88	23.18	23.01	20.35	**20.70**	20.50
		1	51	23.46	23.58	23.25	21.36	21.42	**21.74**	22.77	**23.21**	23.12	20.47	20.65	20.42
		25	12	23.46	23.41	23.31	21.08	21.16	21.55	22.52	22.66	22.70	19.93	20.17	20.09
		50	0	23.48	23.46	23.41	21.09	21.07	21.43	22.45	22.63	22.69	19.90	20.12	20.03
	256QAM	1	0	21.49	21.35	21.48	19.27	19.12	19.61	20.32	20.69	20.68	18.11	18.51	18.20
		1	1	21.51	21.37	21.56	19.35	19.07	19.55	20.39	20.68	**20.81**	18.13	**18.58**	18.23
		1	50	21.44	21.40	21.46	19.35	19.17	**19.69**	20.62	20.80	20.70	18.45	18.53	18.19
		1	51	21.48	21.37	**21.60**	19.40	19.35	19.63	20.69	20.80	20.66	18.38	**18.58**	18.23
		25	12	21.47	21.45	21.34	19.16	19.07	19.39	20.45	20.58	20.64	17.86	18.14	18.16
		50	0	21.39	21.42	21.36	19.05	19.08	19.45	20.39	20.57	20.65	17.96	18.10	18.08

OUTPUT POWER FOR 5G NR n7 (15.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				501500	507000	512500	501500	507000	512500	501500	507000	512500	501500	507000	512500
				2507.5	2535.0	2562.5	2507.5	2535.0	2562.5	2507.5	2535.0	2562.5	2507.5	2535.0	2562.5
15.0	BPSK	1	0	25.52	25.45	25.49	23.04	23.05	23.26	24.42	24.72	24.75	21.79	22.13	22.12
		1	1	**25.68**	25.62	25.52	23.30	23.24	23.55	24.64	24.90	24.95	22.31	22.63	22.59
		1	77	25.60	25.57	25.64	23.34	23.27	**23.61**	24.92	**25.00**	24.98	22.65	**22.66**	22.48
		1	78	25.46	25.39	25.42	23.13	23.06	23.50	24.70	24.80	24.76	22.07	22.10	22.02
		36	18	25.48	25.50	25.51	23.13	23.11	23.41	24.74	24.77	24.92	22.39	22.51	22.40
		75	0	25.34	25.38	25.37	23.01	23.02	23.21	24.46	24.66	24.73	21.94	22.02	21.99
	QPSK	1	0	24.90	24.92	24.98	22.53	22.56	22.86	23.83	24.21	24.31	21.29	21.52	21.38
		1	1	25.65	25.64	25.66	23.27	23.27	23.47	24.54	24.94	**25.00**	22.30	**22.70**	22.48
		1	77	25.62	25.63	**25.70**	23.27	23.34	**23.70**	24.89	24.95	**25.00**	22.68	22.57	22.58
		1	78	24.87	24.89	24.99	22.63	22.58	22.97	24.14	24.31	24.26	21.52	21.53	21.53
		36	18	25.59	25.67	25.58	23.26	23.27	23.60	24.70	24.83	24.95	22.45	22.52	22.46
		75	0	24.88	24.92	24.92	22.58	22.55	22.79	24.02	24.16	24.30	21.49	21.55	21.43
	16QAM	1	0	23.77	23.54	23.92	21.90	21.89	21.79	23.03	23.12	23.62	20.06	20.44	20.15
		1	1	**25.04**	24.57	24.79	22.87	22.83	22.74	24.04	24.31	**24.65**	21.05	21.50	21.30
		1	77	24.88	24.37	24.72	22.99	**23.02**	22.82	24.49	24.44	24.47	21.31	**21.54**	21.28
		1	78	23.74	23.58	23.86	21.88	21.96	21.79	23.37	23.43	23.63	20.16	20.55	20.25
		36	18	24.95	24.89	24.89	22.56	22.57	22.83	23.98	24.17	24.27	21.44	21.52	21.51
		75	0	23.91	23.91	23.88	21.54	21.50	21.85	23.06	23.23	23.23	20.45	20.56	20.54
	64QAM	1	0	23.24	23.30	23.57	21.03	21.10	21.51	22.59	23.27	23.27	20.10	**20.36**	20.08
		1	1	23.34	23.37	23.58	21.17	21.20	21.56	22.75	23.19	**23.32**	20.10	20.25	20.13
		1	77	23.32	23.31	23.56	21.19	21.24	**21.67**	22.94	23.14	23.24	20.28	20.30	20.22
		1	78	23.31	23.27	**23.64**	21.17	21.07	21.62	22.79	23.28	23.21	20.33	20.28	20.26
		36	18	23.45	23.43	23.42	21.01	21.10	21.34	22.63	22.76	22.78	19.99	20.16	20.00
		75	0	23.41	23.41	23.31	21.00	21.11	21.32	22.60	22.73	22.76	19.87	20.11	20.01
	256QAM	1	0	**21.49**	21.05	21.36	18.99	19.28	19.42	20.33	20.84	20.89	17.89	18.39	18.08
		1	1	21.34	21.23	21.35	19.00	19.37	19.50	20.30	20.88	20.91	17.90	**18.46**	18.05
		1	77	21.47	21.23	21.26	19.07	19.34	19.45	20.60	20.86	20.84	18.26	18.24	18.12
		1	78	21.35	21.16	21.33	19.02	19.36	**19.53**	20.45	20.84	**20.92**	18.24	18.34	17.98
		36	18	21.40	21.44	21.32	19.00	19.11	19.35	20.53	20.77	20.73	18.00	18.10	18.04
		75	0	21.39	21.41	21.30	18.93	19.02	19.27	20.54	20.66	20.67	17.88	18.09	17.95

OUTPUT POWER FOR 5G NR n7 (20.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				502000	507000	512000	502000	507000	512000	502000	507000	512000	502000	507000	512000
				2510.0	2535.0	2560.0	2510.0	2535.0	2560.0	2510.0	2535.0	2560.0	2510.0	2535.0	2560.0
20.0	BPSK	1	0	25.41	25.41	25.36	23.16	23.04	23.30	24.22	24.63	24.77	21.83	22.14	22.07
		1	1	25.59	**25.70**	25.53	23.35	23.27	23.59	24.48	24.79	24.87	22.37	**22.70**	22.59
		1	104	25.57	25.60	25.55	23.42	23.50	**23.69**	24.76	24.83	**24.90**	22.65	22.68	22.61
		1	105	25.42	25.39	25.36	23.26	23.27	23.57	24.47	24.69	24.68	22.08	22.15	22.08
		50	25	25.55	25.57	25.59	23.33	23.30	23.57	24.69	24.79	24.76	22.55	22.61	22.52
		100	0	25.36	25.35	25.36	23.14	23.15	23.34	24.51	24.56	24.56	21.98	22.13	22.15
	QPSK	1	0	24.95	24.82	24.96	22.73	22.60	22.86	23.86	24.18	24.19	21.28	21.53	21.53
		1	1	25.64	25.64	25.66	23.37	23.36	23.62	24.74	**25.00**	24.76	22.34	22.57	22.58
		1	104	25.59	25.52	**25.67**	23.48	23.49	**23.70**	24.83	24.94	24.66	**22.69**	22.67	22.60
		1	105	24.94	24.83	24.96	22.73	22.79	23.01	24.12	24.26	24.03	21.69	21.50	21.58
		50	25	25.58	25.58	25.60	23.35	23.36	23.60	24.73	24.80	24.80	22.53	22.64	22.65
		100	0	24.84	24.86	24.88	22.66	22.63	22.80	23.95	24.08	24.04	21.51	21.55	21.61
	16QAM	1	0	24.08	23.97	23.87	21.62	21.39	21.63	22.92	23.12	22.93	19.96	20.79	20.47
		1	1	24.96	**24.98**	24.94	22.68	22.41	22.52	23.90	24.01	23.89	21.02	21.67	21.70
		1	104	24.88	24.89	24.81	22.67	22.52	22.69	**24.22**	24.07	23.81	21.24	21.77	**21.88**
		1	105	23.93	23.92	23.79	21.58	21.49	21.69	23.29	23.01	23.03	20.09	20.63	20.60
		50	25	24.87	24.86	24.88	22.66	22.63	**22.89**	24.02	24.07	24.03	21.60	21.61	21.59
		100	0	23.89	23.85	23.85	21.60	21.63	21.89	23.00	23.07	22.99	20.49	20.63	20.56
	64QAM	1	0	23.29	23.60	23.38	21.40	21.42	21.72	22.85	23.15	22.90	20.11	20.27	20.48
		1	1	23.48	**23.62**	23.46	21.37	21.57	21.53	22.87	23.06	22.95	19.91	20.47	20.35
		1	104	23.37	23.56	23.39	21.41	21.52	21.86	22.94	**23.21**	23.03	20.29	20.18	20.54
		1	105	23.43	23.55	23.30	21.38	21.61	**21.89**	22.97	23.15	23.00	20.34	20.35	**20.60**
		50	25	23.46	23.40	23.40	21.08	21.13	21.36	22.54	22.63	22.67	19.98	20.13	20.14
		100	0	23.45	23.46	23.37	21.07	21.21	21.38	22.45	22.63	22.56	19.93	20.15	20.10
	256QAM	1	0	21.42	21.42	21.27	19.42	19.33	19.52	20.35	20.73	20.90	17.96	18.38	18.29
		1	1	21.41	21.41	21.37	19.26	19.20	19.51	20.32	20.71	20.88	17.87	18.30	18.38
		1	104	**21.52**	21.35	21.19	19.45	19.33	19.61	20.60	20.85	**20.95**	18.24	18.20	**18.47**
		1	105	21.46	21.46	21.24	19.33	19.36	**19.66**	20.57	20.71	20.88	18.17	18.11	18.44
		50	25	21.40	21.38	21.38	19.09	19.16	19.32	20.49	20.62	20.59	17.99	18.12	18.08
		100	0	21.41	21.40	21.37	19.05	19.16	19.35	20.41	20.62	20.52	17.92	18.15	18.06

OUTPUT POWER FOR 5G NR n7 (25.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				502500	507000	511500	502500	507000	511500	502500	507000	511500	502500	507000	511500
				2512.5	2535.0	2557.5	2512.5	2535.0	2557.5	2512.5	2535.0	2557.5	2512.5	2535.0	2557.5
25.0	BPSK	1	0	25.46	25.47	25.32	23.01	23.05	23.31	24.44	24.65	24.80	21.86	22.05	22.05
		1	1	**25.70**	25.56	25.60	23.32	23.42	23.58	24.56	24.87	**24.93**	22.34	**22.70**	22.52
		1	131	25.66	25.66	25.64	23.37	23.44	**23.70**	24.88	24.87	24.88	22.69	22.50	22.53
		1	132	25.44	25.42	25.38	23.13	23.28	23.45	24.68	24.67	24.68	22.12	22.15	22.12
		64	32	25.60	25.62	25.51	23.25	23.25	23.51	24.75	24.87	24.86	22.52	22.51	22.47
		128	0	25.41	25.35	25.36	23.05	23.06	23.26	24.51	24.62	24.66	21.89	22.03	22.08
	QPSK	1	0	24.91	24.86	24.89	22.59	22.60	22.76	23.83	24.22	24.28	21.39	21.48	21.33
		1	1	25.65	25.63	25.55	23.32	23.26	23.45	24.49	**25.00**	24.85	22.34	22.46	22.53
		1	131	**25.68**	25.62	25.64	23.14	23.49	**23.66**	24.83	24.96	24.92	**22.62**	22.51	22.50
		1	132	24.92	24.91	24.96	22.45	22.70	22.92	24.15	24.21	24.17	21.51	21.48	21.47
		64	32	25.59	25.56	25.54	23.30	23.34	23.48	24.73	24.86	24.88	22.45	22.61	22.46
		128	0	24.82	24.87	24.79	22.59	22.59	22.79	23.98	24.16	24.16	21.36	21.52	21.49
	16QAM	1	0	23.56	23.59	23.69	21.57	21.31	21.61	22.61	23.35	23.25	20.25	20.63	20.03
		1	1	24.63	24.49	24.78	22.49	22.48	22.61	23.77	24.34	24.32	21.29	**21.80**	21.22
		1	131	24.69	24.49	24.71	22.60	22.54	**22.92**	23.97	**24.48**	24.23	21.78	21.57	21.20
		1	132	23.72	23.52	23.64	21.66	21.38	21.68	22.98	23.35	23.26	20.70	20.62	20.02
		64	32	24.79	24.80	**24.81**	22.53	22.54	22.77	24.05	24.10	24.15	21.45	21.49	21.52
		128	0	23.80	23.80	23.82	21.58	21.55	21.81	23.01	23.17	23.43	20.45	20.48	20.49
	64QAM	1	0	**23.66**	23.43	23.51	21.28	21.22	21.64	22.65	22.79	23.16	20.14	20.15	20.23
		1	1	23.61	23.52	23.43	21.39	21.23	21.64	22.74	22.81	23.20	20.16	20.29	20.34
		1	131	23.58	23.62	23.55	21.28	21.40	21.81	23.04	22.85	23.29	**20.55**	20.45	20.29
		1	132	23.54	23.48	23.60	21.35	21.46	**21.95**	22.99	22.78	**23.37**	20.39	20.34	20.38
		64	32	23.39	23.23	23.28	21.00	21.06	21.32	22.49	22.63	22.89	19.95	19.93	19.97
		128	0	23.34	23.28	23.33	21.07	21.11	21.32	22.48	22.59	22.87	19.96	19.93	19.99
	256QAM	1	0	21.38	21.42	21.21	18.98	19.31	19.57	20.59	20.71	21.07	17.94	18.18	17.88
		1	1	21.43	**21.59**	21.37	19.20	19.28	19.65	20.55	20.76	21.14	17.93	18.23	18.04
		1	131	21.30	21.47	21.13	19.25	19.38	**19.67**	20.80	20.82	21.12	18.41	18.38	17.99
		1	132	21.20	21.51	21.20	19.21	19.45	19.53	20.86	20.74	**21.32**	18.15	**18.49**	18.01
		64	32	21.27	21.36	21.23	18.94	19.07	19.26	20.56	20.55	20.80	17.88	18.02	17.95
		128	0	21.29	21.25	21.22	18.98	19.13	19.30	20.54	20.61	20.82	17.93	18.01	17.93

OUTPUT POWER FOR 5G NR n7 (30.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				503000	507000	511000	503000	507000	511000	503000	507000	511000	503000	507000	511000
				2515.0	2535.0	2555.0	2515.0	2535.0	2555.0	2515.0	2535.0	2555.0	2515.0	2535.0	2555.0
30.0	BPSK	1	0	25.31	25.39	25.40	23.20	23.14	23.26	24.41	24.76	24.64	21.91	22.16	22.04
		1	1	25.54	25.61	25.53	23.45	23.39	23.39	24.72	24.90	24.82	22.48	22.63	22.68
		1	158	25.61	**25.70**	25.55	23.43	23.47	**23.70**	**25.00**	24.99	24.90	22.61	22.64	**22.69**
		1	159	25.29	25.36	25.33	23.26	23.31	23.51	24.79	24.77	24.73	22.20	22.15	22.21
		80	40	25.54	25.56	25.56	23.36	23.36	23.51	24.88	24.76	24.82	22.49	22.64	22.52
		160	0	25.36	25.43	25.38	23.18	23.20	23.35	24.68	24.66	24.59	22.06	22.17	22.08
	QPSK	1	0	24.78	24.86	24.85	22.61	22.72	22.74	24.10	24.18	24.08	21.39	21.59	21.55
		1	1	25.62	**25.65**	25.58	23.42	23.40	23.47	24.78	24.89	24.84	22.38	22.57	22.67
		1	158	25.53	25.61	25.53	23.42	23.53	**23.63**	24.94	**24.97**	24.83	22.67	**22.70**	22.59
		1	159	24.81	24.80	24.80	22.63	22.91	22.94	24.11	24.35	24.09	21.62	21.58	21.63
		80	40	25.57	25.51	25.47	23.38	23.38	23.54	24.64	24.77	24.80	22.50	22.60	22.54
		160	0	24.86	24.79	24.90	22.76	22.71	22.85	23.95	24.15	24.11	21.56	21.60	21.52
	16QAM	1	0	23.57	23.52	24.32	21.72	21.83	21.68	22.51	23.05	23.22	20.45	20.40	20.27
		1	1	24.70	24.55	**25.36**	22.79	22.79	22.64	23.52	24.22	24.04	21.56	21.35	21.49
		1	158	24.57	24.61	25.34	22.65	22.81	**22.98**	23.87	24.13	**24.31**	**21.75**	21.63	21.25
		1	159	23.67	23.46	24.36	21.63	22.00	21.91	22.66	23.02	23.14	20.81	20.42	20.33
		80	40	24.86	24.79	24.79	22.63	22.66	22.80	23.97	24.11	24.09	21.56	21.62	21.59
		160	0	23.86	23.79	23.82	21.74	21.64	21.78	22.98	23.13	23.06	20.63	20.64	20.62
	64QAM	1	0	23.37	23.63	23.45	21.60	21.34	21.60	22.67	22.94	23.06	20.10	20.41	20.55
		1	1	23.52	**23.72**	23.47	21.42	21.69	21.55	22.69	22.96	23.17	20.08	20.43	20.53
		1	158	23.45	23.66	23.29	21.56	21.65	**21.87**	23.00	23.08	**23.21**	20.54	**20.58**	20.50
		1	159	23.52	23.57	23.55	21.47	21.72	21.72	22.88	22.98	23.01	20.45	20.54	20.40
		80	40	23.30	23.34	23.24	21.24	21.20	21.37	22.57	22.61	22.71	20.05	20.09	20.10
		160	0	23.34	23.33	23.30	21.19	21.18	21.39	22.53	22.58	22.62	20.02	20.09	20.10
	256QAM	1	0	21.21	21.38	21.25	19.24	19.16	19.32	20.47	20.84	21.04	18.10	18.27	17.80
		1	1	21.32	21.34	21.33	19.42	19.41	19.23	20.53	20.72	**21.10**	18.13	18.29	18.04
		1	158	21.28	21.31	21.40	19.47	19.42	**19.58**	20.57	20.75	20.90	18.26	**18.41**	18.11
		1	159	21.21	21.30	**21.53**	19.34	19.45	**19.58**	20.85	20.70	21.06	18.31	18.36	18.06
		80	40	21.31	21.23	21.24	19.16	19.16	19.26	20.45	20.58	20.59	17.96	18.14	18.03
		160	0	21.40	21.21	21.36	19.24	19.19	19.32	20.52	20.66	20.58	18.02	18.16	18.06

OUTPUT POWER FOR 5G NR n7 (35.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				50.5	507000	510500	50.5	507000	510500	50.5	507000	510500	50.5	507000	510500
				2517.5	2535.0	2552.5	2517.5	2535.0	2552.5	2517.5	2535.0	2552.5	2517.5	2535.0	2552.5
35.0	BPSK	1	0	25.16	25.20	24.94	**23.70**	22.97	22.95	24.33	24.64	24.53	22.03	22.22	22.24
		1	1	25.52	25.38	25.47	23.31	23.24	23.37	24.53	24.67	**24.98**	22.33	22.38	**22.45**
		1	186	**25.56**	25.32	25.31	23.35	23.30	23.22	24.87	24.76	24.89	22.36	22.39	22.19
		1	187	25.33	25.30	25.12	23.01	22.89	22.88	24.57	24.78	24.57	22.30	22.38	22.13
		90	45	25.15	25.39	25.32	23.08	23.14	23.16	24.53	24.73	24.70	22.38	22.32	22.29
		180	0	25.02	25.10	25.18	22.90	23.06	22.92	24.41	24.64	24.59	22.17	22.19	22.11
	QPSK	1	0	24.48	24.74	24.80	22.21	22.57	22.67	23.59	24.04	24.14	21.41	21.83	21.68
		1	1	25.38	25.40	25.59	22.99	23.15	23.10	24.42	24.74	24.89	22.16	22.31	22.41
		1	186	25.35	**25.70**	25.34	**23.47**	23.13	23.19	**25.00**	24.89	24.60	**22.70**	22.42	22.37
		1	187	24.94	24.55	24.56	22.56	22.42	22.42	24.31	24.30	24.00	21.76	21.83	21.86
		90	45	25.18	25.39	25.33	23.11	23.20	23.16	24.58	24.81	24.73	22.35	22.37	22.47
		180	0	24.51	24.62	24.65	22.39	22.53	22.48	23.91	24.00	24.02	21.78	21.71	21.75
	16QAM	1	0	23.87	23.46	23.93	21.69	21.05	21.41	22.78	23.10	23.06	20.55	20.66	20.67
		1	1	24.46	24.48	25.09	22.59	22.41	**22.71**	23.87	23.59	**24.71**	21.39	21.79	21.61
		1	186	24.74	24.52	**25.19**	22.57	22.42	22.33	24.33	24.29	24.20	21.52	**22.11**	21.56
		1	187	23.70	24.14	23.26	21.90	21.53	21.43	23.18	23.15	23.09	21.12	20.96	20.76
		90	45	24.44	24.71	24.65	22.46	22.65	22.51	23.92	24.13	24.03	21.77	21.67	21.53
		180	0	23.49	23.70	23.71	21.48	21.50	21.42	22.87	23.08	23.08	20.67	20.64	20.56
	64QAM	1	0	22.70	22.73	23.44	21.35	21.26	21.31	22.52	22.83	22.32	20.06	**20.35**	19.99
		1	1	23.34	23.40	23.87	21.34	21.15	21.12	22.55	22.44	22.17	19.96	20.05	19.89
		1	186	23.72	22.92	23.34	**21.38**	21.14	21.04	22.58	22.94	22.62	20.26	19.75	20.20
		1	187	**23.95**	23.68	23.93	**21.38**	21.17	21.17	22.80	**23.06**	22.61	20.25	20.06	20.08
		90	45	22.87	23.00	23.06	20.95	20.99	20.90	22.27	22.54	22.53	20.14	20.19	19.99
		180	0	22.89	23.19	23.10	20.91	20.95	20.94	22.42	22.62	22.46	20.14	20.23	20.11
	256QAM	1	0	21.24	21.40	21.15	19.25	19.13	19.14	20.09	20.52	20.89	17.59	17.92	18.19
		1	1	20.89	21.02	21.40	18.79	18.99	19.10	20.22	20.85	**21.07**	17.60	**18.33**	17.99
		1	186	21.46	21.36	**21.70**	19.26	19.20	18.89	20.47	20.68	20.67	18.25	18.23	18.05
		1	187	21.61	21.09	21.53	**19.53**	18.96	19.13	20.70	20.53	20.24	18.28	18.15	18.03
		90	45	20.97	21.06	21.07	18.91	18.93	18.83	20.48	20.56	20.43	18.17	18.23	18.10
		180	0	20.90	21.13	21.19	18.99	19.04	18.98	20.47	20.58	20.67	18.20	18.16	18.10

OUTPUT POWER FOR 5G NR n7 (40.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				504000	507000	510000	504000	507000	510000	504000	507000	510000	504000	507000	510000
				2520.0	2535.0	2550.0	2520.0	2535.0	2550.0	2520.0	2535.0	2550.0	2520.0	2535.0	2550.0
40.0	BPSK	1	0	25.39	25.44	25.34	23.05	22.97	23.09	24.40	24.63	24.81	21.98	22.24	22.37
		1	1	25.68	25.65	25.57	23.30	23.26	23.24	24.51	24.77	24.88	22.04	22.59	**22.61**
		1	214	25.62	25.53	**25.70**	23.32	23.45	**23.70**	24.81	24.91	**25.00**	22.58	22.55	22.58
		1	215	25.46	25.31	25.41	23.10	23.25	23.41	24.67	24.82	24.61	22.34	22.34	22.24
		108	54	25.51	25.45	25.48	23.12	23.24	23.32	24.66	24.79	24.79	22.39	22.50	22.49
		216	0	25.36	25.26	25.32	23.00	23.09	23.17	24.49	24.61	24.61	22.16	22.34	22.29
	QPSK	1	0	24.95	24.69	24.78	22.46	22.59	22.51	23.85	24.15	24.12	21.31	21.84	21.85
		1	1	25.57	25.41	25.51	23.26	23.31	23.25	24.59	24.79	**24.84**	22.16	22.55	22.61
		1	214	**25.62**	25.45	25.43	23.31	23.42	**23.53**	**24.84**	24.82	24.77	22.55	**22.70**	22.60
		1	215	24.98	24.82	24.81	22.57	22.72	22.87	24.21	24.14	24.09	21.95	22.00	21.87
		108	54	25.57	25.47	25.55	23.23	23.30	23.41	24.72	24.81	24.82	22.47	22.57	22.55
		216	0	24.90	24.76	24.85	22.50	22.60	22.68	24.01	24.15	24.10	21.76	21.84	21.85
	16QAM	1	0	23.78	23.38	23.78	21.39	21.36	21.63	22.94	23.41	22.95	20.28	20.60	21.03
		1	1	24.85	24.31	24.69	22.53	22.73	22.70	24.18	24.26	23.95	21.51	21.76	22.10
		1	214	**24.90**	24.55	24.75	22.59	22.55	**22.92**	**24.55**	24.50	24.12	22.08	**22.26**	21.97
		1	215	23.87	23.48	23.60	21.37	21.58	21.90	23.30	23.56	23.05	20.76	21.24	20.64
		108	54	24.82	24.83	24.82	22.61	22.55	22.65	24.00	24.07	24.11	21.77	21.89	21.79
		216	0	23.85	23.82	23.87	21.58	21.58	21.68	23.01	23.07	23.09	20.79	20.81	20.94
	64QAM	1	0	23.18	23.59	23.29	21.20	21.34	21.19	22.43	22.96	23.17	19.67	19.99	20.41
		1	1	23.56	**23.72**	23.28	21.33	21.47	21.47	22.36	23.05	23.15	19.73	20.41	**20.62**
		1	214	23.46	23.60	23.40	21.26	21.50	**21.77**	22.61	23.04	23.08	20.52	20.33	20.22
		1	215	23.42	23.66	23.37	21.12	21.69	21.55	22.73	**23.28**	23.18	20.19	**20.62**	20.15
		108	54	23.34	23.33	23.34	21.05	20.99	21.14	22.63	22.61	22.58	20.23	20.28	20.37
		216	0	23.32	23.34	23.35	21.05	20.99	21.20	22.56	22.62	22.55	20.22	20.30	20.34
	256QAM	1	0	21.22	21.21	21.43	19.23	19.01	19.57	20.61	20.56	20.50	18.08	18.10	18.40
		1	1	21.17	21.15	**21.46**	19.24	19.26	19.55	20.45	20.72	20.44	17.87	18.29	18.39
		1	214	21.25	21.09	21.38	19.25	19.44	19.92	**20.90**	20.79	20.46	**18.56**	18.41	18.14
		1	215	21.13	21.21	21.45	19.29	19.25	**19.99**	20.72	20.76	20.72	18.43	18.01	18.52
		108	54	21.30	21.25	21.28	19.01	19.09	19.19	20.54	20.51	20.62	18.33	18.42	18.32
		216	0	21.30	21.29	21.27	19.07	19.13	19.28	20.58	20.60	20.69	18.20	18.38	18.33

8.2. LTE BAND 12 AND 5G NR n12

LTE BAND 12

Test Engineer ID:	32061	Test Date:	4/25/2023

OUTPUT POWER FOR LTE BAND 12 (1.4 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 1			ANT 2			ANT 3		
				23017	23095	23173	23017	23095	23173	23017	23095	23173
				699.7	707.5	715.3	699.7	707.5	715.3	699.7	707.5	715.3
1.4	QPSK	1	0	25.68	25.57	25.48	24.64	24.58	24.56	25.36	25.35	25.31
		1	2	25.68	25.62	25.56	**24.70**	24.67	24.57	**25.40**	25.38	25.37
		1	5	25.67	25.58	25.47	24.64	24.58	24.53	25.38	25.32	25.34
		3	0	25.66	25.60	25.49	24.63	24.66	24.49	25.36	25.31	25.30
		3	1	**25.70**	25.59	25.50	24.67	24.63	24.48	25.36	25.31	25.32
		3	2	25.69	25.59	25.52	24.65	24.60	24.51	25.33	25.33	25.29
		6	0	24.94	24.88	24.80	23.61	23.56	23.51	24.35	24.29	24.27
	16QAM	1	0	25.12	25.13	25.10	23.92	23.91	23.88	24.69	24.62	24.67
		1	2	25.16	25.08	25.13	23.97	**24.05**	23.89	**24.72**	24.67	24.71
		1	5	25.15	25.02	**25.17**	23.99	23.92	23.91	24.67	24.69	24.60
		3	0	**25.17**	25.06	25.01	23.79	23.79	23.72	24.58	24.53	24.48
		3	1	25.14	25.04	24.98	23.82	23.79	23.73	24.52	24.54	24.49
		3	2	25.15	25.08	24.99	23.85	23.79	23.72	24.54	24.55	24.48
		6	0	23.98	23.96	23.86	22.67	22.69	22.57	23.43	23.42	23.29
	64QAM	1	0	24.15	24.11	23.99	22.75	22.71	22.67	23.64	23.46	23.57
		1	2	24.19	**24.21**	24.00	**22.91**	22.78	22.70	**23.69**	23.52	23.67
		1	5	24.17	24.17	23.97	22.77	22.70	22.63	23.63	23.44	23.57
		3	0	24.04	23.97	23.84	22.78	22.78	22.70	23.47	23.48	23.44
		3	1	24.03	24.00	23.78	22.78	22.77	22.74	23.45	23.45	23.43
		3	2	24.04	23.97	23.77	22.74	22.76	22.66	23.44	23.45	23.45
		6	0	22.96	22.90	22.80	21.70	21.62	21.66	22.40	22.44	22.31
	256QAM	1	0	21.01	20.97	20.82	19.69	19.64	19.54	20.30	20.34	20.40
		1	2	**21.09**	21.07	20.91	**19.82**	19.75	19.62	**20.50**	20.45	**20.50**
		1	5	20.99	21.00	20.86	19.69	19.62	19.53	20.41	20.44	20.37
		3	0	21.01	20.94	20.93	19.72	19.67	19.56	20.38	20.35	20.32
		3	1	21.04	20.97	20.93	19.68	19.67	19.57	20.38	20.39	20.32
		3	2	21.00	20.95	20.89	19.71	19.64	19.56	20.37	20.39	20.31
		6	0	20.88	20.85	20.79	19.69	19.55	19.43	20.26	20.31	20.41

OUTPUT POWER FOR LTE BAND 12 (3.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 1			ANT 2			ANT 3		
				23025	23095	23165	23025	23095	23165	23025	23095	23165
				700.5	707.5	714.5	700.5	707.5	714.5	700.5	707.5	714.5
3.0	QPSK	1	0	25.65	25.50	25.41	24.61	24.59	24.56	25.25	25.26	25.23
		1	7	**25.70**	25.69	25.54	**24.70**	**24.70**	24.65	**25.40**	25.38	25.32
		1	14	25.59	25.49	25.44	24.62	24.60	24.54	25.23	25.24	25.25
		8	0	24.96	24.85	24.74	23.71	23.61	23.62	24.33	24.24	24.24
		8	4	25.00	24.95	24.78	23.71	23.70	23.65	24.39	24.35	24.25
		8	7	25.00	24.95	24.78	23.70	23.73	23.64	24.37	24.33	24.26
		15	0	24.96	24.91	24.73	23.68	23.66	23.58	24.33	24.31	24.21
	16QAM	1	0	25.18	25.24	25.13	23.95	23.93	23.87	24.58	24.60	24.55
		1	7	25.28	**25.41**	25.25	**24.07**	24.06	23.97	24.66	24.69	**24.71**
		1	14	25.16	25.21	25.14	23.95	23.93	23.80	24.56	24.58	24.56
		8	0	24.06	23.93	23.77	22.75	22.65	22.68	23.38	23.33	23.28
		8	4	24.07	24.01	23.83	22.76	22.74	22.70	23.43	23.41	23.33
		8	7	24.06	24.01	23.82	22.75	22.75	22.69	23.40	23.40	23.29
		15	0	24.02	23.94	23.75	22.69	22.74	22.66	23.38	23.34	23.23
	64QAM	1	0	24.14	24.06	23.92	22.83	22.97	22.86	23.55	23.63	23.55
		1	7	**24.25**	24.23	24.06	22.91	**23.03**	22.90	23.73	23.62	23.55
		1	14	24.17	24.16	23.93	22.90	22.95	22.82	23.66	**23.74**	23.59
		8	0	22.96	22.85	22.79	21.71	21.61	21.69	22.37	22.26	22.28
		8	4	23.00	22.98	22.82	21.79	21.74	21.74	22.42	22.37	22.31
		8	7	22.99	22.96	22.81	21.76	21.70	21.73	22.39	22.36	22.27
		15	0	22.95	22.91	22.75	21.72	21.72	21.65	22.36	22.37	22.22
	256QAM	1	0	20.92	20.87	20.85	19.74	19.65	19.68	20.27	20.33	20.28
		1	7	21.08	**21.10**	21.01	19.87	**19.88**	19.78	20.45	20.47	**20.49**
		1	14	20.98	20.94	20.86	19.69	19.74	19.68	20.31	20.46	20.30
		8	0	20.99	20.84	20.79	19.69	19.62	19.64	20.34	20.28	20.24
		8	4	21.03	20.95	20.82	19.73	19.74	19.67	20.37	20.40	20.27
		8	7	21.01	20.96	20.75	19.71	19.73	19.63	20.33	20.36	20.23
		15	0	20.96	20.93	20.76	19.69	19.67	19.60	20.33	20.35	20.21

OUTPUT POWER FOR LTE BAND 12 (5.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 1			ANT 2			ANT 3		
				23035	23095	23155	23035	23095	23155	23035	23095	23155
				701.5	707.5	713.5	701.5	707.5	713.5	701.5	707.5	713.5
5.0	QPSK	1	0	25.59	25.53	25.56	24.54	24.58	24.56	25.28	25.29	25.09
		1	12	**25.70**	25.69	25.56	24.69	**24.70**	24.65	**25.40**	**25.40**	25.16
		1	24	25.56	25.51	25.44	24.56	24.55	24.51	25.28	25.28	25.28
		12	0	24.87	24.82	24.75	23.56	23.58	23.51	24.26	24.28	23.92
		12	6	24.96	24.93	24.87	23.66	23.69	23.50	24.35	24.37	24.20
		12	11	24.92	24.90	24.82	23.63	23.64	23.56	24.32	24.31	24.37
		25	0	24.94	24.89	24.81	23.60	23.66	23.51	24.32	24.34	24.23
	16QAM	1	0	25.30	25.14	24.96	23.93	23.97	23.95	24.66	24.65	24.45
		1	12	**25.40**	25.39	25.07	24.05	**24.07**	23.96	24.74	**24.78**	24.49
		1	24	25.25	25.14	25.09	23.88	23.94	23.91	24.67	24.70	24.72
		12	0	23.94	24.00	23.86	22.58	22.46	22.61	23.31	23.31	23.00
		12	6	24.01	24.11	23.95	22.65	22.58	22.61	23.39	23.41	23.26
		12	11	23.97	24.07	23.89	22.63	22.52	22.64	23.37	23.38	23.37
		25	0	23.92	23.93	23.85	22.62	22.64	22.52	23.37	23.37	23.33
	64QAM	1	0	24.04	23.98	23.93	22.95	22.93	22.83	23.60	23.53	23.50
		1	12	**24.05**	24.03	24.01	**22.99**	22.96	22.92	**23.67**	23.66	23.51
		1	24	23.99	23.89	23.94	22.87	22.95	22.77	23.49	23.53	23.54
		12	0	22.91	22.87	22.78	21.56	21.63	21.57	22.37	22.28	22.02
		12	6	23.02	22.96	22.87	21.65	21.76	21.58	22.45	22.37	22.26
		12	11	22.97	22.92	22.84	21.64	21.69	21.62	22.39	22.36	22.32
		25	0	22.96	22.92	22.83	21.65	21.64	21.52	22.36	22.36	22.33
	256QAM	1	0	21.06	20.90	20.94	19.64	19.68	19.60	20.33	20.35	20.32
		1	12	**21.14**	21.06	21.04	19.76	**19.88**	19.76	20.50	**20.54**	20.33
		1	24	21.02	20.96	20.97	19.66	19.69	19.62	20.44	20.36	20.42
		12	0	20.87	20.85	20.77	19.59	19.56	19.52	20.25	20.28	20.03
		12	6	20.98	20.96	20.86	19.66	19.70	19.56	20.38	20.36	20.25
		12	11	20.91	20.92	20.81	19.62	19.62	19.59	20.34	20.35	20.32
		25	0	20.91	20.90	20.84	19.64	19.65	19.51	20.35	20.30	20.33

OUTPUT POWER FOR LTE BAND 12 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 1			ANT 2			ANT 3		
				23060	23095	23130	23060	23095	23130	23060	23095	23130
				704.0	707.5	711.0	704.0	707.5	711.0	704.0	707.5	711.0
10.0	QPSK	1	0	25.68	**25.70**	25.62	24.67	**24.70**	24.67	**25.40**	25.38	25.39
		1	24	25.62	25.66	25.57	24.66	24.65	**24.70**	25.35	25.36	25.24
		1	49	25.58	25.54	25.47	24.59	24.55	24.52	25.27	25.11	25.35
		25	0	24.91	24.91	24.84	23.63	23.64	23.61	24.31	24.33	24.32
		25	12	24.99	24.99	24.91	23.71	23.70	23.58	24.39	24.43	24.32
		25	24	24.93	24.92	24.85	23.67	23.67	23.62	24.36	24.36	24.25
		50	0	24.96	24.88	24.87	23.68	23.59	23.58	24.38	24.38	24.31
	16QAM	1	0	**25.45**	25.42	25.34	**24.03**	24.01	24.02	**24.79**	24.76	24.78
		1	24	25.32	25.30	25.12	23.95	23.90	23.96	24.67	24.67	24.30
		1	49	25.31	25.07	25.20	23.98	23.89	23.91	24.69	24.31	24.63
		25	0	23.91	23.97	23.82	22.67	22.62	22.62	23.36	23.30	23.31
		25	12	24.01	24.00	23.91	22.75	22.67	22.62	23.43	23.38	23.35
		25	24	23.98	23.97	23.86	22.70	22.62	22.65	23.40	23.38	23.30
		50	0	23.97	23.88	23.91	22.69	22.58	22.56	23.38	23.40	23.33
	64QAM	1	0	**24.15**	24.12	24.12	**22.99**	22.98	22.96	23.63	**23.71**	23.64
		1	24	24.13	24.13	24.09	22.95	22.96	22.96	23.69	23.66	23.68
		1	49	24.03	24.02	23.99	22.95	22.88	22.77	23.62	23.53	23.57
		25	0	22.91	22.90	22.85	21.64	21.62	21.61	22.30	22.34	22.33
		25	12	22.99	22.98	22.92	21.72	21.71	21.62	22.38	22.44	22.34
		25	24	22.95	22.93	22.86	21.67	21.65	21.65	22.35	22.40	22.34
		50	0	22.97	22.86	22.90	21.71	21.62	21.58	22.36	22.40	22.32
	256QAM	1	0	21.05	21.00	20.91	19.79	19.78	19.80	20.40	20.42	20.49
		1	24	**21.14**	21.08	21.00	**19.88**	**19.88**	19.87	20.50	20.50	**20.59**
		1	49	21.00	20.99	20.89	19.78	19.77	19.69	20.42	20.44	20.45
		25	0	20.91	20.90	20.82	19.65	19.61	19.61	20.29	20.32	20.31
		25	12	20.98	20.97	20.91	19.71	19.68	19.57	20.37	20.41	20.33
		25	24	20.94	20.94	20.87	19.66	19.65	19.61	20.33	20.36	20.35
		50	0	20.95	20.85	20.90	19.66	19.58	19.55	20.33	20.37	20.30

5G NR n12

Test Engineer ID:	50822	Test Date:	3/31/2023

OUTPUT POWER FOR 5G NR n12 (5.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 1			ANT 2			ANT 3		
				140300	141500	142700	140300	141500	142700	140300	141500	142700
				701.5	707.5	713.5	701.5	707.5	713.5	701.5	707.5	713.5
5.0	BPSK	1	0	25.55	25.47	25.35	24.24	24.31	24.40	25.10	25.15	25.01
		1	1	**25.70**	25.58	25.57	24.43	24.55	**24.63**	25.29	**25.38**	25.24
		1	23	25.65	25.59	25.55	24.39	24.53	24.59	25.27	25.28	25.24
		1	24	25.43	25.37	25.28	24.20	24.23	24.39	25.12	25.10	25.04
		12	6	25.60	25.65	25.51	24.44	24.46	24.60	25.30	25.26	25.28
		25	0	25.37	25.38	25.24	24.18	24.29	24.36	25.07	25.07	25.11
	QPSK	1	0	24.90	24.95	24.62	23.74	23.87	23.81	24.47	24.54	23.91
		1	1	25.60	25.54	25.52	24.68	**24.70**	24.61	**25.40**	25.20	25.18
		1	23	25.51	25.57	25.46	24.54	24.57	24.53	25.30	25.26	25.25
		1	24	24.83	24.85	24.78	23.73	23.85	23.81	24.51	24.53	24.52
		12	6	25.60	**25.63**	25.51	24.56	24.51	24.59	25.33	25.34	24.97
		25	0	24.90	24.98	24.69	23.83	23.81	23.90	24.55	24.59	24.05
	16QAM	1	0	23.80	23.71	24.05	22.76	22.70	22.68	23.59	23.34	23.10
		1	1	24.80	24.72	25.00	23.80	23.78	23.71	**24.70**	24.23	23.97
		1	23	24.72	24.61	**25.11**	23.76	23.66	23.67	24.67	24.32	24.53
		1	24	23.72	23.64	24.03	22.70	22.76	22.64	23.66	23.25	23.61
		12	6	24.86	24.96	24.68	**23.92**	23.84	23.80	24.58	24.66	23.89
		25	0	23.83	23.94	23.68	22.86	22.90	22.93	23.62	23.63	23.10
	64QAM	1	0	23.63	23.24	23.35	22.58	22.75	**22.87**	**23.70**	23.62	22.90
		1	1	**23.65**	23.19	23.35	22.70	22.71	22.77	23.62	23.50	22.94
		1	23	23.56	23.22	23.45	22.58	22.64	22.69	23.53	23.49	23.50
		1	24	23.57	23.15	23.47	22.56	22.73	22.76	23.58	23.63	23.45
		12	6	23.38	23.41	23.06	22.34	22.33	22.41	23.11	23.13	22.40
		25	0	23.42	23.50	23.24	22.34	22.31	22.37	23.14	23.09	22.59
	256QAM	1	0	21.44	21.22	21.25	20.54	20.47	20.51	21.20	21.28	21.16
		1	1	**21.52**	21.26	21.38	20.55	20.43	20.52	21.34	**21.37**	21.22
		1	23	21.41	21.17	21.29	20.56	20.47	**20.59**	21.28	21.31	21.19
		1	24	21.48	21.17	21.33	20.47	20.40	20.57	21.27	**21.37**	21.17
		12	6	21.38	21.33	21.39	20.24	20.32	20.25	21.17	20.92	20.82
		25	0	21.47	21.35	21.40	20.30	20.30	20.32	21.17	21.05	21.00

OUTPUT POWER FOR 5G NR n12 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 1			ANT 2			ANT 3		
				140800	141500	142200	140800	141500	142200	140800	141500	142200
				704.0	707.5	711.0	704.0	707.5	711.0	704.0	707.5	711.0
10.0	BPSK	1	0	25.50	25.52	25.43	24.48	24.45	24.55	25.19	25.21	25.28
		1	1	**25.70**	25.60	25.55	**24.70**	24.64	24.58	25.33	25.34	**25.36**
		1	50	25.57	25.53	25.44	24.47	24.57	24.51	25.29	25.29	25.33
		1	51	25.38	25.27	25.23	24.26	24.38	24.31	25.06	25.04	25.04
		25	12	25.57	25.58	25.50	24.53	24.48	24.53	25.18	25.21	25.29
		50	0	25.36	25.43	25.38	24.38	24.40	24.30	25.03	25.09	25.02
	QPSK	1	0	24.98	24.93	24.99	23.98	23.97	23.94	24.67	24.38	24.74
		1	1	**25.67**	25.64	25.60	24.59	**24.68**	24.57	25.31	25.36	**25.40**
		1	50	25.53	25.53	25.52	24.44	24.60	24.51	25.24	24.77	25.30
		1	51	24.87	24.56	24.79	23.76	23.72	23.78	24.58	23.81	24.50
		25	12	25.59	25.57	25.54	24.53	24.54	24.50	25.26	25.26	25.00
		50	0	25.00	24.92	24.88	23.84	23.82	23.78	24.65	24.59	24.26
	16QAM	1	0	23.82	23.94	24.07	22.84	23.04	23.03	23.75	23.59	23.39
		1	1	24.80	24.88	**25.10**	23.93	**24.12**	23.88	**24.70**	24.53	24.44
		1	50	24.74	24.71	24.87	23.71	**24.12**	23.79	24.65	23.98	24.37
		1	51	23.76	23.68	23.98	22.69	22.91	22.77	23.58	22.99	23.26
		25	12	24.88	24.90	24.88	23.92	23.81	23.78	24.57	24.57	24.23
		50	0	23.93	23.96	23.93	22.86	22.81	22.74	23.67	23.58	23.34
	64QAM	1	0	23.59	23.58	23.56	22.71	22.73	22.71	**23.66**	23.62	23.37
		1	1	**23.63**	23.38	23.54	22.73	**22.75**	22.65	23.58	23.47	23.27
		1	50	23.48	23.45	23.38	22.41	22.73	22.53	23.47	22.91	22.98
		1	51	23.50	23.34	23.44	22.64	22.66	22.45	23.49	23.03	23.14
		25	12	23.37	23.43	23.41	22.35	22.36	22.36	23.01	23.06	22.69
		50	0	23.42	23.35	23.43	22.38	22.33	22.32	23.11	23.07	22.84
	256QAM	1	0	21.23	**21.51**	21.50	20.43	20.42	20.45	21.00	21.09	21.16
		1	1	21.20	21.44	21.35	**20.64**	20.58	20.42	21.19	20.98	**21.27**
		1	50	21.29	21.45	21.41	20.43	20.58	20.57	21.02	21.04	21.25
		1	51	21.20	21.50	21.40	20.53	20.56	20.49	21.10	21.03	21.24
		25	12	21.47	21.38	21.45	20.42	20.38	20.41	21.14	20.99	21.08
		50	0	21.45	21.40	21.33	20.35	20.30	20.33	21.09	21.04	21.10

OUTPUT POWER FOR 5G NR n12 (15.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 1			ANT 2			ANT 3		
				141300	141500	141700	141300	141500	141700	141300	141500	141700
				706.5	707.5	708.5	706.5	707.5	708.5	706.5	707.5	708.5
15.0	BPSK	1	0	25.51	25.46	25.51	24.44	24.36	24.43	25.14	25.17	25.11
		1	1	**25.66**	25.63	25.62	24.59	24.59	**24.70**	25.35	**25.37**	25.31
		1	77	25.43	25.47	25.49	24.49	24.50	24.48	25.25	25.09	25.07
		1	78	25.29	25.31	25.22	24.26	24.20	24.15	24.94	24.94	24.91
		36	18	25.41	25.40	25.48	24.46	24.43	24.39	25.22	25.13	25.15
		75	0	25.31	25.31	25.34	24.24	24.31	24.31	25.04	25.03	25.04
	QPSK	1	0	24.89	24.99	25.02	23.91	23.95	23.93	24.32	24.37	24.54
		1	1	25.65	**25.70**	25.60	24.65	24.63	**24.66**	25.27	25.31	**25.40**
		1	77	25.34	25.48	25.58	24.42	24.41	24.51	24.72	25.11	25.22
		1	78	24.40	24.78	24.78	23.68	23.67	23.77	23.70	24.23	24.42
		36	18	25.53	25.47	25.55	24.56	24.52	24.53	25.26	25.27	25.27
		75	0	24.85	24.85	24.76	23.82	23.82	23.85	24.42	24.43	24.38
	16QAM	1	0	23.81	24.04	23.94	22.90	22.55	23.02	23.45	23.55	23.46
		1	1	24.73	24.86	**24.89**	23.92	23.76	**24.04**	24.32	24.43	24.53
		1	77	24.55	24.63	24.69	23.85	23.54	23.75	23.83	24.21	24.40
		1	78	23.52	23.73	23.74	22.80	22.64	22.76	22.87	23.33	23.54
		36	18	24.80	24.87	24.83	23.77	23.74	23.75	**24.54**	24.52	24.52
		75	0	23.95	23.97	23.87	22.82	22.82	22.82	23.57	23.45	23.53
	64QAM	1	0	23.57	**23.62**	23.39	22.56	22.75	22.88	23.35	23.31	**23.78**
		1	1	23.59	23.59	23.37	22.38	22.75	**22.94**	23.32	23.28	23.71
		1	77	23.36	23.33	23.16	22.26	22.57	22.72	22.75	23.08	23.53
		1	78	23.39	23.35	23.13	22.35	22.64	22.68	22.77	23.06	23.53
		36	18	23.26	23.26	23.30	22.32	22.31	22.36	23.07	23.06	23.05
		75	0	23.39	23.38	23.24	22.35	22.35	22.34	23.07	23.05	23.02
	256QAM	1	0	21.33	**21.72**	21.46	20.54	20.67	20.50	**21.34**	21.32	21.31
		1	1	21.26	21.59	21.41	**20.68**	20.60	20.53	21.27	21.26	21.27
		1	77	21.03	21.43	21.39	20.31	20.53	20.49	20.95	21.11	21.16
		1	78	20.87	21.40	21.23	20.44	20.48	20.44	21.01	21.03	21.05
		36	18	21.35	21.30	21.27	20.30	20.28	20.28	21.00	21.01	20.99
		75	0	21.35	21.30	21.27	20.30	20.28	20.25	20.95	20.99	21.06

8.3. LTE BAND 13

Test Engineer ID:	32061	Test Date:	4/25/2023

OUTPUT POWER FOR LTE BAND 13 (5.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 1			ANT 2			ANT 3		
				23205	23230	23255	23205	23230	23255	23205	23230	23255
				779.5	782.0	784.5	779.5	782.0	784.5	779.5	782.0	784.5
5.0	QPSK	1	0	25.46	25.60	25.52	24.61	24.58	24.57	25.34	25.27	25.21
		1	12	25.58	**25.70**	25.66	24.68	**24.70**	24.64	25.37	**25.40**	25.31
		1	24	25.47	25.60	25.50	24.57	24.53	24.55	25.26	25.19	25.20
		12	0	24.75	24.88	24.79	23.53	23.51	23.52	24.34	24.26	24.18
		12	6	24.89	25.00	24.93	23.63	23.63	23.62	24.37	24.28	24.27
		12	11	24.85	24.97	24.91	23.61	23.58	23.59	24.32	24.24	24.23
		25	0	24.87	25.00	24.93	23.62	23.59	23.60	24.32	24.27	24.25
	16QAM	1	0	25.16	25.42	25.28	23.95	24.02	23.89	**24.76**	24.59	24.59
		1	12	25.42	**25.47**	25.45	**24.13**	24.06	24.05	**24.76**	24.69	24.64
		1	24	25.23	25.37	25.29	23.95	23.94	23.95	24.64	24.59	24.56
		12	0	23.87	24.05	24.06	22.58	22.62	22.57	23.43	23.26	23.38
		12	6	23.99	24.17	24.16	22.66	22.72	22.67	23.46	23.29	23.46
		12	11	23.98	24.10	24.15	22.63	22.70	22.63	23.41	23.24	23.45
		25	0	23.98	24.06	24.04	22.62	22.63	22.61	23.31	23.29	23.26
	64QAM	1	0	24.14	24.12	24.04	22.87	22.82	22.91	**23.64**	23.57	23.54
		1	12	**24.19**	24.09	24.11	**22.93**	22.88	**22.93**	23.62	23.55	23.56
		1	24	24.12	24.09	24.01	22.91	22.77	22.83	23.55	23.45	23.50
		12	0	22.95	22.95	22.90	21.59	21.49	21.59	22.36	22.23	22.17
		12	6	23.05	23.09	23.02	21.69	21.59	21.72	22.37	22.27	22.28
		12	11	23.02	23.04	23.00	21.64	21.57	21.67	22.31	22.23	22.23
		25	0	23.03	23.02	22.96	21.65	21.61	21.62	22.31	22.28	22.26
	256QAM	1	0	21.06	21.02	21.01	19.66	19.58	19.63	20.42	20.26	20.33
		1	12	**21.22**	21.14	21.15	**19.86**	19.69	19.73	20.42	**20.44**	20.31
		1	24	21.14	21.04	21.06	19.72	19.58	19.66	20.33	20.26	20.22
		12	0	20.94	20.89	20.87	19.56	19.51	19.52	20.29	20.26	20.19
		12	6	21.01	21.00	20.97	19.63	19.66	19.63	20.32	20.29	20.27
		12	11	20.97	20.94	20.93	19.62	19.60	19.61	20.29	20.22	20.23
		25	0	20.97	20.96	20.93	19.62	19.61	19.61	20.28	20.25	20.23

OUTPUT POWER FOR LTE BAND 13 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 1			ANT 2			ANT 3		
				N/A	23230	N/A	N/A	23230	N/A	N/A	23230	N/A
				N/A	782.0	N/A	N/A	782.0	N/A	N/A	782.0	N/A
10.0	QPSK	1	0		25.63			24.68			**25.40**	
		1	24		**25.70**			**24.70**			25.35	
		1	49		25.64			24.60			25.24	
		25	0		25.00			23.64			24.42	
		25	12		25.09			23.73			24.38	
		25	24		25.06			23.65			24.30	
		50	0		25.11			23.71			24.38	
	16QAM	1	0		25.13			**24.08**			**24.80**	
		1	24		25.39			23.93			24.61	
		1	49		**25.40**			23.99			24.58	
		25	0		24.13			22.68			23.47	
		25	12		24.19			22.74			23.41	
		25	24		24.14			22.70			23.38	
		50	0		24.17			22.69			23.37	
	64QAM	1	0		24.32			22.95			**23.71**	
		1	24		**24.36**			**23.03**			23.70	
		1	49		24.29			22.90			23.55	
		25	0		23.09			21.65			22.42	
		25	12		23.16			21.71			22.40	
		25	24		23.12			21.67			22.31	
		50	0		23.14			21.72			22.38	
	256QAM	1	0		21.14			19.71			20.41	
		1	24		**21.20**			**19.80**			**20.51**	
		1	49		21.08			19.68			20.36	
		25	0		21.02			19.62			20.35	
		25	12		21.09			19.70			20.34	
		25	24		21.05			19.68			20.30	
		50	0		21.07			19.69			20.36	

8.4. LTE BAND 14 AND 5G NR n14

LTE BAND 14

Test Engineer ID:	32061	Test Date:	3/38/2023

OUTPUT POWER FOR LTE BAND 14 (5.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 1			ANT 2			ANT 3		
				23305	23330	23355	23305	23330	23355	23305	23330	23355
				790.5	793.0	795.5	790.5	793.0	795.5	790.5	793.0	795.5
5.0	QPSK	1	0	25.53	25.55	25.55	24.58	24.58	24.60	25.28	25.31	25.28
		1	12	25.66	25.66	**25.70**	24.67	**24.70**	24.65	25.38	**25.40**	25.32
		1	24	25.52	25.56	25.56	24.54	24.57	24.58	25.27	25.26	25.26
		12	0	24.80	24.82	24.81	23.61	23.64	23.54	24.34	24.32	24.23
		12	6	24.89	24.93	24.90	23.63	23.64	23.66	24.34	24.32	24.34
		12	11	24.87	24.91	24.88	23.61	23.62	23.60	24.33	24.28	24.30
		25	0	24.85	24.88	24.90	23.60	23.63	23.53	24.33	24.30	24.30
	16QAM	1	0	25.16	25.16	25.09	23.94	23.92	23.97	24.69	24.69	24.65
		1	12	25.26	**25.39**	25.37	**24.08**	24.05	24.06	**24.78**	24.72	24.71
		1	24	25.19	25.18	25.21	23.94	23.98	23.92	24.64	24.61	24.62
		12	0	23.83	23.78	23.80	22.68	22.66	22.48	23.39	23.21	23.32
		12	6	23.92	23.89	23.91	22.70	22.66	22.61	23.38	23.22	23.44
		12	11	23.92	23.86	23.87	22.65	22.67	22.52	23.35	23.21	23.40
		25	0	23.86	23.90	23.90	22.65	22.66	22.57	23.34	23.35	23.34
	64QAM	1	0	23.91	23.93	23.89	22.91	22.93	22.84	**23.73**	23.63	23.59
		1	12	23.95	23.98	**24.00**	22.91	**22.99**	22.93	23.63	23.65	23.64
		1	24	23.90	23.91	23.95	22.85	22.86	22.88	23.55	23.52	23.50
		12	0	22.80	22.85	22.80	21.68	21.62	21.56	22.33	22.30	22.24
		12	6	22.89	22.96	22.96	21.71	21.65	21.69	22.36	22.29	22.37
		12	11	22.89	22.90	22.92	21.66	21.61	21.63	22.33	22.24	22.32
		25	0	22.89	22.90	22.88	21.66	21.63	21.53	22.33	22.30	22.33
	256QAM	1	0	20.85	20.94	20.85	19.75	19.61	19.62	20.31	20.25	20.31
		1	12	20.95	**21.08**	21.00	**19.83**	19.75	19.75	**20.44**	20.43	20.37
		1	24	21.01	20.97	20.88	19.71	19.66	19.68	20.32	20.32	20.33
		12	0	20.80	20.80	20.75	19.64	19.64	19.55	20.31	20.27	20.23
		12	6	20.93	20.92	20.87	19.69	19.68	19.65	20.35	20.31	20.30
		12	11	20.87	20.87	20.83	19.61	19.63	19.61	20.32	20.27	20.28
		25	0	20.85	20.87	20.81	19.63	19.60	19.53	20.28	20.27	20.24

OUTPUT POWER FOR LTE BAND 14 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 1			ANT 2			ANT 3		
				N/A	23330	N/A	N/A	23330	N/A	N/A	23330	N/A
				N/A	793.0	N/A	N/A	793.0	N/A	N/A	793.0	N/A
10.0	QPSK	1	0		25.64			**24.70**			**25.40**	
		1	24		**25.70**			24.68			25.35	
		1	49		25.65			24.60			25.29	
		25	0		24.88			23.61			24.41	
		25	12		24.97			23.69			24.40	
		25	24		24.98			23.64			24.33	
		50	0		24.97			23.66			24.38	
	16QAM	1	0		**25.31**			**24.05**			**24.72**	
		1	24		25.27			23.89			24.62	
		1	49		25.28			23.90			24.65	
		25	0		23.95			22.66			23.42	
		25	12		24.04			22.72			23.40	
		25	24		24.01			22.71			23.37	
		50	0		24.02			22.69			23.37	
	64QAM	1	0		24.12			**22.95**			**23.66**	
		1	24		**24.18**			22.93			23.64	
		1	49		24.09			22.90			23.51	
		25	0		22.91			21.61			22.40	
		25	12		23.00			21.69			22.38	
		25	24		22.98			21.64			22.34	
		50	0		22.99			21.66			22.37	
	256QAM	1	0		20.97			19.78			20.49	
		1	24		**21.06**			**19.88**			**20.57**	
		1	49		20.98			19.77			20.46	
		25	0		20.93			19.60			20.39	
		25	12		21.01			19.65			20.35	
		25	24		20.95			19.63			20.32	
		50	0		20.99			19.63			20.34	

5G NR n14

Test Engineer ID:	50822	Test Date:	4/3/2023

OUTPUT POWER FOR 5G NR n14 (5.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 1			ANT 2			ANT 3		
				158100	158600	159100	158100	158600	159100	158100	158600	159100
				790.5	793.0	795.5	790.5	793.0	795.5	790.5	793.0	795.5
5.0	BPSK	1	0	23.63	23.70	23.61	22.70	22.69	22.64	23.25	23.40	23.29
		1	1	25.62	**25.70**	25.55	**24.70**	24.62	24.58	25.26	**25.40**	25.31
		1	23	25.59	25.66	25.52	24.54	24.51	24.48	25.32	25.36	25.21
		1	24	23.69	23.70	23.66	22.70	22.67	22.62	23.40	23.39	23.31
		12	6	25.63	25.63	25.61	24.65	24.55	24.54	25.39	25.31	25.25
		25	0	25.42	25.35	25.33	24.36	24.33	24.30	25.12	25.05	25.05
	QPSK	1	0	23.70	23.62	23.65	22.70	22.58	22.67	23.36	23.36	23.40
		1	1	**25.68**	25.58	25.55	24.65	**24.67**	24.63	25.36	25.20	25.37
		1	23	25.67	25.54	25.53	24.57	24.52	24.49	25.31	25.16	25.21
		1	24	23.70	23.55	23.56	22.70	22.59	22.68	23.40	23.23	23.26
		12	6	**25.68**	25.64	25.62	24.60	24.55	24.59	**25.40**	25.35	25.29
		25	0	24.96	24.90	24.84	23.84	23.87	23.80	24.65	24.57	24.55
	16QAM	1	0	23.91	23.72	23.89	22.78	22.97	22.94	23.28	23.54	23.69
		1	1	24.90	24.71	25.01	23.77	**23.99**	23.94	24.32	24.52	24.70
		1	23	24.85	24.62	**25.04**	23.72	23.89	23.80	24.30	24.47	24.54
		1	24	23.77	23.60	23.91	22.76	22.91	22.76	23.29	23.38	23.50
		12	6	24.99	24.84	24.93	23.95	23.94	23.83	**24.75**	24.58	24.51
		25	0	23.96	23.91	23.83	22.87	22.90	22.88	23.68	23.65	23.54
	64QAM	1	0	**23.50**	23.43	23.11	**22.79**	22.67	22.65	23.31	23.32	23.36
		1	1	23.48	23.38	23.25	22.76	22.59	22.69	23.30	23.22	23.36
		1	23	23.43	23.34	23.10	22.70	22.52	22.61	23.38	23.21	23.27
		1	24	23.34	23.36	23.15	22.61	22.51	22.57	**23.39**	23.25	23.25
		12	6	23.34	23.26	23.31	22.38	22.38	22.34	23.14	23.06	23.07
		25	0	23.41	23.29	23.33	22.43	22.40	22.34	23.22	23.08	23.07
	256QAM	1	0	21.32	21.64	21.17	20.58	**20.59**	20.53	21.08	**21.47**	21.21
		1	1	21.38	**21.68**	21.26	20.57	**20.59**	20.55	21.16	21.40	21.28
		1	23	21.37	21.63	21.15	20.56	20.54	20.51	21.18	21.42	21.25
		1	24	21.29	21.67	21.14	20.47	20.57	20.50	21.22	21.41	21.21
		12	6	21.37	21.33	21.27	20.31	20.31	20.20	21.06	21.03	21.00
		25	0	21.45	21.36	21.37	20.32	20.34	20.30	21.13	21.08	21.10

OUTPUT POWER FOR 5G NR n14 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 1			ANT 2			ANT 3		
				N/A	158600	N/A	N/A	158600	N/A	N/A	158600	N/A
				N/A	793.0	N/A	N/A	793.0	N/A	N/A	793.0	N/A
10.0	BPSK	1	0		23.70			22.70			23.40	
		1	1		**25.69**			**24.66**			**25.37**	
		1	50		25.62			24.56			25.28	
		1	51		23.70			22.70			23.40	
		25	12		25.60			24.61			25.30	
		50	0		25.46			24.42			25.10	
	QPSK	1	0		23.70			22.70			23.40	
		1	1		25.59			**24.70**			**25.40**	
		1	50		25.63			24.61			25.28	
		1	51		23.70			22.70			23.40	
		25	12		**25.70**			24.59			25.33	
		50	0		24.99			23.90			24.65	
	16QAM	1	0		23.84			22.92			23.49	
		1	1		24.90			23.93			24.42	
		1	50		24.78			23.74			24.36	
		1	51		23.86			22.80			23.38	
		25	12		**25.03**			**23.97**			**24.65**	
		50	0		24.05			22.91			23.60	
	64QAM	1	0		23.22			**22.95**			**23.42**	
		1	1		23.33			22.94			**23.42**	
		1	50		23.24			22.86			23.30	
		1	51		23.26			22.75			23.35	
		25	12		**23.55**			22.51			23.10	
		50	0		23.53			22.34			23.05	
	256QAM	1	0		**21.48**			**20.54**			21.43	
		1	1		21.44			20.53			21.29	
		1	50		21.43			20.51			**21.44**	
		1	51		21.35			20.45			21.34	
		25	12		21.46			20.39			21.06	
		50	0		**21.48**			20.38			21.10	

8.5. LTE BAND 17

Test Engineer ID:	32061	Test Date:	4/25/2023

OUTPUT POWER FOR LTE BAND 17 (5.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 1			ANT 2			ANT 3		
				23755	23790	23825	23755	23790	23825	23755	23790	23825
				706.5	710.0	713.5	706.5	710.0	713.5	706.5	710.0	713.5
5.0	QPSK	1	0	25.54	25.59	25.58	24.56	24.55	24.59	25.25	25.28	25.29
		1	12	25.67	**25.70**	**25.70**	**24.70**	24.69	**24.70**	25.37	**25.40**	25.38
		1	24	25.53	25.55	25.53	24.55	24.54	24.53	25.29	25.11	25.25
		12	0	24.85	24.84	24.87	23.52	23.53	23.53	24.25	24.25	24.21
		12	6	24.94	24.95	24.94	23.65	23.59	23.55	24.32	24.37	24.28
		12	11	24.93	24.92	24.91	23.58	23.60	23.60	24.31	24.34	24.31
		25	0	24.91	24.92	24.90	23.59	23.59	23.51	24.32	24.32	24.25
	16QAM	1	0	25.18	25.27	25.25	23.90	23.92	23.96	24.58	24.65	24.58
		1	12	25.31	25.37	**25.42**	**24.09**	24.02	23.99	**24.83**	24.80	24.59
		1	24	25.27	25.17	25.10	23.89	23.89	23.91	24.69	24.62	24.60
		12	0	23.86	23.90	23.98	22.44	22.51	22.55	23.33	23.29	23.23
		12	6	23.98	23.99	24.08	22.53	22.62	22.56	23.45	23.40	23.35
		12	11	23.96	23.95	24.04	22.50	22.58	22.59	23.39	23.36	23.36
		25	0	23.91	23.89	23.93	22.60	22.61	22.54	23.31	23.30	23.26
	64QAM	1	0	23.93	23.94	23.97	22.90	22.84	22.80	23.52	23.51	23.56
		1	12	24.04	**24.07**	24.04	**22.91**	**22.91**	22.81	23.64	23.60	**23.68**
		1	24	23.94	23.96	23.94	22.90	22.90	22.73	23.55	23.55	23.48
		12	0	22.86	22.88	22.84	21.67	21.54	21.53	22.29	22.30	22.29
		12	6	22.98	22.96	22.97	21.77	21.61	21.55	22.37	22.41	22.33
		12	11	22.96	22.93	22.93	21.74	21.57	21.59	22.34	22.39	22.38
		25	0	22.94	22.92	22.91	21.65	21.61	21.50	22.33	22.35	22.29
	256QAM	1	0	20.94	21.00	20.93	19.59	19.70	19.69	20.36	20.34	20.37
		1	12	**21.11**	21.02	21.00	19.74	**19.85**	19.66	**20.50**	20.47	20.47
		1	24	20.98	20.93	20.92	19.68	19.70	19.63	20.40	20.38	20.45
		12	0	20.86	20.85	20.82	19.57	19.56	19.51	20.24	20.25	20.28
		12	6	20.94	20.96	20.94	19.65	19.69	19.52	20.34	20.35	20.31
		12	11	20.93	20.91	20.90	19.63	19.61	19.56	20.32	20.32	20.34
		25	0	20.92	20.90	20.90	19.62	19.62	19.51	20.30	20.31	20.27

OUTPUT POWER FOR LTE BAND 17 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 1			ANT 2			ANT 3		
				23780	23790	23800	23780	23790	23800	23780	23790	23800
				709.0	710.0	711.0	709.0	710.0	711.0	709.0	710.0	711.0
10.0	QPSK	1	0	**25.70**	25.67	25.68	24.65	**24.70**	24.69	**25.40**	25.38	25.39
		1	24	25.65	25.67	25.63	24.64	24.65	24.62	25.39	**25.40**	25.39
		1	49	25.63	25.59	25.56	24.54	24.59	24.57	25.31	25.37	25.37
		25	0	24.94	24.92	24.90	23.59	23.60	23.59	24.33	24.33	24.34
		25	12	25.01	25.01	24.91	23.68	23.69	23.68	24.42	24.41	24.37
		25	24	24.98	24.97	24.95	23.63	23.63	23.63	24.39	24.38	24.39
		50	0	24.99	24.99	24.90	23.66	23.66	23.67	24.41	24.41	24.35
	16QAM	1	0	25.39	**25.42**	25.36	**24.11**	24.03	24.04	**24.75**	**24.75**	24.74
		1	24	25.32	25.29	25.29	23.98	23.94	23.90	24.66	24.65	24.65
		1	49	25.39	25.30	25.27	24.06	23.92	23.97	24.66	24.66	24.69
		25	0	23.92	23.93	23.94	22.66	22.62	22.65	23.36	23.35	23.33
		25	12	23.99	24.00	23.92	22.73	22.67	22.70	23.45	23.44	23.35
		25	24	23.95	23.97	23.96	22.70	22.65	22.67	23.42	23.40	23.41
		50	0	24.00	23.96	23.90	22.66	22.64	22.65	23.41	23.44	23.33
	64QAM	1	0	24.21	**24.25**	24.22	22.94	22.95	**22.96**	23.63	23.64	**23.69**
		1	24	24.16	24.22	24.21	22.93	22.94	22.88	23.66	23.65	**23.69**
		1	49	24.10	24.16	24.16	22.84	22.86	22.79	23.62	23.60	23.61
		25	0	22.91	22.91	22.91	21.60	21.61	21.62	22.32	22.34	22.33
		25	12	23.00	22.98	22.93	21.68	21.68	21.68	22.45	22.41	22.35
		25	24	22.95	22.99	22.97	21.63	21.64	21.64	22.38	22.38	22.39
		50	0	22.99	22.97	22.89	21.66	21.67	21.67	22.41	22.42	22.32
	256QAM	1	0	20.96	21.00	20.92	19.71	19.67	19.70	20.32	20.38	20.41
		1	24	21.09	**21.11**	20.98	19.78	**19.82**	19.80	20.48	20.55	**20.56**
		1	49	20.96	21.01	20.91	19.67	19.65	19.63	20.41	20.46	20.45
		25	0	20.88	20.91	20.88	19.59	19.58	19.60	20.30	20.32	20.32
		25	12	20.98	21.00	20.90	19.66	19.66	19.69	20.39	20.41	20.30
		25	24	20.93	20.95	20.93	19.62	19.61	19.63	20.35	20.38	20.36
		50	0	20.97	20.96	20.87	19.65	19.64	19.65	20.37	20.40	20.32

8.6. LTE BAND 25 AND 5G NR n25

LTE BAND 25

Test Engineer ID:	32061	Test Date:	4/25/2023

OUTPUT POWER FOR LTE BAND 25 (1.4 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				26047	26365	26683	26047	26365	26683	26047	26365	26683	26047	26365	26683
				1850.7	1882.5	1914.3	1850.7	1882.5	1914.3	1850.7	1882.5	1914.3	1850.7	1882.5	1914.3
1.4	QPSK	1	0	25.68	25.41	25.52	23.38	23.20	23.32	25.23	25.49	25.45	22.73	22.61	22.83
		1	2	**25.70**	25.47	25.53	23.35	23.24	23.36	25.39	25.47	**25.50**	22.81	22.66	**22.90**
		1	5	25.66	25.44	25.51	23.38	23.23	23.32	25.38	25.43	25.44	22.71	22.58	22.88
		3	0	25.63	25.45	25.51	**23.40**	23.24	23.30	25.42	25.41	25.45	22.74	22.60	22.83
		3	1	25.64	25.43	25.48	23.39	23.26	23.31	25.37	25.44	25.45	22.72	22.62	22.89
		3	2	25.64	25.43	25.44	23.39	23.25	23.33	25.42	25.42	25.46	22.75	22.63	22.85
		6	0	24.95	24.72	24.76	22.37	22.20	22.27	24.47	24.49	24.52	21.73	21.58	21.79
	16QAM	1	0	25.28	24.93	25.08	22.60	22.57	**22.69**	24.59	**24.95**	24.87	22.09	21.94	21.99
		1	2	**25.33**	24.91	25.18	22.60	22.64	**22.69**	24.59	24.88	**24.95**	**22.16**	21.96	22.12
		1	5	25.32	24.92	25.18	22.68	22.57	22.64	24.56	24.93	24.93	22.15	21.97	22.05
		3	0	25.16	24.91	24.95	22.59	22.45	22.50	24.52	24.73	24.72	21.99	21.78	21.96
		3	1	25.15	24.91	24.97	22.56	22.40	22.48	24.37	24.74	24.76	21.98	21.80	21.99
		3	2	25.12	24.90	24.95	22.53	22.40	22.47	24.61	24.70	24.73	22.00	21.80	21.98
		6	0	23.97	23.80	23.86	21.41	21.26	21.32	23.53	23.58	23.57	20.81	20.61	20.84
	64QAM	1	0	**24.14**	23.95	23.97	21.53	21.48	21.47	23.57	23.80	23.80	20.90	20.79	21.09
		1	2	24.13	23.98	24.05	**21.60**	21.50	21.52	23.65	**23.87**	23.79	21.00	21.00	**21.20**
		1	5	**24.14**	23.94	23.99	21.45	21.40	21.41	23.55	23.82	23.76	20.97	20.94	21.13
		3	0	24.11	23.86	23.90	21.55	21.30	21.36	23.42	23.66	23.59	20.86	20.71	20.94
		3	1	24.10	23.88	23.93	21.56	21.32	21.39	23.46	23.70	23.60	20.88	20.73	21.00
		3	2	24.08	23.88	23.92	21.53	21.28	21.39	23.41	23.67	23.65	20.93	20.74	21.00
		6	0	22.99	22.81	22.84	20.40	20.20	20.23	22.24	22.53	22.58	19.77	19.72	19.76
	256QAM	1	0	**21.06**	20.87	20.88	18.44	18.33	18.43	20.35	**20.69**	20.59	17.79	17.69	17.86
		1	2	21.05	20.93	20.93	18.43	18.29	18.41	20.39	20.68	20.57	17.85	17.72	**17.97**
		1	5	20.99	20.89	20.87	**18.51**	18.20	18.32	20.38	20.61	20.58	17.81	17.66	17.96
		3	0	20.96	20.80	20.83	18.37	18.21	18.31	20.28	20.61	20.49	17.79	17.59	17.81
		3	1	20.97	20.80	20.84	18.32	18.19	18.31	20.31	20.60	20.53	17.84	17.60	17.91
		3	2	20.96	20.80	20.82	18.36	18.20	18.30	20.29	20.57	20.52	17.84	17.62	17.88
		6	0	20.72	20.72	20.70	18.39	18.31	18.28	20.15	20.56	20.40	17.65	17.76	17.74

OUTPUT POWER FOR LTE BAND 25 (3.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				26055	26365	26675	26055	26365	26675	26055	26365	26675	26055	26365	26675
				1851.5	1882.5	1913.5	1851.5	1882.5	1913.5	1851.5	1882.5	1913.5	1851.5	1882.5	1913.5
3.0	QPSK	1	0	25.60	25.44	25.38	23.27	23.12	23.16	25.19	25.39	25.44	22.71	22.53	22.79
		1	7	**25.70**	25.54	25.55	**23.40**	23.21	23.26	25.33	**25.50**	25.48	22.83	22.62	**22.90**
		1	14	25.60	25.46	25.44	23.26	23.10	23.14	25.25	25.34	25.41	22.75	22.55	22.75
		8	0	24.96	24.81	24.78	22.35	22.20	22.19	24.36	24.47	24.54	21.80	21.59	21.82
		8	4	24.97	24.85	24.83	22.39	22.22	22.23	24.40	24.56	24.60	21.83	21.62	21.91
		8	7	24.96	24.80	24.83	22.37	22.25	22.22	24.38	24.57	24.60	21.84	21.64	21.91
		15	0	24.94	24.82	24.78	22.34	22.16	22.21	24.36	24.44	24.54	21.81	21.59	21.87
	16QAM	1	0	**25.25**	25.08	25.03	22.60	22.47	22.46	24.62	24.82	24.86	22.09	21.89	22.15
		1	7	25.22	25.14	25.23	**22.74**	22.62	22.63	24.69	24.89	**24.92**	22.21	21.90	**22.23**
		1	14	25.23	25.07	25.10	22.63	22.43	22.52	24.65	24.78	24.82	22.07	21.88	22.09
		8	0	24.00	23.89	23.90	21.40	21.24	21.29	23.39	23.51	23.64	20.89	20.68	20.87
		8	4	24.03	23.94	23.92	21.44	21.24	21.30	23.43	23.61	23.71	20.95	20.72	20.98
		8	7	24.02	23.94	23.91	21.44	21.25	21.31	23.44	23.58	23.70	20.94	20.74	20.99
		15	0	23.99	23.88	23.81	21.38	21.21	21.30	23.38	23.51	23.58	20.82	20.63	20.92
	64QAM	1	0	24.14	24.07	23.96	21.57	21.52	21.46	23.55	23.85	23.82	21.02	20.85	21.13
		1	7	**24.25**	24.10	24.04	**21.68**	21.51	21.49	23.69	23.90	**23.93**	21.17	20.97	**21.24**
		1	14	24.15	24.02	23.94	21.61	21.37	21.43	23.62	23.92	23.84	21.07	20.95	21.10
		8	0	23.01	22.88	22.80	20.37	20.23	20.26	22.42	22.55	22.62	19.81	19.64	19.83
		8	4	23.05	22.94	22.88	20.39	20.26	20.30	22.48	22.68	22.68	19.88	19.68	19.93
		8	7	23.05	22.94	22.85	20.39	20.24	20.29	22.49	22.67	22.67	19.88	19.67	19.96
		15	0	22.97	22.84	22.82	20.36	20.20	20.28	22.38	22.51	22.58	19.83	19.63	19.91
	256QAM	1	0	21.01	20.86	20.86	18.40	18.26	18.24	20.33	20.55	20.67	17.86	17.70	17.93
		1	7	**21.07**	20.97	20.94	**18.55**	18.35	18.39	20.49	**20.72**	**20.72**	18.01	17.79	**18.10**
		1	14	20.99	20.87	20.86	18.47	18.19	18.26	20.43	20.60	20.66	17.89	17.72	17.98
		8	0	20.94	20.84	20.78	18.35	18.15	18.19	20.31	20.50	20.52	17.82	17.60	17.83
		8	4	20.98	20.88	20.84	18.41	18.19	18.23	20.38	20.59	20.58	17.89	17.65	17.95
		8	7	20.97	20.86	20.82	18.39	18.19	18.30	20.37	20.61	20.61	17.86	17.67	17.93
		15	0	20.94	20.85	20.78	18.38	18.17	18.23	20.34	20.49	20.56	17.79	17.62	17.90

OUTPUT POWER FOR LTE BAND 25 (5.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				26065	26365	26665	26065	26365	26665	26065	26365	26665	26065	26365	26665
				1852.5	1882.5	1912.5	1852.5	1882.5	1912.5	1852.5	1882.5	1912.5	1852.5	1882.5	1912.5
5.0	QPSK	1	0	25.55	25.36	25.38	23.22	23.09	23.16	25.12	25.32	25.29	22.57	22.34	22.79
		1	12	**25.70**	25.54	25.52	**23.40**	23.25	23.31	25.28	**25.50**	25.40	22.76	22.51	**22.90**
		1	24	25.51	25.41	25.41	23.23	23.12	23.16	25.24	25.31	25.34	22.65	22.43	22.71
		12	0	24.89	24.63	24.62	22.28	22.07	22.13	24.31	24.40	24.33	21.67	21.39	21.74
		12	6	24.91	24.79	24.67	22.33	22.20	22.16	24.34	24.52	24.49	21.74	21.53	21.76
		12	11	24.87	24.73	24.73	22.31	22.17	22.21	24.35	24.46	24.47	21.68	21.49	21.77
		25	0	24.86	24.73	24.65	22.29	22.16	22.13	24.32	24.40	24.47	21.70	21.47	21.69
	16QAM	1	0	25.27	24.96	25.01	22.69	22.46	22.51	24.56	24.74	24.79	21.99	21.76	22.13
		1	12	**25.33**	25.28	25.21	**22.76**	22.65	22.62	24.71	24.86	**24.91**	22.14	21.93	**22.27**
		1	24	25.22	25.03	24.99	22.60	22.52	22.51	24.71	24.80	24.84	22.03	21.89	22.11
		12	0	23.97	23.64	23.66	21.34	21.12	21.15	23.37	23.45	23.35	20.79	20.39	20.61
		12	6	24.02	23.74	23.70	21.36	21.25	21.18	23.44	23.57	23.49	20.81	20.50	20.63
		12	11	23.96	23.72	23.77	21.33	21.23	21.22	23.41	23.52	23.47	20.80	20.48	20.65
		25	0	23.92	23.78	23.61	21.29	21.20	21.14	23.37	23.43	23.48	20.72	20.47	20.75
	64QAM	1	0	23.95	23.84	23.82	21.54	21.39	21.45	23.39	23.74	23.54	20.86	20.72	20.86
		1	12	**24.02**	23.90	23.93	**21.56**	21.50	21.53	23.56	**23.85**	23.76	**21.02**	20.87	20.84
		1	24	23.92	23.89	23.91	**21.56**	21.37	21.49	23.59	23.72	23.67	20.99	20.83	20.74
		12	0	22.88	22.69	22.63	20.31	20.12	20.26	22.24	22.46	22.35	19.73	19.48	19.61
		12	6	22.90	22.83	22.68	20.33	20.26	20.29	22.34	22.60	22.45	19.78	19.60	19.63
		12	11	22.87	22.81	22.71	20.28	20.21	20.37	22.31	22.53	22.40	19.73	19.59	19.69
		25	0	22.88	22.77	22.66	20.32	20.18	20.15	22.29	22.41	22.43	19.72	19.50	19.59
	256QAM	1	0	20.98	20.74	20.66	18.37	18.18	18.25	20.25	20.45	20.36	17.70	17.51	17.75
		1	12	**21.00**	20.89	20.85	**18.44**	18.30	18.32	20.39	**20.60**	20.52	17.79	17.68	**17.89**
		1	24	20.86	20.89	20.78	18.36	18.21	18.33	20.38	20.49	20.45	17.74	17.67	17.74
		12	0	20.89	20.66	20.66	18.33	18.11	18.11	20.25	20.42	20.31	17.69	17.40	17.62
		12	6	20.89	20.80	20.69	18.35	18.23	18.16	20.28	20.51	20.46	17.76	17.53	17.67
		12	11	20.85	20.77	20.74	18.30	18.17	18.24	20.30	20.44	20.43	17.73	17.50	17.68
		25	0	20.87	20.77	20.65	18.30	18.18	18.15	20.27	20.35	20.41	17.69	17.48	17.62

OUTPUT POWER FOR LTE BAND 25 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				26090	26365	26640	26090	26365	26640	26090	26365	26640	26090	26365	26640
				1855.0	1882.5	1910.0	1855.0	1882.5	1910.0	1855.0	1882.5	1910.0	1855.0	1882.5	1910.0
10.0	QPSK	1	0	**25.70**	25.68	25.47	23.39	23.25	23.34	25.22	**25.50**	25.37	22.78	22.49	22.87
		1	24	25.69	25.55	25.54	**23.40**	23.32	23.35	25.34	25.49	25.45	**22.90**	22.56	22.89
		1	49	25.69	25.58	25.50	23.32	23.24	23.36	25.44	25.38	25.47	22.86	22.57	22.77
		25	0	24.91	24.99	24.82	22.43	22.21	22.24	24.40	24.56	24.43	21.80	21.42	21.81
		25	12	24.95	24.94	24.91	22.44	22.33	22.31	24.47	24.54	24.58	21.94	21.55	21.87
		25	24	25.00	24.92	24.90	22.38	22.30	22.36	24.52	24.58	24.58	21.91	21.56	21.83
		50	0	24.93	24.95	24.88	22.41	22.29	22.26	24.47	24.52	24.55	21.89	21.52	21.86
	16QAM	1	0	25.27	25.18	25.04	**22.79**	22.62	22.65	24.67	24.93	24.81	22.14	21.81	**22.21**
		1	24	**25.30**	25.15	25.18	22.68	22.55	22.62	24.68	24.87	24.78	22.17	21.82	22.14
		1	49	25.27	25.13	25.12	22.68	22.57	22.66	**24.94**	24.86	24.88	22.19	21.92	22.13
		25	0	23.93	24.02	23.84	21.48	21.26	21.30	23.42	23.62	23.44	20.84	20.41	20.82
		25	12	23.95	23.98	23.91	21.47	21.35	21.32	23.49	23.58	23.58	20.95	20.51	20.91
		25	24	24.04	23.94	23.93	21.43	21.34	21.40	23.53	23.59	23.60	20.95	20.53	20.87
		50	0	23.94	23.97	23.91	21.40	21.30	21.28	23.47	23.53	23.56	20.91	20.53	20.89
	64QAM	1	0	24.16	24.08	23.99	**21.72**	21.55	21.68	23.55	**23.86**	23.62	21.13	20.81	21.17
		1	24	**24.19**	24.00	24.01	21.71	21.57	21.59	23.62	**23.86**	23.69	21.20	20.71	21.08
		1	49	24.15	24.06	24.01	21.63	21.55	21.59	23.69	23.76	23.69	**21.23**	20.83	21.09
		25	0	22.92	23.00	22.82	20.46	20.26	20.27	22.39	22.54	22.39	19.86	19.45	19.84
		25	12	22.95	22.95	22.92	20.47	20.38	20.32	22.49	22.53	22.52	19.97	19.56	19.92
		25	24	22.99	22.93	22.93	20.46	20.33	20.37	22.53	22.55	22.51	19.98	19.58	19.87
		50	0	22.93	22.97	22.91	20.45	20.31	20.28	22.47	22.50	22.47	19.93	19.52	19.88
	256QAM	1	0	20.99	20.93	20.79	18.46	18.38	18.42	20.35	20.66	20.42	17.98	17.54	17.95
		1	24	**21.07**	20.92	20.89	18.56	18.49	**18.58**	20.60	**20.73**	20.61	**18.14**	17.68	18.06
		1	49	21.04	20.93	20.99	18.46	18.43	18.55	20.60	20.61	20.57	18.08	17.67	17.92
		25	0	20.90	20.97	20.82	18.44	18.21	18.28	20.38	20.52	20.37	17.81	17.44	17.85
		25	12	20.94	20.93	20.89	18.47	18.31	18.31	20.45	20.53	20.47	17.92	17.57	17.93
		25	24	20.99	20.90	20.89	18.42	18.30	18.34	20.49	20.55	20.50	17.90	17.56	17.88
		50	0	20.94	20.94	20.87	18.42	18.28	18.26	20.41	20.46	20.47	17.83	17.54	17.89

OUTPUT POWER FOR LTE BAND 25 (15.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				26115	26365	26615	26115	26365	26615	26115	26365	26615	26115	26365	26615
				1857.5	1882.5	1907.5	1857.5	1882.5	1907.5	1857.5	1882.5	1907.5	1857.5	1882.5	1907.5
15.0	QPSK	1	0	**25.70**	25.49	25.49	**23.40**	23.22	23.31	25.15	25.46	25.13	22.75	22.47	22.81
		1	37	25.57	25.56	25.54	23.35	23.24	23.31	25.32	25.37	25.29	22.80	22.51	**22.90**
		1	74	25.60	25.52	25.48	23.35	23.19	23.26	**25.50**	25.19	25.30	22.77	22.58	22.76
		36	0	25.01	24.84	24.82	22.48	22.26	22.27	24.41	24.49	24.31	21.88	21.50	21.88
		36	16	24.96	24.93	24.79	22.44	22.33	22.29	24.48	24.45	24.43	21.86	21.58	21.89
		36	35	24.94	24.92	24.86	22.41	22.32	22.36	24.52	24.48	24.47	21.85	21.63	21.93
		75	0	24.97	24.90	24.79	22.40	22.29	22.26	24.47	24.42	24.41	21.84	21.59	21.87
	16QAM	1	0	**25.20**	25.06	25.05	**22.69**	22.52	22.51	24.47	24.72	24.50	22.01	21.73	22.23
		1	37	25.17	**25.20**	25.19	22.67	22.63	22.53	24.72	24.74	24.63	22.09	21.82	**22.32**
		1	74	25.15	25.14	25.11	22.64	22.45	22.51	**24.84**	24.54	24.70	22.05	21.90	22.19
		36	0	24.04	23.86	23.84	21.50	21.27	21.29	23.44	23.53	23.35	20.90	20.54	20.93
		36	16	24.00	23.93	23.82	21.46	21.34	21.31	23.53	23.46	23.46	20.90	20.62	20.90
		36	35	23.96	23.95	23.90	21.44	21.33	21.35	23.55	23.48	23.49	20.88	20.65	20.96
		75	0	23.99	23.93	23.81	21.45	21.32	21.28	23.50	23.44	23.45	20.88	20.61	20.88
	64QAM	1	0	**24.10**	24.01	23.92	**21.64**	21.56	21.52	23.46	**23.79**	23.45	20.95	20.74	21.18
		1	37	24.02	24.03	23.98	21.61	21.55	21.55	23.62	23.76	23.58	21.04	20.76	**21.23**
		1	74	24.08	24.03	23.93	**21.64**	21.53	21.45	23.75	23.62	23.62	21.00	20.87	21.05
		36	0	23.02	22.84	22.85	20.46	20.27	20.24	22.38	22.54	22.31	19.86	19.51	19.91
		36	16	22.97	22.94	22.84	20.43	20.34	20.26	22.46	22.45	22.40	19.89	19.61	19.94
		36	35	22.95	22.95	22.88	20.42	20.32	20.30	22.50	22.50	22.46	19.85	19.64	19.99
		75	0	22.99	22.93	22.82	20.43	20.32	20.25	22.44	22.43	22.42	19.88	19.62	19.90
	256QAM	1	0	20.95	20.81	20.93	18.49	18.35	18.22	20.26	20.58	20.32	17.83	17.77	18.04
		1	37	20.94	20.91	20.96	**18.56**	18.40	18.35	20.50	20.60	20.45	17.98	17.86	**18.18**
		1	74	20.95	21.01	**21.02**	18.54	18.43	18.40	**20.61**	20.48	20.57	17.96	18.00	18.09
		36	0	20.99	20.84	20.82	18.47	18.25	18.26	20.36	20.49	20.29	17.89	17.55	17.96
		36	16	20.95	20.91	20.80	18.43	18.32	18.25	20.45	20.45	20.42	17.91	17.61	17.94
		36	35	20.92	20.91	20.85	18.41	18.30	18.32	20.50	20.47	20.44	17.88	17.66	17.98
		75	0	20.96	20.89	20.81	18.41	18.33	18.25	20.44	20.44	20.42	17.89	17.66	17.93

OUTPUT POWER FOR LTE BAND 25 (20.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				26140	26365	26590	26140	26365	26590	26140	26365	26590	26140	26365	26590
				1860.0	1882.5	1905.0	1860.0	1882.5	1905.0	1860.0	1882.5	1905.0	1860.0	1882.5	1905.0
20.0	QPSK	1	0	**25.70**	25.59	25.56	**23.40**	23.35	23.26	25.22	25.48	25.26	22.73	22.59	22.76
		1	49	25.63	25.64	25.58	23.35	23.26	23.32	25.43	25.41	25.27	22.83	22.51	**22.90**
		1	99	25.59	25.64	25.56	23.29	23.24	23.31	**25.50**	25.21	25.36	22.60	22.68	22.80
		50	0	25.07	24.90	24.89	22.48	22.29	22.32	24.45	24.58	24.33	21.80	21.57	21.88
		50	24	25.04	25.03	24.97	22.46	22.37	22.42	24.62	24.50	24.51	21.89	21.65	21.99
		50	49	24.97	25.00	24.94	22.39	22.34	22.39	24.66	24.47	24.49	21.80	21.66	21.92
		100	0	25.04	24.98	24.97	22.46	22.35	22.41	24.62	24.57	24.47	21.84	21.63	21.93
	16QAM	1	0	25.49	25.23	25.26	22.67	22.56	22.55	24.57	24.81	24.69	21.97	21.88	22.07
		1	49	**25.64**	25.60	25.51	**22.87**	22.73	22.78	24.91	24.86	**25.03**	22.18	22.01	**22.23**
		1	99	25.27	25.34	25.24	22.60	22.56	22.67	24.87	24.55	24.82	21.93	21.91	22.09
		50	0	24.09	23.92	23.90	21.49	21.30	21.33	23.46	23.61	23.35	20.83	20.61	20.89
		50	24	24.03	24.01	23.96	21.47	21.39	21.46	23.64	23.53	23.49	20.92	20.70	20.99
		50	49	24.00	24.02	23.94	21.42	21.37	21.43	23.67	23.51	23.52	20.84	20.69	20.95
		100	0	24.05	24.01	23.98	21.45	21.38	21.42	23.63	23.60	23.48	20.88	20.68	20.96
	64QAM	1	0	24.18	24.00	24.02	21.74	21.55	21.65	23.50	23.97	23.63	20.99	20.83	21.12
		1	49	**24.19**	**24.19**	24.13	**21.83**	21.62	**21.83**	23.89	**24.01**	23.81	21.20	20.96	**21.26**
		1	99	24.03	24.05	23.99	21.56	21.49	21.67	23.82	23.64	23.78	20.84	20.89	21.05
		50	0	23.05	22.94	22.92	20.46	20.30	20.28	22.40	22.58	22.35	19.80	19.60	19.82
		50	24	23.04	23.02	22.99	20.45	20.37	20.39	22.59	22.52	22.47	19.89	19.67	19.94
		50	49	22.99	23.03	22.95	20.37	20.34	20.39	22.64	22.50	22.48	19.81	19.67	19.88
		100	0	23.03	23.01	22.99	20.43	20.37	20.38	22.61	22.57	22.48	19.82	19.67	19.90
	256QAM	1	0	21.14	21.05	21.09	18.48	18.46	18.38	20.44	20.73	20.35	17.91	17.85	17.87
		1	49	21.13	21.16	21.12	18.48	18.46	18.43	20.68	20.63	20.56	**18.06**	17.79	18.00
		1	99	21.22	**21.25**	21.17	18.51	**18.53**	18.52	**20.87**	20.52	20.63	17.93	17.99	17.92
		50	0	21.06	20.91	20.89	18.45	18.31	18.29	20.38	20.54	20.31	17.84	17.62	17.83
		50	24	21.02	21.01	20.99	18.44	18.38	18.37	20.57	20.49	20.46	17.92	17.72	17.95
		50	49	20.99	21.02	20.94	18.41	18.38	18.37	20.64	20.48	20.49	17.85	17.75	17.90
		100	0	21.01	21.01	21.01	18.39	18.38	18.38	20.59	20.54	20.45	17.90	17.71	17.93

5G NR n25

Test Engineer ID:	32061	Test Date:	5/18/2023

OUTPUT POWER FOR 5G NR n25 (5.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				370500	376500	382500	370500	376500	382500	370500	376500	382500	370500	376500	382500
				1852.5	1882.5	1912.5	1852.5	1882.5	1912.5	1852.5	1882.5	1912.5	1852.5	1882.5	1912.5
5.0	BPSK	1	0	25.29	25.42	25.49	23.13	22.99	23.06	25.22	25.13	25.10	22.26	22.19	22.21
		1	1	25.59	25.65	**25.70**	**23.30**	23.08	23.26	**25.50**	25.35	25.35	22.73	22.70	**22.78**
		1	23	25.60	25.64	25.61	23.24	23.20	23.28	25.47	25.30	25.36	22.76	22.70	22.75
		1	24	25.31	25.40	25.43	23.06	22.88	22.97	25.29	25.10	25.14	22.29	22.22	22.25
		12	6	25.56	25.57	25.64	23.23	23.06	23.21	25.38	25.27	25.34	22.73	22.67	22.70
		25	0	25.36	25.40	25.42	22.98	22.83	22.94	25.12	25.03	25.13	22.21	22.16	22.23
	QPSK	1	0	24.80	24.89	24.95	22.61	22.44	22.53	24.69	24.64	24.69	21.87	21.71	21.66
		1	1	25.56	25.67	25.59	**23.40**	23.11	23.21	25.46	25.36	25.46	**22.90**	22.75	22.73
		1	23	25.49	**25.69**	25.59	23.34	23.16	23.23	25.36	25.41	**25.47**	22.86	22.76	22.71
		1	24	24.80	24.91	24.92	22.59	22.44	22.51	24.64	24.42	24.70	21.80	21.71	21.68
		12	6	25.51	25.67	25.68	23.21	23.12	23.21	25.41	25.37	25.37	22.78	22.67	22.73
		25	0	24.92	24.92	24.91	22.59	22.37	22.51	24.69	24.63	24.68	21.78	21.70	21.69
	16QAM	1	0	23.91	23.86	23.90	21.30	21.61	21.41	23.21	23.41	23.56	20.96	20.84	20.93
		1	1	**24.94**	24.89	24.92	22.53	22.63	22.51	24.40	24.56	**24.70**	22.06	21.84	**22.10**
		1	23	24.92	24.87	24.85	22.54	**22.76**	22.53	24.25	24.35	24.62	21.96	21.90	21.97
		1	24	23.86	23.84	23.89	21.43	21.51	21.33	23.19	23.23	23.63	20.88	20.90	20.98
		12	6	24.92	24.92	24.93	22.48	22.33	22.37	24.64	24.59	24.66	21.71	21.62	21.72
		25	0	23.72	23.89	23.93	21.53	21.43	21.43	23.65	23.64	23.67	20.77	20.76	20.77
	64QAM	1	0	23.26	23.35	**23.48**	20.80	20.71	20.72	23.52	23.32	23.63	20.73	20.62	20.66
		1	1	23.34	23.36	23.43	20.72	20.82	20.71	23.48	23.32	**23.65**	**20.74**	20.56	20.64
		1	23	23.36	23.33	23.45	20.69	20.72	20.87	23.51	23.29	23.58	20.68	20.47	20.61
		1	24	23.30	23.37	23.45	20.66	20.77	20.74	23.41	23.24	23.62	20.67	20.56	20.61
		12	6	23.29	23.31	23.37	20.95	20.87	21.01	23.09	23.03	23.20	20.16	20.15	20.17
		25	0	23.40	23.36	23.46	20.97	21.00	**21.07**	23.27	23.06	23.22	20.22	20.21	20.22
	256QAM	1	0	21.24	21.36	21.43	19.51	19.44	**19.60**	21.34	21.26	**21.37**	18.52	18.27	18.19
		1	1	21.22	21.33	**21.60**	19.50	19.34	19.53	21.28	21.26	21.32	18.50	18.27	18.18
		1	23	21.18	21.31	21.50	19.47	19.38	19.55	21.30	21.13	21.22	18.51	18.29	18.21
		1	24	21.09	21.32	21.48	19.41	19.40	19.49	21.29	21.13	21.24	**18.54**	18.27	18.15
		12	6	21.26	21.28	21.37	18.90	18.88	18.96	21.08	21.10	21.22	18.07	18.06	18.06
		25	0	21.37	21.35	21.45	18.89	18.99	18.96	21.24	21.08	21.32	18.22	18.18	18.26

OUTPUT POWER FOR 5G NR n25 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				371000	376500	382000	371000	376500	382000	371000	376500	382000	371000	376500	382000
				1855.0	1882.5	1910.0	1855.0	1882.5	1910.0	1855.0	1882.5	1910.0	1855.0	1882.5	1910.0
10.0	BPSK	1	0	25.26	25.33	25.51	22.78	23.09	23.20	25.05	24.88	25.07	22.29	22.25	22.34
		1	1	25.45	25.52	25.62	22.95	23.17	23.26	25.23	25.14	25.29	**22.85**	22.73	22.80
		1	50	25.40	25.57	25.59	22.86	23.29	**23.40**	25.25	**25.37**	25.31	22.73	22.71	22.80
		1	51	25.20	25.26	25.42	22.70	22.95	23.20	24.93	25.06	25.09	22.27	22.16	22.30
		25	12	25.49	25.62	**25.63**	22.92	23.15	23.18	25.23	25.23	25.25	22.78	22.77	22.75
		50	0	25.25	25.44	25.51	22.76	23.03	23.08	25.04	25.09	25.09	22.31	22.27	22.30
	QPSK	1	0	24.71	24.91	24.97	22.21	22.54	22.60	24.46	24.77	24.62	21.82	21.79	21.78
		1	1	25.43	25.64	25.66	22.93	23.21	23.30	25.20	**25.50**	25.26	22.87	**22.90**	22.78
		1	50	25.39	25.62	25.58	22.84	23.27	**23.33**	25.14	25.33	25.32	22.80	22.78	22.74
		1	51	24.66	24.88	24.55	22.16	22.53	22.25	24.41	24.29	24.55	21.77	21.81	21.74
		25	12	25.43	25.63	**25.70**	22.98	23.23	23.26	25.19	25.37	25.33	22.77	22.75	22.80
		50	0	24.71	24.97	24.99	22.51	22.49	22.55	24.50	24.67	24.65	21.81	21.77	21.80
	16QAM	1	0	23.76	23.55	23.94	21.43	21.61	21.89	23.71	23.71	23.65	20.66	20.60	20.66
		1	1	24.73	24.58	24.95	22.61	22.40	22.67	24.79	**24.80**	24.63	21.57	21.67	21.66
		1	50	24.72	24.66	24.94	22.37	22.62	**22.90**	24.66	24.56	24.55	21.44	21.49	21.56
		1	51	23.72	23.54	23.90	21.34	21.46	21.84	23.59	23.58	23.59	20.52	20.59	20.46
		25	12	24.69	**24.97**	24.96	22.56	22.63	22.58	24.52	24.68	24.67	**21.82**	21.79	21.80
		50	0	23.71	23.93	23.98	21.55	21.54	21.53	23.53	23.67	23.62	20.83	20.83	20.74
	64QAM	1	0	23.08	23.29	**23.51**	20.62	20.69	21.00	23.20	**23.48**	23.44	20.65	20.47	20.47
		1	1	23.15	23.22	23.43	20.70	20.74	21.05	23.23	23.37	23.46	**20.82**	20.49	20.55
		1	50	23.23	23.20	23.49	20.63	20.81	20.97	23.11	23.37	23.35	20.68	20.40	20.49
		1	51	23.03	23.17	23.49	20.66	20.82	20.93	23.09	23.38	23.31	20.55	20.40	20.57
		25	12	23.28	23.47	23.45	21.01	21.10	**21.21**	23.02	23.15	23.06	20.27	20.26	20.30
		50	0	23.38	23.40	23.43	21.05	21.07	21.12	22.97	23.11	23.02	20.27	20.23	20.25
	256QAM	1	0	20.94	21.11	21.27	19.28	19.28	19.41	21.21	21.04	**21.46**	18.48	18.50	18.34
		1	1	21.14	21.12	21.26	19.34	19.27	19.33	21.29	21.01	21.21	**18.54**	18.43	18.29
		1	50	20.97	21.08	21.24	19.30	19.40	19.37	21.07	21.04	21.43	18.48	18.42	18.26
		1	51	20.98	21.15	21.19	19.18	**19.42**	19.38	21.13	21.03	21.35	**18.54**	18.37	18.26
		25	12	21.34	21.36	**21.50**	18.96	19.03	19.09	21.03	21.04	21.04	18.25	18.26	18.29
		50	0	21.33	21.39	21.46	19.03	19.11	19.18	21.02	21.06	21.06	18.27	18.22	18.28

OUTPUT POWER FOR 5G NR n25 (15.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				371500	376500	381500	371500	376500	381500	371500	376500	381500	371500	376500	381500
				1857.5	1882.5	1907.5	1857.5	1882.5	1907.5	1857.5	1882.5	1907.5	1857.5	1882.5	1907.5
15.0	BPSK	1	0	25.26	25.44	25.45	23.19	23.11	23.06	25.20	25.01	25.06	22.30	22.25	22.27
		1	1	25.55	25.51	**25.70**	**23.35**	23.22	23.20	**25.36**	25.23	25.20	22.78	22.76	22.74
		1	77	25.48	25.59	25.59	23.26	23.18	23.15	25.31	25.16	25.30	**22.82**	22.69	22.76
		1	78	25.28	25.43	25.39	23.03	23.01	23.00	25.01	24.96	25.08	22.29	22.16	22.25
		36	18	25.41	25.46	25.52	23.14	22.99	23.03	25.18	25.04	25.00	22.66	22.64	22.63
		75	0	25.25	25.32	25.42	23.04	22.88	22.87	25.07	24.91	24.98	22.20	22.17	22.22
	QPSK	1	0	25.00	24.97	24.94	22.72	22.59	22.54	24.69	24.51	24.45	21.81	21.85	21.81
		1	1	25.65	25.58	**25.67**	**23.40**	23.22	23.13	**25.50**	25.25	25.14	22.78	**22.90**	22.73
		1	77	25.59	25.56	25.19	23.24	23.27	23.17	25.33	25.20	25.24	22.66	22.83	22.84
		1	78	24.88	24.87	24.13	22.56	22.51	22.44	24.58	24.24	24.49	21.66	21.71	21.85
		36	18	25.48	25.59	25.61	23.22	23.08	23.10	25.27	25.15	25.13	22.73	22.70	22.68
		75	0	24.83	24.89	24.97	22.52	22.47	22.43	24.62	24.49	24.49	21.78	21.73	21.74
	16QAM	1	0	24.00	23.93	24.09	21.80	21.28	21.09	23.58	23.34	23.21	20.88	20.83	20.61
		1	1	**25.06**	24.83	24.93	**22.94**	22.24	22.12	**24.58**	24.52	24.27	**21.90**	21.83	21.49
		1	77	24.95	24.92	24.60	22.79	22.23	22.12	24.33	24.21	24.36	21.80	21.70	21.63
		1	78	23.91	24.00	23.48	21.69	21.14	21.06	23.45	23.14	23.34	20.78	20.78	20.61
		36	18	24.81	24.86	24.92	22.60	22.34	22.30	**24.58**	24.43	24.44	21.68	21.65	21.70
		75	0	23.84	23.85	23.94	21.54	21.50	21.42	23.55	23.47	23.38	20.65	20.69	20.70
	64QAM	1	0	**23.49**	23.35	23.32	21.36	21.35	21.33	23.28	23.39	23.29	20.47	20.59	20.53
		1	1	23.37	23.33	23.35	21.38	21.31	21.18	23.37	**23.44**	23.29	20.50	**20.66**	20.45
		1	77	23.36	23.23	23.18	21.42	21.33	21.26	23.14	23.33	23.38	20.49	20.51	20.51
		1	78	23.33	23.28	23.17	**21.47**	21.18	21.24	23.22	23.34	23.40	20.51	20.51	20.62
		36	18	23.24	23.33	23.35	21.00	21.02	20.88	23.07	22.96	23.01	20.21	20.22	20.20
		75	0	23.21	23.34	23.34	21.02	21.02	20.91	23.08	22.96	22.99	20.28	20.21	20.23
	256QAM	1	0	21.40	**21.47**	21.25	19.28	**19.41**	19.26	21.06	20.99	21.08	18.30	18.38	18.37
		1	1	21.40	21.37	21.09	19.20	19.31	19.27	**21.34**	21.13	20.92	18.50	18.45	**18.51**
		1	77	21.20	21.36	21.00	19.19	19.25	19.15	20.98	21.14	20.90	18.29	18.33	18.39
		1	78	21.17	21.31	21.08	19.29	19.21	19.16	20.84	21.09	21.02	18.27	18.33	18.48
		36	18	21.29	21.31	21.35	19.04	18.98	19.00	21.00	20.96	20.99	18.30	18.18	18.19
		75	0	21.22	21.30	21.26	18.97	18.92	18.97	21.01	20.89	20.98	18.22	18.16	18.17

OUTPUT POWER FOR 5G NR n25 (20.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				372000	376500	381000	372000	376500	381000	372000	376500	381000	372000	376500	381000
				1860.0	1882.5	1905.0	1860.0	1882.5	1905.0	1860.0	1882.5	1905.0	1860.0	1882.5	1905.0
20.0	BPSK	1	0	25.43	25.53	25.54	23.16	23.11	22.96	25.11	24.99	24.98	22.34	22.29	22.27
		1	1	25.59	25.62	25.61	**23.40**	23.37	23.25	**25.33**	25.16	25.08	22.88	22.73	22.71
		1	104	25.53	**25.70**	25.66	23.29	23.29	23.23	25.25	25.14	25.20	**22.90**	22.72	22.79
		1	105	25.36	25.49	25.50	23.09	23.03	22.90	25.06	24.87	25.01	22.42	22.19	22.28
		50	25	25.53	25.56	25.62	23.32	23.18	23.17	25.21	25.15	25.12	22.76	22.74	22.79
		100	0	25.37	25.38	25.45	23.11	22.99	22.98	25.08	24.98	24.88	22.24	22.26	22.21
	QPSK	1	0	24.88	24.94	24.61	22.67	22.59	22.46	24.67	24.58	24.37	21.78	21.81	21.85
		1	1	25.59	25.64	25.66	23.31	23.21	23.18	**25.50**	25.30	25.10	22.83	22.79	22.75
		1	104	25.59	**25.67**	25.27	23.23	23.27	23.12	25.32	25.20	25.18	22.72	22.75	**22.84**
		1	105	24.86	24.96	24.20	22.51	22.57	22.41	24.55	24.36	24.50	21.82	21.71	21.81
		50	25	25.59	25.56	25.60	**23.33**	23.18	23.13	25.29	25.16	25.13	22.77	22.79	22.81
		100	0	24.91	24.86	24.92	22.62	22.46	22.43	24.54	24.46	24.40	21.76	21.78	21.80
	16QAM	1	0	24.04	23.92	23.94	21.79	21.56	21.38	23.96	23.72	23.21	20.90	20.71	20.61
		1	1	24.97	24.83	24.86	**22.76**	22.69	22.35	**24.96**	24.74	24.10	**21.93**	21.73	21.63
		1	104	**25.05**	24.94	24.69	22.68	22.75	22.36	24.65	24.42	24.28	21.84	21.58	21.61
		1	105	23.97	23.95	23.60	21.69	21.58	21.22	23.65	23.17	23.33	20.78	20.63	20.58
		50	25	24.88	24.88	24.99	22.59	22.39	22.45	24.62	24.48	24.43	21.73	21.73	21.81
		100	0	23.87	23.91	23.93	21.57	21.47	21.38	23.58	23.48	23.42	20.76	20.78	20.81
	64QAM	1	0	23.19	23.50	23.71	21.57	21.30	21.28	23.53	23.01	23.48	20.60	20.46	20.61
		1	1	23.33	23.37	**23.88**	21.56	21.18	21.29	**23.56**	23.09	23.34	**20.74**	20.45	20.70
		1	104	23.33	23.56	23.60	21.62	21.15	21.36	23.34	23.10	23.43	20.69	20.32	20.58
		1	105	23.31	23.50	23.66	**21.63**	21.06	21.28	23.29	23.05	23.45	20.68	20.33	20.54
		50	25	23.35	23.43	23.53	21.08	21.06	20.94	23.05	22.91	22.95	20.32	20.22	20.23
		100	0	23.35	23.42	23.51	21.09	21.01	20.93	23.03	22.94	23.03	20.33	20.24	20.23
	256QAM	1	0	21.36	21.30	**21.48**	19.25	19.23	**19.37**	21.27	21.21	**21.34**	18.79	18.40	18.57
		1	1	21.43	21.13	21.46	19.28	19.03	19.32	21.23	21.11	21.30	**18.80**	18.49	18.59
		1	104	21.30	21.14	21.33	19.31	18.95	19.24	21.11	21.21	21.17	18.65	18.41	18.62
		1	105	21.14	21.26	21.31	19.06	19.02	19.25	21.19	21.05	21.26	18.75	18.46	18.46
		50	25	21.38	21.37	21.45	19.10	18.99	18.94	21.03	20.88	20.97	18.31	18.18	18.30
		100	0	21.36	21.42	21.46	19.03	19.01	19.01	21.01	20.90	20.94	18.30	18.21	18.19

OUTPUT POWER FOR 5G NR n25 (25.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				372500	376500	380500	372500	376500	380500	372500	376500	380500	372500	376500	380500
				1862.5	1882.5	1902.5	1862.5	1882.5	1902.5	1862.5	1882.5	1902.5	1862.5	1882.5	1902.5
25.0	BPSK	1	0	25.39	25.41	25.51	23.13	23.20	23.08	25.21	25.12	25.15	22.22	22.28	22.13
		1	1	25.55	25.49	25.64	**23.37**	23.32	23.25	**25.45**	25.34	25.23	22.71	**22.77**	22.63
		1	132	25.58	25.54	**25.70**	23.26	23.26	23.24	25.31	25.22	25.32	22.58	22.71	22.62
		1	131	25.44	25.37	25.49	23.07	23.03	23.07	25.14	25.03	25.10	22.11	22.12	22.14
		64	32	25.58	25.63	25.66	23.31	23.19	23.19	25.34	25.32	25.29	22.66	22.67	22.63
		128	0	25.39	25.38	25.45	23.09	23.04	23.00	25.18	25.12	25.04	22.17	22.23	22.17
	QPSK	1	0	24.95	24.98	24.91	22.74	22.54	22.40	24.86	24.71	24.57	21.66	21.72	21.82
		1	1	**25.69**	25.61	**25.69**	**23.40**	23.22	23.14	**25.50**	25.43	25.22	22.78	22.77	**22.90**
		1	132	25.60	25.61	**25.69**	23.31	23.25	23.12	25.42	25.38	25.35	22.73	22.64	22.74
		1	131	24.92	24.93	24.94	22.54	22.56	22.38	24.68	24.61	24.66	21.77	21.69	21.81
		64	32	25.56	25.58	25.62	23.31	23.26	23.20	25.33	25.30	25.24	22.61	22.65	22.77
		128	0	24.89	24.80	24.88	22.62	22.50	22.54	24.71	24.59	24.60	21.56	21.68	21.72
	16QAM	1	0	23.85	23.94	24.14	21.52	21.39	21.86	23.48	23.40	23.55	20.62	20.60	20.73
		1	1	24.90	24.83	24.99	22.48	22.47	22.84	**24.85**	24.61	24.64	21.69	21.68	21.76
		1	132	24.75	24.86	**25.06**	22.40	22.40	**22.90**	24.55	24.41	24.71	21.49	21.65	21.63
		1	131	23.74	23.84	23.99	21.27	21.42	21.79	23.43	23.56	23.71	21.77	20.78	20.71
		64	32	24.84	24.88	24.84	22.58	22.55	22.49	24.62	24.58	24.55	**21.83**	21.73	21.68
		128	0	23.84	23.88	23.89	21.50	21.54	21.51	23.66	23.63	23.52	20.85	20.68	20.67
	64QAM	1	0	23.21	23.43	23.44	21.51	**21.71**	21.25	23.17	**23.61**	23.08	20.02	19.92	20.00
		1	1	23.35	23.25	23.26	21.53	21.58	21.24	23.32	23.53	23.14	20.19	19.97	20.09
		1	132	23.21	23.48	23.31	21.41	21.46	21.20	23.26	**23.61**	23.50	19.84	20.05	20.02
		1	131	23.27	**23.62**	23.25	21.52	21.49	21.32	23.11	23.53	23.20	19.96	19.82	20.08
		64	32	23.29	23.35	23.35	21.05	21.07	20.97	23.13	23.09	23.03	20.30	20.17	20.19
		128	0	23.34	23.37	23.41	21.08	21.00	20.97	23.15	23.12	23.03	**20.40**	20.18	20.18
	256QAM	1	0	21.40	21.51	21.32	19.15	19.28	19.18	21.21	21.32	21.29	18.37	18.42	18.59
		1	1	21.48	21.43	21.27	**19.35**	19.11	19.15	21.14	21.39	21.07	**18.72**	18.43	18.57
		1	132	21.40	**21.57**	21.40	19.02	18.95	19.13	20.97	21.18	**21.41**	18.43	18.06	18.37
		1	131	21.31	21.39	21.31	19.11	19.07	19.04	20.88	21.09	21.22	18.53	17.98	18.65
		64	32	21.29	21.38	21.41	19.07	19.03	18.95	21.05	21.04	20.97	18.18	18.09	18.16
		128	0	21.31	21.41	21.43	19.09	19.03	18.97	21.15	21.02	21.08	18.16	18.08	18.07

OUTPUT POWER FOR 5G NR n25 (30.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				373000	376500	380000	373000	376500	380000	373000	376500	380000	373000	376500	380000
				1865.0	1882.5	1900.0	1865.0	1882.5	1900.0	1865.0	1882.5	1900.0	1865.0	1882.5	1900.0
30.0	BPSK	1	0	25.44	25.44	25.47	23.19	23.13	23.10	25.29	25.04	25.19	22.22	22.29	22.34
		1	1	25.49	25.56	25.61	**23.38**	23.23	23.29	**25.50**	25.46	25.41	22.86	22.80	**22.88**
		1	158	25.56	**25.70**	25.68	**23.38**	23.31	23.21	25.38	25.40	25.48	22.81	22.84	**22.88**
		1	159	25.34	25.44	25.39	23.20	23.12	23.09	25.08	25.22	25.20	22.14	22.25	22.37
		80	40	25.45	25.52	25.60	23.27	23.24	23.26	25.38	25.34	25.44	22.82	22.69	22.82
		160	0	25.29	25.37	25.46	23.09	23.09	23.10	25.24	25.14	25.31	22.41	22.24	22.37
	QPSK	1	0	24.75	24.84	24.93	22.72	22.68	22.63	24.70	24.62	24.81	21.69	21.88	21.86
		1	1	25.49	25.40	25.54	**23.40**	23.25	23.24	**25.50**	25.32	25.33	22.80	22.83	**22.90**
		1	158	25.51	**25.61**	25.58	23.37	23.34	23.23	25.33	25.36	25.48	22.80	22.85	22.87
		1	159	24.82	24.98	24.85	22.64	22.63	22.51	24.56	24.56	24.68	21.86	21.88	21.86
		80	40	25.50	25.52	25.58	23.25	23.27	23.31	25.44	25.34	25.45	22.82	22.77	22.80
		160	0	24.75	24.83	24.95	22.61	22.57	22.63	24.75	24.62	24.74	21.91	21.76	21.82
	16QAM	1	0	23.89	23.68	23.81	21.70	21.50	21.44	23.79	23.73	23.73	20.73	20.80	20.99
		1	1	24.76	24.85	24.82	22.65	22.53	22.39	**24.90**	24.74	24.54	21.60	21.90	**22.10**
		1	158	24.83	24.74	24.86	22.65	22.62	22.36	24.82	24.74	24.51	21.70	21.86	21.98
		1	159	23.91	23.69	23.95	21.50	21.49	21.33	23.77	23.97	23.50	20.60	20.80	21.09
		80	40	24.74	24.81	**24.92**	22.52	22.56	**22.66**	24.71	24.62	24.71	21.82	21.78	21.83
		160	0	23.84	23.81	23.94	21.58	21.55	21.58	23.72	23.64	23.71	20.88	20.79	20.84
	64QAM	1	0	23.05	23.32	**23.66**	21.16	21.40	**21.50**	23.62	23.16	23.33	20.43	**20.59**	20.24
		1	1	23.05	23.40	23.54	21.15	21.37	21.47	**23.74**	23.29	23.32	20.42	20.35	20.51
		1	158	23.21	23.58	23.60	21.16	21.47	21.32	23.34	23.34	23.25	20.35	20.39	20.45
		1	159	23.07	23.45	23.38	21.27	21.33	21.37	23.33	23.40	23.44	20.34	20.37	20.56
		80	40	23.31	23.39	23.36	21.07	21.08	21.10	23.23	23.17	23.22	20.30	20.30	20.32
		160	0	23.31	23.41	23.45	21.01	21.03	21.08	23.22	23.14	23.17	20.28	20.18	20.30
	256QAM	1	0	21.63	21.55	21.58	**19.57**	19.39	19.14	**21.64**	21.54	21.27	18.52	18.68	18.60
		1	1	21.49	21.26	21.49	19.51	19.40	19.18	21.56	21.36	21.36	18.29	18.37	18.66
		1	158	21.38	**21.64**	21.44	19.30	19.38	19.17	21.31	21.28	21.47	18.53	**18.73**	18.48
		1	159	21.42	21.36	21.41	19.47	19.32	18.99	21.26	21.42	21.36	18.52	18.38	18.49
		80	40	21.29	21.38	21.43	18.95	19.00	19.01	21.11	21.08	21.12	18.17	18.32	18.26
		160	0	21.30	21.37	21.40	19.04	19.02	19.07	21.20	21.15	21.16	18.24	18.36	18.29

OUTPUT POWER FOR 5G NR n25 (35.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				373500	376500	379500	373500	376500	379500	373500	376500	379500	373500	376500	379500
				1867.5	1882.5	1897.5	1867.5	1882.5	1897.5	1867.5	1882.5	1897.5	1867.5	1882.5	1897.5
35.0	BPSK	1	0	25.20	25.55	25.41	23.08	23.07	23.05	25.07	23.91	24.61	22.32	22.11	22.41
		1	1	25.60	25.51	25.54	23.29	23.14	23.23	25.04	24.52	24.82	22.81	22.71	22.76
		1	186	25.45	**25.68**	25.63	**23.40**	23.17	23.15	**25.50**	25.44	24.85	22.76	22.81	**22.90**
		1	187	25.50	25.40	25.42	23.11	22.95	23.00	24.82	25.03	24.53	22.33	22.41	22.35
		90	45	25.46	25.52	25.59	23.14	23.16	23.21	25.07	24.74	24.71	22.67	22.72	22.74
		180	0	25.31	25.32	25.40	23.06	23.04	22.94	25.04	24.54	24.61	22.27	22.23	22.31
	QPSK	1	0	25.11	24.96	24.88	22.64	22.57	22.63	24.80	24.12	24.14	21.78	21.68	21.71
		1	1	**25.70**	25.63	25.62	23.24	23.04	23.24	**25.34**	24.76	24.70	22.79	**22.86**	22.76
		1	186	25.59	25.61	25.65	**23.28**	23.08	23.15	25.01	24.68	24.90	22.71	22.76	22.75
		1	187	25.00	24.90	24.87	22.47	22.50	22.25	24.65	23.99	24.09	21.60	21.77	21.91
		90	45	25.61	25.49	25.55	23.26	23.19	23.18	24.99	24.70	24.82	22.66	22.63	22.73
		180	0	24.86	24.83	24.94	22.58	22.51	22.50	24.59	23.71	24.04	21.72	21.74	21.75
	16QAM	1	0	23.79	24.20	24.17	21.67	21.75	21.85	23.85	23.67	23.25	20.92	20.54	20.85
		1	1	24.51	24.88	25.01	22.60	22.72	22.70	**24.84**	24.57	23.90	21.90	21.73	21.57
		1	186	24.63	24.92	**25.34**	22.55	**22.77**	22.65	**24.84**	24.69	23.86	21.75	21.60	**21.95**
		1	187	23.98	23.99	24.26	21.66	21.66	21.65	23.80	23.22	22.73	21.00	20.67	21.01
		90	45	24.88	24.80	24.87	22.58	22.51	22.51	24.52	24.43	24.10	21.74	21.72	21.74
		180	0	23.91	23.85	23.88	21.56	21.49	21.53	23.66	23.50	23.08	20.74	20.71	20.75
	64QAM	1	0	23.68	23.68	23.55	21.44	21.02	**21.52**	23.04	22.94	23.13	20.34	**20.82**	20.36
		1	1	**23.94**	23.41	23.53	21.39	21.19	21.41	23.04	**23.18**	22.77	20.27	20.62	20.49
		1	186	23.68	23.49	23.55	21.37	21.28	21.25	22.54	23.08	23.15	20.57	20.68	20.61
		1	187	23.59	23.47	23.67	21.44	21.28	21.22	22.97	22.68	22.92	20.58	20.73	20.56
		90	45	23.31	23.28	23.35	21.00	20.97	21.00	23.01	22.98	22.49	20.20	20.24	20.19
		180	0	23.35	23.35	23.40	21.05	20.99	21.05	23.07	22.95	22.60	20.26	20.21	20.31
	256QAM	1	0	21.72	21.56	21.92	**19.74**	19.24	19.35	21.85	21.31	20.66	18.46	18.44	18.63
		1	1	22.01	21.30	21.79	19.49	19.21	19.13	**21.86**	21.46	20.79	18.53	18.50	18.45
		1	186	21.82	21.66	**22.03**	19.57	19.36	19.37	21.48	21.07	20.84	18.40	18.49	18.44
		1	187	21.96	21.74	21.98	19.50	19.37	19.25	21.42	21.28	20.78	18.45	18.61	**18.74**
		90	45	21.30	21.32	21.36	18.98	18.98	19.00	21.00	20.92	20.50	18.21	18.20	18.20
		180	0	21.37	21.35	21.35	19.06	18.95	19.07	21.03	21.00	20.60	18.27	18.23	18.22

OUTPUT POWER FOR 5G NR n25 (40.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				374000	376500	379000	374000	376500	379000	374000	376500	379000	374000	376500	379000
				1870.0	1882.5	1895.0	1870.0	1882.5	1895.0	1870.0	1882.5	1895.0	1870.0	1882.5	1895.0
40.0	BPSK	1	0	25.47	25.41	25.45	22.96	22.96	22.97	25.13	25.10	25.18	22.12	22.20	22.20
		1	1	25.60	25.39	25.53	23.25	23.08	**23.40**	**25.50**	25.22	25.35	22.47	**22.63**	22.55
		1	214	25.66	25.58	**25.70**	23.10	22.98	23.24	25.24	25.24	25.40	**22.63**	22.47	22.57
		1	215	25.55	25.38	25.57	22.97	22.80	22.94	25.15	25.09	25.13	22.20	22.11	22.12
		108	54	25.48	25.49	25.64	23.07	23.08	23.03	25.25	25.24	25.28	22.51	22.54	22.58
		216	0	25.42	25.41	25.51	22.91	22.91	22.90	25.11	25.06	25.06	22.10	22.05	22.17
	QPSK	1	0	24.86	24.84	25.00	22.46	22.42	22.52	24.44	24.52	24.70	20.79	21.61	21.57
		1	1	25.57	25.48	25.58	23.08	23.10	23.21	**25.43**	25.25	25.27	21.83	22.73	22.54
		1	214	25.48	25.56	25.63	23.06	22.94	**23.26**	24.56	25.26	24.90	21.56	**22.90**	22.45
		1	215	24.47	24.90	24.62	22.17	22.40	22.29	23.63	24.36	23.66	20.39	21.67	21.42
		108	54	25.52	25.64	**25.68**	23.07	23.04	23.12	25.26	25.29	25.24	22.53	22.59	22.64
		216	0	24.92	24.92	25.01	22.39	22.44	22.41	24.55	24.53	24.54	21.60	21.57	21.65
	16QAM	1	0	23.96	23.92	24.38	21.27	21.51	21.71	23.72	24.07	23.79	20.88	20.62	20.05
		1	1	25.05	24.61	**25.24**	22.24	22.19	22.24	24.35	**25.06**	24.31	21.45	**21.69**	21.02
		1	214	24.52	24.84	25.09	22.04	22.20	**22.74**	24.25	24.90	24.62	21.60	21.64	20.94
		1	215	23.69	23.82	24.22	20.80	20.91	21.61	22.96	24.17	23.62	20.71	20.37	20.16
		108	54	24.86	24.86	24.99	22.30	22.29	22.35	24.52	24.50	24.56	21.50	21.53	21.59
		216	0	23.88	23.88	23.95	21.38	21.32	21.39	23.56	23.52	23.64	20.60	20.61	20.67
	64QAM	1	0	23.38	23.37	23.46	20.80	20.68	20.63	23.34	23.43	23.48	20.39	20.29	20.66
		1	1	23.18	23.05	23.40	20.28	20.47	20.72	23.45	23.40	23.31	20.34	20.50	20.37
		1	214	23.57	23.33	23.49	20.58	20.75	20.20	23.14	23.48	23.52	20.64	20.35	20.71
		1	215	**23.59**	23.49	23.50	20.49	20.23	20.52	22.99	23.21	**23.75**	20.66	20.53	**20.73**
		108	54	23.37	23.49	23.43	20.79	20.76	20.86	23.03	23.00	23.07	20.03	19.99	20.08
		216	0	23.38	23.47	23.46	20.83	**20.97**	20.94	23.04	23.01	23.15	20.04	20.03	20.12
	256QAM	1	0	21.36	21.62	21.56	19.17	19.01	**19.36**	**21.70**	21.50	21.04	18.01	18.32	**18.75**
		1	1	21.27	21.52	21.39	19.33	19.31	19.30	21.64	21.53	20.88	18.17	18.48	18.30
		1	214	21.36	21.66	21.54	19.35	19.16	19.18	21.51	21.29	21.14	18.11	18.52	18.48
		1	215	21.27	**21.68**	21.51	19.10	19.18	**19.36**	21.63	21.35	21.26	18.12	18.54	18.41
		108	54	21.31	21.41	21.39	18.80	18.80	18.88	21.01	20.96	21.09	18.02	18.09	18.04
		216	0	21.30	21.44	21.40	18.89	18.91	18.95	21.07	21.02	21.11	18.11	18.17	18.11

8.7. LTE BAND 26 AND 5G NR n26 (Part 90S)

LTE BAND 26

Test Engineer ID:	25780	Test Date:	4/19/2023

OUTPUT POWER FOR LTE BAND 26 (1.4 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 1			ANT 2			ANT 3		
				26697	26740	26783	26697	26740	26783	26697	26740	26783
				814.7	819.0	823.3	814.7	819.0	823.3	814.7	819.0	823.3
1.4	QPSK	1	0	25.38	25.47	25.49	24.54	24.60	24.65	25.16	25.24	25.28
		1	2	25.49	25.60	25.50	24.66	**24.70**	**24.70**	25.30	25.27	**25.40**
		1	5	25.47	25.59	25.52	24.63	24.67	24.68	25.26	25.36	25.38
		3	0	25.48	25.66	25.53	24.65	24.67	24.65	25.30	25.26	25.39
		3	1	25.49	25.66	25.54	24.67	24.64	24.65	25.32	25.32	25.37
		3	2	25.50	**25.70**	25.59	24.67	24.66	24.65	25.30	25.33	25.37
		6	0	24.50	24.66	24.55	23.65	23.64	23.62	24.28	24.30	24.36
	16QAM	1	0	24.72	24.76	24.75	23.68	23.69	23.79	24.39	24.59	24.63
		1	2	**24.86**	**24.86**	24.78	23.77	**23.81**	23.75	24.47	24.53	24.69
		1	5	24.81	24.81	24.78	23.79	23.79	23.75	24.47	24.67	**24.72**
		3	0	24.70	24.81	24.83	23.72	23.76	23.76	24.37	24.41	24.53
		3	1	24.75	24.81	24.84	23.74	23.78	23.77	24.40	24.49	24.53
		3	2	24.71	24.83	24.85	23.68	23.74	23.78	24.40	24.49	24.53
		6	0	23.67	23.77	23.73	22.64	22.69	22.70	23.37	23.41	23.48
	64QAM	1	0	23.70	23.78	23.81	22.75	22.72	22.83	23.49	23.41	23.44
		1	2	23.83	23.93	23.91	22.87	**22.91**	22.88	**23.63**	23.44	23.58
		1	5	23.76	**23.94**	23.87	22.86	22.77	22.81	23.58	23.49	23.51
		3	0	23.69	23.74	23.72	22.72	22.68	22.81	23.38	23.37	23.51
		3	1	23.70	23.75	23.74	22.74	22.69	22.79	23.36	23.45	23.48
		3	2	23.71	23.75	23.73	22.75	22.70	22.80	23.38	23.46	23.48
		6	0	22.64	22.75	22.71	21.64	21.68	21.72	22.33	22.36	22.43
	256QAM	1	0	20.63	20.70	20.75	19.73	19.63	19.79	20.38	20.34	20.41
		1	2	20.74	**20.84**	20.80	**19.89**	19.86	19.79	20.44	20.46	**20.52**
		1	5	20.72	20.77	20.74	19.80	19.70	19.68	20.35	20.45	20.50
		3	0	20.71	20.73	20.69	19.75	19.72	19.70	20.33	20.28	20.35
		3	1	20.72	20.72	20.71	19.75	19.70	19.72	20.36	20.36	20.37
		3	2	20.71	20.75	20.71	19.77	19.70	19.71	20.32	20.40	20.33
		6	0	20.69	20.73	20.66	19.75	19.57	19.62	20.35	20.34	20.21

OUTPUT POWER FOR LTE BAND 26 (3.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 1			ANT 2			ANT 3		
				26705	26740	26775	26705	26740	26775	26705	26740	26775
				815.5	819.0	822.5	815.5	819.0	822.5	815.5	819.0	822.5
3.0	QPSK	1	0	25.60	25.42	25.48	24.55	24.55	24.56	25.21	25.25	25.27
		1	7	**25.70**	25.50	25.60	24.67	24.66	**24.70**	25.39	25.36	**25.40**
		1	14	25.62	25.40	25.50	24.58	24.57	24.55	25.25	25.25	25.30
		8	0	24.70	24.52	24.64	23.62	23.58	23.63	24.27	24.25	24.32
		8	4	24.74	24.56	24.66	23.66	23.68	23.66	24.35	24.39	24.42
		8	7	24.77	24.57	24.69	23.67	23.69	23.69	24.34	24.38	24.41
		15	0	24.71	24.51	24.62	23.63	23.64	23.62	24.34	24.35	24.41
	16QAM	1	0	24.98	24.89	25.02	23.76	**23.81**	23.79	24.56	24.57	24.64
		1	7	25.02	24.98	**25.19**	23.72	23.77	23.78	24.71	24.71	**24.75**
		1	14	25.05	24.92	25.05	23.70	23.68	23.70	24.52	24.56	24.61
		8	0	23.79	23.72	23.81	22.65	22.54	22.69	23.34	23.32	23.42
		8	4	23.83	23.72	23.85	22.68	22.66	22.71	23.44	23.42	23.50
		8	7	23.81	23.76	23.84	22.72	22.66	22.70	23.45	23.43	23.50
		15	0	23.82	23.70	23.80	22.66	22.63	22.63	23.37	23.38	23.43
	64QAM	1	0	23.81	23.78	23.83	22.79	22.83	22.88	23.45	23.59	23.63
		1	7	23.89	23.90	**23.95**	**22.91**	22.82	22.89	23.54	23.64	**23.74**
		1	14	23.81	23.79	23.89	22.86	22.77	22.84	23.47	23.69	23.68
		8	0	22.76	22.69	22.80	21.70	21.59	21.66	22.33	22.32	22.34
		8	4	22.79	22.75	22.84	21.71	21.71	21.70	22.42	22.45	22.47
		8	7	22.80	22.74	22.84	21.75	21.71	21.71	22.43	22.42	22.44
		15	0	22.73	22.70	22.80	21.68	21.67	21.65	22.38	22.37	22.42
	256QAM	1	0	20.73	20.73	20.74	19.67	19.66	19.65	20.38	20.46	20.44
		1	7	20.90	**20.93**	20.92	19.77	**19.84**	19.77	20.56	**20.60**	20.58
		1	14	20.75	20.80	20.81	19.72	19.76	19.70	20.42	20.48	20.52
		8	0	20.78	20.75	20.79	19.65	19.58	19.66	20.27	20.29	20.32
		8	4	20.79	20.77	20.82	19.72	19.71	19.71	20.40	20.42	20.43
		8	7	20.80	20.78	20.80	19.73	19.70	19.71	20.41	20.41	20.41
		15	0	20.75	20.72	20.77	19.67	19.67	19.67	20.37	20.36	20.40

OUTPUT POWER FOR LTE BAND 26 (5.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 1			ANT 2			ANT 3		
				26715	26740	26765	26715	26740	26765	26715	26740	26765
				816.5	819.0	821.5	816.5	819.0	821.5	816.5	819.0	821.5
5.0	QPSK	1	0	25.52	25.48	25.32	24.54	24.56	24.61	25.28	25.26	25.30
		1	12	**25.70**	25.56	25.35	24.67	24.66	**24.70**	**25.40**	25.37	25.37
		1	24	25.57	25.42	25.29	24.57	24.58	24.60	25.28	25.30	25.28
		12	0	24.58	24.47	24.32	23.54	23.53	23.54	24.29	24.30	24.30
		12	6	24.70	24.58	24.41	23.63	23.68	23.64	24.42	24.41	24.41
		12	11	24.63	24.54	24.37	23.59	23.63	23.63	24.38	24.37	24.40
		25	0	24.66	24.57	24.39	23.61	23.59	23.62	24.38	24.39	24.35
	16QAM	1	0	25.02	24.94	24.73	23.73	23.82	23.74	24.62	24.65	24.69
		1	12	**25.17**	25.05	24.88	23.89	**23.90**	23.83	24.76	**24.79**	24.72
		1	24	24.98	24.96	24.74	23.75	23.79	23.80	24.63	24.70	24.69
		12	0	23.77	23.57	23.47	22.50	22.60	22.49	23.39	23.26	23.37
		12	6	23.86	23.66	23.57	22.62	22.71	22.60	23.50	23.42	23.46
		12	11	23.84	23.63	23.56	22.60	22.68	22.57	23.45	23.37	23.42
		25	0	23.71	23.68	23.55	22.59	22.63	22.64	23.41	23.39	23.41
	64QAM	1	0	23.77	23.65	23.57	22.67	22.71	22.67	23.61	23.60	23.64
		1	12	**23.80**	23.78	23.62	22.75	**22.79**	22.76	23.63	**23.69**	23.67
		1	24	23.72	23.66	23.58	22.67	22.66	22.71	23.62	23.67	23.64
		12	0	22.62	22.55	22.47	21.56	21.56	21.56	22.31	22.32	22.39
		12	6	22.73	22.67	22.57	21.66	21.69	21.69	22.42	22.41	22.48
		12	11	22.70	22.61	22.54	21.64	21.65	21.66	22.37	22.36	22.44
		25	0	22.67	22.61	22.55	21.62	21.62	21.63	22.37	22.36	22.37
	256QAM	1	0	20.80	20.76	20.52	19.70	19.64	19.59	20.38	20.33	20.36
		1	12	**20.89**	20.84	20.71	**19.86**	19.81	19.76	20.53	**20.54**	**20.54**
		1	24	20.85	20.73	20.64	19.70	19.75	19.69	20.47	20.45	20.45
		12	0	20.63	20.56	20.49	19.56	19.58	19.56	20.31	20.30	20.31
		12	6	20.72	20.66	20.59	19.67	19.67	19.68	20.39	20.41	20.44
		12	11	20.68	20.63	20.54	19.66	19.67	19.64	20.36	20.40	20.39
		25	0	20.65	20.64	20.56	19.63	19.63	19.67	20.38	20.36	20.41

OUTPUT POWER FOR LTE BAND 26 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 1			ANT 2			ANT 3		
				N/A	26740	N/A	N/A	26740	N/A	N/A	26740	N/A
				N/A	819.0	N/A	N/A	819.0	N/A	N/A	819.0	N/A
10.0	QPSK	1	0		25.69			**24.70**			**25.40**	
		1	24		**25.70**			24.68			25.36	
		1	49		25.62			24.64			25.31	
		25	0		24.63			23.61			24.36	
		25	12		24.73			23.74			24.45	
		25	24		24.69			23.72			24.44	
		50	0		24.72			23.69			24.44	
	16QAM	1	0		25.03			23.84			**24.66**	
		1	24		24.96			**23.92**			24.63	
		1	49		**25.04**			23.81			24.64	
		25	0		23.65			22.63			23.40	
		25	12		23.73			22.75			23.49	
		25	24		23.72			22.70			23.48	
		50	0		23.71			22.69			23.45	
	64QAM	1	0		23.94			22.85			23.67	
		1	24		**23.95**			**22.86**			**23.69**	
		1	49		23.87			22.80			23.67	
		25	0		22.66			21.63			22.38	
		25	12		22.75			21.75			22.48	
		25	24		22.70			21.70			22.45	
		50	0		22.73			21.73			22.43	
	256QAM	1	0		20.81			19.76			20.50	
		1	24		**20.94**			**19.83**			20.49	
		1	49		20.83			19.77			**20.51**	
		25	0		20.65			19.66			20.37	
		25	12		20.75			19.75			20.44	
		25	24		20.70			19.72			20.42	
		50	0		20.73			19.74			20.44	

5G NR n26

Test Engineer ID:	19146	Test Date:	4/19/2023

OUTPUT POWER FOR 5G NR n26 (5.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 1			ANT 2			ANT 3		
				163300	163800	164300	163300	163800	164300	163300	163800	164300
				816.5	819.0	821.5	816.5	819.0	821.5	816.5	819.0	821.5
5.0	BPSK	1	0	24.20	24.29	25.29	23.20	24.09	24.07	23.90	24.72	24.69
		1	1	**25.65**	25.57	25.50	**24.70**	24.62	24.56	**25.40**	25.26	25.23
		1	23	25.51	25.48	25.61	24.62	24.52	24.65	25.33	25.22	25.16
		1	24	24.20	24.25	25.35	23.20	24.06	24.12	23.90	24.67	24.60
		12	6	25.58	25.49	25.49	24.56	24.59	24.53	25.30	25.22	25.18
		25	0	25.34	25.25	25.21	24.03	24.00	23.97	24.73	24.69	24.62
	QPSK	1	0	24.20	24.36	24.87	23.20	23.56	23.60	23.90	24.29	24.21
		1	1	25.64	**25.70**	25.60	**24.70**	24.57	24.63	**25.35**	25.32	25.27
		1	23	25.58	25.60	25.65	24.65	24.55	24.66	**25.35**	25.33	25.15
		1	24	24.20	24.29	24.85	23.20	23.52	23.58	23.90	24.19	24.12
		12	6	25.58	25.50	25.53	24.59	24.61	24.57	25.25	25.25	25.19
		25	0	24.88	24.81	24.80	23.59	23.52	23.52	24.24	24.21	24.17
	16QAM	1	0	23.91	23.72	24.05	22.58	22.64	22.69	23.01	23.39	23.38
		1	1	24.88	24.80	25.08	**23.67**	23.65	23.59	24.11	24.29	24.28
		1	23	24.78	24.69	**25.10**	23.66	23.61	23.59	24.00	**24.30**	24.23
		1	24	23.79	23.74	24.04	22.55	22.55	22.66	23.02	23.27	23.16
		12	6	24.91	24.79	24.74	23.59	23.42	23.59	24.20	24.10	24.14
		25	0	23.82	23.80	23.78	22.52	22.54	22.43	23.21	23.21	23.10
	64QAM	1	0	23.39	**23.43**	23.36	22.18	22.00	22.02	**22.90**	22.76	22.71
		1	1	23.36	23.31	23.32	**22.20**	22.07	22.00	**22.90**	22.62	22.65
		1	23	23.34	23.27	23.40	22.15	22.04	22.08	22.85	22.64	22.67
		1	24	23.33	23.29	23.30	22.11	21.96	22.01	22.88	22.60	22.78
		12	6	23.33	23.22	23.16	22.05	21.97	21.94	22.73	22.66	22.60
		25	0	23.36	23.31	23.24	22.04	22.02	21.91	22.67	22.60	22.58
	256QAM	1	0	21.20	21.30	21.08	20.27	**20.35**	20.26	20.83	20.77	20.87
		1	1	**21.34**	21.30	21.09	20.29	20.31	20.11	20.87	20.79	20.81
		1	23	21.22	21.19	21.15	20.19	20.25	20.26	20.85	20.80	20.78
		1	24	21.18	21.17	21.16	20.25	**20.35**	20.21	20.78	20.81	**20.88**
		12	6	21.21	21.29	21.17	20.01	19.95	19.89	20.67	20.67	20.59
		25	0	21.24	21.30	21.20	20.07	20.04	19.96	20.68	20.69	20.61

OUTPUT POWER FOR 5G NR n26 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 1			ANT 2			ANT 3		
				N/A	163800	N/A	N/A	163800	N/A	N/A	163800	N/A
				N/A	819.0	N/A	N/A	819.0	N/A	N/A	819.0	N/A
10.0	BPSK	1	0		25.44			24.19			24.74	
		1	1		**25.69**			**24.70**			**25.32**	
		1	50		25.67			24.62			25.23	
		1	51		25.38			24.01			24.68	
		25	12		25.54			24.45			25.09	
		50	0		25.44			24.07			24.76	
	QPSK	1	0		25.02			23.67			24.27	
		1	1		**25.70**			**24.69**			**25.40**	
		1	50		25.68			24.68			25.28	
		1	51		24.90			23.66			24.13	
		25	12		25.63			24.58			25.17	
		50	0		24.91			23.61			24.28	
	16QAM	1	0		23.97			22.61			23.51	
		1	1		24.98			23.59			24.45	
		1	50		**25.02**			23.49			**24.50**	
		1	51		23.88			22.37			23.35	
		25	12		24.93			**23.60**			24.12	
		50	0		23.95			22.57			23.26	
	64QAM	1	0		23.43			**22.16**			22.92	
		1	1		23.46			22.14			**23.05**	
		1	50		23.36			22.02			22.95	
		1	51		23.40			22.01			22.79	
		25	12		23.46			**22.16**			22.70	
		50	0		**23.47**			22.13			22.82	
	256QAM	1	0		21.42			20.20			20.81	
		1	1		21.44			**20.22**			20.90	
		1	50		21.45			20.18			**20.94**	
		1	51		21.35			19.97			20.89	
		25	12		21.36			19.98			20.57	
		50	0		**21.46**			20.02			20.74	

8.8. LTE BAND 26 AND 5G NR n26 (Part 22)

LTE BAND 26

Test Engineer ID:	50822	Date:	5/19/20232

OUTPUT POWER FOR LTE BAND 26 (1.4 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 1			ANT 2			ANT 3		
				26797	26915	27033	26797	26915	27033	26797	26915	27033
				824.7	836.5	848.3	824.7	836.5	848.3	824.7	836.5	848.3
1.4	QPSK	1	0	25.58	25.58	25.60	24.58	24.59	24.58	25.27	25.31	25.32
		1	2	25.61	25.61	25.63	24.68	**24.70**	24.61	**25.40**	25.36	25.37
		1	5	25.59	**25.70**	25.58	24.66	24.65	24.57	25.36	25.34	25.36
		3	0	25.58	25.57	25.59	24.68	24.65	24.58	25.35	25.38	25.34
		3	1	25.62	25.57	25.61	**24.70**	24.68	24.59	25.39	25.36	25.34
		3	2	25.60	25.57	25.63	**24.70**	**24.70**	24.59	25.36	25.36	25.34
		6	0	24.88	24.87	24.94	23.66	23.65	23.57	24.35	24.34	24.33
	16QAM	1	0	25.17	25.14	25.09	23.92	23.78	23.87	24.51	24.58	**24.69**
		1	2	25.21	25.21	25.17	23.93	**24.03**	23.85	24.65	24.67	24.68
		1	5	25.16	**25.25**	25.15	23.98	24.01	23.89	24.64	24.66	**24.69**
		3	0	25.04	25.07	25.01	23.83	23.81	23.77	24.55	24.51	24.47
		3	1	25.08	25.06	25.02	23.84	23.82	23.73	24.52	24.52	24.52
		3	2	25.02	25.02	25.01	23.85	23.84	23.70	24.52	24.53	24.52
		6	0	23.92	23.96	24.01	22.72	22.72	22.60	23.44	23.38	23.42
	64QAM	1	0	24.16	24.13	24.14	22.76	22.71	22.69	23.54	23.54	23.46
		1	2	24.13	24.16	**24.20**	22.97	**23.01**	22.87	23.67	**23.71**	23.51
		1	5	24.17	24.16	24.16	22.82	22.77	22.74	23.59	23.58	23.46
		3	0	23.94	24.02	24.03	22.76	22.79	22.66	23.47	23.47	23.48
		3	1	23.96	24.01	24.02	22.78	22.79	22.70	23.47	23.48	23.44
		3	2	23.98	24.01	24.04	22.76	22.76	22.70	23.47	23.44	23.43
		6	0	22.92	22.78	22.99	21.69	21.74	21.67	22.44	22.31	22.35
	256QAM	1	0	20.95	20.87	21.04	19.69	19.65	19.70	20.30	20.35	20.39
		1	2	21.02	20.96	**21.10**	**19.77**	19.75	19.61	20.42	**20.44**	20.32
		1	5	20.91	20.99	21.09	19.74	19.67	19.69	20.37	**20.44**	20.42
		3	0	20.92	20.93	20.94	19.71	19.73	19.63	20.37	20.32	20.36
		3	1	20.93	20.96	20.99	19.70	19.68	19.64	20.40	20.31	20.37
		3	2	20.92	20.94	20.96	19.72	19.70	19.62	20.37	20.32	20.34
		6	0	20.95	20.97	20.95	19.66	19.57	19.57	20.26	20.40	20.25

OUTPUT POWER FOR LTE BAND 26 (3.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 1			ANT 2			ANT 3		
				26805	26915	27025	26805	26915	27025	26805	26915	27025
				825.5	836.5	847.5	825.5	836.5	847.5	825.5	836.5	847.5
3.0	QPSK	1	0	25.58	25.57	25.57	24.56	24.56	24.57	25.26	25.27	25.29
		1	7	25.60	**25.70**	25.62	**24.70**	24.67	24.63	**25.40**	25.37	25.35
		1	14	25.54	25.56	25.54	24.57	24.60	24.48	25.29	25.26	25.24
		8	0	24.89	24.85	24.93	23.66	23.59	23.57	24.26	24.36	24.30
		8	4	24.94	24.89	24.97	23.69	23.69	23.62	24.38	24.36	24.34
		8	7	24.91	24.97	24.96	23.68	23.68	23.59	24.36	24.34	24.35
		15	0	24.89	24.83	24.93	23.68	23.64	23.57	24.34	24.31	24.29
	16QAM	1	0	25.10	25.28	25.29	23.93	23.94	23.92	24.60	24.58	24.59
		1	7	25.21	25.35	**25.39**	24.01	**24.04**	23.93	**24.69**	24.64	**24.69**
		1	14	25.13	25.21	25.19	23.92	23.91	23.85	24.60	24.60	24.55
		8	0	23.94	23.95	23.94	22.75	22.69	22.63	23.28	23.38	23.36
		8	4	23.97	23.99	24.00	22.82	22.78	22.69	23.37	23.42	23.40
		8	7	23.96	24.07	23.99	22.79	22.78	22.69	23.37	23.42	23.41
		15	0	23.86	23.89	23.94	22.71	22.72	22.62	23.38	23.34	23.34
	64QAM	1	0	24.03	24.16	24.14	22.79	22.82	22.75	23.41	23.54	23.57
		1	7	24.08	**24.22**	24.19	22.80	**22.83**	**22.83**	23.62	**23.73**	23.68
		1	14	24.01	24.16	24.09	22.73	22.77	22.61	23.56	23.65	23.60
		8	0	22.90	22.91	22.89	21.72	21.64	21.65	22.33	22.37	22.35
		8	4	22.95	22.94	22.96	21.80	21.80	21.66	22.43	22.42	22.39
		8	7	22.95	23.00	22.93	21.70	21.72	21.62	22.44	22.41	22.40
		15	0	22.89	22.87	22.89	21.71	21.67	21.59	22.39	22.36	22.32
	256QAM	1	0	20.89	20.95	20.93	19.63	19.70	19.70	20.32	20.35	20.40
		1	7	21.04	**21.10**	21.07	19.78	**19.82**	19.78	20.49	20.47	**20.57**
		1	14	20.94	21.02	20.92	19.71	19.74	19.63	20.41	20.39	20.43
		8	0	20.90	20.84	20.90	19.65	19.58	19.60	20.29	20.36	20.33
		8	4	20.94	20.93	20.96	19.72	19.74	19.62	20.36	20.38	20.35
		8	7	20.94	20.97	20.96	19.77	19.72	19.59	20.38	20.35	20.34
		15	0	20.88	20.83	20.91	19.71	19.67	19.59	20.34	20.33	20.29

OUTPUT POWER FOR LTE BAND 26 (5.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 1			ANT 2			ANT 3		
				26815	26915	27015	26815	26915	27015	26815	26915	27015
				826.5	836.5	846.5	826.5	836.5	846.5	826.5	836.5	846.5
5.0	QPSK	1	0	25.54	25.59	25.59	24.57	24.62	24.54	25.28	25.29	25.27
		1	12	25.64	25.67	**25.70**	**24.70**	24.68	24.61	**25.40**	**25.40**	25.37
		1	24	25.51	25.56	25.54	24.61	24.62	24.51	25.29	25.24	25.25
		12	0	24.81	24.83	24.84	23.59	23.59	23.54	24.26	24.25	24.25
		12	6	24.89	24.89	24.95	23.70	23.66	23.64	24.34	24.34	24.37
		12	11	24.86	24.90	24.88	23.65	23.66	23.57	24.35	24.33	24.36
		25	0	24.87	24.83	24.83	23.68	23.66	23.52	24.33	24.31	24.23
	16QAM	1	0	25.26	25.21	25.18	24.04	24.07	24.02	24.67	24.67	24.66
		1	12	25.35	**25.41**	25.29	**24.21**	24.17	24.12	24.76	24.76	**24.77**
		1	24	25.29	25.25	25.19	24.04	24.05	23.94	24.64	24.67	24.63
		12	0	23.85	23.82	23.91	22.65	22.74	22.62	23.29	23.36	23.23
		12	6	23.95	23.87	24.03	22.77	22.80	22.67	23.41	23.47	23.36
		12	11	23.90	23.90	24.01	22.73	22.69	22.64	23.37	23.44	23.30
		25	0	23.86	23.86	23.86	22.69	22.68	22.54	23.30	23.30	23.22
	64QAM	1	0	23.97	23.89	23.99	22.99	23.00	22.94	23.62	23.56	23.59
		1	12	24.01	23.95	**24.03**	**23.10**	22.99	22.99	23.65	23.67	23.62
		1	24	23.94	23.88	23.98	22.92	22.93	22.94	**23.69**	23.52	23.54
		12	0	22.82	22.81	22.86	21.57	21.53	21.61	22.38	22.28	22.25
		12	6	22.92	22.88	22.98	21.71	21.74	21.70	22.51	22.41	22.35
		12	11	22.87	22.92	22.94	21.77	21.76	21.61	22.46	22.35	22.31
		25	0	22.87	22.82	22.84	21.68	21.66	21.51	22.33	22.33	22.23
	256QAM	1	0	20.84	20.99	20.97	19.81	19.67	19.69	20.28	20.32	20.36
		1	12	21.00	**21.11**	**21.11**	19.83	**19.89**	19.79	20.44	**20.53**	20.50
		1	24	20.90	21.04	21.01	19.76	19.74	19.69	20.36	20.34	20.35
		12	0	20.77	20.80	20.84	19.62	19.59	19.53	20.24	20.25	20.24
		12	6	20.89	20.87	20.96	19.72	19.71	19.66	20.38	20.37	20.34
		12	11	20.86	20.93	20.89	19.69	19.70	19.61	20.30	20.30	20.30
		25	0	20.86	20.79	20.82	19.69	19.66	19.54	20.32	20.30	20.22

OUTPUT POWER FOR LTE BAND 26 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 1			ANT 2			ANT 3		
				26840	26915	26990	26840	26915	26990	26840	26915	26990
				829.0	836.5	844.0	829.0	836.5	844.0	829.0	836.5	844.0
10.0	QPSK	1	0	**25.70**	25.41	25.25	**24.70**	24.69	24.64	25.35	25.35	25.36
		1	24	25.69	25.41	25.26	24.67	**24.70**	24.65	**25.40**	25.37	25.38
		1	49	25.69	25.30	25.18	24.60	24.60	24.54	25.33	25.32	25.28
		25	0	24.95	24.67	24.52	23.63	23.60	23.57	24.31	24.28	24.29
		25	12	24.99	24.76	24.64	23.72	23.71	23.65	24.42	24.37	24.30
		25	24	25.03	24.71	24.61	23.68	23.66	23.60	24.38	24.34	24.38
		50	0	24.97	24.70	24.54	23.70	23.66	23.55	24.38	24.36	24.27
	16QAM	1	0	25.31	24.98	24.83	**24.06**	24.00	23.98	24.67	24.67	**24.74**
		1	24	25.27	24.94	24.78	24.05	23.95	23.94	24.65	24.62	24.62
		1	49	**25.34**	24.87	24.77	23.89	24.00	23.90	24.63	24.66	24.62
		25	0	24.00	23.69	23.54	22.67	22.61	22.60	23.34	23.35	23.36
		25	12	24.01	23.76	23.64	22.75	22.71	22.72	23.45	23.42	23.36
		25	24	24.04	23.73	23.60	22.71	22.66	22.68	23.41	23.39	23.42
		50	0	23.97	23.73	23.52	22.73	22.69	22.59	23.39	23.34	23.31
	64QAM	1	0	**24.24**	24.01	23.96	**22.89**	22.87	22.79	23.67	23.58	23.68
		1	24	**24.24**	23.99	23.91	22.84	22.86	22.80	**23.69**	23.62	23.60
		1	49	24.17	23.92	23.80	22.78	22.85	22.78	23.61	23.63	23.61
		25	0	23.00	22.70	22.57	21.64	21.64	21.60	22.31	22.32	22.30
		25	12	23.02	22.77	22.66	21.74	21.73	21.70	22.39	22.39	22.31
		25	24	23.09	22.72	22.64	21.71	21.70	21.63	22.39	22.38	22.37
		50	0	22.99	22.72	22.52	21.72	21.72	21.56	22.40	22.38	22.31
	256QAM	1	0	21.05	20.79	20.70	19.77	19.65	19.72	20.35	20.40	20.44
		1	24	21.11	20.89	20.78	19.81	**19.84**	19.75	20.45	20.50	**20.53**
		1	49	**21.14**	20.75	20.72	19.78	19.65	19.73	20.37	20.41	20.45
		25	0	20.97	20.69	20.54	19.64	19.64	19.56	20.28	20.29	20.29
		25	12	21.01	20.75	20.62	19.75	19.72	19.67	20.37	20.37	20.31
		25	24	21.04	20.69	20.58	19.70	19.69	19.59	20.34	20.35	20.34
		50	0	20.94	20.71	20.50	19.71	19.69	19.58	20.37	20.35	20.29

5G NR n26

Test Engineer ID:	25780	Test Date:	4/16/2023

OUTPUT POWER FOR 5G NR n26 (5.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 1			ANT 2			ANT 3		
				165300	167300	169300	165300	167300	169300	165300	167300	169300
				826.5	836.5	846.5	826.5	836.5	846.5	826.5	836.5	846.5
5.0	BPSK	1	0	24.20	25.34	25.31	23.20	24.43	24.33	23.90	24.87	24.90
		1	1	25.47	25.61	25.52	24.55	24.67	**24.70**	**25.35**	25.17	25.09
		1	23	25.37	**25.66**	25.48	24.51	24.65	24.56	25.32	25.14	25.00
		1	24	24.20	25.42	25.22	23.20	24.42	24.30	23.90	24.87	24.82
		12	6	25.55	25.56	25.56	24.55	24.66	24.55	25.25	25.10	25.08
		25	0	25.24	25.28	25.32	24.31	24.37	24.34	25.09	24.84	24.81
	QPSK	1	0	24.20	24.92	24.91	23.20	23.90	23.85	23.90	24.41	24.36
		1	1	25.52	25.66	25.66	24.56	24.67	24.62	**25.40**	25.16	25.08
		1	23	25.49	**25.70**	25.62	**24.68**	24.57	24.55	25.30	25.09	25.04
		1	24	24.20	24.95	24.79	23.20	23.96	23.90	23.90	24.36	24.29
		12	6	25.54	25.52	25.58	24.53	24.59	24.65	25.32	25.12	25.06
		25	0	24.78	24.79	24.82	23.90	23.94	23.93	24.62	24.35	24.37
	16QAM	1	0	23.95	23.83	24.05	23.06	22.85	22.65	23.08	23.16	23.09
		1	1	24.73	24.93	25.04	23.67	23.92	**24.09**	24.23	23.99	24.15
		1	23	24.58	**25.06**	25.02	23.84	24.07	24.04	**24.40**	24.20	24.04
		1	24	23.72	23.88	24.03	22.89	23.07	22.59	23.32	23.36	22.99
		12	6	24.88	24.88	24.89	23.81	24.01	23.86	24.15	24.23	24.35
		25	0	23.80	23.80	23.78	22.90	22.98	22.87	23.22	23.16	23.31
	64QAM	1	0	23.45	23.40	23.49	22.59	22.47	22.60	23.37	23.18	23.36
		1	1	**23.55**	23.41	23.35	22.48	22.64	**22.77**	**23.43**	23.16	**23.43**
		1	23	23.38	23.48	23.40	22.72	22.47	22.50	23.25	23.10	23.35
		1	24	23.46	23.50	23.39	**22.77**	22.45	22.61	23.26	23.10	23.28
		12	6	23.40	23.35	23.43	22.28	22.45	22.34	22.91	22.84	22.84
		25	0	23.38	23.30	23.34	22.39	22.47	22.35	22.96	22.87	22.86
	256QAM	1	0	20.98	21.12	21.12	20.32	20.63	20.42	21.00	21.12	20.85
		1	1	21.03	21.12	21.17	20.34	20.37	20.42	21.01	21.16	20.77
		1	23	20.95	21.32	21.04	20.31	20.49	20.62	20.97	**21.18**	20.74
		1	24	20.91	21.29	21.09	20.42	**20.65**	20.18	20.87	21.06	20.74
		12	6	21.30	21.28	**21.35**	20.28	20.44	20.24	20.88	20.82	20.76
		25	0	21.29	21.22	21.29	20.28	20.41	20.31	20.99	20.89	20.86

OUTPUT POWER FOR 5G NR n26 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 1			ANT 2			ANT 3		
				165800	167300	168800	165800	167300	168800	165800	167300	168800
				829.0	836.5	844.0	829.0	836.5	844.0	829.0	836.5	844.0
10.0	BPSK	1	0	25.27	25.34	25.41	24.38	24.40	24.46	25.17	25.09	25.14
		1	1	**25.59**	25.58	25.57	24.62	**24.70**	24.58	25.38	**25.40**	25.28
		1	50	25.53	25.58	25.53	24.59	**24.70**	24.50	25.37	25.24	25.18
		1	51	25.30	25.31	25.31	24.44	24.41	24.34	25.15	25.00	24.97
		25	12	25.48	25.41	25.48	24.57	24.56	24.55	25.26	25.26	25.24
		50	0	25.25	25.28	25.37	24.41	24.44	24.46	25.14	25.13	25.10
	QPSK	1	0	24.95	25.00	24.91	23.91	23.96	23.96	24.66	24.65	24.58
		1	1	25.61	25.67	25.64	24.50	24.63	24.66	**25.39**	25.31	25.24
		1	50	**25.70**	25.69	25.50	24.64	**24.70**	24.56	25.36	25.30	25.14
		1	51	24.89	24.89	24.87	23.92	24.01	23.87	24.64	24.59	24.49
		25	12	25.42	25.52	25.60	24.57	24.63	24.58	25.32	25.26	25.28
		50	0	24.74	24.81	24.84	23.93	23.93	23.93	24.63	24.57	24.56
	16QAM	1	0	23.87	23.63	24.09	22.81	22.98	22.83	24.00	23.71	23.62
		1	1	**25.43**	24.58	25.00	24.05	23.93	23.83	25.01	24.81	24.67
		1	50	25.08	24.75	24.95	23.89	**24.43**	24.00	**25.07**	24.76	24.40
		1	51	23.90	23.53	24.09	22.59	23.13	22.89	23.95	23.68	23.43
		25	12	24.85	24.84	24.80	23.88	23.85	23.89	24.69	24.61	24.50
		50	0	23.82	23.80	23.83	22.94	22.95	22.98	23.62	23.61	23.58
	64QAM	1	0	23.32	**23.34**	23.25	22.40	22.44	22.63	**23.54**	23.41	23.39
		1	1	23.26	23.26	23.16	22.41	22.57	22.59	23.50	23.45	23.50
		1	50	23.17	23.20	23.08	22.58	22.51	22.48	23.44	23.41	23.30
		1	51	23.11	23.31	23.10	22.58	22.61	**22.65**	23.49	23.43	23.35
		25	12	23.23	**23.34**	23.31	22.35	22.54	22.39	23.17	23.15	23.06
		50	0	23.31	23.30	23.33	22.45	22.54	22.46	23.12	23.10	23.11
	256QAM	1	0	21.24	21.25	20.86	20.33	20.38	**20.71**	21.23	21.30	21.29
		1	1	21.24	**21.43**	21.10	20.07	20.26	20.30	21.25	21.32	21.29
		1	50	21.08	21.30	20.84	20.46	20.25	20.41	21.08	21.35	21.31
		1	51	20.97	21.23	20.92	20.65	20.40	20.13	21.11	**21.36**	21.24
		25	12	21.25	21.31	21.31	20.43	20.46	20.37	21.04	21.10	21.00
		50	0	21.23	21.37	21.38	20.45	20.47	20.42	21.13	21.12	21.09

OUTPUT POWER FOR 5G NR n26 (15.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 1			ANT 2			ANT 3		
				166300	167300	168300	166300	167300	168300	166300	167300	168300
				831.5	836.5	841.5	831.5	836.5	841.5	831.5	836.5	841.5
15.0	BPSK	1	0	25.05	25.42	25.36	24.54	23.67	23.75	25.00	25.19	25.14
		1	1	25.11	**25.62**	25.52	**24.70**	24.14	24.21	24.94	**25.40**	25.30
		1	77	25.26	25.57	25.48	24.69	24.10	24.04	24.99	25.30	25.21
		1	78	24.97	25.36	25.27	24.44	23.63	23.59	25.03	25.11	25.00
		36	18	25.06	25.48	25.46	24.53	24.02	24.05	24.79	25.11	25.12
		75	0	24.93	25.27	25.30	24.42	23.59	23.65	24.91	25.00	25.00
	QPSK	1	0	24.57	24.98	24.94	24.00	23.18	23.20	24.95	24.68	24.65
		1	1	25.19	**25.70**	25.54	24.60	24.18	24.14	25.03	**25.36**	25.27
		1	77	25.12	25.63	25.55	24.61	24.18	24.13	24.91	25.23	25.15
		1	78	24.39	24.82	24.87	23.94	23.18	23.14	24.86	24.54	24.43
		36	18	25.09	25.51	25.57	**24.63**	24.08	24.09	24.88	25.22	25.17
		75	0	24.44	24.84	24.86	23.97	23.13	23.17	24.94	24.55	24.50
	16QAM	1	0	23.56	23.69	23.52	23.01	22.08	22.14	24.28	23.65	23.76
		1	1	24.34	24.57	24.49	23.90	23.15	23.10	**24.88**	24.60	24.62
		1	77	24.47	24.53	24.38	23.85	23.11	22.92	24.86	24.53	24.67
		1	78	23.52	23.36	23.45	22.93	22.15	21.82	23.96	23.58	23.51
		36	18	24.45	**24.85**	24.82	**23.95**	23.13	23.08	24.87	24.49	24.45
		75	0	23.44	23.76	23.83	22.92	22.13	22.14	23.92	23.55	23.49
	64QAM	1	0	23.34	23.29	**23.54**	22.49	21.72	21.79	**23.89**	23.40	23.39
		1	1	23.45	23.02	23.40	**22.53**	21.54	21.80	23.37	23.47	23.20
		1	77	23.44	23.22	23.27	22.45	21.64	21.75	23.54	23.30	23.16
		1	78	23.21	23.05	23.25	**22.53**	21.50	21.66	23.57	23.33	23.13
		36	18	22.91	23.28	23.35	22.45	21.64	21.65	23.41	23.08	22.95
		75	0	22.97	23.24	23.30	22.41	21.68	21.67	23.48	23.06	23.02
	256QAM	1	0	21.13	20.91	21.04	**20.42**	19.87	19.70	21.05	21.21	21.33
		1	1	20.88	20.99	20.86	20.32	19.94	19.45	21.18	21.30	21.20
		1	77	21.28	20.95	21.00	20.23	20.02	19.47	21.36	21.19	21.31
		1	78	21.02	21.01	21.05	20.16	19.93	19.53	21.35	21.11	21.28
		36	18	21.05	21.28	**21.34**	20.39	19.56	19.54	**21.51**	21.05	20.97
		75	0	20.98	21.33	21.30	20.41	19.59	19.61	21.42	21.04	20.95

OUTPUT POWER FOR 5G NR n26 (20.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 1			ANT 2			ANT 3		
				166800	167300	167800	166800	167300	167800	166800	167300	167800
				834	836.5	839.0	834	836.5	839.0	834	836.5	839.0
20.0	BPSK	1	0	25.15	25.42	25.49	24.57	23.72	23.74	24.74	25.06	25.11
		1	1	25.20	25.62	**25.68**	**24.70**	24.27	24.27	24.81	25.29	**25.40**
		1	104	25.17	25.55	25.40	24.57	24.11	24.11	24.82	25.15	25.20
		1	105	24.98	25.31	25.34	24.34	23.69	23.57	24.87	25.04	24.93
		50	25	25.19	25.57	25.54	24.64	24.18	24.12	24.77	25.17	25.12
		100	0	25.04	25.34	25.27	24.41	23.71	23.69	24.74	24.97	24.95
	QPSK	1	0	24.58	24.92	25.08	24.08	23.25	23.27	24.83	24.61	24.58
		1	1	25.25	25.68	**25.70**	24.67	24.33	24.24	24.80	**25.30**	25.23
		1	104	25.18	25.65	25.67	24.60	24.25	24.07	24.89	25.14	25.12
		1	105	24.47	24.85	24.82	23.91	23.17	23.11	24.77	24.42	24.36
		50	25	25.23	25.61	25.49	**24.69**	24.16	24.14	24.81	25.21	25.19
		100	0	24.52	24.86	24.84	23.92	23.17	23.17	24.87	24.48	24.47
	16QAM	1	0	23.27	24.02	24.04	23.49	22.09	22.29	23.69	23.53	23.43
		1	1	24.36	24.99	24.93	**24.41**	23.29	23.23	24.86	24.34	24.27
		1	104	24.40	**25.03**	24.78	24.28	23.11	23.06	**24.87**	24.26	24.24
		1	105	23.47	23.98	23.82	23.20	22.20	22.12	24.06	23.25	23.04
		50	25	24.41	24.85	24.80	23.92	23.11	23.12	24.82	24.49	24.39
		100	0	23.58	23.83	23.81	22.92	22.17	22.16	23.82	23.51	23.47
	64QAM	1	0	23.33	23.56	23.51	**22.71**	21.65	21.60	**23.65**	23.43	23.28
		1	1	23.22	**23.74**	23.42	22.35	21.73	21.74	23.29	23.46	23.48
		1	104	23.31	23.33	23.19	22.31	21.54	21.50	23.35	23.33	23.14
		1	105	23.30	23.45	23.24	22.53	21.59	21.54	23.52	23.17	23.29
		50	25	23.02	23.27	23.28	22.40	21.61	21.60	23.27	22.94	22.93
		100	0	23.03	23.27	23.29	22.39	21.66	21.61	23.31	22.99	22.97
	256QAM	1	0	21.28	21.14	21.17	20.25	19.83	20.05	21.10	21.34	21.33
		1	1	21.30	20.87	21.18	20.25	19.93	20.05	21.23	21.38	21.21
		1	104	21.13	21.02	21.02	19.92	19.89	19.89	21.11	21.10	21.16
		1	105	21.14	20.96	21.03	20.09	19.82	19.85	**21.52**	21.16	21.10
		50	25	21.00	**21.31**	21.26	20.29	19.53	19.56	21.27	20.91	20.92
		100	0	20.97	21.30	21.28	**20.36**	19.62	19.63	21.31	20.97	20.90

8.9. LTE BAND 30 AND 5G NR n30

LTE BAND 30

Test Engineer ID:	12482	Test Date:	4/18/2023

OUTPUT POWER FOR LTE BAND 30 (5.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				27685	27710	27735	27685	27710	27735	27685	27710	27735	27685	27710	27735
				2307.5	2310.0	2312.5	2307.5	2310.0	2312.5	2307.5	2310.0	2312.5	2307.5	2310.0	2312.5
5.0	QPSK	1	0	25.53	25.55	25.57	23.51	23.55	23.56	24.83	24.83	24.83	22.59	22.58	22.56
		1	12	25.67	25.66	**25.70**	23.61	23.60	**23.70**	**25.00**	24.95	24.99	22.68	22.64	**22.70**
		1	24	25.57	25.57	25.63	23.49	23.51	23.56	24.83	24.80	24.83	22.57	22.59	22.61
		12	0	24.86	24.91	24.89	22.53	22.59	22.62	23.85	23.79	23.84	21.62	21.60	21.55
		12	6	24.94	24.94	24.91	22.60	22.62	22.65	23.90	23.87	23.84	21.64	21.62	21.58
		12	11	24.89	24.90	24.97	22.59	22.59	22.63	23.86	23.84	23.88	21.62	21.60	21.64
		25	0	24.89	24.92	24.89	22.57	22.58	22.61	23.88	23.86	23.85	21.62	21.60	21.53
	16QAM	1	0	24.93	25.12	25.09	22.70	22.83	22.78	23.97	24.00	24.07	21.75	21.80	21.79
		1	12	25.09	25.17	**25.19**	22.73	**22.91**	22.86	23.99	24.15	**24.22**	21.88	21.91	**21.99**
		1	24	25.02	25.06	25.15	22.66	22.76	22.77	23.97	24.04	24.01	21.76	21.78	21.80
		12	0	23.88	23.98	23.89	21.51	21.59	21.64	22.75	22.70	22.79	20.71	20.60	20.56
		12	6	23.91	24.01	23.90	21.53	21.63	21.66	22.79	22.83	22.82	20.72	20.63	20.58
		12	11	23.87	23.98	23.95	21.51	21.60	21.63	22.76	22.76	22.86	20.68	20.60	20.65
		25	0	23.88	23.93	23.87	21.57	21.59	21.62	22.85	22.87	22.84	20.64	20.62	20.56
	64QAM	1	0	24.05	24.00	24.08	21.68	21.71	21.72	22.96	22.88	22.92	20.74	20.71	20.80
		1	12	**24.13**	24.11	**24.13**	**21.79**	21.77	21.78	23.00	22.95	**23.05**	20.80	20.77	**20.86**
		1	24	24.04	23.99	24.12	21.70	21.67	21.69	22.97	22.82	22.96	20.69	20.68	20.74
		12	0	22.91	22.93	22.88	20.59	20.61	20.62	21.88	21.79	21.83	19.64	19.62	19.56
		12	6	22.94	22.95	22.91	20.64	20.66	20.68	21.93	21.90	21.83	19.69	19.68	19.59
		12	11	22.92	22.88	22.97	20.61	20.63	20.64	21.89	21.85	21.89	19.67	19.65	19.65
		25	0	22.90	22.91	22.88	20.55	20.59	20.64	21.87	21.88	21.81	19.65	19.61	19.55
	256QAM	1	0	20.93	20.88	20.87	18.68	18.75	18.65	19.85	19.90	19.86	17.79	17.65	17.60
		1	12	**21.07**	21.03	21.02	18.78	**18.80**	18.75	19.95	19.98	**20.01**	**17.85**	17.72	17.72
		1	24	20.94	20.92	20.92	18.65	18.58	18.58	19.91	19.96	19.92	17.74	17.67	17.61
		12	0	20.85	20.90	20.85	18.53	18.56	18.60	19.85	19.78	19.78	17.65	17.62	17.52
		12	6	20.92	20.94	20.87	18.58	18.62	18.64	19.86	19.91	19.85	17.68	17.64	17.59
		12	11	20.87	20.90	20.94	18.56	18.58	18.60	19.87	19.88	19.89	17.62	17.60	17.62
		25	0	20.90	20.89	20.81	18.54	18.56	18.57	19.85	19.83	19.80	17.62	17.59	17.54

OUTPUT POWER FOR LTE BAND 30 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				N/A	27710	N/A	N/A	27710	N/A	N/A	27710	N/A	N/A	27710	N/A
				N/A	2310.0	N/A	N/A	2310.0	N/A	N/A	2310.0	N/A	N/A	2310.0	N/A
10.0	QPSK	1	0		25.66			23.64			**25.00**			**22.70**	
		1	24		**25.70**			**23.70**			**25.00**			**22.70**	
		1	49		25.69			23.62			24.94			22.65	
		25	0		24.99			22.72			23.93			21.71	
		25	12		25.05			22.74			24.03			21.72	
		25	24		25.01			22.74			23.99			21.69	
		50	0		25.01			22.72			23.99			21.69	
	16QAM	1	0		**25.17**			22.86			**24.15**			**21.87**	
		1	24		**25.17**			**22.89**			**24.15**			21.85	
		1	49		25.15			22.80			24.09			21.83	
		25	0		24.03			21.74			22.92			20.72	
		25	12		24.02			21.74			23.01			20.74	
		25	24		23.99			21.74			22.97			20.71	
		50	0		23.98			21.75			22.98			20.70	
	64QAM	1	0		24.14			21.92			**23.26**			**20.97**	
		1	24		**24.23**			**21.97**			23.23			20.94	
		1	49		24.18			21.86			23.18			20.86	
		25	0		22.98			20.71			21.90			19.72	
		25	12		22.99			20.75			22.01			19.73	
		25	24		23.00			20.72			21.97			19.70	
		50	0		22.98			20.73			21.98			19.71	
	256QAM	1	0		20.99			18.73			19.93			17.82	
		1	24		**21.10**			**18.86**			**20.05**			**17.85**	
		1	49		21.01			18.75			19.96			17.78	
		25	0		20.97			18.69			19.90			17.70	
		25	12		20.99			18.76			19.99			17.71	
		25	24		20.97			18.71			19.96			17.68	
		50	0		20.94			18.69			19.95			17.69	

5G NR n30

Test Engineer ID:	12482	Test Date:	4/11/2023

OUTPUT POWER FOR 5G NR n30 (5.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				461500	462000	462500	461500	462000	462500	461500	462000	462500	461500	462000	462500
				2307.5	2310.0	2312.5	2307.5	2310.0	2312.5	2307.5	2310.0	2312.5	2307.5	2310.0	2312.5
5.0	BPSK	1	0	20.49	20.44	20.38	18.60	18.57	18.69	19.73	19.75	19.76	17.15	17.14	17.11
		1	1	20.59	20.66	20.63	18.62	18.61	18.57	19.93	19.95	19.98	17.51	17.69	17.55
		1	23	20.65	20.64	20.61	18.69	18.50	18.65	19.89	19.94	19.92	17.44	17.53	17.54
		1	24	20.48	20.43	20.44	18.56	18.48	18.70	19.68	19.73	19.72	16.94	16.99	17.08
		12	6	20.67	20.70	20.69	18.62	18.61	18.62	19.97	20.00	19.97	17.46	17.55	17.70
		25	0	25.09	25.16	**25.20**	23.16	23.16	**23.20**	**24.50**	24.43	24.46	22.09	22.10	**22.20**
	QPSK	1	0	19.84	19.79	19.91	18.34	18.34	18.45	19.12	19.15	19.18	16.51	16.47	16.65
		1	1	20.56	20.53	20.48	18.58	18.58	18.62	19.90	19.86	20.00	17.53	17.48	17.70
		1	23	20.57	20.59	20.55	18.56	18.60	18.65	19.84	19.78	19.99	17.54	17.50	17.56
		1	24	19.82	19.88	19.83	18.35	18.32	18.44	19.03	19.09	19.06	16.47	16.55	16.62
		12	6	20.53	20.65	20.70	18.66	18.67	18.70	19.90	19.96	19.88	17.54	17.70	17.65
		25	0	24.63	**24.73**	**24.73**	23.03	**23.07**	23.06	**23.99**	**23.99**	23.97	21.66	21.70	**21.81**
	16QAM	1	0	19.35	19.10	19.61	17.43	17.63	17.42	18.80	18.57	18.94	16.21	16.49	16.59
		1	1	20.32	20.12	20.70	18.39	18.68	18.44	19.80	19.65	19.90	17.34	17.47	17.65
		1	23	20.53	20.14	20.66	18.34	18.70	18.39	19.72	19.58	19.87	17.34	17.47	17.66
		1	24	19.46	18.96	19.62	17.26	17.70	17.51	18.73	18.55	18.89	16.27	16.41	16.59
		12	6	20.31	20.20	20.25	18.58	18.60	18.57	20.00	19.85	19.96	17.64	17.59	17.70
		25	0	23.70	23.72	**23.73**	22.05	22.07	**22.08**	22.94	23.00	**23.02**	20.79	20.75	**20.81**
	64QAM	1	0	20.51	20.67	20.54	18.26	18.41	18.68	19.66	19.82	19.78	17.70	17.55	17.69
		1	1	20.52	20.70	20.58	18.32	18.45	18.60	19.68	20.00	19.69	17.70	17.61	17.61
		1	23	20.50	20.54	20.62	18.21	18.43	18.66	19.56	19.80	19.66	17.70	17.65	17.64
		1	24	20.48	20.58	20.59	18.26	18.42	18.70	19.51	19.82	19.73	17.65	17.55	17.64
		12	6	20.58	20.57	20.57	18.12	18.11	18.19	19.44	19.42	19.36	17.36	17.46	17.41
		25	0	23.21	**23.26**	23.11	21.63	**21.64**	**21.64**	**22.56**	22.49	22.45	20.24	20.35	**20.40**
	256QAM	1	0	20.69	20.44	20.41	18.48	18.38	18.68	19.66	19.92	19.83	17.64	17.60	17.62
		1	1	20.57	20.43	20.46	18.51	18.40	18.70	19.71	20.00	19.86	17.68	17.62	17.68
		1	23	20.64	20.41	20.45	18.48	18.37	18.67	19.67	19.91	19.85	17.70	17.70	17.65
		1	24	20.62	20.42	20.37	18.50	18.33	18.68	19.62	19.88	19.80	17.64	17.59	17.68
		12	6	20.63	20.70	20.68	18.28	18.32	18.35	19.71	19.58	19.55	17.34	17.36	17.34
		25	0	**21.19**	21.12	21.18	19.58	**19.66**	19.62	**20.43**	20.40	20.42	**18.32**	18.31	18.24

OUTPUT POWER FOR 5G NR n30 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				N/A	462000	N/A	N/A	462000	N/A	N/A	462000	N/A	N/A	462000	N/A
				N/A	2310.0	N/A	N/A	2310.0	N/A	N/A	2310.0	N/A	N/A	2310.0	N/A
10.0	BPSK	1	0		20.49			18.66			19.76			17.15	
		1	1		20.66			18.70			20.00			17.70	
		1	50		20.70			18.67			19.94			17.53	
		1	51		20.45			18.61			19.75			17.12	
		25	12		20.56			18.54			19.92			17.53	
		50	0		**25.20**			**23.20**			**24.50**			**22.20**	
	QPSK	1	0		19.97			18.49			19.24			16.69	
		1	1		20.69			18.70			20.00			17.70	
		1	50		20.70			18.66			19.87			17.67	
		1	51		19.97			18.51			19.12			16.68	
		25	12		20.57			18.66			19.85			17.68	
		50	0		**24.73**			**23.04**			**23.98**			**21.68**	
	16QAM	1	0		19.47			17.44			18.71			16.69	
		1	1		20.64			18.42			19.77			17.61	
		1	50		20.70			18.37			19.65			17.70	
		1	51		19.54			17.36			18.66			16.58	
		25	12		20.42			18.70			20.00			17.57	
		50	0		**23.77**			**21.98**			**22.96**			**20.76**	
	64QAM	1	0		20.69			18.57			19.95			17.54	
		1	1		20.58			18.70			20.00			17.70	
		1	50		20.70			18.59			19.89			17.52	
		1	51		20.58			18.49			19.83			17.51	
		25	12		20.48			18.20			19.61			17.01	
		50	0		**23.16**			**21.45**			**22.45**			**20.21**	
	256QAM	1	0		20.43			18.53			20.00			17.68	
		1	1		20.56			18.70			19.91			17.70	
		1	50		20.53			18.62			19.92			17.59	
		1	51		20.61			18.51			19.80			17.70	
		25	12		20.70			18.43			19.83			17.42	
		50	0		**21.31**			**19.54**			**20.39**			**18.24**	

8.10. LTE BAND 41 AND 5G NR n41

LTE BAND 41

Test Engineer ID:	32061	Test Date:	4/13/2023

OUTPUT POWER FOR LTE BAND 41 (5.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				39675	40620	41565	39675	40620	41565	39675	40620	41565	39675	40620	41565
				2498.5	2593.0	2687.5	2498.5	2593.0	2687.5	2498.5	2593.0	2687.5	2498.5	2593.0	2687.5
5.0	QPSK	1	0	24.62	28.55	27.67	25.21	28.56	27.94	22.68	27.90	26.96	22.87	27.50	26.19
		1	12	27.70	28.64	27.70	28.00	28.66	28.00	25.99	**28.00**	27.00	26.17	27.66	26.30
		1	24	27.63	28.59	27.61	27.91	28.57	27.90	26.20	27.96	26.92	26.30	**27.70**	26.19
		12	0	23.66	**28.70**	26.74	24.29	28.68	27.25	21.88	27.37	25.99	22.02	26.64	25.27
		12	6	23.69	28.64	26.75	24.31	**28.70**	27.29	22.02	27.44	26.04	22.13	26.71	25.32
		12	11	26.69	28.65	26.70	27.19	28.67	27.30	25.15	27.38	25.98	25.08	26.72	25.32
		25	0	23.68	28.66	26.75	24.20	28.66	27.28	22.03	27.35	26.03	22.04	26.71	25.30
	16QAM	1	0	24.10	27.53	27.11	24.65	27.70	27.72	22.25	27.72	26.44	22.40	27.00	25.74
		1	12	27.28	**27.70**	27.19	**27.85**	27.69	27.83	25.46	**27.74**	26.48	25.65	27.14	25.76
		1	24	27.24	27.57	27.12	27.76	27.69	27.83	25.73	27.73	26.42	25.87	**27.20**	25.80
		12	0	22.70	26.25	25.81	23.20	26.19	26.33	20.92	26.32	25.08	21.07	25.68	24.34
		12	6	22.76	26.26	25.83	23.40	26.24	26.26	21.18	26.40	25.14	21.23	25.70	24.40
		12	11	25.71	26.16	25.83	26.37	26.30	26.24	24.18	26.52	25.00	24.16	25.78	24.33
		25	0	22.70	26.26	25.77	23.17	26.24	26.31	21.05	26.41	25.10	21.02	25.72	24.29
	64QAM	1	0	22.88	26.64	25.80	23.45	26.60	26.48	20.96	26.49	25.18	21.12	25.75	24.40
		1	12	25.91	**26.70**	25.89	26.46	**26.70**	26.52	24.37	**26.65**	25.35	24.35	**25.83**	24.50
		1	24	25.89	26.60	25.85	26.49	26.61	26.47	24.41	26.53	25.12	24.56	25.82	24.54
		12	0	21.72	25.57	24.74	22.28	25.43	25.26	19.87	25.37	24.10	20.01	24.66	23.26
		12	6	21.73	25.57	24.76	22.32	25.44	25.31	20.07	25.42	24.14	20.15	24.74	23.31
		12	11	24.73	25.57	24.76	25.25	25.43	25.31	23.16	25.42	24.10	23.12	24.76	23.31
		25	0	21.71	25.57	24.77	22.24	25.42	25.31	20.03	25.40	24.06	20.08	24.72	23.24
	256QAM	1	0	19.62	23.61	22.82	20.37	23.68	23.23	17.75	23.29	22.12	18.03	22.68	21.31
		1	12	22.91	23.67	22.77	23.43	**23.70**	23.40	21.13	**23.49**	22.23	21.19	**22.80**	21.28
		1	24	22.75	**23.70**	22.66	23.12	23.50	23.30	21.36	23.38	22.07	21.23	22.69	21.13
		12	0	19.72	23.65	22.73	20.26	23.63	23.29	17.91	23.39	22.10	17.98	22.64	21.25
		12	6	19.73	23.65	22.81	20.32	23.64	23.32	18.06	23.43	22.15	18.15	22.75	21.35
		12	11	22.75	23.68	22.76	23.20	23.63	23.33	21.19	23.42	22.12	21.12	22.76	21.32
		25	0	19.70	23.67	22.77	20.23	23.63	23.29	18.05	23.37	22.08	18.03	22.69	21.30

OUTPUT POWER FOR LTE BAND 41 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				39700	40620	41540	39700	40620	41540	39700	40620	41540	39700	40620	41540
				2501.0	2593.0	2685.0	2501.0	2593.0	2685.0	2501.0	2593.0	2685.0	2501.0	2593.0	2685.0
10.0	QPSK	1	0	22.61	28.58	27.61	23.24	28.53	27.81	20.57	27.95	26.90	20.78	27.39	26.00
		1	24	27.70	28.62	27.70	28.00	28.57	28.00	26.11	**28.00**	27.00	26.18	27.58	26.30
		1	49	27.66	28.54	27.67	27.89	28.52	27.92	26.20	27.97	26.92	26.30	**27.70**	26.30
		25	0	23.71	28.65	26.78	24.32	28.59	27.25	21.98	27.33	25.91	21.95	26.56	25.20
		25	12	26.73	**28.70**	26.81	27.26	**28.70**	27.32	25.20	27.39	26.03	25.16	26.68	25.37
		25	24	25.74	28.68	26.78	26.25	28.59	27.24	24.21	27.38	26.01	24.22	26.67	25.35
		50	0	23.69	28.66	26.79	24.28	28.65	27.31	22.15	27.38	26.00	22.00	26.66	25.31
	16QAM	1	0	21.95	27.67	27.06	22.59	27.68	27.57	19.96	27.69	26.34	19.96	26.72	25.44
		1	24	27.08	**27.70**	27.12	**27.70**	**27.70**	27.66	25.52	**27.70**	26.42	25.58	26.97	25.71
		1	49	27.05	27.60	27.09	27.61	27.68	27.62	25.64	27.65	26.32	25.78	**27.10**	25.66
		25	0	22.73	26.41	25.82	23.36	26.39	26.28	21.08	26.44	24.95	21.05	25.58	24.36
		25	12	25.79	26.47	25.87	26.34	26.41	26.30	24.23	26.44	25.11	24.26	25.71	24.40
		25	24	24.77	26.49	25.81	25.26	26.34	26.25	23.22	26.42	25.03	23.33	25.74	24.36
		50	0	22.73	26.42	25.81	23.28	26.40	26.30	21.13	26.41	25.04	21.15	25.66	24.35
	64QAM	1	0	20.86	26.64	25.90	21.46	26.42	26.25	18.80	26.46	25.04	19.03	25.63	24.30
		1	24	25.96	**26.70**	26.05	26.49	**26.70**	26.50	24.38	**26.64**	25.15	24.43	25.79	24.51
		1	49	25.84	26.60	25.90	26.43	26.68	26.41	24.46	26.49	25.17	24.63	**25.98**	24.58
		25	0	21.73	25.57	24.80	22.34	25.46	25.27	19.99	25.43	24.00	20.06	24.57	23.28
		25	12	24.76	25.61	24.83	25.30	25.50	25.33	23.24	25.43	24.09	23.30	24.70	23.37
		25	24	23.77	25.59	24.81	24.26	25.44	25.24	22.21	25.42	24.08	22.36	24.69	23.34
		50	0	21.72	25.58	24.80	22.29	25.50	25.29	20.14	25.42	24.06	20.14	24.65	23.28
	256QAM	1	0	17.79	23.50	22.76	18.26	**23.70**	23.15	15.67	**23.50**	21.94	15.94	22.48	21.09
		1	24	22.92	**23.70**	22.91	23.47	23.62	23.31	21.28	23.48	22.09	21.22	22.71	21.38
		1	49	22.74	23.53	22.76	23.30	23.61	23.17	21.31	23.43	22.07	21.37	**22.82**	21.31
		25	0	19.75	23.57	22.83	20.32	23.61	23.29	18.00	23.41	22.01	18.03	22.54	21.28
		25	12	22.75	23.60	22.83	23.30	23.63	23.36	21.24	23.45	22.12	21.28	22.65	21.38
		25	24	21.77	23.59	22.83	22.30	23.58	23.24	20.25	23.43	22.09	20.30	22.65	21.36
		50	0	19.74	23.59	22.83	20.27	23.65	23.30	18.16	23.44	22.08	18.11	22.60	21.33

OUTPUT POWER FOR LTE BAND 41 (15.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				39725	40620	41515	39725	40620	41515	39725	40620	41515	39725	40620	41515
				2503.5	2593.0	2682.5	2503.5	2593.0	2682.5	2503.5	2593.0	2682.5	2503.5	2593.0	2682.5
15.0	QPSK	1	0	22.68	28.66	27.66	23.32	28.58	27.92	20.63	27.98	26.95	20.74	27.21	25.80
		1	37	27.70	28.57	27.65	28.00	28.63	27.99	26.20	27.91	26.95	26.30	27.31	26.04
		1	74	27.57	28.62	27.70	27.98	28.69	28.00	26.20	**28.00**	27.00	26.28	**27.70**	26.30
		36	0	22.72	28.66	26.73	23.43	28.67	27.32	21.02	27.30	25.96	21.12	26.41	25.01
		36	16	26.74	28.68	26.71	27.49	28.68	27.36	25.13	27.26	25.96	25.33	26.45	25.14
		36	35	23.70	**28.70**	26.74	24.40	28.63	27.30	22.14	27.31	26.02	22.29	26.49	25.18
		75	0	22.72	28.67	26.71	23.45	**28.70**	27.37	21.09	27.29	25.95	21.19	26.44	25.12
	16QAM	1	0	21.97	27.62	27.05	22.71	27.61	27.64	20.02	**27.66**	26.40	20.14	26.50	25.13
		1	37	27.02	**27.70**	27.01	**27.72**	27.70	27.64	25.64	27.65	26.47	25.74	26.83	25.49
		1	74	27.10	27.64	27.06	27.70	27.65	27.68	25.64	27.65	26.47	25.65	**27.22**	25.66
		36	0	21.73	26.33	25.76	22.43	26.32	26.34	20.05	26.31	25.02	20.11	25.46	23.99
		36	16	25.76	26.32	25.74	26.50	26.33	26.38	24.19	26.33	25.09	24.35	25.51	24.14
		36	35	22.73	26.33	25.76	23.36	26.29	26.31	21.22	26.31	25.12	21.36	25.58	24.20
		75	0	21.76	26.34	25.73	22.46	26.36	26.39	20.15	26.31	25.03	20.20	25.57	24.13
	64QAM	1	0	20.85	26.64	25.82	21.51	26.45	26.59	18.75	26.42	25.20	19.08	25.39	23.96
		1	37	25.82	26.68	26.01	26.62	26.62	26.53	24.23	**26.45**	25.20	24.48	25.64	24.29
		1	74	25.85	**26.70**	25.89	26.57	**26.70**	26.45	24.50	26.42	25.30	24.64	**25.90**	24.47
		36	0	20.74	25.53	24.70	21.44	25.46	25.31	19.00	25.32	24.01	19.11	24.42	22.98
		36	16	24.75	25.53	24.73	25.51	25.49	25.37	23.11	25.33	24.03	23.35	24.53	23.13
		36	35	21.72	25.50	24.74	22.38	25.44	25.32	20.18	25.31	24.13	20.30	24.56	23.11
		75	0	20.75	25.54	24.75	21.47	25.52	25.38	19.08	25.31	24.03	19.21	24.60	23.06
	256QAM	1	0	17.69	23.51	22.74	18.44	23.61	23.29	15.66	23.28	22.08	15.92	22.44	20.87
		1	37	22.72	**23.70**	22.83	23.47	23.60	23.24	21.24	23.33	22.14	21.55	22.67	21.22
		1	74	22.74	23.67	22.62	23.51	**23.70**	23.37	21.37	23.29	22.13	21.49	**22.84**	21.29
		36	0	18.76	23.61	22.72	19.47	23.65	23.32	16.97	23.33	22.04	17.15	22.48	20.94
		36	16	22.77	23.59	22.74	23.46	23.68	23.35	21.11	23.35	22.05	21.35	22.55	21.08
		36	35	19.75	23.62	22.75	20.39	23.61	23.31	18.19	**23.37**	22.14	18.33	22.60	21.15
		75	0	18.73	23.60	22.73	19.46	**23.70**	23.36	17.07	23.33	22.05	17.22	22.58	21.11

OUTPUT POWER FOR LTE BAND 41 (20.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				39750	40620	41490	39750	40620	41490	39750	40620	41490	39750	40620	41490
				2506.0	2593.0	2680.0	2506.0	2593.0	2680.0	2506.0	2593.0	2680.0	2506.0	2593.0	2680.0
20.0	QPSK	1	0	22.63	28.59	27.64	23.31	28.54	27.86	20.55	**28.00**	27.00	20.70	27.28	25.93
		1	49	27.63	28.60	27.64	28.00	28.59	27.92	26.15	27.87	26.91	26.27	27.34	25.91
		1	99	27.57	28.62	27.70	27.98	28.64	28.00	26.20	27.93	26.98	26.30	**27.70**	26.30
		50	0	22.70	28.65	26.67	23.40	28.63	27.28	21.05	27.23	25.89	21.09	26.32	24.92
		50	24	26.70	**28.70**	26.71	27.41	28.68	27.36	25.22	27.24	25.91	25.24	26.44	25.06
		50	49	23.60	28.68	26.72	24.36	28.62	27.28	22.16	27.21	25.98	22.23	26.51	25.17
		100	0	22.63	28.69	26.71	23.33	**28.70**	27.34	21.20	27.25	25.91	21.13	26.47	25.06
	16QAM	1	0	21.99	27.26	27.04	22.64	27.46	27.62	19.90	27.74	26.21	20.06	26.71	25.21
		1	49	**27.70**	**27.70**	27.40	**27.92**	27.60	27.65	25.92	**27.99**	26.61	25.72	26.75	25.37
		1	99	27.10	27.25	27.04	27.70	27.70	27.80	25.63	27.52	26.27	25.73	**27.21**	25.65
		50	0	21.72	25.84	25.69	22.39	26.17	26.29	20.08	26.24	24.92	20.06	25.36	23.90
		50	24	25.73	25.88	25.72	26.42	26.20	26.39	24.25	26.23	24.92	24.24	25.45	24.04
		50	49	22.62	25.88	25.69	23.36	26.17	26.31	21.21	26.23	24.99	21.25	25.54	24.11
		100	0	21.67	25.88	25.70	22.35	26.18	26.36	20.20	26.22	24.89	20.11	25.46	23.93
	64QAM	1	0	20.75	26.64	25.91	21.51	26.60	26.29	18.68	26.34	25.10	18.84	25.55	24.16
		1	49	25.80	26.65	25.97	26.43	26.52	26.50	24.40	**26.56**	25.30	24.44	25.44	23.96
		1	99	25.83	**26.70**	25.80	26.37	**26.70**	26.40	24.46	26.35	25.13	24.52	**25.94**	24.44
		50	0	20.69	25.52	24.66	21.42	25.45	25.30	19.11	25.24	23.90	19.08	24.35	22.89
		50	24	24.72	25.53	24.71	25.42	25.50	25.35	23.26	25.23	23.92	23.25	24.45	23.03
		50	49	21.61	25.54	24.70	22.37	25.43	25.29	20.21	25.19	23.99	20.20	24.54	23.14
		100	0	20.64	25.53	24.71	21.33	25.48	25.37	19.22	25.23	23.90	19.13	24.46	23.05
	256QAM	1	0	17.94	23.67	22.82	18.60	23.60	23.41	15.72	23.31	21.91	16.06	22.43	20.92
		1	49	22.65	23.67	22.77	23.40	23.63	23.39	21.21	**23.44**	22.02	21.49	22.67	21.25
		1	99	22.78	**23.70**	22.67	23.45	**23.70**	23.53	21.36	23.27	22.00	21.61	**22.84**	21.32
		50	0	18.72	23.65	22.68	19.42	23.65	23.28	17.05	23.24	21.92	17.09	22.33	20.88
		50	24	22.73	23.68	22.70	23.35	23.69	23.36	21.25	23.22	21.93	21.20	22.44	21.00
		50	49	19.66	23.68	22.70	20.37	23.63	23.26	18.24	23.24	21.99	18.25	22.56	21.10
		100	0	18.61	23.64	22.71	19.37	23.69	23.33	17.20	23.25	21.94	17.16	22.46	21.01

5G NR n41

Test Engineer ID:	25780	Test Date:	6/1/2023

OUTPUT POWER FOR 5G NR n41 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 2			ANT 1			ANT 4			ANT 3		
				500200	518600	537000	500200	518600	537000	500200	518600	537000	500200	518600	537000
				2501.0	2593.0	2685.0	2501.0	2593.0	2685.0	2501.0	2593.0	2685.0	2501.0	2593.0	2685.0
10.0	BPSK	1	0	22.28	25.15	24.93	22.04	24.99	23.44	20.69	24.45	22.59	20.13	24.44	23.60
		1	1	22.30	28.33	26.31	22.26	**28.70**	27.11	20.61	**27.60**	26.23	20.18	27.91	27.00
		1	22	28.00	**28.52**	26.37	27.70	28.23	27.38	26.30	27.56	26.30	26.20	**27.96**	26.95
		1	23	24.34	25.29	24.98	24.35	25.35	23.49	23.03	24.32	22.60	22.70	24.34	23.36
		12	6	24.25	28.45	28.00	24.11	28.69	27.41	22.89	27.48	26.14	22.50	27.87	26.92
		24	0	24.27	28.37	27.66	24.25	28.03	26.65	22.89	27.30	25.67	22.48	27.45	26.41
	QPSK	1	0	21.81	25.37	25.03	21.70	25.18	23.46	20.15	24.39	22.55	19.69	24.48	23.40
		1	1	21.66	**28.70**	27.61	21.36	**28.66**	27.31	20.18	27.51	26.13	19.64	27.97	26.98
		1	22	27.89	28.49	27.09	27.51	28.19	27.70	26.28	**27.70**	26.27	26.16	**28.00**	26.87
		1	23	24.40	25.43	24.97	23.68	25.06	23.58	22.94	24.22	22.66	22.65	24.29	23.31
		12	6	23.26	28.39	27.44	22.82	27.96	26.83	21.79	27.47	26.26	21.40	27.91	26.88
		24	0	23.40	27.65	26.54	23.15	26.95	26.35	21.84	26.75	25.13	21.49	26.94	25.70
	16QAM	1	0	21.68	25.09	24.82	21.55	25.29	23.51	19.69	23.97	22.86	19.80	24.57	23.45
		1	1	22.07	27.59	27.30	21.65	**27.68**	26.62	19.77	26.78	25.47	19.78	26.95	25.85
		1	22	26.92	27.68	26.26	26.34	27.47	26.40	25.20	**26.99**	25.51	25.27	**27.03**	25.83
		1	23	24.34	25.26	24.73	23.79	25.60	23.87	22.70	24.03	22.72	22.69	24.44	23.34
		12	6	22.83	**27.80**	26.75	22.29	27.20	25.91	21.22	26.78	25.13	21.02	26.97	25.84
		24	0	22.75	26.86	26.13	22.40	26.14	25.03	21.42	25.80	24.31	20.98	25.89	24.88
	64QAM	1	0	21.33	25.45	25.28	21.43	25.41	23.35	19.68	24.66	22.74	19.42	24.54	23.44
		1	1	21.05	26.44	26.25	21.15	**26.33**	24.38	19.74	25.63	23.61	19.50	25.52	24.41
		1	22	25.15	**26.55**	25.72	25.31	26.02	24.68	24.04	**25.74**	23.79	23.99	**25.64**	24.40
		1	23	24.24	25.51	25.36	24.11	24.76	23.71	23.01	24.68	22.60	22.87	24.58	23.61
		12	6	22.68	26.32	25.99	22.79	25.69	24.59	21.20	25.33	23.74	20.92	25.47	24.45
		24	0	22.82	26.17	26.14	22.74	25.89	24.81	21.28	25.30	23.59	20.92	25.48	24.47
	256QAM	1	0	19.78	24.32	24.25	19.18	**24.33**	22.18	17.94	23.27	21.23	17.81	23.47	22.43
		1	1	19.82	24.24	24.29	19.54	23.66	22.11	17.90	23.44	21.24	17.71	23.47	22.34
		1	22	23.25	24.33	24.44	22.98	23.84	22.04	21.87	23.34	21.27	21.76	23.41	22.25
		1	23	23.27	**24.47**	24.28	22.47	23.89	22.42	21.88	**23.49**	21.36	21.76	23.34	22.25
		12	6	21.29	24.12	23.89	20.88	24.23	22.77	19.97	23.25	21.67	19.37	**23.50**	22.30
		24	0	21.20	24.32	24.04	21.24	24.26	22.57	19.90	23.26	21.73	19.53	23.38	22.52

OUTPUT POWER FOR 5G NR n41 (15.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 2			ANT 1			ANT 4			ANT 3		
				500700	518600	536500	500700	518600	536500	500700	518600	536500	500700	518600	536500
				2503.5	2593.0	2682.5	2503.5	2593.0	2682.5	2503.5	2593.0	2682.5	2503.5	2593.0	2682.5
15.0	BPSK	1	0	22.69	24.53	24.62	22.36	25.17	24.18	20.19	24.40	22.64	19.79	24.40	23.46
		1	1	22.67	**28.55**	28.00	22.27	28.44	27.10	20.18	**27.66**	26.23	19.90	27.94	27.00
		1	36	28.00	28.22	26.45	27.70	28.58	27.32	26.22	27.62	26.30	26.20	**28.00**	26.87
		1	37	24.68	24.93	24.69	24.06	25.26	23.39	22.61	24.39	22.71	22.64	24.41	23.35
		18	9	24.62	28.00	27.16	24.05	**28.70**	27.28	22.45	27.63	26.20	22.31	27.86	26.87
		36	0	24.62	27.92	26.49	24.56	28.08	26.77	22.46	27.44	25.64	22.33	27.38	26.38
	QPSK	1	0	22.10	25.02	24.48	21.55	25.66	23.41	19.73	24.42	22.61	19.17	24.31	23.40
		1	1	22.06	**28.70**	27.01	21.63	**28.37**	26.87	19.71	27.62	26.22	19.18	27.84	26.93
		1	36	27.92	28.15	26.47	27.34	28.28	26.90	26.30	**27.70**	26.07	25.93	**27.87**	26.92
		1	37	24.58	24.64	24.63	24.53	25.38	23.42	22.72	24.48	22.71	22.49	24.34	23.41
		18	9	23.66	28.33	27.19	23.20	27.87	27.70	21.47	27.60	26.09	21.22	27.85	26.94
		36	0	23.59	27.49	26.51	23.29	27.55	26.83	21.33	26.90	25.08	21.23	26.91	25.87
	16QAM	1	0	22.13	24.87	24.62	21.75	25.61	24.03	19.81	24.21	22.92	19.55	24.06	23.41
		1	1	21.94	27.06	26.84	21.94	27.19	26.65	19.87	**27.06**	25.35	19.53	26.48	25.94
		1	36	27.30	27.04	26.29	26.36	26.65	26.52	25.32	26.84	25.24	25.34	26.59	25.66
		1	37	24.59	24.56	24.75	23.96	25.40	23.97	22.84	24.23	22.79	22.83	23.97	23.23
		18	9	23.08	**27.66**	25.91	22.97	**27.45**	26.76	20.94	26.72	25.15	20.79	**26.86**	25.92
		36	0	23.14	26.71	25.86	22.81	26.61	25.53	20.79	25.85	24.18	20.81	25.91	24.83
	64QAM	1	0	21.82	25.16	24.61	21.48	25.51	24.19	19.12	24.82	22.70	18.67	24.28	23.53
		1	1	21.57	**26.26**	25.68	21.47	**26.31**	25.08	19.16	25.58	23.76	18.72	25.22	24.49
		1	36	25.65	26.12	25.36	25.02	26.21	25.24	23.47	**25.68**	23.58	23.45	25.33	24.50
		1	37	24.76	25.14	24.81	24.40	25.48	24.58	22.62	24.49	22.58	22.54	24.31	23.47
		18	9	23.13	25.99	25.45	22.95	26.10	25.59	21.02	25.33	23.68	21.14	**25.42**	24.46
		36	0	23.16	25.89	25.61	22.85	26.15	24.96	20.87	25.35	23.60	20.91	25.34	24.34
	256QAM	1	0	20.15	23.95	23.27	19.52	24.09	23.07	17.36	**23.47**	21.55	17.43	23.38	22.36
		1	1	20.24	23.66	23.24	19.42	**24.69**	23.23	17.45	23.33	21.33	17.56	23.21	22.34
		1	36	23.94	23.69	23.41	22.86	24.40	22.93	21.45	23.42	21.63	21.84	23.22	22.42
		1	37	**24.00**	23.48	23.30	23.09	24.47	23.15	21.45	23.45	21.43	21.88	23.24	22.26
		18	9	21.49	23.87	23.56	21.00	24.44	23.39	19.55	23.31	21.80	19.55	**23.49**	22.46
		36	0	21.75	23.92	23.55	21.44	24.01	23.36	19.37	23.34	21.76	19.40	23.42	22.34

OUTPUT POWER FOR 5G NR n41 (20.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 2			ANT 1			ANT 4			ANT 3		
				501200	518600	536000	501200	518600	536000	501200	518600	536000	501200	518600	536000
				2506.0	2593.0	2680.0	2506.0	2593.0	2680.0	2506.0	2593.0	2680.0	2506.0	2593.0	2680.0
20.0	BPSK	1	0	22.30	25.09	24.11	22.41	25.31	24.36	20.27	24.40	22.49	19.44	24.85	23.52
		1	1	22.33	28.48	28.00	22.40	**28.70**	27.58	20.32	**27.70**	26.25	19.44	**28.00**	27.00
		1	49	28.00	**28.60**	27.29	27.70	28.37	27.60	26.30	27.68	26.30	25.73	27.89	26.97
		1	50	24.39	25.37	24.37	24.35	25.44	24.40	22.73	24.45	22.59	22.31	24.54	23.38
		25	12	24.42	28.50	27.71	24.34	28.30	27.70	22.61	27.59	26.15	22.13	27.97	26.83
		50	0	24.38	28.37	27.36	24.30	28.36	27.30	22.53	27.39	25.53	22.12	27.69	26.34
	QPSK	1	0	21.73	25.36	24.15	21.92	25.46	24.37	19.64	24.23	22.54	19.42	24.75	23.55
		1	1	21.77	**28.70**	27.59	21.94	**27.82**	27.56	19.73	**27.69**	26.07	19.40	**27.95**	26.97
		1	49	27.92	28.24	26.88	27.66	27.54	27.57	26.26	27.55	26.00	26.20	27.93	26.93
		1	50	24.40	25.36	24.38	24.47	25.66	24.26	22.64	24.32	22.64	22.60	24.63	23.51
		25	12	23.38	28.45	27.27	23.42	27.62	27.49	21.61	27.55	26.14	21.44	27.91	26.98
		50	0	23.36	27.78	26.79	23.44	27.09	26.79	21.50	26.90	25.01	21.41	27.16	25.91
	16QAM	1	0	21.66	25.03	24.12	21.87	25.46	24.14	19.65	24.24	22.14	19.23	25.05	23.68
		1	1	21.80	27.75	26.58	21.55	**26.95**	26.92	19.62	**26.96**	24.72	19.29	**27.46**	26.19
		1	49	26.92	**27.90**	26.20	26.74	26.60	26.91	25.25	26.80	24.91	24.96	27.34	25.95
		1	50	24.35	25.42	24.15	24.08	25.60	24.30	22.87	24.35	22.53	22.53	25.06	23.52
		25	12	22.94	27.81	26.68	22.95	26.94	26.72	21.01	26.86	25.09	20.96	27.20	25.88
		50	0	22.86	26.81	25.75	22.99	26.07	25.80	21.07	25.92	24.16	20.96	26.29	25.00
	64QAM	1	0	21.50	25.15	24.22	21.36	25.66	24.19	19.26	24.69	22.33	18.75	24.87	23.53
		1	1	21.77	26.52	25.20	21.35	**25.82**	25.07	19.32	**25.53**	23.63	18.98	**25.99**	24.60
		1	49	25.78	**26.64**	25.43	25.44	25.78	25.27	24.03	25.31	23.67	23.55	25.82	24.52
		1	50	24.85	25.63	24.55	24.48	25.55	24.28	22.81	24.60	22.68	22.46	24.86	23.51
		25	12	23.05	26.24	25.33	22.97	25.63	25.36	21.12	25.33	23.55	20.95	25.67	24.53
		50	0	22.93	26.25	25.28	22.92	25.64	25.27	21.04	25.37	23.58	21.00	25.72	24.47
	256QAM	1	0	19.51	23.99	23.13	20.06	24.06	23.32	17.70	23.40	21.52	17.22	23.71	22.39
		1	1	19.59	**24.62**	23.53	20.17	24.28	23.34	17.81	23.33	21.45	17.31	23.47	22.46
		1	49	23.52	24.56	23.08	23.63	24.08	23.33	21.70	23.15	21.66	21.53	23.67	22.37
		1	50	23.53	24.40	23.27	23.90	24.04	23.33	21.86	23.44	21.51	21.56	23.58	22.38
		25	12	21.34	24.27	23.25	21.48	**24.50**	23.41	19.65	**23.47**	21.62	19.43	23.65	22.46
		50	0	21.53	24.23	23.26	21.40	24.46	23.43	19.58	23.44	21.62	19.44	**23.74**	22.52

OUTPUT POWER FOR 5G NR n41 (30.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 2			ANT 1			ANT 4			ANT 3		
				502200	518600	525000	502200	518600	525000	502200	518600	525000	502200	518600	525000
				2511.0	2593.0	2675.0	2511.0	2593.0	2675.0	2511.0	2593.0	2675.0	2511.0	2593.0	2675.0
30.0	BPSK	1	0	22.18	25.20	24.04	22.32	26.25	24.39	19.99	24.38	22.26	19.96	24.89	23.36
		1	1	22.25	28.65	28.00	22.26	28.63	27.68	20.17	**27.70**	26.05	19.96	27.93	27.00
		1	76	27.98	**28.70**	27.16	27.70	**28.70**	27.70	26.18	27.67	26.30	26.12	**27.94**	26.85
		1	77	24.29	25.35	24.39	24.35	26.37	24.41	22.63	24.49	22.65	22.76	24.63	23.25
		36	18	24.25	28.46	27.71	24.24	28.51	27.55	22.52	27.58	25.86	22.42	27.71	26.82
		75	0	24.37	28.38	27.10	24.25	28.67	27.41	22.56	27.35	25.45	22.50	27.62	26.18
	QPSK	1	0	21.84	25.31	24.17	21.86	26.32	24.20	19.61	24.33	22.25	19.33	24.85	23.33
		1	1	21.89	**28.66**	27.69	21.80	28.55	27.68	19.67	**27.63**	25.95	19.37	**28.00**	26.68
		1	76	28.00	28.19	26.75	27.66	28.54	27.64	26.30	27.39	25.77	26.20	27.83	26.50
		1	77	24.53	25.51	24.38	24.48	26.47	24.39	22.77	24.40	22.54	22.62	24.71	23.29
		36	18	23.26	28.54	27.21	23.19	**28.58**	27.53	21.47	27.55	25.97	21.46	27.76	26.78
		75	0	23.32	27.82	26.73	23.18	28.57	26.89	21.43	26.85	24.99	21.43	27.14	25.71
	16QAM	1	0	21.77	24.89	24.27	21.56	26.15	24.30	19.68	24.42	22.73	19.70	24.86	23.72
		1	1	22.12	27.67	26.69	21.58	**28.40**	26.75	19.70	**26.95**	25.06	19.83	**27.35**	26.14
		1	76	26.92	27.70	26.40	26.79	28.31	26.95	25.42	26.84	25.51	25.48	27.22	25.84
		1	77	24.57	25.65	24.34	24.27	26.36	24.50	22.84	24.65	22.71	22.90	24.75	23.58
		36	18	22.80	**27.93**	26.66	22.76	28.36	26.75	20.98	26.78	24.92	21.01	27.01	25.76
		75	0	22.83	26.96	25.71	22.77	27.63	25.94	20.89	25.79	24.04	21.03	26.13	24.77
	64QAM	1	0	20.88	25.05	24.03	21.42	26.27	24.66	19.17	24.45	22.36	19.21	24.78	23.41
		1	1	21.19	26.20	25.52	21.36	**27.46**	25.01	19.08	25.56	23.40	19.17	25.55	24.38
		1	76	25.40	**26.48**	25.48	25.53	27.20	25.37	23.99	**25.62**	23.53	23.89	25.60	24.34
		1	77	24.22	25.57	24.37	24.32	26.40	24.63	22.97	24.28	22.71	22.90	24.63	23.39
		36	18	22.75	26.41	25.05	22.75	27.09	25.36	20.96	25.22	23.46	20.99	**25.66**	24.33
		75	0	22.77	26.47	25.14	22.72	27.12	25.40	20.98	25.34	23.51	20.99	25.61	24.22
	256QAM	1	0	19.54	24.12	22.45	19.83	25.29	23.19	17.55	23.53	21.35	17.44	**23.75**	21.98
		1	1	19.50	24.20	22.62	19.86	**25.68**	23.47	17.92	23.63	21.33	17.31	23.63	21.81
		1	76	23.25	24.33	22.93	23.44	25.59	23.31	21.70	**23.78**	21.71	21.62	23.64	21.99
		1	77	22.79	**24.42**	22.66	23.43	25.63	23.33	21.64	23.61	21.77	21.56	23.63	22.09
		36	18	21.22	24.30	23.13	21.20	25.39	23.39	19.50	23.39	21.50	19.51	23.56	22.41
		75	0	21.24	24.23	23.17	21.31	25.28	23.33	19.43	23.29	21.45	19.49	23.58	22.27

OUTPUT POWER FOR 5G NR n41 (40.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 2			ANT 1			ANT 4			ANT 3		
				503200	518600	534000	503200	518600	534000	503200	518600	534000	503200	518600	534000
				2516.0	2593.0	2670.0	2516.0	2593.0	2670.0	2516.0	2593.0	2670.0	2516.0	2593.0	2670.0
40.0	BPSK	1	0	22.20	25.14	24.69	22.22	25.53	24.30	20.15	24.39	22.86	19.91	24.94	23.46
		1	1	22.28	**28.66**	28.00	22.15	**28.70**	27.69	20.10	**27.70**	26.30	19.89	**27.98**	26.99
		1	104	27.99	28.64	27.00	27.70	28.19	27.65	26.30	27.61	25.49	26.20	27.90	27.00
		1	105	24.48	25.40	25.01	24.32	25.71	24.38	22.85	24.42	22.98	22.65	24.60	23.34
		50	25	24.32	28.52	27.75	24.14	28.09	27.45	22.44	27.50	26.12	22.40	27.71	26.93
		100	0	24.45	28.40	27.42	24.20	27.80	27.29	22.45	27.35	25.86	22.43	27.60	26.42
	QPSK	1	0	21.84	25.26	24.75	21.80	25.65	24.28	19.53	24.15	22.73	19.36	24.86	23.41
		1	1	21.88	**28.70**	27.47	21.82	**27.96**	27.52	19.64	**27.57**	26.02	19.44	**28.00**	26.97
		1	104	28.00	28.25	26.56	27.70	27.35	27.70	26.27	27.12	24.69	26.19	27.82	26.57
		1	105	24.48	25.48	25.02	24.33	25.68	24.27	22.74	24.30	23.11	22.61	24.66	23.34
		50	25	23.29	28.59	27.28	23.12	27.36	27.59	21.53	27.47	25.56	21.44	27.73	26.82
		100	0	23.42	27.86	26.71	23.18	26.84	26.78	21.49	26.83	24.96	21.45	27.06	25.83
	16QAM	1	0	21.56	25.18	24.58	21.76	25.59	23.97	19.53	24.40	22.76	19.33	24.71	23.45
		1	1	21.35	**28.15**	27.04	21.74	26.90	25.79	19.58	**27.06**	25.30	19.47	**27.24**	25.90
		1	104	26.79	27.63	26.00	26.98	26.88	**27.01**	25.30	26.63	24.22	25.33	26.84	25.85
		1	105	24.40	25.18	24.96	24.20	26.08	24.52	22.84	24.44	23.14	22.74	24.56	23.41
		50	25	22.92	27.91	26.70	22.62	26.78	26.84	20.98	26.80	25.06	20.89	26.99	25.90
		100	0	22.90	26.96	26.04	22.74	25.93	25.75	20.95	25.81	24.33	20.88	26.04	24.89
	64QAM	1	0	21.82	25.16	24.82	21.31	25.84	24.33	19.19	24.31	22.65	18.72	24.79	23.55
		1	1	21.49	26.33	26.28	21.38	**26.23**	25.63	19.30	**25.66**	23.85	18.97	**25.76**	24.57
		1	104	25.80	**26.41**	25.23	25.46	25.81	25.66	23.88	25.34	23.27	23.65	25.53	24.64
		1	105	24.40	25.77	25.33	24.77	25.27	24.45	23.09	24.43	22.93	22.64	24.56	23.59
		50	25	22.76	26.33	25.68	22.55	25.47	25.26	21.01	25.26	23.82	20.94	25.52	24.44
		100	0	22.87	26.35	25.77	22.75	25.57	25.29	20.97	25.31	23.82	20.95	25.53	24.39
	256QAM	1	0	19.62	24.45	23.84	19.30	24.32	23.20	17.52	23.46	21.78	17.26	23.74	22.22
		1	1	19.84	24.08	23.68	19.63	**24.67**	23.57	17.63	**23.64**	21.64	17.23	**23.81**	22.26
		1	104	23.48	24.19	23.76	23.20	24.18	23.55	21.81	23.62	21.92	21.63	23.48	22.23
		1	105	23.21	**24.63**	23.93	23.30	24.03	23.52	21.68	23.53	21.70	21.65	23.78	22.25
		50	25	21.29	24.33	23.88	21.26	24.24	23.34	19.47	23.31	21.83	19.42	23.48	22.36
		100	0	21.36	24.32	23.85	21.28	24.25	23.29	19.59	23.34	21.99	19.36	23.56	22.48

OUTPUT POWER FOR 5G NR n41 (50.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 2			ANT 1			ANT 4			ANT 3		
				504200	518600	533000	504200	518600	533000	504200	518600	533000	504200	518600	533000
				2521.0	2593.0	2665.0	2521.0	2593.0	2665.0	2521.0	2593.0	2665.0	2521.0	2593.0	2665.0
50.0	BPSK	1	0	22.08	25.18	24.43	22.28	26.24	24.40	19.27	27.68	25.68	19.81	24.98	23.56
		1	1	22.33	**28.70**	28.00	22.22	28.40	27.69	21.79	24.36	23.16	19.79	**28.00**	27.00
		1	131	27.90	28.42	27.14	27.69	**28.70**	27.67	21.66	27.58	26.28	26.15	27.94	26.88
		1	132	24.23	25.10	24.95	24.29	26.38	24.36	21.64	27.40	26.09	22.47	24.73	23.32
		64	32	24.25	28.34	27.75	24.32	28.47	27.70	18.57	24.30	22.88	22.38	27.77	26.93
		128	0	24.30	28.22	27.47	24.32	28.43	27.44	18.78	**27.70**	26.30	22.31	27.70	26.43
	QPSK	1	0	21.65	25.14	24.37	21.75	26.36	24.24	25.42	27.33	24.93	19.32	24.88	23.38
		1	1	21.77	28.39	27.59	21.76	28.48	27.51	22.06	24.31	23.26	19.27	27.77	26.88
		1	131	28.00	28.12	26.63	27.70	**28.66**	27.45	20.59	**27.58**	25.88	26.20	27.29	26.01
		1	132	24.53	25.34	24.77	24.49	26.43	24.50	20.52	26.88	25.22	22.60	24.60	23.39
		64	32	23.38	**28.40**	27.25	23.25	28.53	27.66	18.31	24.22	22.63	21.31	**27.83**	26.89
		128	0	23.36	27.77	26.67	23.30	28.29	26.91	19.11	27.02	25.61	21.33	26.82	25.81
	16QAM	1	0	22.16	24.63	24.34	21.82	26.23	24.52	24.57	26.56	24.39	19.29	24.84	23.14
		1	1	22.08	27.44	27.07	21.90	**28.48**	27.38	22.01	24.35	23.39	19.30	**27.11**	25.61
		1	131	27.14	27.52	26.25	27.15	28.32	26.98	20.08	**26.95**	25.34	25.38	26.67	25.51
		1	132	24.69	25.05	24.74	24.44	26.38	24.48	20.08	25.84	24.61	22.61	24.68	23.11
		64	32	22.77	**27.79**	26.71	22.76	28.21	26.99	17.97	24.44	22.58	20.82	**27.11**	26.00
		128	0	22.74	26.84	26.12	22.78	27.35	26.00	18.26	26.02	24.11	20.83	26.06	24.81
	64QAM	1	0	21.22	25.24	24.66	21.29	25.99	24.46	22.53	**25.89**	23.55	18.87	25.10	23.69
		1	1	21.63	26.45	25.71	21.06	**27.10**	25.65	21.91	24.51	23.06	18.87	**25.92**	24.59
		1	131	25.47	**26.52**	25.33	25.40	26.89	25.75	20.09	25.33	24.10	23.77	25.58	24.41
		1	132	24.23	25.53	24.93	24.36	26.26	24.63	20.03	25.36	24.03	22.74	24.65	23.33
		64	32	22.86	26.18	25.81	22.78	26.74	25.49	16.58	23.55	22.05	20.93	25.66	24.42
		128	0	22.92	26.25	25.79	22.73	26.89	25.47	17.13	23.77	22.24	20.83	25.64	24.44
	256QAM	1	0	19.69	23.74	23.25	19.62	25.52	23.54	21.00	23.42	22.17	17.28	**23.85**	22.31
		1	1	19.89	23.93	23.57	19.71	**25.81**	23.45	20.86	23.34	22.36	16.98	23.80	22.37
		1	131	23.44	24.08	23.45	23.24	25.41	23.54	18.56	23.47	22.08	21.47	23.69	22.33
		1	132	23.22	24.14	23.24	23.42	25.63	23.48	18.50	23.41	22.08	21.50	23.36	22.44
		64	32	21.27	24.16	23.53	21.27	25.27	23.46	22.83	24.19	19.28	19.44	23.75	22.50
		128	0	21.29	**24.22**	23.57	21.28	25.23	23.48	26.30	**27.60**	19.51	19.27	23.61	22.42

OUTPUT POWER FOR 5G NR n41 (60.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 2			ANT 1			ANT 4			ANT 3		
				505200	518600	532000	505200	518600	532000	505200	518600	532000	505200	518600	532000
				2526.0	2593.0	2660.0	2526.0	2593.0	2660.0	2526.0	2593.0	2660.0	2526.0	2593.0	2660.0
60.0	BPSK	1	0	22.17	25.30	24.43	22.26	26.27	25.31	25.22	27.57	25.62	19.95	24.77	23.40
		1	1	22.34	**28.70**	28.00	22.21	28.47	27.70	21.83	24.35	23.32	20.04	**28.00**	26.98
		1	160	27.85	28.62	26.88	27.70	**28.70**	27.69	21.74	**27.70**	26.30	26.17	27.73	26.78
		1	161	24.26	25.53	24.86	24.38	26.38	25.51	21.73	27.41	25.98	22.62	24.46	23.26
		81	40	24.32	28.68	27.52	24.39	28.38	27.62	18.50	24.16	22.88	22.42	27.79	26.94
		162	0	24.23	28.51	27.18	24.30	28.48	27.65	18.73	27.49	26.16	22.49	27.69	26.38
	QPSK	1	0	21.58	25.23	24.45	21.90	26.09	25.22	25.30	27.41	24.82	19.58	24.60	23.43
		1	1	21.82	28.45	27.34	21.93	28.30	27.63	21.68	24.30	23.05	19.66	**27.67**	27.00
		1	160	28.00	27.91	26.39	27.64	**28.44**	27.57	20.58	**27.65**	26.18	26.20	27.23	26.38
		1	161	24.50	25.43	24.97	24.37	26.37	25.32	20.58	27.02	25.35	22.70	24.41	23.33
		81	40	23.26	**28.52**	27.05	23.36	28.35	27.66	18.19	24.07	23.09	21.43	27.48	26.89
		162	0	23.33	28.00	26.47	23.37	28.30	27.18	18.32	27.26	25.66	21.40	26.65	25.87
	16QAM	1	0	21.51	25.27	24.79	21.56	26.19	24.85	24.08	26.58	24.43	19.57	24.74	23.69
		1	1	21.70	**28.23**	26.90	21.64	28.34	27.41	21.25	24.10	23.60	19.44	26.71	26.26
		1	160	26.84	27.55	26.01	26.90	**28.62**	26.60	20.22	**26.85**	25.56	25.23	26.72	26.33
		1	161	24.54	25.23	24.78	24.35	26.11	25.18	20.15	25.95	24.66	22.75	24.35	23.31
		81	40	22.80	27.99	26.47	22.87	28.09	27.06	17.94	24.35	22.94	20.99	**27.05**	25.92
		162	0	22.85	26.94	25.88	22.93	27.42	26.32	18.23	25.45	24.21	20.90	25.92	24.91
	64QAM	1	0	20.93	25.06	24.56	21.56	26.28	25.29	22.78	25.30	23.53	19.18	25.05	22.92
		1	1	21.29	26.36	25.81	21.36	**27.15**	26.46	21.65	24.44	23.56	19.60	25.45	24.53
		1	160	25.50	**26.82**	24.93	26.00	27.05	25.68	20.13	25.43	24.11	23.51	**25.75**	24.32
		1	161	23.68	26.10	24.56	24.70	26.38	25.21	20.22	**25.46**	24.04	22.92	24.85	23.04
		81	40	22.86	26.55	25.57	22.90	26.71	25.68	16.52	23.19	21.75	20.89	25.54	24.41
		162	0	22.86	26.51	25.58	22.91	27.02	25.90	16.55	23.63	22.04	20.99	25.44	24.38
	256QAM	1	0	19.21	23.71	23.33	19.80	25.57	24.43	20.63	23.70	22.21	16.97	23.63	22.37
		1	1	19.55	23.99	22.80	19.59	25.52	24.24	20.84	23.69	22.15	17.54	23.59	22.43
		1	160	23.02	23.99	23.42	23.34	25.60	24.19	18.79	23.45	22.17	21.46	23.39	22.31
		1	161	23.20	23.95	23.66	23.39	**25.69**	24.53	18.66	23.54	22.07	21.92	**23.72**	22.24
		81	40	21.24	24.41	23.62	21.40	25.16	24.34	22.91	24.17	20.37	19.46	23.58	22.36
		162	0	21.27	**24.43**	23.62	21.46	25.25	24.40	26.30	**27.62**	20.65	19.40	23.64	22.49

OUTPUT POWER FOR 5G NR n41 (70.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 2			ANT 1			ANT 4			ANT 3		
				506200	518600	531000	506200	518600	531000	506200	518600	531000	506200	518600	531000
				2531.0	2593.0	2655.0	2531.0	2593.0	2655.0	2531.0	2593.0	2655.0	2531.0	2593.0	2655.0
70.0	BPSK	1	0	22.47	23.35	24.48	23.34	24.32	25.22	26.19	27.52	25.71	19.88	22.85	23.58
		1	1	22.66	23.51	28.00	23.23	24.29	27.62	23.04	24.31	22.91	19.65	22.75	26.93
		1	187	28.00	28.60	27.07	27.66	**28.67**	27.67	23.12	**27.55**	26.30	26.20	27.71	26.89
		1	188	24.78	25.38	25.07	25.48	26.50	25.55	23.02	27.25	26.03	22.71	24.55	23.25
		90	45	22.95	**28.70**	27.82	25.33	28.51	27.57	19.84	21.62	22.66	22.64	**28.00**	26.90
		180	0	24.10	28.47	27.44	25.35	28.56	27.63	20.02	21.88	26.14	22.61	27.74	26.28
	QPSK	1	0	21.46	22.76	24.55	22.97	23.83	25.33	26.30	**27.70**	24.88	19.26	22.53	23.41
		1	1	21.74	23.01	27.61	22.77	23.88	27.59	22.99	24.38	23.04	19.23	22.35	27.00
		1	187	27.55	28.23	26.66	27.60	**28.70**	27.39	22.07	27.55	26.17	25.77	27.64	26.35
		1	188	24.14	25.46	25.03	25.31	26.37	25.37	22.06	26.80	25.36	22.76	24.49	23.24
		90	45	23.23	**28.55**	27.29	24.29	28.46	27.70	19.78	21.78	22.56	21.58	**27.67**	26.85
		180	0	23.26	27.97	26.65	24.31	28.46	27.27	20.04	21.88	25.46	21.66	26.61	25.76
	16QAM	1	0	21.86	22.89	24.38	22.58	23.32	25.25	25.43	26.66	24.72	19.07	22.28	23.43
		1	1	22.06	23.17	27.01	22.56	23.53	27.59	22.67	24.29	23.04	18.97	22.39	26.11
		1	187	26.86	27.99	25.93	27.70	28.03	26.88	21.62	**26.74**	25.46	24.94	27.06	25.92
		1	188	24.07	25.68	24.68	25.24	25.89	25.52	21.62	25.75	24.50	22.44	24.93	23.33
		90	45	22.73	**28.11**	26.81	23.77	**28.22**	27.35	19.40	21.25	22.49	21.16	**27.08**	25.92
		180	0	22.79	27.04	26.15	23.77	27.65	26.49	19.78	21.65	24.19	21.18	25.95	24.81
	64QAM	1	0	21.32	22.05	24.15	22.08	23.47	25.79	24.08	**25.35**	22.94	19.09	22.00	23.42
		1	1	21.24	22.24	25.81	22.54	23.27	26.51	22.52	24.54	22.95	18.65	22.37	24.28
		1	187	25.46	**26.50**	25.04	26.57	**27.39**	25.86	21.59	25.21	23.99	23.84	**25.71**	24.44
		1	188	24.11	25.37	25.09	25.44	26.34	25.65	21.54	25.29	23.91	22.84	24.88	23.36
		90	45	22.86	26.39	25.80	23.71	26.82	25.95	17.57	19.29	21.55	21.20	25.65	24.34
		180	0	22.89	26.48	25.85	23.76	27.18	26.11	17.90	19.90	22.13	21.14	25.61	24.29
	256QAM	1	0	19.46	20.43	23.45	20.22	21.63	24.55	22.16	23.06	22.26	17.23	20.42	22.21
		1	1	19.58	20.87	23.64	20.95	21.49	24.20	22.03	23.17	21.93	17.36	20.43	22.16
		1	187	23.11	24.42	23.66	24.26	**25.38**	24.40	20.05	23.24	21.96	21.68	23.42	22.18
		1	188	23.20	24.32	23.70	24.28	25.30	24.39	20.02	23.33	21.94	21.56	23.41	22.09
		90	45	21.30	24.53	23.86	22.29	25.26	24.45	20.94	23.74	20.49	19.74	23.63	22.37
		180	0	21.34	**24.54**	23.84	22.28	25.19	24.48	21.05	**27.53**	20.69	19.65	**23.70**	22.34

OUTPUT POWER FOR 5G NR n41 (80.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 2			ANT 1			ANT 4			ANT 3		
				507200	518600	530000	507200	518600	530000	507200	518600	530000	507200	518600	530000
				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	22.54	22.83	24.36	23.12	24.20	25.13	26.30	**27.70**	25.91	19.70	22.73	23.63
		1	1	22.58	23.41	28.00	23.16	24.26	27.51	22.91	24.40	23.04	19.62	22.45	26.92
		1	215	28.00	**28.70**	27.34	27.59	**28.58**	27.51	23.07	27.63	26.18	26.20	27.80	26.74
		1	216	24.59	25.33	25.12	25.34	26.33	25.25	22.98	27.35	26.02	22.40	24.33	23.21
		108	54	24.79	28.64	27.85	25.28	28.53	27.70	19.88	21.72	22.62	22.45	**27.99**	26.88
		216	0	24.73	28.39	27.57	25.27	28.54	27.56	20.00	22.02	26.30	22.47	27.39	26.32
	QPSK	1	0	21.88	22.42	24.65	22.58	23.68	25.21	26.25	27.60	25.11	19.01	22.36	23.47
		1	1	22.11	23.06	27.71	22.57	23.49	27.30	22.98	24.30	23.06	19.03	22.05	27.00
		1	215	27.95	28.25	26.60	27.44	**28.70**	27.50	22.10	**27.66**	26.17	26.07	27.83	26.73
		1	216	24.63	25.36	25.13	25.33	26.40	25.31	22.01	26.84	25.54	22.54	24.28	23.48
		108	54	23.73	**28.44**	27.36	24.24	28.49	27.56	19.30	21.18	22.86	21.48	**28.00**	26.96
		216	0	23.68	27.83	26.74	24.20	28.47	27.18	19.83	21.73	25.66	21.41	26.90	25.88
	16QAM	1	0	22.24	22.74	24.55	22.48	23.77	24.55	25.25	**27.00**	24.91	19.00	21.96	23.41
		1	1	22.47	23.04	27.04	22.75	23.75	27.29	22.59	23.91	23.30	18.85	22.16	26.10
		1	215	27.41	27.71	26.04	27.70	**28.46**	26.88	21.60	26.88	25.51	24.65	26.73	25.84
		1	216	24.93	25.42	25.23	25.33	26.31	24.98	21.46	25.92	24.42	22.10	24.22	23.49
		108	54	23.20	**27.89**	26.80	23.80	28.23	27.16	19.17	21.23	23.01	21.06	**26.94**	26.00
		216	0	23.15	26.88	26.18	23.81	27.69	26.43	19.80	21.61	23.59	21.00	25.86	24.95
	64QAM	1	0	21.73	21.97	24.52	22.09	22.94	25.02	24.13	**25.44**	24.04	18.80	21.73	23.39
		1	1	21.54	22.34	25.66	22.18	23.24	26.21	23.20	24.37	23.18	18.80	21.38	24.54
		1	215	25.34	**26.61**	25.27	26.19	26.80	25.66	21.67	25.41	24.06	23.67	25.44	24.30
		1	216	24.94	25.35	25.03	25.43	26.39	25.93	21.51	25.40	23.97	22.38	24.30	23.13
		108	54	23.25	26.30	25.90	23.82	26.86	25.97	17.63	19.67	21.76	21.05	25.41	24.46
		216	0	23.19	26.34	25.94	23.76	**27.25**	26.07	17.78	20.16	21.81	21.00	**25.51**	24.39
	256QAM	1	0	18.96	20.34	22.96	20.20	21.96	23.82	22.07	23.49	22.15	16.94	20.20	22.55
		1	1	19.72	20.41	23.71	20.65	21.56	24.07	22.00	23.72	22.48	16.98	19.98	22.09
		1	215	23.16	23.89	23.95	24.49	25.45	24.02	20.10	23.44	21.93	21.58	23.29	22.55
		1	216	23.24	24.04	23.65	24.84	**25.51**	24.07	19.98	23.51	22.03	21.64	**23.43**	22.09
		108	54	21.66	**24.42**	23.98	22.31	25.35	24.48	20.86	24.03	20.32	19.52	23.42	22.47
		216	0	21.59	24.25	23.98	22.25	25.34	24.43	21.10	**27.48**	20.66	19.50	**23.43**	22.45

OUTPUT POWER FOR 5G NR n41 (90.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 2			ANT 1			ANT 4			ANT 3		
				508200	518600	529000	508200	518600	529000	508200	518600	529000	508200	518600	529000
				2541.0	2593.0	2645.0	2541.0	2593.0	2645.0	2541.0	2593.0	2645.0	2541.0	2593.0	2645.0
90.0	BPSK	1	0	22.86	23.87	24.89	23.29	24.07	25.22	26.14	27.40	26.03	19.70	22.62	23.65
		1	1	23.23	24.03	27.87	23.16	24.04	27.52	22.85	24.31	23.20	19.54	22.69	26.90
		1	243	27.74	**28.70**	27.77	27.69	**28.70**	27.60	23.24	**27.56**	26.30	25.97	**28.00**	26.80
		1	244	25.18	25.90	25.39	25.27	26.22	25.58	23.05	27.41	26.09	22.42	24.19	23.45
		120	60	25.15	28.45	27.86	25.30	28.40	27.67	19.81	21.50	22.50	22.49	27.87	26.96
		243	0	25.09	28.55	27.85	25.33	28.49	27.68	20.04	21.78	26.27	22.44	27.39	26.47
	QPSK	1	0	22.49	23.56	24.89	22.60	23.53	25.04	26.30	**27.70**	25.21	19.21	22.10	23.61
		1	1	22.28	23.30	27.58	22.54	23.53	27.37	23.03	24.23	23.05	18.89	21.96	27.00
		1	243	28.00	**28.58**	27.35	27.70	**28.62**	27.55	22.12	27.64	26.15	26.20	**28.00**	26.90
		1	244	25.12	26.19	25.25	25.37	26.29	25.47	22.15	26.79	25.52	22.49	24.30	23.52
		120	60	24.13	28.51	27.87	24.28	28.45	27.70	19.71	21.67	22.40	21.54	27.87	26.94
		243	0	24.16	28.52	27.77	24.27	28.42	27.33	19.78	21.83	25.76	21.51	26.88	25.91
	16QAM	1	0	22.25	22.89	24.82	22.60	23.54	24.78	25.33	**26.87**	24.65	19.12	22.32	23.33
		1	1	22.72	23.29	28.00	22.43	23.63	27.22	22.76	24.34	23.18	19.33	21.90	25.61
		1	243	27.93	28.28	27.15	27.63	**28.44**	26.85	21.71	26.78	25.55	25.47	**26.96**	25.85
		1	244	25.03	25.44	25.35	25.29	26.44	25.75	21.55	25.78	24.52	22.52	24.68	23.26
		120	60	23.59	**28.43**	27.82	23.80	28.11	27.41	19.72	21.34	22.73	21.02	26.89	26.01
		243	0	23.69	27.41	26.85	23.73	27.61	26.52	19.97	21.66	23.92	20.94	25.92	25.05
	64QAM	1	0	21.69	22.44	24.99	22.11	22.99	25.24	23.98	25.29	23.66	18.80	21.64	23.24
		1	1	22.25	22.98	26.14	22.13	22.96	26.60	23.35	24.74	22.92	18.56	21.53	24.34
		1	243	26.61	26.94	26.30	26.20	26.85	25.59	21.65	25.21	24.02	23.75	**25.50**	24.23
		1	244	25.68	26.22	25.41	25.60	26.40	25.65	21.50	**25.31**	23.96	22.68	24.57	23.19
		120	60	23.77	**27.00**	26.43	23.91	26.74	26.03	17.56	19.49	20.98	21.09	25.37	24.42
		243	0	23.61	26.99	26.39	23.80	**27.13**	26.11	17.95	19.50	22.38	20.99	25.40	24.54
	256QAM	1	0	20.62	21.34	24.10	20.68	21.60	24.36	22.01	23.58	22.30	16.86	19.89	22.63
		1	1	20.85	21.73	24.46	20.66	21.67	24.29	22.00	23.08	22.23	16.75	19.73	22.14
		1	243	24.23	**25.02**	24.38	24.66	**25.53**	24.13	20.16	23.29	22.04	21.46	23.03	22.66
		1	244	24.20	24.77	24.52	24.60	25.12	24.68	20.03	23.29	21.96	20.95	22.90	22.63
		120	60	22.17	24.97	24.41	22.30	25.19	24.49	20.86	23.96	20.42	19.57	**23.46**	22.48
		243	0	22.08	24.86	24.27	22.27	25.16	24.40	21.11	**27.48**	20.76	19.50	23.34	22.50

OUTPUT POWER FOR 5G NR n41 (100.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 2			ANT 1			ANT 4			ANT 3		
				509200	528600	528000	509200	528600	528000	509200	528600	528000	509200	528600	528000
				2546.0	2593.0	2640.0	2546.0	2593.0	2640.0	2546.0	2593.0	2640.0	2546.0	2593.0	2640.0
100.0	BPSK	1	0	23.02	23.73	22.91	23.35	24.14	23.07	26.30	**27.70**	20.94	20.00	22.75	21.64
		1	1	23.18	23.81	22.97	23.03	24.12	23.36	22.75	24.41	20.87	19.80	22.44	21.57
		1	271	28.00	**28.70**	28.00	27.70	**28.57**	27.54	23.08	27.41	26.15	26.20	**27.93**	26.85
		1	272	25.42	25.88	25.61	25.44	26.47	25.52	22.96	27.25	22.69	22.62	24.57	23.39
		135	67	25.31	28.44	27.90	25.44	28.45	27.59	19.76	21.47	26.29	22.84	27.92	26.99
		270	0	25.29	28.29	27.91	25.39	28.43	27.58	20.15	21.84	25.83	22.65	27.44	26.53
	QPSK	1	0	22.46	23.11	22.22	22.58	23.71	22.58	26.21	**27.50**	20.30	19.41	22.38	21.00
		1	1	22.91	23.06	22.66	22.60	23.59	22.73	22.84	24.49	20.27	19.18	22.06	20.97
		1	271	27.88	**28.46**	27.68	27.61	**28.70**	27.69	22.01	27.42	26.30	26.17	27.90	27.00
		1	272	25.38	25.98	25.23	25.39	26.50	25.44	22.01	26.72	22.62	22.68	24.26	23.32
		135	67	24.25	28.38	27.86	24.38	28.50	27.70	19.76	21.79	26.26	21.82	**28.00**	26.96
		270	0	24.24	28.33	27.62	24.39	28.49	27.38	20.20	22.28	25.21	21.73	26.94	25.91
	16QAM	1	0	22.97	22.88	21.95	23.09	23.94	22.79	25.58	**27.01**	20.45	19.30	22.31	21.15
		1	1	22.32	22.92	22.50	23.27	23.39	22.63	22.91	24.66	20.18	19.65	21.93	20.88
		1	271	27.72	28.24	26.73	27.55	**28.60**	26.88	21.63	26.72	25.28	25.43	26.87	25.98
		1	272	25.74	25.64	25.02	26.11	26.57	25.63	21.52	25.83	22.63	22.82	24.44	23.33
		135	67	23.72	**28.39**	27.73	23.84	28.29	27.39	19.08	21.27	25.27	21.32	**26.92**	25.97
		270	0	23.68	27.27	26.88	23.81	27.62	26.52	19.44	21.20	24.25	21.22	25.97	24.95
	64QAM	1	0	22.14	22.91	22.13	22.40	23.05	22.08	24.11	25.10	20.01	18.79	21.65	20.71
		1	1	21.95	22.53	22.69	22.28	22.98	22.34	22.79	24.14	19.58	19.20	21.24	20.28
		1	271	26.58	**26.93**	26.06	26.23	26.89	25.73	21.54	**25.22**	23.96	23.86	25.11	24.66
		1	272	25.37	25.97	25.27	25.72	26.35	25.79	21.52	25.19	23.10	23.10	24.17	23.80
		135	67	23.80	26.87	26.44	23.94	26.82	26.00	17.85	19.52	23.67	21.38	25.42	24.37
		270	0	23.60	26.80	26.29	23.92	**27.27**	26.13	17.73	19.59	23.84	21.22	**25.44**	24.54
	256QAM	1	0	21.13	21.37	20.52	20.53	21.86	20.74	21.91	**23.25**	18.14	17.05	20.37	18.84
		1	1	20.90	21.23	21.23	20.48	21.64	21.03	21.51	23.16	17.92	17.35	20.36	18.62
		1	271	24.41	25.12	24.61	24.24	26.00	24.64	20.08	23.12	21.50	21.63	23.57	22.20
		1	272	24.57	**25.19**	24.60	24.46	**26.01**	24.36	19.94	23.23	21.41	21.60	**24.01**	22.11
		135	67	22.24	24.70	24.49	22.37	25.22	24.33	20.80	21.75	21.71	19.76	23.36	22.41
		270	0	22.24	24.69	24.27	22.33	25.23	24.32	21.09	22.38	21.71	19.65	23.39	22.41

8.11. LTE BAND 48 AND 5G NR n48

LTE BAND 48

Test Engineer ID:	32061	Test Date:	4/20/2023

OUTPUT POWER FOR LTE BAND 48 (5.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 7			ANT 8			ANT 9			ANT 4		
				55265	55990	56715	55260	55990	56715	55265	55990	56715	55260	55990	56715
				3552.5	3625.0	3697.5	3552.5	3625.0	3697.5	3552.5	3625.0	3697.5	3552.5	3625.0	3697.5
5.0	QPSK	1	0	25.89	25.90	25.89	25.51	25.48	25.50	25.88	25.88	25.90	25.09	25.06	25.06
		1	12	**26.00**	**26.00**	**26.00**	**25.60**	**25.60**	**25.60**	**26.00**	**26.00**	**26.00**	**25.20**	**25.20**	**25.20**
		1	24	25.92	25.87	25.87	25.53	25.50	25.46	25.97	25.93	25.97	25.16	25.08	25.15
		12	0	25.28	25.28	25.31	24.86	24.91	24.93	25.31	25.25	25.28	24.21	24.17	24.22
		12	6	25.32	25.32	25.33	24.94	24.91	24.94	25.37	25.33	25.30	24.25	24.20	24.29
		12	11	25.30	25.28	25.30	24.89	24.91	24.93	25.35	25.37	25.30	24.23	24.12	24.27
		25	0	25.30	25.27	25.27	24.86	24.89	24.88	25.31	25.33	25.37	24.20	24.14	24.25
	16QAM	1	0	25.38	25.33	25.32	25.27	25.26	25.31	25.68	25.79	25.73	24.58	24.58	24.49
		1	12	**25.53**	**25.50**	**25.44**	**25.43**	**25.46**	**25.44**	**25.74**	**25.87**	**25.85**	**24.74**	**24.77**	**24.75**
		1	24	25.37	25.39	25.30	25.35	25.26	25.28	**25.74**	25.75	25.73	24.70	24.53	24.65
		12	0	24.35	24.28	24.35	23.94	23.97	23.90	24.35	24.41	24.33	23.28	23.14	23.30
		12	6	24.28	24.34	24.30	24.00	23.94	24.01	24.44	24.26	24.47	23.26	23.24	23.34
		12	11	24.34	24.32	24.35	23.95	23.95	23.91	24.33	24.37	24.48	23.34	23.20	23.38
		25	0	24.32	24.30	24.30	23.90	23.90	23.88	24.33	24.35	24.39	23.25	23.18	23.29
	64QAM	1	0	24.45	**24.48**	24.30	24.12	24.04	24.11	24.53	24.55	24.48	23.39	23.45	23.38
		1	12	**24.55**	24.42	**24.52**	**24.15**	**24.20**	**24.19**	**24.57**	**24.56**	**24.63**	23.52	**23.49**	**23.47**
		1	24	24.42	**24.48**	24.34	24.07	24.04	24.08	24.56	24.48	24.60	**23.53**	23.33	**23.47**
		12	0	23.31	23.31	23.32	22.80	22.94	22.96	23.37	23.35	23.27	22.24	22.11	22.27
		12	6	23.37	23.34	23.36	22.89	22.99	23.06	23.39	23.48	23.44	22.23	22.18	22.23
		12	11	23.35	23.32	23.30	22.97	22.89	22.84	23.41	23.33	23.41	22.05	22.17	22.28
		25	0	23.34	23.29	23.32	22.90	22.94	22.94	23.35	23.36	23.41	22.24	22.17	22.24
	256QAM	1	0	21.31	21.29	21.33	20.92	20.88	**20.96**	21.37	21.35	21.32	20.25	20.21	20.22
		1	12	**21.45**	21.34	**21.34**	**21.07**	**21.07**	20.95	**21.47**	**21.50**	**21.49**	**20.44**	**20.26**	**20.39**
		1	24	21.32	**21.35**	21.32	20.97	20.94	20.84	21.36	21.39	21.39	20.28	20.20	20.35
		12	0	21.34	21.31	21.30	20.88	20.91	20.93	21.29	21.34	21.39	20.25	20.22	20.21
		12	6	21.32	21.31	21.32	20.92	20.94	20.92	21.37	21.41	21.38	20.23	20.23	20.25
		12	11	21.32	21.30	21.31	20.91	20.94	20.93	21.38	21.35	21.41	20.27	20.19	20.27
		25	0	21.31	21.30	21.27	20.90	20.91	20.92	21.36	21.38	21.39	20.24	20.19	20.22

OUTPUT POWER FOR LTE BAND 48 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 7			ANT 8			ANT 9			ANT 4		
				55290	55990	56690	55290	55990	56690	55290	55990	56690	55290	55990	56690
				3555.0	3625.0	3695.0	3555.0	3625.0	3695.0	3555.0	3625.0	3695.0	3555.0	3625.0	3695.0
10.0	QPSK	1	0	25.92	25.90	25.99	25.54	25.55	**25.60**	25.87	25.91	25.98	25.11	25.19	24.96
		1	24	**26.00**	**26.00**	**26.00**	**25.60**	**25.60**	25.56	25.99	**26.00**	25.99	25.18	**25.20**	25.13
		1	49	25.99	25.88	25.93	25.58	25.55	25.51	**26.00**	**26.00**	**26.00**	**25.20**	25.14	**25.20**
		25	0	25.36	25.37	25.41	24.95	25.00	25.03	25.30	25.32	25.43	24.24	24.31	24.13
		25	12	25.40	25.37	25.39	25.00	25.02	25.02	25.35	25.37	25.38	24.32	24.33	24.21
		25	24	25.40	25.36	25.39	24.98	25.01	24.97	25.36	25.36	25.37	24.29	24.27	24.33
		50	0	25.38	25.32	25.38	24.96	24.97	24.99	25.32	25.40	25.42	24.28	24.27	24.18
	16QAM	1	0	25.31	25.32	25.42	25.23	25.21	**25.40**	25.57	25.63	**25.76**	24.54	**24.61**	24.35
		1	24	**25.42**	**25.38**	**25.44**	**25.33**	**25.26**	25.29	25.63	**25.72**	25.74	**24.60**	24.60	24.49
		1	49	**25.42**	25.34	25.35	25.27	25.19	25.25	**25.68**	25.65	25.75	24.59	24.55	**24.67**
		25	0	24.36	24.37	24.42	24.03	24.01	24.04	24.31	24.41	24.42	23.27	23.30	23.13
		25	12	24.39	24.40	24.43	24.03	24.04	24.04	24.40	24.52	24.48	23.31	23.33	23.28
		25	24	24.41	24.38	24.41	24.02	23.99	24.03	24.40	24.44	24.48	23.38	23.31	23.36
		50	0	24.36	24.37	24.42	23.98	24.00	24.00	24.35	24.43	24.44	23.26	23.27	23.19
	64QAM	1	0	24.41	24.42	**24.55**	24.06	24.11	**24.17**	24.41	24.48	24.56	23.36	23.44	23.22
		1	24	**24.53**	**24.51**	24.53	24.15	**24.15**	24.16	**24.55**	**24.61**	**24.61**	23.44	**23.49**	23.35
		1	49	24.51	24.50	24.51	**24.16**	24.09	24.08	24.52	24.55	24.55	**23.49**	23.37	**23.47**
		25	0	23.35	23.36	23.45	22.97	22.99	23.02	23.33	23.44	23.46	22.28	22.32	22.16
		25	12	23.42	23.39	23.44	23.02	23.00	23.02	23.38	23.49	23.48	22.32	22.30	22.25
		25	24	23.40	23.35	23.38	23.00	23.01	23.01	23.40	23.47	23.47	22.31	22.27	22.33
		50	0	23.37	23.35	23.40	22.97	22.99	23.00	23.35	23.40	23.44	22.29	22.24	22.20
	256QAM	1	0	21.22	21.25	21.33	20.86	20.94	20.91	21.16	21.36	21.38	20.18	20.30	20.12
		1	24	21.38	**21.41**	21.37	20.95	21.01	**21.08**	**21.45**	**21.57**	21.42	**20.42**	20.31	**20.37**
		1	49	21.34	21.20	21.35	**21.09**	21.02	20.90	**21.45**	21.45	21.40	20.28	20.23	**20.37**
		25	0	21.35	21.33	21.41	20.94	21.01	21.01	21.32	21.42	21.44	20.24	**20.33**	20.09
		25	12	**21.42**	21.38	**21.42**	20.98	**21.03**	21.02	21.36	21.43	**21.47**	20.31	**20.33**	20.17
		25	24	21.37	21.35	21.39	20.96	20.98	20.98	21.41	21.42	21.46	20.29	20.26	20.26
		50	0	21.38	21.34	21.38	20.98	21.01	20.98	21.35	21.43	21.43	20.26	20.28	20.16

OUTPUT POWER FOR LTE BAND 48 (15.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 7			ANT 8			ANT 9			ANT 4		
				55315	55990	56665	55315	55990	56665	55315	55990	56665	55315	55990	56665
				3557.5	3625.0	3692.5	3557.5	3625.0	3692.5	3557.5	3625.0	3692.5	3557.5	3625.0	3692.5
15.0	QPSK	1	0	25.80	25.96	25.85	25.50	25.54	**25.60**	25.80	25.97	**26.00**	24.80	**25.20**	24.87
		1	37	25.87	25.99	**25.83**	**25.60**	**25.60**	25.55	25.84	**26.00**	25.91	24.92	25.11	24.97
		1	74	**26.00**	**26.00**	25.79	25.58	25.51	25.44	**26.00**	25.98	**25.95**	**25.20**	25.07	**25.20**
		36	0	25.26	25.42	25.30	24.98	24.98	25.04	25.29	25.41	25.33	23.96	24.26	24.00
		36	16	25.28	25.39	25.29	25.00	25.00	25.02	25.31	25.40	25.30	24.03	24.23	24.05
		36	35	25.28	25.41	25.25	25.03	25.00	24.97	25.32	25.41	25.30	24.13	24.21	24.20
		75	0	25.23	25.37	25.24	24.98	24.93	24.98	25.29	25.36	25.26	23.97	24.20	24.05
	16QAM	1	0	25.24	25.38	**25.34**	25.23	25.18	25.27	25.53	25.62	25.57	24.27	**24.49**	24.29
		1	37	25.24	25.40	25.24	25.26	**25.26**	**25.31**	25.58	25.65	25.57	24.35	24.46	24.41
		1	74	**25.35**	**25.44**	25.19	**25.32**	25.21	25.17	**25.69**	**25.67**	**25.58**	**24.51**	24.42	**24.56**
		36	0	24.26	24.41	24.31	23.98	24.01	24.08	24.31	24.39	24.35	23.00	23.26	23.01
		36	16	24.28	24.42	24.28	24.03	24.02	24.04	24.36	24.44	24.33	23.09	23.28	23.05
		36	35	24.28	24.42	24.23	24.04	24.00	24.00	24.34	24.41	24.28	23.17	23.22	23.22
		75	0	24.28	24.40	24.25	24.00	24.01	24.04	24.31	24.38	24.31	23.04	23.24	23.05
	64QAM	1	0	24.30	24.48	**24.47**	24.06	**24.15**	24.13	24.36	24.46	**24.45**	23.04	23.33	23.14
		1	37	24.43	24.47	24.34	24.13	**24.15**	**24.14**	**24.49**	24.52	24.41	23.23	**23.41**	23.31
		1	74	**24.55**	**24.52**	24.38	**24.23**	24.00	24.04	24.47	**24.59**	24.44	**23.49**	23.34	**23.44**
		36	0	23.23	23.40	23.31	22.99	23.00	23.03	23.31	23.41	23.33	21.98	22.27	22.04
		36	16	23.27	23.41	23.29	23.01	23.01	23.03	23.32	23.41	23.34	22.07	22.24	22.07
		36	35	23.30	23.40	23.27	23.05	23.00	22.98	23.35	23.40	23.32	22.16	22.19	22.20
		75	0	23.29	23.40	23.31	23.01	23.01	23.01	23.33	23.40	23.31	22.05	22.22	22.08
	256QAM	1	0	21.19	21.33	21.23	20.89	20.84	**21.06**	21.05	21.17	21.22	19.97	**20.46**	20.10
		1	37	21.38	21.37	21.21	21.02	20.94	21.02	21.21	21.35	**21.37**	20.16	20.35	20.17
		1	74	**21.48**	21.37	21.13	**21.10**	**21.02**	21.00	**21.34**	21.37	21.36	**20.21**	20.26	**20.34**
		36	0	21.25	21.39	**21.29**	20.96	21.00	21.05	21.28	21.38	21.32	20.00	20.29	20.03
		36	16	21.26	**21.42**	21.28	20.98	20.98	21.02	21.30	21.37	21.30	20.07	20.27	20.03
		36	35	21.28	21.40	21.24	21.00	20.99	21.00	21.33	21.36	21.28	20.12	20.20	20.23
		75	0	21.26	21.41	21.25	20.98	20.97	21.01	21.33	**21.41**	21.31	20.09	20.25	20.08

OUTPUT POWER FOR LTE BAND 48 (20.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 7			ANT 8			ANT 9			ANT 4		
				55340	55990	56640	55340	55990	56640	55340	55990	56640	55340	55990	56640
				3560.0	3625.0	3690.0	3560.0	3625.0	3690.0	3560.0	3625.0	3690.0	3560.0	3625.0	3690.0
20.0	QPSK	1	0	25.91	25.97	25.95	25.51	**25.57**	**25.60**	25.88	25.96	**26.00**	24.86	**25.20**	24.98
		1	49	25.91	25.93	**25.85**	25.58	25.54	**25.60**	25.90	**26.00**	25.85	25.03	25.11	24.89
		1	99	**26.00**	**26.00**	25.81	**25.60**	25.46	25.47	**26.00**	**26.00**	**25.87**	**25.20**	25.05	**25.20**
		50	0	25.30	25.36	25.30	24.94	24.99	25.01	25.26	25.42	25.30	24.02	24.24	23.91
		50	24	25.37	25.37	25.30	24.97	24.98	25.01	25.38	25.43	25.32	24.14	24.20	24.03
		50	49	25.39	25.38	25.26	24.99	24.96	24.95	25.37	25.41	25.30	24.22	24.17	24.12
		100	0	25.31	25.36	25.28	24.94	24.96	24.96	25.32	25.37	25.28	24.09	24.20	24.03
	16QAM	1	0	25.26	25.35	25.26	25.14	25.24	25.36	25.35	24.91	25.68	24.17	24.69	24.33
		1	49	**25.55**	**25.54**	**25.40**	**25.48**	**25.60**	**25.47**	**25.85**	**25.62**	**26.00**	**24.65**	**25.03**	**24.88**
		1	99	25.33	25.32	25.22	25.42	25.16	25.08	25.43	24.85	25.55	24.54	24.42	24.53
		50	0	24.31	24.36	24.33	23.93	23.97	24.01	23.95	23.65	24.33	23.01	23.25	22.94
		50	24	24.34	24.39	24.30	23.98	23.99	23.99	24.04	23.65	24.32	23.11	23.25	23.06
		50	49	24.35	24.40	24.27	23.99	23.96	23.96	24.06	23.65	24.31	23.20	23.20	23.10
		100	0	24.32	24.35	24.25	23.97	23.95	23.97	24.03	23.64	24.31	23.07	23.21	23.05
	64QAM	1	0	24.30	24.36	24.33	23.91	24.08	24.00	24.20	**24.19**	24.53	23.06	23.35	23.21
		1	49	**24.44**	24.52	**24.37**	**24.10**	**24.23**	**24.04**	24.23	24.07	**24.54**	23.32	**23.41**	23.09
		1	99	24.43	**24.57**	24.24	24.02	23.94	23.84	**24.39**	**24.19**	24.44	**23.51**	23.19	**23.48**
		50	0	23.26	23.37	23.31	22.92	22.96	22.99	23.07	23.02	23.35	22.00	22.24	21.90
		50	24	23.32	23.39	23.31	22.95	22.94	23.01	23.22	23.03	23.27	22.14	22.24	22.02
		50	49	23.34	23.39	23.27	22.96	22.94	22.96	23.23	23.01	23.30	22.21	22.18	22.12
		100	0	23.30	23.38	23.29	23.01	22.92	22.99	23.17	23.01	23.31	22.11	22.19	22.05
	256QAM	1	0	21.17	**21.48**	**21.33**	20.94	20.91	**21.10**	21.17	21.00	21.37	20.04	**20.37**	20.00
		1	49	**21.41**	21.44	**21.33**	21.09	20.97	20.91	**21.28**	**21.02**	**21.40**	20.21	20.33	20.12
		1	99	21.39	21.43	21.23	**21.17**	**21.10**	20.96	21.17	20.89	21.32	**20.35**	20.21	**20.43**
		50	0	21.28	21.35	21.29	20.91	20.95	21.01	21.09	20.99	21.33	20.00	20.25	19.93
		50	24	21.31	21.40	21.29	20.98	20.98	21.00	21.21	21.01	21.32	20.12	20.23	20.05
		50	49	21.34	21.39	21.26	20.97	20.93	20.96	21.21	21.00	21.29	20.20	20.16	20.11
		100	0	21.30	21.36	21.27	20.93	20.97	20.99	21.19	20.99	21.31	20.08	20.20	20.08

5G NR n48

Test Engineer ID:	50822	Test Date:	6/7/2023

OUTPUT POWER FOR 5G NR n48 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 7			ANT 8			ANT 9			ANT 4		
				637000	641666	646333	637000	641666	646333	637000	641666	646333	637000	641666	646333
				3555.0	3625.0	3695.0	3555.0	3625.0	3695.0	3555.0	3625.0	3695.0	3555.0	3625.0	3695.0
10.0	BPSK	1	0	25.39	25.56	25.42	25.42	25.33	25.31	25.35	25.40	25.37	24.81	24.86	24.96
		1	1	25.85	25.98	25.90	25.54	25.54	25.53	25.87	25.96	25.91	25.14	25.12	25.05
		1	22	**25.99**	**26.00**	**25.94**	**25.60**	**25.59**	**25.57**	**25.94**	**26.00**	**25.99**	**25.18**	**25.14**	**25.09**
		1	23	25.33	25.43	25.43	25.27	25.40	25.26	25.40	25.50	25.43	25.01	24.90	24.82
		12	6	25.91	25.98	25.87	25.42	25.48	25.52	25.77	25.72	25.79	25.13	25.02	**25.09**
		24	0	25.56	25.46	25.37	25.20	25.28	25.32	25.39	25.28	25.36	24.93	24.80	24.86
	QPSK	1	0	25.02	24.89	24.82	24.72	24.82	24.75	24.92	24.77	24.84	24.48	24.29	24.38
		1	1	**26.00**	25.85	25.87	**25.45**	**25.60**	25.53	25.93	25.85	25.91	**25.20**	**25.20**	25.08
		1	22	25.99	**25.93**	**26.00**	25.43	25.58	**25.60**	25.96	25.90	**26.00**	25.18	25.15	**25.20**
		1	23	24.92	24.95	24.81	24.77	24.86	24.79	24.91	24.86	24.89	24.49	24.27	24.42
		12	6	25.98	25.88	25.85	25.44	25.49	25.45	**26.00**	**25.96**	25.95	25.08	25.09	25.04
		24	0	24.92	24.90	24.83	24.72	24.72	24.79	25.03	24.91	24.94	24.37	24.29	24.34
	16QAM	1	0	23.87	24.01	23.98	23.84	23.56	23.82	23.67	23.80	23.67	23.39	23.52	23.40
		1	1	24.96	**25.02**	24.86	**25.09**	**24.97**	**24.84**	**24.79**	**24.57**	**24.74**	24.22	24.53	**24.78**
		1	22	24.80	25.01	24.81	24.98	24.51	24.80	24.77	24.43	24.63	**24.62**	**24.54**	24.19
		1	23	23.85	23.88	23.93	24.15	24.18	23.92	23.55	23.35	23.16	23.31	23.43	23.34
		12	6	**24.97**	24.92	**24.90**	24.72	24.74	24.80	24.60	24.34	24.45	24.35	24.33	24.29
		24	0	24.02	24.01	23.90	23.67	23.77	23.84	23.54	23.44	23.47	23.40	23.35	23.39
	64QAM	1	0	23.61	23.64	23.53	23.50	23.66	23.58	**23.91**	23.78	23.73	**23.06**	22.95	22.98
		1	1	23.76	23.72	23.59	**23.69**	**23.86**	**23.87**	**23.91**	**23.85**	23.73	23.03	**23.11**	22.94
		1	22	**23.78**	23.73	23.61	23.18	23.74	23.74	23.84	23.74	**23.85**	22.88	22.90	23.05
		1	23	23.64	**23.80**	**23.72**	23.68	23.57	23.56	23.81	23.76	23.77	22.95	23.03	**23.06**
		12	6	23.45	23.47	23.32	23.18	23.20	23.35	23.51	23.52	23.59	22.94	22.75	22.87
		24	0	23.50	23.55	23.35	23.21	23.33	23.53	23.48	23.49	23.60	22.96	22.80	22.82
	256QAM	1	0	**21.69**	21.50	**21.61**	21.40	21.20	**21.61**	21.35	21.45	**21.67**	20.98	**21.05**	20.65
		1	1	21.53	21.42	21.58	**21.47**	21.25	21.34	21.33	21.53	21.61	20.92	20.93	20.88
		1	22	21.48	**21.59**	21.60	21.31	21.44	21.49	21.35	21.49	21.50	20.98	20.76	**20.89**
		1	23	21.51	21.24	21.53	21.28	**21.48**	21.43	21.40	21.47	21.51	**20.99**	20.91	20.68
		12	6	21.42	21.40	21.30	21.18	21.25	21.41	21.46	21.50	21.29	20.94	20.75	20.77
		24	0	21.48	21.47	21.22	21.26	21.38	21.46	**21.55**	**21.63**	21.33	20.93	20.83	20.83

OUTPUT POWER FOR 5G NR n48 (15.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 7			ANT 8			ANT 9			ANT 4		
				637166	641333	646166	637166	641333	646166	637166	641333	646166	637166	641333	646166
				3557.5	3620.0	3692.5	3557.5	3620.0	3692.5	3557.5	3620.0	3692.5	3557.5	3620.0	3692.5
15.0	BPSK	1	0	25.27	25.45	25.47	25.21	25.36	25.28	25.38	25.37	25.45	24.87	24.89	25.04
		1	1	25.80	**25.94**	25.95	**25.60**	25.55	**25.56**	25.91	**25.87**	**26.00**	**25.11**	25.13	25.18
		1	36	**25.88**	25.78	**26.00**	25.43	**25.56**	25.44	25.90	25.74	**26.00**	25.10	25.14	25.09
		1	37	25.39	25.33	25.47	25.33	25.41	25.40	25.44	25.24	25.44	24.85	24.83	24.90
		18	9	25.86	25.89	25.95	25.57	25.52	25.47	**25.96**	25.80	25.93	25.09	**25.17**	**25.20**
		36	0	22.00	25.50	21.00	22.00	25.31	21.00	22.00	25.28	21.00	21.20	24.91	20.20
	QPSK	1	0	24.85	24.98	24.91	23.83	24.71	24.72	25.05	25.11	24.83	24.38	24.53	24.58
		1	1	25.83	**26.00**	25.96	25.43	**25.60**	25.53	25.99	**26.00**	25.78	**25.20**	25.09	**25.18**
		1	36	25.85	25.94	**25.99**	25.42	25.38	**25.60**	**26.00**	25.86	**25.91**	25.13	**25.20**	25.13
		1	37	24.98	24.78	24.99	24.71	24.77	24.74	24.98	24.87	24.91	24.48	24.47	24.34
		18	9	**26.00**	25.99	25.82	**25.51**	25.50	25.52	**26.00**	25.88	25.90	25.12	25.19	25.15
		36	0	22.00	25.00	21.00	22.00	24.75	21.00	22.00	24.86	21.00	21.20	24.43	20.20
	16QAM	1	0	24.19	23.63	23.19	23.86	23.80	23.84	23.61	24.44	24.08	23.25	23.73	23.27
		1	1	**25.34**	24.76	24.27	**24.96**	**25.24**	24.80	24.73	25.13	24.84	24.39	24.69	**24.48**
		1	36	25.31	24.60	24.47	24.92	24.71	**24.87**	24.69	**25.28**	**24.96**	**24.67**	**24.76**	24.40
		1	37	24.25	23.66	23.54	24.07	23.65	23.59	23.64	24.02	23.99	23.38	23.18	23.25
		18	9	25.02	**24.98**	**24.51**	24.67	24.81	24.60	**24.98**	24.95	24.91	24.38	24.52	24.47
		36	0	22.00	23.93	21.00	22.00	23.70	21.00	22.00	23.95	21.00	21.20	23.42	20.20
	64QAM	1	0	23.76	**23.78**	**23.48**	**23.64**	**23.99**	23.47	23.84	23.80	23.88	**23.06**	22.84	22.99
		1	1	23.76	23.67	23.39	23.49	23.56	23.32	23.85	**23.92**	24.02	22.95	**23.16**	23.07
		1	36	**23.81**	23.40	23.38	23.50	23.81	**23.50**	24.00	23.53	**24.09**	22.97	23.04	22.79
		1	37	23.78	23.60	23.31	23.41	23.52	23.38	**24.03**	23.70	24.00	22.83	23.03	22.88
		18	9	23.64	23.55	23.08	23.14	23.17	23.14	23.21	23.47	23.46	22.88	22.89	**23.09**
		36	0	22.00	23.41	21.00	22.00	23.30	21.00	22.00	23.42	21.00	21.20	22.97	20.20
	256QAM	1	0	21.69	**22.01**	20.46	21.00	21.22	21.15	21.57	**21.70**	21.55	20.59	20.69	20.95
		1	1	21.53	21.94	20.90	21.24	21.42	21.42	21.62	21.54	21.69	20.65	20.74	20.90
		1	36	21.72	21.87	**21.34**	**21.33**	**21.44**	**21.44**	**21.65**	21.29	**21.71**	20.84	**21.08**	20.72
		1	37	**21.73**	21.78	21.10	21.30	21.37	21.15	21.60	21.53	21.65	20.81	20.79	20.89
		18	9	21.40	21.37	21.14	21.27	21.22	21.20	21.40	21.22	21.36	**20.91**	20.93	**21.05**
		36	0	21.46	21.45	21.00	21.26	21.28	21.00	21.43	21.44	21.00	20.81	20.84	20.20

OUTPUT POWER FOR 5G NR n48 (20.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 7			ANT 8			ANT 9			ANT 4		
				637333	641333	646000	637333	641333	646000	637333	641333	646000	637333	641333	646000
				3560.0	3620.0	3690.0	3560.0	3620.0	3690.0	3560.0	3620.0	3690.0	3560.0	3620.0	3690.0
20.0	BPSK	1	0	25.38	25.38	25.28	24.85	24.54	25.15	25.42	25.44	25.34	24.77	24.82	24.95
		1	1	**25.92**	**25.97**	25.88	**25.60**	25.04	**25.60**	25.99	**25.98**	**25.91**	25.18	**24.96**	**25.20**
		1	49	25.89	25.74	**25.90**	25.50	24.88	25.19	**26.00**	25.80	25.77	**25.20**	24.77	25.13
		1	50	25.42	25.33	25.41	25.03	24.79	24.61	25.46	25.28	25.31	24.96	24.66	24.83
		25	12	25.88	25.87	25.87	25.41	**25.41**	25.33	25.53	25.85	25.79	25.13	24.83	25.08
		50	0	22.00	25.32	21.00	22.00	24.91	21.00	22.00	25.33	21.00	21.20	24.65	20.20
	QPSK	1	0	24.84	24.94	25.00	24.52	24.59	24.46	24.34	25.03	24.98	24.51	24.35	24.52
		1	1	25.86	**26.00**	**26.00**	25.49	**25.60**	**25.55**	25.34	**26.00**	**26.00**	25.06	**25.20**	**25.18**
		1	49	25.94	25.84	25.93	**25.56**	25.46	25.25	**25.41**	25.80	25.98	25.12	25.05	**25.18**
		1	50	24.88	24.73	24.96	24.48	24.47	24.19	24.40	24.78	24.96	24.42	24.21	24.38
		25	12	**26.00**	25.82	25.91	25.43	25.53	25.31	25.35	25.84	25.85	**25.13**	24.92	25.06
		50	0	22.00	24.87	21.00	22.00	24.44	21.00	22.00	24.88	21.00	21.20	24.30	20.20
	16QAM	1	0	24.24	23.68	24.00	23.70	23.97	23.66	23.08	23.97	24.31	23.48	23.25	23.46
		1	1	**25.16**	24.76	**25.03**	**24.78**	24.56	**24.43**	24.16	24.44	24.98	**24.58**	24.03	**24.68**
		1	49	24.99	24.46	24.87	24.53	**24.67**	24.02	**24.58**	**24.91**	**25.45**	24.12	**24.36**	24.48
		1	50	24.19	23.46	24.03	23.49	23.52	23.33	23.37	23.54	24.53	23.22	23.40	23.70
		25	12	24.92	**24.90**	24.84	24.43	24.48	24.31	24.15	24.73	25.20	24.43	24.22	24.33
		50	0	22.00	23.83	21.00	22.00	23.54	21.00	22.00	23.82	21.00	21.20	23.21	20.20
	64QAM	1	0	23.87	23.78	23.73	22.94	23.05	**23.06**	**23.22**	**24.06**	**23.76**	23.14	23.00	**23.32**
		1	1	23.88	**23.96**	23.79	22.96	23.20	22.96	23.13	23.95	23.70	23.04	**23.17**	23.14
		1	49	23.57	23.45	**23.81**	22.90	**23.33**	22.50	23.05	23.71	23.65	23.18	23.15	22.91
		1	50	**23.89**	23.63	23.76	**22.98**	22.75	22.82	22.98	23.70	23.67	**23.30**	22.91	22.99
		25	12	23.50	23.39	23.37	22.91	22.98	22.76	22.88	23.30	23.40	22.80	22.69	22.69
		50	0	22.00	23.37	21.00	22.00	23.05	21.00	22.00	23.35	21.00	21.20	22.61	20.20
	256QAM	1	0	**21.57**	21.54	21.31	21.15	21.31	**21.35**	20.93	**21.54**	21.31	21.09	**20.83**	21.01
		1	1	21.45	**21.62**	**21.78**	21.18	**21.47**	21.11	20.72	21.46	**21.61**	20.90	20.75	**21.12**
		1	49	21.24	21.33	21.53	21.04	21.06	21.02	20.96	21.24	21.45	20.94	20.79	20.86
		1	50	**21.57**	21.25	21.56	**21.30**	21.46	20.68	**21.02**	21.41	21.50	**21.14**	20.65	20.68
		25	12	21.49	21.29	21.38	21.01	21.11	20.87	20.84	21.43	21.22	20.90	20.72	20.73
		50	0	21.32	21.29	21.00	21.01	21.03	20.84	20.85	21.37	21.00	20.91	20.55	20.20

OUTPUT POWER FOR 5G NR n48 (30.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 7			ANT 8			ANT 9			ANT 4		
				637666	641666	645666	637666	641666	645666	637666	641666	645666	637666	641666	645666
				3565.0	3625.0	3685.0	3565.0	3625.0	3685.0	3565.0	3625.0	3685.0	3565.0	3625.0	3685.0
30.0	BPSK	1	0	25.16	25.43	25.60	25.02	25.02	25.14	25.51	25.21	25.37	25.02	25.01	24.69
		1	1	**26.00**	**25.97**	**26.00**	25.50	**25.60**	**25.56**	**26.00**	**25.94**	**26.00**	**25.19**	**25.20**	25.01
		1	76	25.74	25.50	25.92	**25.52**	25.36	25.45	25.82	25.57	25.68	25.18	24.93	**25.20**
		1	77	25.28	24.96	25.45	25.00	24.88	24.88	25.36	25.02	25.15	24.91	24.86	24.83
		36	18	25.74	25.72	25.86	25.39	25.48	25.52	25.86	25.70	25.72	25.08	25.13	25.00
		75	0	20.00	25.26	19.00	20.00	24.92	19.00	20.00	25.28	19.00	19.20	24.85	18.20
	QPSK	1	0	24.70	24.98	25.01	24.58	24.52	24.66	24.91	24.92	24.85	24.48	24.45	24.23
		1	1	**25.83**	**26.00**	**25.96**	25.49	**25.57**	25.53	**25.88**	**26.00**	**25.88**	**25.20**	**25.08**	**25.12**
		1	76	25.74	25.49	25.95	**25.60**	25.42	**25.60**	25.77	25.63	25.72	25.06	24.91	25.01
		1	77	24.68	24.43	24.91	24.52	24.55	24.47	24.73	24.63	24.60	24.48	23.92	24.29
		36	18	25.75	25.78	25.81	25.42	25.51	25.51	25.81	25.75	25.71	25.06	24.63	**25.12**
		75	0	20.00	24.78	19.00	20.00	24.42	19.00	20.00	24.76	19.00	19.20	23.82	18.20
	16QAM	1	0	23.74	23.81	23.63	23.56	23.90	23.53	23.66	23.72	24.13	23.36	22.77	23.51
		1	1	24.63	24.64	24.54	**24.77**	**24.58**	**24.62**	24.52	**24.95**	25.34	**24.64**	**24.70**	24.02
		1	76	24.35	24.21	24.73	24.35	24.44	24.45	**24.63**	24.51	**25.42**	24.34	24.28	24.39
		1	77	23.46	23.21	23.71	23.07	23.37	23.34	23.45	23.82	24.63	23.22	22.94	23.54
		36	18	**24.71**	**24.74**	**24.83**	24.37	24.47	24.49	24.62	24.92	25.19	24.35	24.02	**24.41**
		75	0	20.00	23.73	19.00	20.00	23.49	19.00	20.00	23.90	19.00	19.20	22.93	18.20
	64QAM	1	0	23.38	23.26	23.88	22.67	22.96	23.13	23.78	**23.85**	23.58	**23.15**	**22.94**	23.02
		1	1	23.80	**23.74**	**23.99**	**23.02**	22.69	23.03	**23.84**	23.81	**23.91**	23.10	22.76	**23.41**
		1	76	**23.83**	23.15	23.41	22.99	**23.23**	22.94	23.53	23.57	23.58	22.99	22.46	23.14
		1	77	23.31	22.72	23.53	22.87	22.75	**23.19**	23.77	23.50	23.50	22.98	22.43	23.28
		36	18	23.18	23.20	23.36	22.91	22.96	23.08	23.27	23.33	23.20	22.76	22.45	23.01
		75	0	20.00	23.27	19.00	20.00	22.98	19.00	20.00	23.22	19.00	19.20	22.44	18.20
	256QAM	1	0	21.15	**21.58**	**21.79**	21.01	**21.21**	20.78	21.45	**21.81**	21.25	20.95	20.66	21.14
		1	1	21.14	21.57	21.57	21.13	21.20	**21.36**	**21.59**	21.80	**21.38**	20.88	20.88	20.99
		1	76	21.15	21.07	21.54	**21.18**	21.09	20.99	21.33	21.51	21.07	21.07	**20.90**	**21.23**
		1	77	**21.29**	21.04	21.54	20.98	21.14	20.80	21.26	21.32	21.13	**21.10**	20.86	21.02
		36	18	21.26	21.23	21.35	20.91	21.02	20.79	21.17	21.34	21.12	20.76	20.79	21.12
		75	0	20.00	21.19	19.00	20.00	20.92	19.00	20.00	21.23	19.00	19.20	20.61	18.20

OUTPUT POWER FOR 5G NR n48 (40.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				638000	641333	645333	638000	641333	645333	638000	641333	645333	638000	641333	645333
				3570.0	3620.0	3680.0	3570.0	3620.0	3680.0	3570.0	3620.0	3680.0	3570.0	3620.0	3680.0
40.0	BPSK	1	0	25.59	25.47	25.44	**25.48**	25.20	25.26	25.21	25.44	25.29	24.92	25.01	24.56
		1	1	25.81	**26.00**	**26.00**	**25.48**	**25.48**	**25.30**	**25.91**	25.84	**26.00**	**25.05**	**25.20**	24.96
		1	104	25.84	25.48	25.84	25.40	24.91	25.28	25.72	25.45	25.73	24.70	25.10	**25.07**
		1	105	25.32	24.99	25.32	25.20	24.92	25.20	25.19	24.94	25.17	24.55	24.83	24.82
		50	25	**25.92**	25.64	25.61	25.41	25.07	25.18	25.83	**25.88**	25.73	24.80	25.09	24.85
		100	0	20.00	25.09	19.00	20.00	24.88	19.00	20.00	25.30	19.00	19.20	24.86	18.20
	QPSK	1	0	25.02	24.95	24.95	24.73	24.57	24.62	25.00	25.19	24.89	24.31	24.51	24.17
		1	1	**26.00**	**25.85**	**25.98**	**25.60**	**25.60**	**25.60**	**26.00**	**26.00**	25.87	**25.20**	**25.14**	25.12
		1	104	25.84	25.33	25.92	25.49	25.11	25.25	25.66	25.74	**25.88**	24.73	24.96	**25.20**
		1	105	24.81	24.42	24.89	24.73	24.19	24.76	24.59	24.62	24.76	24.03	24.30	24.61
		50	25	25.84	25.67	25.68	25.42	25.03	25.21	25.74	25.84	25.67	24.79	24.85	24.83
		100	0	20.00	24.61	19.00	20.00	24.34	19.00	20.00	24.80	19.00	19.20	24.23	18.20
	16QAM	1	0	23.22	23.79	23.68	23.47	23.78	23.89	23.92	23.35	23.73	23.39	23.57	23.04
		1	1	24.49	**24.75**	**24.99**	**25.12**	**24.66**	24.38	**24.60**	**24.57**	**25.05**	**24.16**	**24.75**	23.95
		1	104	24.57	24.39	24.73	25.08	24.32	**24.61**	24.45	24.32	24.63	24.08	24.37	**24.28**
		1	105	23.41	23.49	23.80	23.61	23.21	23.49	23.41	23.12	24.43	23.14	23.49	23.45
		50	25	**24.82**	24.63	24.60	24.63	24.30	24.38	24.41	24.09	24.93	23.91	24.17	24.14
		100	0	20.00	23.60	19.00	20.00	23.31	19.00	20.00	23.28	19.00	19.20	23.22	18.20
	64QAM	1	0	**23.69**	**23.84**	23.57	23.59	23.21	23.11	**23.71**	**23.80**	23.66	**23.10**	23.22	22.90
		1	1	23.68	23.82	**23.89**	23.44	**23.74**	23.21	23.51	23.49	**23.76**	22.86	**23.38**	22.95
		1	104	23.56	23.36	23.50	23.39	23.17	23.59	23.34	23.23	23.58	22.77	22.74	**23.31**
		1	105	23.43	23.29	23.40	**23.64**	23.10	**23.72**	23.28	23.42	23.38	22.60	22.97	23.18
		50	25	23.33	23.04	23.25	23.10	23.05	22.87	23.26	23.28	23.20	22.33	22.70	22.67
		100	0	20.00	23.11	19.00	20.00	23.04	19.00	20.00	23.25	19.00	19.20	22.72	18.20
	256QAM	1	0	21.46	**21.67**	21.38	**21.52**	21.42	21.08	**21.42**	21.91	21.36	20.66	20.59	20.66
		1	1	**21.66**	21.48	**21.46**	21.13	**21.52**	21.15	21.35	**21.94**	**21.56**	**20.72**	20.94	20.43
		1	104	21.46	20.96	21.05	21.16	20.97	**21.20**	21.14	21.29	21.29	20.63	**21.00**	**21.18**
		1	105	21.58	21.24	21.33	21.24	21.14	21.13	20.96	21.56	21.43	20.46	20.77	21.01
		50	25	21.32	21.10	21.27	21.12	21.07	20.83	21.15	21.26	21.15	20.26	20.67	20.65
		100	0	20.00	21.01	19.00	20.00	21.10	19.00	20.00	21.18	19.00	19.20	20.68	18.20

8.12. LTE BAND 66 AND 5G NR n66

LTE BAND 66

Test Engineer ID:	32061	Test Date:	4/24/2023

OUTPUT POWER FOR LTE BAND 66 (1.4 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				131979	132322	132665	131979	132322	132665	131979	132322	132665	131979	132322	132665
				1710.7	1745.0	1779.3	1710.7	1745.0	1779.3	1710.7	1745.0	1779.3	1710.7	1745.0	1779.3
1.4	QPSK	1	0	25.61	25.66	25.63	25.59	25.68	25.43	25.44	25.44	25.36	24.81	25.15	25.07
		1	2	25.66	**25.70**	25.64	25.65	25.68	25.50	**25.50**	25.48	25.41	24.81	25.16	25.14
		1	5	25.60	25.65	25.60	25.67	25.67	25.46	25.47	25.46	25.37	24.84	25.14	25.09
		3	0	25.65	25.68	25.60	25.66	25.67	25.51	25.42	25.46	25.36	24.83	**25.20**	25.09
		3	1	25.63	25.68	25.58	25.67	25.68	25.52	25.48	25.48	25.38	24.88	**25.20**	25.13
		3	2	25.67	25.68	25.63	25.67	**25.70**	25.51	25.48	25.43	25.37	24.87	25.19	25.12
		6	0	24.92	24.95	24.85	24.94	24.96	24.76	24.55	24.57	24.48	23.84	24.14	24.09
	16QAM	1	0	25.15	25.31	25.28	25.16	25.23	25.21	24.92	24.75	24.86	24.07	24.56	24.35
		1	2	25.19	25.32	25.27	25.11	**25.26**	25.17	**24.99**	24.84	24.86	24.18	**24.58**	24.44
		1	5	25.16	**25.33**	25.27	25.16	25.23	25.15	24.95	24.72	24.78	24.22	24.36	24.27
		3	0	25.08	25.16	25.09	25.07	25.13	24.98	24.71	24.76	24.68	24.05	24.35	24.30
		3	1	25.14	25.12	25.06	25.13	25.16	24.93	24.77	24.73	24.69	24.08	24.37	24.22
		3	2	25.09	25.17	25.09	25.09	25.17	24.98	24.76	24.75	24.69	24.02	24.33	24.29
		6	0	24.00	23.99	23.91	24.04	23.99	23.78	23.58	23.61	23.57	22.94	23.26	23.12
	64QAM	1	0	24.13	24.08	24.14	24.11	**24.29**	23.87	23.85	23.93	23.77	23.00	23.51	23.41
		1	2	24.19	**24.21**	24.16	24.16	24.28	23.89	23.97	**23.98**	23.84	23.09	**23.63**	23.33
		1	5	24.12	24.13	24.16	24.23	24.23	23.87	23.77	23.84	23.73	23.16	23.27	23.29
		3	0	24.00	24.03	23.98	24.07	24.13	23.87	23.70	23.65	23.61	22.91	23.25	23.23
		3	1	24.00	24.06	24.00	24.10	24.18	23.88	23.65	23.74	23.57	23.02	23.30	23.19
		3	2	24.01	24.06	23.98	24.10	24.13	23.86	23.73	23.72	23.59	23.01	23.33	23.24
		6	0	22.92	22.96	22.87	22.99	23.06	22.88	22.49	22.58	22.56	21.90	22.34	22.08
	256QAM	1	0	20.98	21.02	20.92	**21.05**	**21.05**	20.81	20.60	20.67	20.59	19.83	**20.31**	20.19
		1	2	21.02	21.05	20.97	**21.05**	**21.05**	20.93	20.65	**20.72**	20.58	19.90	20.23	20.19
		1	5	20.98	**21.07**	20.94	20.99	20.98	20.88	20.61	20.67	20.53	19.90	20.26	20.20
		3	0	20.98	20.98	20.89	20.96	20.92	20.78	20.54	20.59	20.49	19.77	20.25	20.09
		3	1	20.98	20.99	20.90	20.96	20.92	20.70	20.54	20.59	20.47	19.91	20.18	20.06
		3	2	21.02	20.97	20.91	20.96	20.93	20.69	20.54	20.59	20.48	19.87	20.20	20.04
		6	0	20.98	20.94	20.86	21.01	20.84	20.73	20.46	20.58	20.45	19.93	20.10	19.95

OUTPUT POWER FOR LTE BAND 66 (3.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				131987	132322	132657	131987	132322	132657	131987	132322	132657	131987	132322	132657
				1711.5	1745.0	1778.5	1711.5	1745.0	1778.5	1711.5	1745.0	1778.5	1711.5	1745.0	1778.5
3.0	QPSK	1	0	25.45	25.58	25.62	25.53	25.57	25.39	25.35	25.35	25.31	24.78	25.12	25.17
		1	7	25.61	**25.70**	25.69	**25.70**	25.66	25.50	25.49	**25.50**	25.42	24.95	**25.20**	25.17
		1	14	25.50	25.62	25.57	25.56	25.57	25.37	25.39	25.38	25.34	24.89	25.15	24.98
		8	0	24.90	24.97	24.98	24.92	24.91	24.70	24.57	24.54	24.57	23.82	24.17	24.15
		8	4	24.91	24.99	24.99	24.93	24.94	24.75	24.61	24.57	24.60	23.90	24.20	24.16
		8	7	24.91	25.00	24.99	24.93	24.93	24.71	24.58	24.59	24.60	23.89	24.20	24.16
		15	0	24.87	25.00	24.93	24.92	24.93	24.72	24.54	24.53	24.60	23.91	24.20	24.14
	16QAM	1	0	25.20	25.23	25.25	25.19	25.23	25.09	24.78	24.76	24.96	24.16	24.48	24.45
		1	7	**25.39**	25.36	25.29	25.22	**25.35**	25.06	24.93	24.97	**25.04**	24.22	**24.56**	24.50
		1	14	25.23	25.20	25.17	25.21	25.28	25.00	24.77	24.77	24.92	24.21	24.45	24.34
		8	0	23.99	23.98	24.00	23.91	24.00	23.77	23.64	23.60	23.81	22.95	23.25	23.22
		8	4	24.02	24.04	23.99	23.95	24.03	23.79	23.69	23.62	23.87	23.02	23.30	23.19
		8	7	24.00	24.03	24.01	23.95	24.01	23.79	23.67	23.60	23.86	22.97	23.35	23.26
		15	0	23.90	23.99	23.99	23.93	23.97	23.80	23.58	23.55	23.77	22.90	23.23	23.13
	64QAM	1	0	24.16	24.21	24.14	24.08	24.18	24.07	**24.87**	23.83	23.76	22.94	23.32	23.26
		1	7	24.23	24.28	24.26	**24.32**	24.28	23.97	23.85	23.83	23.86	23.10	**23.43**	23.33
		1	14	24.22	**24.29**	24.16	24.01	24.12	23.92	23.73	23.74	23.74	23.02	23.21	23.21
		8	0	22.92	23.07	23.07	22.92	23.01	22.75	22.61	22.60	22.67	21.89	22.24	22.15
		8	4	22.99	23.10	23.06	22.98	23.04	22.82	22.65	22.62	22.71	21.96	22.28	22.18
		8	7	22.97	23.08	23.05	22.98	23.07	22.79	22.62	22.62	22.72	21.92	22.19	22.18
		15	0	22.88	23.01	23.02	22.96	22.97	22.74	22.62	22.59	22.68	21.91	22.22	22.14
	256QAM	1	0	20.80	20.97	21.06	20.84	20.94	20.81	20.57	20.57	20.66	19.78	20.16	20.16
		1	7	20.97	**21.16**	**21.16**	20.98	**21.09**	20.92	20.75	20.73	**20.79**	19.87	**20.35**	20.23
		1	14	20.86	21.09	21.02	20.97	20.97	20.78	20.65	20.61	20.68	20.00	20.21	20.09
		8	0	20.87	20.98	20.94	20.86	20.96	20.72	20.54	20.52	20.63	19.81	20.21	20.14
		8	4	20.88	21.01	21.01	20.91	20.98	20.72	20.58	20.58	20.65	19.94	20.24	20.16
		8	7	20.90	21.00	21.02	20.92	20.97	20.75	20.58	20.58	20.66	19.92	20.23	20.21
		15	0	20.87	20.95	20.95	20.82	20.89	20.68	20.52	20.53	20.64	19.89	20.19	20.11

OUTPUT POWER FOR LTE BAND 66 (5.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				131997	132322	132647	131997	132322	132647	131997	132322	132647	131997	132322	132647
				1712.5	1745.0	1777.5	1712.5	1745.0	1777.5	1712.5	1745.0	1777.5	1712.5	1745.0	1777.5
5.0	QPSK	1	0	25.57	25.55	25.45	25.51	25.63	25.43	25.27	25.35	25.19	24.77	25.10	25.19
		1	12	**25.70**	**25.70**	25.50	25.66	**25.70**	25.50	25.46	**25.50**	25.34	24.90	**25.20**	25.17
		1	24	25.59	25.61	25.42	25.57	25.60	25.41	25.32	25.27	25.19	24.94	25.11	24.98
		12	0	24.54	24.63	24.48	24.89	24.95	24.74	24.52	24.60	24.38	23.89	24.11	24.16
		12	6	24.67	24.68	24.52	24.96	24.98	24.76	24.56	24.61	24.43	23.94	24.22	24.17
		12	11	24.62	24.64	24.46	24.94	24.93	24.72	24.56	24.59	24.41	23.98	24.17	24.10
		25	0	24.61	24.63	24.49	24.87	24.95	24.74	24.57	24.59	24.41	23.90	24.18	24.13
	16QAM	1	0	24.88	24.89	24.85	25.19	25.25	25.04	24.91	24.98	24.80	24.28	24.57	24.64
		1	12	25.05	**25.06**	24.92	25.33	**25.36**	25.14	**25.04**	**25.04**	24.94	24.44	**24.69**	24.66
		1	24	24.95	24.95	24.78	25.24	25.29	25.01	24.95	24.81	24.84	24.43	24.55	24.47
		12	0	23.59	23.76	23.57	23.90	23.86	23.74	23.68	23.76	23.55	23.02	23.22	23.31
		12	6	23.69	23.81	23.63	23.93	23.89	23.78	23.68	23.79	23.58	22.99	23.22	23.22
		12	11	23.65	23.77	23.59	23.91	23.86	23.75	23.65	23.73	23.57	22.98	23.21	23.20
		25	0	23.64	23.66	23.52	23.90	23.95	23.78	23.63	23.63	23.56	22.95	23.23	23.17
	64QAM	1	0	23.66	23.72	23.57	24.04	24.09	23.89	23.79	23.48	23.68	23.13	23.47	23.50
		1	12	**23.83**	23.79	23.58	24.18	**24.25**	24.01	**23.91**	23.54	23.73	23.28	**23.56**	23.49
		1	24	23.70	23.72	23.52	24.09	24.22	23.97	23.84	23.50	23.73	23.35	**23.56**	23.40
		12	0	22.56	22.67	22.49	23.00	23.05	22.85	22.73	22.35	22.51	21.93	22.18	22.26
		12	6	22.65	22.69	22.53	23.02	23.10	22.88	22.75	22.38	22.54	21.97	22.22	22.10
		12	11	22.66	22.65	22.50	23.00	23.05	22.83	22.72	22.35	22.54	22.01	22.26	22.12
		25	0	22.65	22.65	22.48	22.90	22.94	22.73	22.66	22.36	22.52	21.92	22.22	22.17
	256QAM	1	0	20.73	20.62	20.55	20.86	21.03	20.85	20.64	20.43	20.63	19.87	20.21	20.29
		1	12	**20.83**	20.79	20.61	20.94	**21.13**	20.88	**20.69**	20.58	**20.69**	20.12	**20.33**	20.23
		1	24	20.73	20.71	20.46	20.92	20.97	20.78	20.63	20.47	20.57	20.12	20.24	20.15
		12	0	20.54	20.61	20.50	20.89	20.92	20.71	20.59	20.38	20.44	19.89	20.10	20.18
		12	6	20.70	20.68	20.50	20.92	20.95	20.75	20.60	20.39	20.45	19.96	20.23	20.17
		12	11	20.64	20.64	20.46	20.88	20.91	20.71	20.59	20.36	20.44	19.97	20.20	20.12
		25	0	20.64	20.62	20.50	20.87	20.92	20.72	20.57	20.36	20.42	19.92	20.15	20.16

OUTPUT POWER FOR LTE BAND 66 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				132022	132322	132622	132022	132322	132622	132022	132322	132622	132022	132322	132622
				1715.0	1745.0	1775.0	1715.0	1745.0	1775.0	1715.0	1745.0	1775.0	1715.0	1745.0	1775.0
10.0	QPSK	1	0	25.67	25.62	25.56	25.58	25.62	25.44	25.35	25.33	25.39	24.67	24.98	**25.20**
		1	24	**25.70**	**25.70**	25.53	25.65	**25.70**	25.50	25.37	25.45	**25.50**	24.83	25.03	25.09
		1	49	25.61	**25.70**	25.48	25.58	25.61	25.42	25.39	25.37	25.45	25.01	25.01	24.87
		25	0	24.64	24.62	24.49	24.90	24.96	24.69	24.46	24.50	24.55	23.66	23.96	24.02
		25	12	24.74	24.74	24.57	24.90	25.00	24.73	24.59	24.60	24.58	23.84	24.04	24.02
		25	24	24.70	24.71	24.51	24.90	24.94	24.76	24.58	24.53	24.67	23.92	23.99	23.96
		50	0	24.72	24.69	24.46	24.90	24.96	24.70	24.61	24.55	24.62	23.83	24.02	23.99
	16QAM	1	0	25.05	**25.12**	24.97	25.23	25.33	25.02	24.92	24.95	25.04	23.96	24.32	**24.50**
		1	24	24.98	25.06	24.88	25.20	**25.34**	25.06	24.94	24.87	25.06	24.21	24.29	24.37
		1	49	24.99	25.11	24.93	25.22	**25.34**	25.02	24.96	24.94	**25.13**	24.37	24.28	24.12
		25	0	23.66	23.64	23.53	23.92	23.98	23.71	23.59	23.64	23.81	22.70	23.02	23.08
		25	12	23.77	23.79	23.62	23.95	24.01	23.74	23.68	23.72	23.21	22.88	23.08	23.06
		25	24	23.75	23.74	23.58	23.93	23.96	23.78	23.71	23.64	23.26	22.94	23.04	23.00
		50	0	23.69	23.70	23.43	23.90	23.96	23.67	23.69	23.65	23.18	22.85	23.03	22.97
	64QAM	1	0	23.82	**23.91**	23.70	24.09	24.17	24.05	23.78	23.71	23.43	22.78	23.15	**23.32**
		1	24	23.87	23.90	23.71	24.19	**24.29**	24.08	23.78	23.77	23.50	23.01	23.22	23.25
		1	49	23.82	23.83	23.63	24.07	24.17	23.99	**23.83**	23.75	23.39	23.13	23.15	23.01
		25	0	22.61	22.63	22.50	22.93	23.00	22.69	22.58	22.57	22.15	21.67	21.96	22.08
		25	12	22.74	22.73	22.57	22.98	23.01	22.72	22.68	22.65	22.18	21.86	22.04	22.04
		25	24	22.70	22.71	22.50	22.94	22.95	22.77	22.65	22.59	22.21	21.92	21.99	21.98
		50	0	22.69	22.69	22.48	22.95	22.95	22.67	22.65	22.59	22.14	21.85	22.02	21.99
	256QAM	1	0	20.65	20.69	20.54	20.86	20.94	20.80	20.65	20.65	20.30	19.65	19.97	**20.17**
		1	24	20.78	**20.84**	20.62	21.04	**21.05**	20.84	20.69	**20.78**	20.39	19.96	20.11	**20.17**
		1	49	20.71	20.77	20.51	20.98	20.94	20.79	20.72	20.66	20.29	19.97	20.05	19.91
		25	0	20.63	20.62	20.46	20.92	20.94	20.70	20.49	20.50	20.13	19.68	19.95	20.06
		25	12	20.71	20.71	20.56	20.94	20.94	20.71	20.60	20.62	20.16	19.86	20.04	20.03
		25	24	20.68	20.67	20.49	20.91	20.90	20.74	20.57	20.53	20.21	19.92	19.96	19.99
		50	0	20.69	20.68	20.44	20.90	20.90	20.67	20.54	20.55	20.14	19.83	19.98	19.95

OUTPUT POWER FOR LTE BAND 66 (15.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				132047	132322	132597	132047	132322	132597	132047	132322	132597	132047	132322	132597
				1717.5	1745.0	1772.5	1717.5	1745.0	1772.5	1717.5	1745.0	1772.5	1717.5	1745.0	1772.5
15.0	QPSK	1	0	25.69	25.59	25.56	25.56	25.63	25.47	25.47	25.44	25.34	25.03	24.76	24.97
		1	37	25.67	25.68	25.55	25.64	25.65	25.43	25.45	25.42	25.31	25.06	24.95	24.75
		1	74	**25.70**	**25.70**	25.36	**25.70**	25.64	25.38	**25.50**	25.40	25.24	24.90	**25.20**	24.59
		36	0	24.69	24.65	24.54	24.91	24.96	24.75	24.54	24.53	24.42	24.05	23.88	23.84
		36	16	24.75	24.72	24.48	24.99	25.00	24.79	24.62	24.59	24.46	24.09	24.03	23.77
		36	35	24.72	24.73	24.54	24.98	24.98	24.79	24.59	24.55	24.46	24.02	24.09	23.68
		75	0	24.72	24.71	24.48	24.98	25.01	24.79	24.58	24.56	24.37	24.06	23.95	23.79
	16QAM	1	0	24.96	24.99	24.87	25.17	**25.29**	25.13	24.74	24.82	24.65	24.51	24.11	24.34
		1	37	25.04	25.04	24.84	25.27	25.25	25.11	24.80	24.80	24.72	24.52	24.37	24.02
		1	74	24.97	**25.11**	24.66	25.28	**25.29**	25.00	**24.87**	24.77	24.56	24.29	**24.57**	23.87
		36	0	23.68	23.66	23.57	23.91	23.96	23.80	23.55	23.57	23.42	23.09	22.89	22.86
		36	16	23.75	23.74	23.50	24.02	24.04	23.83	23.63	23.63	23.49	23.13	23.03	22.82
		36	35	23.73	23.73	23.55	24.03	24.00	23.82	23.60	23.57	23.47	23.04	23.12	22.72
		75	0	23.73	23.74	23.52	23.98	24.00	23.82	23.59	23.59	23.40	23.10	22.96	22.80
	64QAM	1	0	23.81	23.85	23.70	24.11	24.16	24.04	23.80	23.89	23.63	23.39	23.13	23.33
		1	37	23.86	23.88	23.62	24.22	**24.23**	24.05	23.84	**23.90**	23.68	23.41	23.30	23.07
		1	74	23.87	**23.98**	23.50	24.18	**24.23**	23.85	23.87	23.79	23.60	23.27	**23.59**	22.93
		36	0	22.67	22.65	22.55	22.88	22.92	22.75	22.54	22.56	22.45	22.11	21.86	21.85
		36	16	22.73	22.72	22.52	22.98	23.00	22.80	22.59	22.62	22.48	22.13	22.05	21.80
		36	35	22.72	22.72	22.54	23.00	22.99	22.76	22.60	22.57	22.47	22.07	22.12	21.70
		75	0	22.73	22.72	22.52	22.96	22.98	22.81	22.58	22.58	22.40	22.08	21.97	21.81
	256QAM	1	0	20.65	20.65	20.61	20.91	20.96	20.78	20.58	20.64	20.50	20.08	19.92	19.98
		1	37	20.76	20.74	20.60	**21.01**	21.00	20.81	20.66	**20.72**	20.55	20.20	20.19	19.83
		1	74	20.72	**20.81**	20.55	**21.01**	**21.01**	20.84	20.66	20.70	20.55	20.02	**20.42**	19.79
		36	0	20.67	20.64	20.58	20.90	20.91	20.73	20.52	20.54	20.43	20.06	19.86	19.81
		36	16	20.73	20.73	20.53	20.96	20.98	20.77	20.58	20.59	20.48	20.11	20.02	19.77
		36	35	20.72	20.71	20.56	20.97	20.94	20.74	20.56	20.55	20.45	20.03	20.10	19.68
		75	0	20.74	20.74	20.52	20.94	20.97	20.77	20.57	20.57	20.39	20.08	19.97	19.78

OUTPUT POWER FOR LTE BAND 66 (20.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				132072	132322	132572	132072	132322	132572	132072	132322	132572	132072	132322	132572
				1720.0	1745.0	1770.0	1720.0	1745.0	1770.0	1720.0	1745.0	1770.0	1720.0	1745.0	1770.0
20.0	QPSK	1	0	**25.70**	25.67	25.62	25.60	25.69	25.48	25.43	**25.50**	25.31	25.15	24.84	25.08
		1	49	25.63	25.66	25.49	25.65	25.64	25.44	25.37	25.37	25.27	25.00	24.96	24.76
		1	99	25.63	**25.70**	25.38	**25.70**	25.66	25.34	25.38	25.35	25.21	24.78	**25.20**	24.50
		50	0	24.66	24.62	24.57	24.93	24.98	24.79	24.47	24.51	24.39	24.10	23.85	23.96
		50	24	24.72	24.72	24.59	25.02	25.06	24.75	24.58	24.56	24.47	24.11	24.05	23.78
		50	49	24.69	24.71	24.51	25.02	25.01	24.80	24.53	24.51	24.43	23.96	24.11	23.71
		100	0	24.71	24.63	24.60	25.00	25.03	24.77	24.54	24.55	24.45	24.06	23.94	23.81
	16QAM	1	0	24.92	25.02	25.00	25.22	25.34	25.22	24.83	24.75	24.68	24.39	24.09	24.42
		1	49	25.04	**25.30**	25.09	**25.36**	25.30	25.20	**24.90**	24.85	24.79	24.32	24.30	24.12
		1	99	24.87	25.14	24.67	25.31	25.18	25.08	24.82	24.78	24.58	24.07	**24.52**	23.81
		50	0	23.66	23.63	23.59	23.93	23.98	23.80	23.50	23.55	23.41	23.09	22.88	22.97
		50	24	23.73	23.72	23.61	24.00	24.05	23.74	23.58	23.58	23.50	23.09	23.06	22.78
		50	49	23.70	23.72	23.54	24.01	24.02	23.78	23.54	23.52	23.45	22.97	23.13	22.73
		100	0	23.71	23.63	23.61	23.99	24.02	23.76	23.55	23.57	23.46	23.06	22.97	22.79
	64QAM	1	0	23.82	23.88	23.79	24.23	**24.34**	24.20	23.77	23.75	23.62	23.44	23.07	23.34
		1	49	23.85	**24.02**	23.79	24.17	24.31	24.22	23.76	**23.87**	23.78	23.38	23.30	23.08
		1	99	23.81	23.92	23.54	24.16	24.27	24.08	23.68	23.66	23.54	23.01	**23.45**	22.78
		50	0	22.63	22.65	22.59	22.91	22.95	22.75	22.47	22.49	22.38	22.07	21.84	21.91
		50	24	22.70	22.74	22.62	22.98	23.02	22.73	22.56	22.57	22.47	22.10	22.05	21.75
		50	49	22.66	22.72	22.53	22.98	22.98	22.77	22.52	22.50	22.43	21.94	22.13	21.69
		100	0	22.69	22.64	22.58	22.96	23.02	22.71	22.54	22.54	22.44	22.05	21.92	21.76
	256QAM	1	0	20.78	20.81	20.78	20.99	21.07	20.87	20.62	20.65	20.50	20.17	19.92	20.20
		1	49	20.80	20.84	20.73	21.10	**21.12**	20.92	20.64	20.66	20.48	20.08	20.13	19.87
		1	99	20.75	**20.88**	20.65	21.07	21.04	20.79	**20.67**	20.60	20.46	19.87	**20.29**	19.76
		50	0	20.65	20.64	20.57	20.89	20.91	20.73	20.46	20.48	20.35	20.07	19.84	19.89
		50	24	20.71	20.75	20.62	20.95	20.98	20.71	20.56	20.56	20.42	20.06	20.02	19.74
		50	49	20.65	20.72	20.53	20.95	20.94	20.73	20.55	20.48	20.40	19.92	20.10	19.68
		100	0	20.69	20.64	20.60	20.94	20.97	20.70	20.55	20.52	20.41	20.03	19.95	19.76

5G NR n66

Test Engineer ID:	32061	Test Date:	4/26/2023

OUTPUT POWER FOR 5G NR n66 (5.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				342500	349000	355500	342500	349000	355500	342500	349000	355500	342500	349000	355500
				1712.5	1745.0	1777.5	1712.5	1745.0	1777.5	1712.5	1745.0	1777.5	1712.5	1745.0	1777.5
5.0	BPSK	1	0	25.31	25.45	25.16	25.39	25.23	25.16	25.15	25.17	25.09	24.94	24.89	24.90
		1	1	25.50	**25.70**	25.29	**25.57**	25.51	25.43	25.33	**25.44**	25.25	25.13	25.07	25.09
		1	23	25.61	25.63	25.27	25.51	25.45	25.40	25.27	25.42	25.26	25.03	25.06	25.09
		1	24	25.35	25.42	25.06	25.34	25.22	25.19	25.06	25.17	24.95	24.91	24.85	24.88
		12	6	25.50	25.60	25.21	25.55	25.42	25.39	25.26	25.29	25.24	25.10	**25.16**	25.11
		25	0	25.30	25.38	24.96	25.37	25.15	25.09	25.06	25.09	24.92	24.95	24.93	24.90
	QPSK	1	0	24.82	24.92	24.57	24.83	24.77	24.73	24.62	24.61	24.49	24.48	24.46	24.40
		1	1	25.54	**25.62**	25.26	25.57	25.42	25.35	**25.50**	25.21	25.32	**25.20**	25.08	25.11
		1	23	25.47	25.50	25.36	25.57	25.42	25.27	25.49	25.31	25.29	25.19	25.12	25.10
		1	24	24.81	24.93	24.58	24.83	24.72	24.56	24.61	24.54	24.45	24.46	24.45	24.36
		12	6	25.53	25.57	25.30	**25.70**	25.51	25.29	25.29	25.37	25.17	25.19	25.17	25.13
		25	0	24.81	24.84	24.56	24.96	24.71	24.58	24.58	24.62	24.42	24.52	24.51	24.43
	16QAM	1	0	23.64	24.03	23.49	24.06	23.69	23.68	23.76	23.95	23.49	23.73	23.58	23.64
		1	1	24.56	**25.09**	24.43	**25.11**	24.81	24.60	24.78	**25.03**	24.60	**24.81**	24.61	24.49
		1	23	24.62	25.01	24.35	25.04	24.82	24.57	24.71	24.98	24.50	24.67	24.60	24.35
		1	24	23.57	24.01	23.39	24.06	23.84	23.55	23.70	23.84	23.50	23.76	23.56	23.40
		12	6	24.77	24.87	24.47	24.99	24.83	24.67	24.63	24.60	24.52	24.55	24.56	24.48
		25	0	23.88	23.91	23.49	23.95	23.65	23.61	23.54	23.52	23.46	23.50	23.42	23.39
	64QAM	1	0	23.70	23.53	23.59	23.75	23.27	23.15	23.14	**23.34**	22.91	23.27	22.88	22.81
		1	1	23.85	23.71	23.61	23.53	23.26	23.25	23.12	23.27	22.89	23.25	22.89	22.78
		1	23	**23.86**	23.55	23.59	**23.76**	23.14	23.24	23.12	23.31	22.83	**23.32**	22.76	22.88
		1	24	23.74	23.61	23.50	23.64	23.39	23.20	23.06	23.28	22.91	23.18	22.77	22.80
		12	6	23.34	23.22	23.08	23.49	23.24	23.01	23.13	23.11	23.06	22.97	22.99	22.72
		25	0	23.47	23.36	23.01	23.36	23.31	23.05	23.07	23.10	23.03	23.01	22.93	22.77
	256QAM	1	0	21.63	21.33	21.14	21.13	20.91	20.63	20.84	21.03	21.17	20.91	20.83	20.90
		1	1	**21.64**	21.41	21.19	21.18	21.02	20.72	20.84	21.06	21.11	21.00	20.86	20.87
		1	23	21.59	21.25	21.21	21.13	20.99	20.64	20.79	21.06	21.12	20.98	21.00	20.83
		1	24	21.56	21.27	21.22	21.09	20.92	20.74	20.81	21.01	21.13	20.97	20.77	20.80
		12	6	21.28	21.19	21.05	**21.33**	21.10	20.92	21.09	**21.18**	20.99	20.93	20.81	20.77
		25	0	21.46	21.23	21.14	21.31	21.12	20.91	21.05	21.09	21.07	20.94	**21.03**	20.83

OUTPUT POWER FOR 5G NR n66 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				343000	349000	355000	343000	349000	355000	343000	349000	355000	343000	349000	355000
				1715.0	1745.0	1775.0	1715.0	1745.0	1775.0	1715.0	1745.0	1775.0	1715.0	1745.0	1775.0
10.0	BPSK	1	0	25.56	25.46	25.26	25.43	25.43	25.25	25.23	25.13	25.19	24.92	24.84	24.88
		1	1	25.68	25.60	25.48	**25.70**	25.52	25.48	**25.50**	25.32	25.36	**25.20**	24.99	25.08
		1	50	25.68	25.53	25.43	25.55	25.56	25.38	25.43	25.38	25.28	25.17	24.92	25.04
		1	51	25.41	25.27	25.20	25.35	25.21	25.23	25.23	25.16	25.08	24.92	24.75	24.77
		25	12	**25.70**	25.56	25.47	25.64	25.46	25.48	25.44	25.45	25.33	25.10	25.14	25.07
		50	0	25.48	25.39	25.32	25.47	25.30	25.29	25.28	25.26	25.21	25.02	24.97	24.91
	QPSK	1	0	24.96	24.95	24.76	24.92	24.82	24.81	24.61	24.75	24.70	24.40	24.49	24.34
		1	1	**25.66**	25.60	25.46	**25.62**	25.57	25.52	25.38	25.35	**25.48**	25.14	25.04	25.05
		1	50	25.59	25.64	25.43	25.55	25.48	25.41	25.35	25.42	25.37	25.13	25.09	24.94
		1	51	24.94	24.97	24.63	24.78	24.72	24.72	24.57	24.67	24.67	24.24	24.41	24.31
		25	12	**25.66**	25.59	25.47	25.59	25.48	25.54	25.44	25.47	25.40	25.17	**25.18**	25.09
		50	0	25.01	24.89	24.79	24.88	24.83	24.79	24.74	24.76	24.67	24.48	24.51	24.41
	16QAM	1	0	23.80	23.90	23.73	23.91	23.91	23.96	23.65	23.82	23.66	23.71	23.39	23.45
		1	1	24.66	24.89	24.86	24.91	24.91	24.91	24.62	**24.92**	24.52	**24.84**	24.43	24.56
		1	50	24.70	25.01	24.89	24.64	**24.98**	24.92	24.53	24.79	24.51	24.77	24.38	24.51
		1	51	23.64	23.92	23.77	23.53	23.92	23.98	23.47	23.76	23.50	23.67	23.30	23.44
		25	12	**25.07**	25.04	24.85	24.92	24.81	24.78	24.66	24.78	24.61	24.48	24.50	24.41
		50	0	23.96	23.94	23.76	23.90	23.74	23.87	23.77	23.78	23.66	23.53	23.56	23.50
	64QAM	1	0	**24.02**	23.89	23.37	**23.79**	23.37	23.40	23.25	23.26	**23.34**	23.14	22.87	23.02
		1	1	23.90	23.76	23.39	23.63	23.18	23.39	23.28	23.19	23.24	23.17	22.98	23.00
		1	50	24.01	23.75	23.27	23.66	23.42	23.21	23.15	23.10	23.17	23.14	22.76	22.94
		1	51	23.85	23.62	23.24	23.55	23.17	23.33	23.22	23.10	23.21	**23.29**	22.69	22.88
		25	12	23.64	23.45	23.24	23.38	23.45	23.28	23.18	23.28	23.13	22.97	22.94	22.92
		50	0	23.67	23.45	23.25	23.41	23.38	23.31	23.21	23.27	23.08	23.00	22.99	22.95
	256QAM	1	0	21.97	21.49	21.49	21.19	21.30	20.92	21.20	21.37	21.15	**21.21**	21.04	20.76
		1	1	**21.99**	21.67	21.40	21.04	21.07	20.94	21.25	**21.50**	21.18	20.97	20.99	20.77
		1	50	21.78	21.48	21.43	21.18	20.97	20.91	21.23	21.40	21.04	20.99	20.99	20.63
		1	51	21.78	21.54	21.49	20.95	21.04	20.86	21.17	21.42	21.03	20.93	20.93	20.78
		25	12	21.62	21.48	21.32	21.19	21.21	21.23	21.19	21.21	21.15	20.95	21.11	20.91
		50	0	21.63	21.43	21.18	**21.35**	21.26	21.25	21.20	21.24	21.17	20.94	21.03	21.00

OUTPUT POWER FOR 5G NR n66 (15.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				343500	349000	354500	343500	349000	354500	343500	349000	354500	343500	349000	354500
				1717.5	1745.0	1772.5	1717.5	1745.0	1772.5	1717.5	1745.0	1772.5	1717.5	1745.0	1772.5
15.0	BPSK	1	0	25.48	25.49	25.20	25.34	25.41	25.34	25.33	25.37	25.08	24.81	24.95	24.87
		1	1	25.69	**25.70**	25.49	25.60	**25.70**	25.51	25.45	25.47	25.36	25.01	25.04	25.04
		1	77	25.62	25.57	25.38	25.50	25.58	25.50	**25.50**	**25.50**	25.34	24.99	**25.20**	25.10
		1	78	25.40	25.39	25.23	25.35	25.31	25.26	25.30	25.32	25.13	24.85	24.97	24.76
		36	18	25.51	25.51	25.25	25.33	25.49	25.32	25.23	25.31	25.26	24.87	24.94	24.87
		75	0	25.39	25.35	25.15	25.18	25.22	25.18	25.11	25.18	25.12	24.65	24.77	24.72
	QPSK	1	0	24.91	24.91	24.76	24.84	24.98	24.74	24.69	24.66	24.67	24.25	24.39	24.31
		1	1	25.55	**25.61**	25.50	**25.62**	25.59	25.48	25.37	25.39	25.38	25.01	25.10	25.04
		1	77	25.49	25.55	25.46	25.50	25.37	25.37	25.38	**25.40**	25.39	25.01	**25.14**	25.01
		1	78	24.93	24.85	24.68	24.78	24.73	24.70	24.71	24.71	24.65	24.33	24.41	24.30
		36	18	25.55	25.52	25.41	25.41	25.23	25.34	25.29	25.35	25.32	24.85	24.98	24.89
		75	0	24.89	24.88	24.73	24.70	24.67	24.66	24.59	24.70	24.61	24.18	24.30	24.24
	16QAM	1	0	24.04	23.69	23.97	23.60	24.03	23.82	23.46	24.11	23.56	23.27	23.45	23.33
		1	1	24.99	24.82	24.98	24.58	**24.95**	24.79	24.63	**25.11**	24.60	24.35	**24.56**	24.38
		1	77	**25.03**	24.71	24.84	24.68	24.71	24.69	24.55	24.97	24.52	24.45	24.42	24.34
		1	78	24.09	23.76	23.78	23.50	23.76	23.57	23.49	24.06	23.60	23.43	23.47	23.29
		36	18	24.84	24.79	24.63	24.80	24.56	24.61	24.74	24.77	24.61	24.21	24.32	24.25
		75	0	23.88	23.87	23.68	23.91	23.81	23.68	23.64	23.80	23.55	23.29	23.32	23.44
	64QAM	1	0	**23.87**	23.68	23.52	23.65	23.29	23.40	23.10	23.31	23.28	22.87	23.08	23.11
		1	1	23.81	23.56	23.58	**23.67**	23.29	23.51	23.28	23.33	23.28	22.83	22.82	**23.22**
		1	77	23.75	23.56	23.44	23.58	23.25	23.58	23.27	**23.38**	23.23	22.88	22.98	22.97
		1	78	23.75	23.52	23.48	23.48	23.32	23.39	23.29	23.37	23.16	22.79	22.89	23.06
		36	18	23.56	23.35	23.17	23.44	23.30	23.14	23.23	23.29	23.09	22.79	22.92	22.88
		75	0	23.49	23.33	23.15	23.37	23.20	23.11	23.27	23.18	23.05	22.80	22.91	22.84
	256QAM	1	0	21.57	**21.68**	21.45	21.08	21.05	21.19	21.42	21.43	21.09	20.70	**21.16**	20.78
		1	1	21.66	21.59	21.43	21.18	21.14	21.09	**21.46**	21.25	21.12	20.94	20.83	20.94
		1	77	21.65	21.62	21.41	20.95	21.11	20.94	21.34	21.33	21.09	20.92	20.97	20.82
		1	78	21.51	21.59	21.19	21.01	21.07	20.97	21.39	21.32	21.05	20.94	20.97	20.68
		36	18	21.46	21.31	21.11	**21.28**	21.20	21.11	21.22	21.27	21.06	20.79	20.96	20.83
		75	0	21.44	21.29	21.10	21.27	21.20	21.08	21.12	21.25	21.02	20.73	20.80	20.75

OUTPUT POWER FOR 5G NR n66 (20.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				344000	349000	354000	344000	349000	354000	344000	349000	354000	344000	349000	354000
				1720.0	1745.0	1770.0	1720.0	1745.0	1770.0	1720.0	1745.0	1770.0	1720.0	1745.0	1770.0
20.0	BPSK	1	0	25.52	25.42	25.24	25.43	25.47	25.33	25.29	25.44	25.07	24.83	24.94	24.95
		1	1	**25.70**	25.54	25.46	**25.66**	25.59	25.55	25.43	**25.50**	25.29	24.98	25.03	24.99
		1	104	25.66	25.52	25.41	25.55	25.58	25.45	25.43	25.40	25.27	25.01	**25.15**	25.03
		1	105	25.53	25.28	25.11	25.38	25.48	25.33	25.21	25.04	25.08	24.75	24.91	24.78
		50	25	25.55	25.63	25.43	25.59	25.61	25.54	25.35	25.37	25.30	24.92	25.06	24.96
		100	0	25.36	25.39	25.19	25.42	25.40	25.35	25.12	25.20	25.11	24.76	24.87	24.83
	QPSK	1	0	24.98	25.00	24.80	24.74	25.04	24.98	24.63	24.74	24.59	24.31	24.58	24.38
		1	1	25.56	25.55	25.50	25.38	25.64	**25.70**	25.44	25.42	25.38	25.01	**25.20**	25.05
		1	104	**25.62**	25.50	25.44	25.43	25.55	25.66	25.40	25.35	25.33	25.08	25.13	24.91
		1	105	24.90	24.75	24.77	24.75	24.82	24.96	24.69	24.66	24.61	24.32	24.40	24.29
		50	25	25.53	25.60	25.41	25.68	25.41	25.55	**25.47**	25.29	25.34	24.99	25.08	25.09
		100	0	24.89	24.89	24.72	24.93	24.86	24.84	24.51	24.61	24.58	24.28	24.40	24.35
	16QAM	1	0	23.59	23.86	23.87	24.36	24.03	23.91	23.84	23.65	23.54	23.31	23.68	23.71
		1	1	24.49	24.64	**24.98**	25.08	24.93	25.02	**24.92**	24.67	24.46	24.43	24.61	24.69
		1	104	24.61	24.80	24.64	**25.21**	25.05	24.84	24.91	24.59	24.46	24.56	**24.75**	24.60
		1	105	23.75	24.14	23.63	24.02	23.77	23.75	23.81	23.50	23.34	23.62	23.61	23.56
		50	25	24.82	24.87	24.71	24.88	24.75	24.83	24.67	24.65	24.59	24.42	24.49	24.33
		100	0	23.97	23.87	23.68	23.87	23.94	23.84	23.74	23.60	23.56	23.35	23.44	23.38
	64QAM	1	0	23.88	23.93	23.61	23.45	**24.02**	23.01	23.23	23.14	23.07	23.05	**23.31**	23.04
		1	1	**24.13**	24.00	23.60	23.38	23.72	23.19	23.17	23.03	23.18	22.99	23.00	22.86
		1	104	23.77	23.65	23.22	23.32	23.95	23.13	23.24	22.92	22.88	22.88	22.99	22.92
		1	105	23.89	23.75	23.26	23.39	23.77	23.19	23.13	22.94	22.93	23.01	23.13	22.92
		50	25	23.40	23.33	23.13	23.40	23.49	23.30	23.24	23.24	23.06	22.84	23.00	22.90
		100	0	23.47	23.37	23.12	23.46	23.50	23.26	23.22	**23.26**	22.99	22.82	22.97	22.85
	256QAM	1	0	21.67	21.70	21.46	21.21	21.49	21.06	21.12	21.24	21.10	20.60	20.96	20.96
		1	1	**21.73**	21.53	21.30	21.25	21.46	21.26	**21.28**	21.23	21.09	20.65	20.84	20.85
		1	104	21.45	21.57	21.00	21.10	21.43	21.05	20.99	20.98	21.01	20.75	20.89	20.63
		1	105	21.47	21.37	21.22	21.24	**21.53**	21.06	21.26	21.10	21.02	20.94	**20.98**	20.82
		50	25	21.43	21.26	21.11	21.37	21.31	21.19	21.17	21.24	20.99	20.81	20.91	20.91
		100	0	21.37	21.24	21.10	21.38	21.32	21.24	21.17	**21.28**	21.02	20.79	20.94	20.88

OUTPUT POWER FOR 5G NR n66 (25.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				344500	349000	353500	344500	349000	353500	344500	349000	353500	344500	349000	353500
				1722.5	1745.0	1767.5	1722.5	1745.0	1767.5	1722.5	1745.0	1767.5	1722.5	1745.0	1767.5
25.0	BPSK	1	0	25.39	25.47	25.09	25.23	25.26	25.18	25.24	25.27	25.14	24.76	24.80	24.62
		1	1	25.54	**25.70**	25.34	25.52	25.42	25.32	25.41	**25.48**	25.25	24.82	**25.01**	24.87
		1	131	25.52	25.47	25.16	25.40	25.44	25.15	25.36	25.23	25.14	24.95	24.94	24.99
		1	132	25.30	25.25	24.93	25.28	25.13	24.99	25.27	24.92	24.96	24.79	24.82	24.74
		64	32	25.47	25.40	25.14	**25.53**	25.28	25.17	25.19	25.29	25.20	24.90	24.84	24.93
		128	0	25.28	25.18	24.96	25.22	25.09	25.02	25.06	25.05	24.94	24.59	24.67	24.70
	QPSK	1	0	24.90	24.86	24.57	24.89	24.79	24.73	24.67	24.71	24.63	24.39	24.24	24.27
		1	1	25.47	**25.55**	25.27	**25.70**	25.48	25.45	25.42	**25.50**	25.41	25.09	24.68	24.85
		1	131	25.43	25.41	25.20	25.66	25.45	25.40	25.31	25.28	25.28	**25.20**	24.90	25.02
		1	132	24.76	24.65	24.48	24.91	24.63	24.69	24.59	24.43	24.53	24.20	23.93	24.19
		64	32	25.45	25.39	25.25	25.49	25.35	25.37	25.20	25.28	25.23	24.84	24.93	24.92
		128	0	24.64	24.61	24.50	24.80	24.66	24.69	24.55	24.55	24.48	24.27	24.25	24.20
	16QAM	1	0	23.75	23.84	23.72	24.02	24.00	23.92	23.60	23.95	23.60	23.07	23.33	23.52
		1	1	24.80	24.86	**24.88**	24.85	24.81	24.73	24.39	**24.99**	24.47	24.18	24.10	24.18
		1	131	24.70	24.54	24.86	24.82	**24.91**	24.74	24.65	24.50	24.29	**24.45**	24.25	24.38
		1	132	23.47	23.63	23.62	23.90	23.74	23.97	23.54	23.64	23.40	23.22	23.18	23.65
		64	32	24.73	24.64	24.60	24.81	24.71	24.76	24.51	24.57	24.54	24.23	24.18	24.21
		128	0	23.71	23.58	23.56	23.76	23.78	23.75	23.52	23.51	23.46	23.21	23.20	23.25
	64QAM	1	0	23.67	23.63	23.52	23.19	23.02	23.01	22.91	23.12	22.73	23.12	23.19	22.89
		1	1	23.73	23.59	23.73	23.07	22.98	22.89	22.87	**23.18**	22.50	23.19	22.86	23.06
		1	131	**23.94**	23.69	23.28	23.05	22.82	22.97	22.66	23.01	22.62	23.16	23.26	22.82
		1	132	23.75	23.38	23.30	23.11	23.10	22.52	22.67	23.14	22.59	23.09	**23.35**	22.83
		64	32	23.19	23.11	23.06	23.21	23.18	23.11	22.99	23.02	22.87	22.70	22.72	22.82
		128	0	23.15	23.26	23.12	**23.22**	**23.22**	23.17	23.05	23.12	22.96	22.68	22.65	22.75
	256QAM	1	0	21.61	21.57	21.41	21.33	**21.80**	21.52	21.35	21.42	21.38	20.66	20.59	20.92
		1	1	21.64	21.41	21.20	21.54	21.71	21.64	21.31	21.25	21.36	20.76	20.55	20.83
		1	131	21.24	21.18	21.15	21.40	21.39	21.45	21.45	21.33	21.15	21.01	20.80	20.97
		1	132	**21.70**	21.34	21.27	21.39	21.45	21.09	**21.47**	21.39	21.34	20.89	**21.08**	20.84
		64	32	21.10	21.05	20.98	21.12	21.05	20.95	21.03	21.11	20.89	20.51	20.51	20.70
		128	0	21.16	21.12	21.04	21.13	21.03	21.01	21.01	21.08	20.91	20.55	20.61	20.59

OUTPUT POWER FOR 5G NR n66 (30.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				345000	349000	353000	345000	349000	353000	345000	349000	353000	345000	349000	353000
				1725.0	1745.0	1765.0	1725.0	1745.0	1765.0	1725.0	1745.0	1765.0	1725.0	1745.0	1765.0
30.0	BPSK	1	0	25.58	25.36	25.35	25.39	25.47	25.31	25.28	25.30	25.23	24.89	24.96	25.03
		1	1	**25.70**	25.51	25.62	25.55	**25.63**	25.44	**25.44**	25.39	25.40	25.08	25.00	25.10
		1	158	25.51	25.40	25.37	25.57	25.49	25.34	25.41	25.35	25.24	24.98	25.08	24.94
		1	159	25.29	25.26	25.21	25.38	25.31	25.24	25.19	25.16	25.06	24.76	24.92	24.85
		80	40	25.56	25.56	25.50	25.57	25.61	25.44	25.29	25.36	25.35	25.13	**25.16**	25.15
		160	0	25.40	25.39	25.38	25.48	25.50	25.31	25.25	25.18	25.20	25.01	25.07	25.01
	QPSK	1	0	24.97	24.86	24.89	24.88	25.09	24.62	24.65	24.71	24.77	24.32	24.35	24.41
		1	1	**25.61**	25.45	25.54	25.62	**25.70**	25.30	**25.50**	25.31	25.35	25.01	25.08	24.96
		1	158	25.46	25.40	25.42	25.42	25.43	25.47	25.49	25.23	25.24	25.06	25.14	24.91
		1	159	24.85	24.79	24.76	24.73	24.78	24.72	24.74	24.62	24.48	24.38	24.34	24.15
		80	40	25.58	25.57	25.55	25.59	25.40	25.51	25.43	25.43	25.35	**25.20**	25.19	**25.20**
		160	0	24.91	24.84	24.87	25.07	24.82	24.83	24.73	24.71	24.57	24.53	24.54	24.51
	16QAM	1	0	24.23	24.22	23.59	23.76	24.26	24.04	23.90	23.58	23.45	23.47	23.56	24.11
		1	1	**25.51**	25.05	24.70	24.81	**25.26**	24.72	24.80	24.49	24.48	24.51	24.43	**24.84**
		1	158	25.24	24.82	24.51	24.78	24.80	24.66	**24.87**	24.37	24.35	24.37	24.43	24.83
		1	159	24.26	24.02	23.49	23.65	24.12	23.71	23.89	23.39	23.28	23.57	23.43	23.72
		80	40	24.89	24.89	24.77	25.03	24.66	24.92	24.65	24.62	24.65	24.52	24.49	24.46
		160	0	23.87	23.98	23.83	24.06	24.02	24.00	23.77	23.69	23.67	23.50	23.54	23.50
	64QAM	1	0	23.74	23.84	23.65	23.40	**23.70**	23.52	23.26	**23.55**	23.22	**23.33**	23.14	23.07
		1	1	23.57	**24.00**	23.67	23.53	23.59	23.22	23.07	23.41	23.27	23.05	23.08	23.13
		1	158	23.59	23.91	23.55	23.33	23.45	23.46	23.13	23.24	23.05	23.11	23.30	22.71
		1	159	23.44	23.85	23.58	23.33	23.28	23.30	23.16	23.39	22.99	22.97	23.10	22.85
		80	40	23.38	23.42	23.33	23.52	23.43	23.37	23.19	23.14	23.06	22.98	22.93	22.89
		160	0	23.38	23.44	23.30	23.50	23.50	23.42	23.13	23.15	23.14	23.03	22.96	22.99
	256QAM	1	0	**22.05**	21.57	21.42	21.58	21.55	21.57	21.15	21.21	**21.31**	20.83	**21.52**	21.36
		1	1	22.00	21.61	21.55	21.36	21.45	**21.70**	21.13	21.26	21.29	20.78	21.42	21.31
		1	158	21.82	21.49	21.26	21.40	21.22	21.36	21.15	21.17	21.19	20.82	20.96	21.04
		1	159	21.44	21.24	21.35	21.46	21.15	21.17	20.95	21.13	21.19	20.93	21.31	21.37
		80	40	21.40	21.32	21.11	21.31	21.40	21.27	21.11	21.23	21.05	20.85	21.00	20.80
		160	0	21.32	21.40	21.26	21.42	21.41	21.37	21.28	21.28	21.26	20.99	21.01	21.04

OUTPUT POWER FOR 5G NR n66 (35.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				345500	349000	352500	345500	349000	352500	345500	349000	352500	345500	349000	352500
				1727.5	1745.0	1762.5	1727.5	1745.0	1762.5	1727.5	1745.0	1762.5	1727.5	1745.0	1762.5
35.0	BPSK	1	0	25.43	25.53	25.43	25.44	25.43	25.35	25.28	25.32	25.32	24.94	25.00	24.75
		1	1	25.57	**25.66**	25.41	25.46	25.50	**25.64**	25.33	**25.39**	**25.39**	24.97	24.94	**25.18**
		1	186	25.31	25.41	25.13	25.34	25.26	25.42	25.20	25.28	25.02	24.99	24.99	24.99
		1	187	25.12	25.15	25.14	25.14	25.15	25.23	25.17	24.96	24.87	24.74	24.71	24.81
		90	45	25.34	25.42	25.27	25.33	25.28	25.34	25.15	25.12	25.08	24.63	24.92	24.87
		180	0	25.18	25.24	25.07	25.13	25.10	25.21	25.01	24.97	24.95	24.41	24.70	24.75
	QPSK	1	0	24.96	24.96	24.96	24.89	24.98	24.93	24.63	24.75	24.72	24.09	24.64	24.42
		1	1	**25.70**	25.47	25.51	**25.70**	25.63	25.40	25.29	25.40	**25.50**	24.93	24.92	**25.20**
		1	186	25.45	25.37	25.20	25.31	25.44	25.47	25.36	25.19	25.23	25.07	24.85	24.84
		1	187	24.70	24.76	24.52	24.66	24.66	24.61	24.53	24.35	24.33	24.17	24.32	24.26
		90	45	25.36	25.40	25.26	25.40	25.26	25.29	25.21	25.20	25.16	24.67	24.83	24.94
		180	0	24.62	24.73	24.59	24.71	24.59	24.71	24.45	24.48	24.46	24.02	24.31	24.28
	16QAM	1	0	23.96	23.95	23.91	24.24	24.05	24.48	24.08	23.31	23.67	23.18	23.17	23.31
		1	1	24.67	24.72	**25.16**	**25.39**	25.19	25.20	**24.90**	24.32	24.82	24.01	24.11	24.04
		1	186	24.81	24.45	24.65	24.61	24.85	25.15	24.62	24.49	24.65	23.92	24.01	24.09
		1	187	23.71	23.47	23.80	23.81	23.85	24.43	23.81	23.19	23.52	22.91	23.26	23.06
		90	45	24.65	24.72	24.56	24.83	24.60	24.63	24.48	24.60	24.34	24.05	24.12	**24.16**
		180	0	23.69	23.68	23.69	23.81	23.64	23.63	23.49	23.52	23.42	23.07	23.21	23.21
	64QAM	1	0	23.83	23.73	23.57	23.26	**23.46**	23.12	**23.26**	23.21	22.70	23.22	23.06	**23.56**
		1	1	23.62	**23.86**	23.33	23.03	23.33	23.06	22.95	22.81	22.64	23.02	22.56	23.39
		1	186	23.54	23.32	22.94	22.91	22.79	22.79	22.69	22.70	22.49	23.37	22.77	23.33
		1	187	23.49	23.63	23.18	22.65	22.90	22.80	22.72	22.71	22.37	23.12	22.68	23.40
		90	45	23.16	23.17	23.01	23.26	23.14	23.22	22.90	22.99	22.85	22.59	22.66	22.79
		180	0	23.20	23.22	23.10	23.28	23.22	23.23	23.07	22.89	22.88	22.64	22.68	22.94
	256QAM	1	0	21.60	21.77	21.31	21.58	21.79	**21.92**	21.49	**21.78**	21.63	20.89	20.62	21.45
		1	1	21.68	**21.82**	21.27	21.89	21.72	21.66	21.56	21.47	21.69	20.61	20.36	**21.55**
		1	186	21.26	21.54	20.95	21.26	21.55	21.33	21.41	21.36	21.06	20.72	20.47	20.97
		1	187	21.60	21.33	21.06	21.67	21.57	21.59	21.46	21.33	21.51	21.16	20.73	20.92
		90	45	21.08	21.06	20.94	21.21	21.20	21.17	20.99	20.98	20.86	20.56	20.58	20.75
		180	0	21.26	21.14	21.01	21.25	21.21	21.23	21.06	21.02	20.89	20.57	20.65	20.82

OUTPUT POWER FOR 5G NR n66 (40.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				346000	349000	352000	346000	349000	352000	346000	349000	352000	346000	349000	352000
				1730.0	1745.0	1760.0	1730.0	1745.0	1760.0	1730.0	1745.0	1760.0	1730.0	1745.0	1760.0
40.0	BPSK	1	0	25.45	25.61	25.49	25.38	25.58	25.57	25.27	25.31	25.33	24.77	24.96	25.06
		1	1	25.59	25.41	25.58	25.56	**25.70**	25.47	**25.49**	25.39	25.47	24.90	25.00	25.10
		1	214	25.54	25.47	25.44	25.51	25.65	25.50	25.45	25.26	25.32	24.96	25.05	24.97
		1	215	25.47	25.16	25.27	25.29	25.34	25.26	25.18	25.08	25.17	24.77	24.82	24.78
		108	54	**25.63**	25.46	25.50	25.49	25.53	25.37	25.44	25.44	25.29	25.02	25.01	**25.11**
		216	0	25.47	25.29	25.37	25.37	25.37	25.32	25.26	25.26	25.17	24.94	24.94	24.94
	QPSK	1	0	24.94	25.13	24.93	24.97	25.09	24.93	24.81	24.69	24.73	24.23	24.56	24.31
		1	1	25.46	**25.70**	25.50	25.57	**25.67**	25.50	**25.50**	25.33	25.34	24.94	**25.20**	24.96
		1	214	25.40	**25.70**	25.37	24.99	25.54	25.56	25.34	25.31	24.79	24.95	25.15	24.92
		1	215	24.74	24.87	24.66	24.33	24.92	24.78	24.66	24.63	23.69	24.23	24.41	24.23
		108	54	25.65	25.57	25.53	25.57	25.34	25.43	25.48	25.47	25.33	25.08	25.05	25.14
		216	0	24.99	24.85	24.83	24.96	24.86	24.83	24.77	24.73	24.65	24.42	24.48	24.45
	16QAM	1	0	24.00	23.93	23.95	24.05	24.21	23.32	24.01	23.48	23.83	23.67	23.66	23.74
		1	1	**24.95**	24.77	24.80	**24.90**	24.89	24.17	24.73	24.51	24.72	24.49	**24.61**	24.50
		1	214	24.73	24.55	24.69	24.27	24.85	24.17	**24.93**	24.42	24.45	24.23	**24.61**	24.38
		1	215	23.95	23.50	23.90	23.68	23.90	23.40	23.76	23.35	23.68	23.61	23.71	23.32
		108	54	24.93	24.92	24.82	24.83	24.65	24.81	24.72	24.74	24.72	24.38	24.40	24.46
		216	0	23.99	23.89	23.81	23.99	23.95	23.81	23.75	23.72	23.75	23.40	23.46	23.47
	64QAM	1	0	23.82	23.88	23.70	**24.04**	23.35	23.19	23.35	**23.39**	23.33	22.99	23.07	23.13
		1	1	23.70	**24.00**	23.42	23.54	23.18	23.50	23.10	23.16	23.29	23.11	22.96	23.02
		1	214	23.49	23.71	23.14	23.47	23.23	22.97	23.18	23.11	23.23	23.07	**23.31**	22.74
		1	215	23.49	23.86	23.33	23.35	23.25	23.22	23.34	23.12	23.25	23.17	22.97	23.06
		108	54	23.41	23.37	23.42	23.37	23.32	23.32	23.17	23.28	23.15	22.86	22.90	22.91
		216	0	23.48	23.40	23.38	23.43	23.42	23.41	23.23	23.36	23.26	22.93	22.96	22.96
	256QAM	1	0	**21.84**	21.67	21.67	21.13	21.28	**21.50**	21.62	**21.92**	21.56	21.08	**21.57**	21.17
		1	1	21.72	21.66	21.67	21.31	21.25	21.12	21.46	21.68	21.70	21.12	21.12	21.27
		1	214	21.55	21.51	21.63	20.78	21.20	21.24	21.18	21.67	21.35	21.12	21.35	20.97
		1	215	21.41	21.35	21.77	21.05	21.11	21.20	21.36	21.39	21.32	20.97	21.21	21.08
		108	54	21.27	21.34	21.31	21.31	21.27	21.33	21.26	21.34	21.18	20.92	20.96	20.90
		216	0	21.35	21.39	21.32	21.34	21.35	21.34	21.33	21.32	21.21	20.96	20.95	20.89

8.13. 5G NR n70

Test Engineer ID:	28774	Test Date:	4/26/2023

OUTPUT POWER FOR 5G NR n70 (5.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				339500	340500	341500	339500	340500	341500	339500	340500	341500	339500	340500	341500
				1697.5	1702.5	1707.5	1697.5	1702.5	1707.5	1697.5	1702.5	1707.5	1697.5	1702.5	1707.5
5.0	BPSK	1	0	25.51	25.41	25.29	25.33	25.39	25.27	25.20	25.12	25.05	24.76	24.89	24.91
		1	1	**25.68**	25.62	25.52	25.67	25.57	25.54	**25.42**	25.38	25.37	25.02	25.09	**25.20**
		1	23	25.66	25.61	25.45	**25.70**	25.59	25.51	25.41	25.31	25.30	25.00	25.06	25.19
		1	24	25.41	25.38	25.25	25.47	25.38	25.33	25.20	25.11	25.11	24.78	24.92	24.91
		12	6	25.59	25.55	25.48	25.53	25.58	25.56	25.37	25.32	25.31	25.01	25.03	25.03
		25	0	25.41	25.31	25.25	25.35	25.33	25.30	25.08	25.10	25.07	24.86	24.84	24.84
	QPSK	1	0	24.99	24.88	24.82	24.83	24.84	24.98	24.64	24.67	24.65	24.31	24.30	24.36
		1	1	**25.70**	25.58	25.59	25.53	25.63	**25.70**	**25.50**	25.36	25.40	25.01	25.02	25.03
		1	23	25.60	25.53	25.47	25.50	25.58	25.67	25.45	25.31	25.38	24.99	25.01	25.03
		1	24	24.91	24.82	24.81	24.81	24.92	24.95	24.62	24.62	24.61	24.32	24.26	24.33
		12	6	25.58	25.63	25.51	25.62	25.64	25.63	25.37	25.43	25.34	**25.10**	25.09	25.08
		25	0	24.94	24.90	24.79	24.89	24.88	24.85	24.63	24.64	24.59	24.35	24.41	24.37
	16QAM	1	0	24.00	23.82	23.74	23.96	24.14	23.96	23.74	23.36	23.83	23.30	23.63	23.27
		1	1	**25.07**	24.83	24.76	25.07	**25.15**	24.92	24.69	24.45	24.77	24.43	24.64	24.34
		1	23	25.04	24.79	24.71	24.98	25.13	24.92	24.67	24.39	**24.78**	24.46	**24.66**	24.30
		1	24	23.96	23.75	23.67	23.95	23.99	23.90	23.69	23.42	23.80	23.45	23.65	23.18
		12	6	24.92	24.83	24.79	25.11	24.93	25.05	24.56	24.64	24.64	24.46	24.34	24.25
		25	0	23.86	23.78	23.74	23.87	23.96	23.90	23.59	23.63	23.64	23.39	23.39	23.39
	64QAM	1	0	23.41	23.50	23.53	23.60	**23.68**	23.62	23.22	23.25	23.09	22.55	22.78	22.74
		1	1	23.48	23.47	**23.57**	23.64	23.64	23.62	23.20	**23.29**	23.16	22.50	22.81	22.62
		1	23	23.35	23.43	23.56	23.60	23.65	23.60	23.18	23.21	23.15	22.62	22.76	22.66
		1	24	23.33	23.44	23.54	23.60	23.61	23.54	23.24	23.22	23.15	22.36	22.59	22.62
		12	6	23.27	23.26	23.22	23.37	23.28	23.41	23.16	23.06	23.10	22.92	22.80	22.81
		25	0	23.37	23.39	23.29	23.40	23.43	23.41	23.15	23.09	23.07	**22.97**	22.85	22.76
	256QAM	1	0	21.20	21.13	21.40	21.68	21.63	21.45	21.34	21.20	21.15	21.06	21.34	21.13
		1	1	21.19	21.17	**21.44**	**21.69**	21.68	21.50	**21.37**	21.22	21.23	21.28	21.37	21.05
		1	23	21.13	21.12	21.38	21.65	21.67	21.38	21.32	21.23	21.16	21.02	**21.43**	21.11
		1	24	21.09	21.18	21.36	21.63	21.59	21.29	21.31	21.15	21.08	21.08	21.28	21.17
		12	6	21.29	21.16	21.27	21.33	21.18	21.19	21.11	21.06	20.97	20.86	20.83	20.76
		25	0	21.34	21.31	21.30	21.33	21.37	21.32	21.11	21.11	21.02	20.83	20.80	20.78

OUTPUT POWER FOR 5G NR n70 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				340000	340500	341000	340000	340500	341000	340000	340500	341000	340000	340500	341000
				1700.0	1702.5	1705.0	1700.0	1702.5	1705.0	1700.0	1702.5	1705.0	1700.0	1702.5	1705.0
10.0	BPSK	1	0	25.44	25.39	25.38	25.01	25.11	25.13	25.07	25.18	25.15	24.81	24.85	24.87
		1	1	**25.67**	25.63	25.62	25.25	25.33	25.33	25.37	**25.43**	25.38	25.04	25.13	**25.16**
		1	50	25.55	25.58	25.52	25.24	25.29	25.27	25.34	25.35	25.31	24.99	25.07	25.08
		1	51	25.34	25.30	25.29	25.04	25.10	25.04	25.06	25.14	25.10	24.78	24.85	24.89
		25	12	25.59	25.61	25.59	**25.36**	**25.36**	25.30	25.36	25.40	25.38	25.08	25.03	25.06
		50	0	25.45	25.44	25.43	25.11	25.13	25.12	25.20	25.21	25.16	24.91	24.87	24.90
	QPSK	1	0	25.01	24.92	24.90	24.87	24.59	24.68	24.73	24.65	24.70	24.36	24.40	24.50
		1	1	**25.70**	25.65	25.58	**25.70**	25.35	25.49	25.47	**25.50**	25.46	25.06	25.04	25.17
		1	50	25.59	25.55	25.52	25.56	25.30	25.37	25.40	25.41	25.42	25.02	24.98	**25.20**
		1	51	24.83	24.85	24.80	24.78	24.58	24.65	24.64	24.67	24.66	24.32	24.39	24.38
		25	12	25.62	25.60	25.63	25.36	25.36	25.39	25.38	25.43	25.41	25.19	25.17	25.15
		50	0	24.94	24.92	24.87	24.68	24.70	24.74	24.68	24.69	24.68	24.44	24.41	24.37
	16QAM	1	0	23.99	23.74	23.81	23.79	23.36	23.63	23.63	23.76	23.36	23.55	23.77	23.49
		1	1	24.99	24.79	24.81	24.71	24.40	24.58	**24.80**	**24.80**	24.31	24.75	24.75	24.37
		1	50	**25.04**	24.74	24.77	**24.82**	24.31	24.58	24.67	24.71	24.32	24.65	**24.83**	24.50
		1	51	23.84	23.71	23.78	23.82	23.20	23.58	23.60	23.64	23.33	23.42	23.69	23.36
		25	12	24.87	24.89	24.91	24.62	24.67	24.76	24.52	24.62	24.66	24.38	24.35	24.34
		50	0	23.95	23.91	23.89	23.70	23.65	23.74	23.66	23.72	23.75	23.49	23.40	23.39
	64QAM	1	0	**23.45**	23.31	**23.45**	23.50	23.62	23.39	23.24	23.26	22.91	22.54	22.79	22.39
		1	1	23.37	**23.45**	23.42	23.62	**23.74**	23.44	**23.33**	23.26	23.01	22.73	22.80	22.50
		1	50	23.24	23.28	23.34	23.44	23.64	23.15	23.22	23.15	22.86	22.67	22.92	22.52
		1	51	23.28	23.26	23.29	23.48	23.64	23.20	23.18	23.27	22.87	22.62	22.89	22.25
		25	12	23.42	23.38	23.42	23.21	23.17	23.18	23.15	23.17	23.13	**22.98**	22.97	22.83
		50	0	23.42	23.41	23.41	23.15	23.10	23.18	23.17	23.14	23.15	22.93	22.89	22.83
	256QAM	1	0	21.39	21.49	21.28	**21.35**	21.33	21.28	21.10	21.12	20.93	21.27	21.25	21.27
		1	1	21.43	**21.59**	21.20	21.24	21.25	21.29	20.99	21.11	20.94	21.25	21.23	21.28
		1	50	21.28	21.45	21.21	21.25	21.18	21.23	21.12	21.13	20.96	21.22	21.14	**21.34**
		1	51	21.24	21.46	21.21	21.20	21.24	21.20	21.07	21.11	20.90	21.28	21.20	21.24
		25	12	21.45	21.36	21.32	21.11	21.11	21.04	**21.17**	21.16	21.14	20.83	20.83	20.69
		50	0	21.40	21.39	21.37	21.14	21.07	21.09	21.13	21.15	21.13	20.83	20.91	20.80

OUTPUT POWER FOR 5G NR n70 (15.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				N/A	340500	N/A	N/A	340500	N/A	N/A	340500	N/A	N/A	340500	N/A
				N/A	1702.5	N/A	N/A	1702.5	N/A	N/A	1702.5	N/A	N/A	1702.5	N/A
15.0	BPSK	1	0		25.39			25.26			25.22			24.85	
		1	1		**25.66**			**25.47**			**25.50**			25.09	
		1	77		25.57			**25.47**			25.42			**25.10**	
		1	78		25.37			25.26			25.12			24.86	
		36	18		25.50			25.45			25.36			24.99	
		75	0		25.35			25.26			25.23			24.80	
	QPSK	1	0		25.01			25.02			24.80			24.39	
		1	1		**25.70**			**25.70**			**25.50**			**25.20**	
		1	77		25.60			25.64			25.47			25.15	
		1	78		24.86			24.86			24.74			24.41	
		36	18		25.55			25.45			25.42			25.04	
		75	0		24.89			24.77			24.73			24.35	
	16QAM	1	0		23.77			24.09			23.85			23.38	
		1	1		24.90			**25.17**			24.88			**24.49**	
		1	77		24.65			25.05			**24.89**			24.28	
		1	78		23.65			24.02			23.81			23.26	
		36	18		**24.95**			24.77			24.68			24.37	
		75	0		23.83			23.82			23.74			23.42	
	64QAM	1	0		23.23			**23.60**			23.21			22.73	
		1	1		23.27			23.41			**23.29**			22.87	
		1	77		23.16			23.50			23.24			22.70	
		1	78		23.12			23.57			23.17			22.58	
		36	18		**23.34**			23.27			23.19			22.89	
		75	0		23.28			23.31			23.20			**22.90**	
	256QAM	1	0		21.28			**21.47**			21.56			21.16	
		1	1		21.20			21.45			**21.58**			21.35	
		1	77		21.26			21.16			21.41			**21.49**	
		1	78		21.10			21.19			21.40			21.16	
		36	18		**21.34**			21.33			21.23			20.77	
		75	0		21.26			21.26			21.13			20.76	

8.14. LTE BAND 71 AND 5G NR n71

LTE BAND 71

Test Engineer ID:	25780	Test Date:	3/29/2023

OUTPUT POWER FOR LTE BAND 71 (5.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 1			ANT 2			ANT 3		
				133147	133297	133447	133147	133297	133447	133147	133297	133447
				665.5	680.5	695.5	665.5	680.5	695.5	665.5	680.5	695.5
5.0	QPSK	1	0	25.61	25.51	25.46	24.60	24.55	24.59	25.25	25.25	25.19
		1	12	**25.70**	25.63	25.55	**24.70**	24.66	24.67	25.39	**25.40**	25.22
		1	24	25.55	25.49	25.35	24.60	24.54	24.54	25.25	25.25	25.06
		12	0	24.86	24.79	24.78	23.60	23.56	23.60	24.22	24.27	24.21
		12	6	24.95	24.88	24.76	23.67	23.67	23.64	24.32	24.36	24.22
		12	11	24.90	24.88	24.74	23.66	23.64	23.58	24.29	24.32	24.19
		25	0	24.91	24.85	24.76	23.63	23.60	23.61	24.30	24.31	24.16
	16QAM	1	0	25.27	25.16	25.13	23.93	23.97	23.94	24.64	24.63	24.57
		1	12	**25.36**	**25.36**	25.24	24.06	**24.10**	24.08	**24.81**	24.71	24.68
		1	24	25.20	25.13	25.02	23.95	23.92	23.91	24.60	24.59	24.47
		12	0	23.99	23.90	23.78	22.55	22.65	22.69	23.25	23.36	23.28
		12	6	24.11	24.01	23.78	22.63	22.73	22.71	23.36	23.46	23.30
		12	11	24.05	23.95	23.72	22.60	22.69	22.68	23.33	23.42	23.22
		25	0	23.87	23.87	23.78	22.68	22.64	22.66	23.33	23.31	23.18
	64QAM	1	0	**24.00**	23.92	23.95	22.83	22.81	22.90	23.58	23.58	23.56
		1	12	23.99	23.98	23.91	22.86	22.88	**22.97**	**23.64**	23.61	23.48
		1	24	23.94	23.87	23.80	22.75	22.87	22.79	23.52	23.51	23.34
		12	0	22.88	22.80	22.81	21.56	21.56	21.75	22.23	22.27	22.33
		12	6	22.96	22.91	22.81	21.68	21.67	21.76	22.37	22.36	22.33
		12	11	22.91	22.86	22.76	21.63	21.64	21.70	22.32	22.30	22.25
		25	0	22.93	22.85	22.77	21.63	21.62	21.61	22.31	22.30	22.18
	256QAM	1	0	21.01	20.94	20.84	19.61	19.61	19.70	20.28	20.32	20.31
		1	12	**21.11**	21.05	20.88	19.74	**19.76**	19.68	20.39	**20.48**	20.29
		1	24	21.04	20.95	20.77	19.63	19.67	19.57	20.32	20.34	20.18
		12	0	20.86	20.78	20.77	19.58	19.56	19.64	20.21	20.26	20.21
		12	6	20.92	20.88	20.81	19.69	19.66	19.65	20.31	20.36	20.22
		12	11	20.89	20.83	20.77	19.65	19.64	19.61	20.26	20.32	20.17
		25	0	20.90	20.85	20.74	19.65	19.64	19.59	20.28	20.30	20.19

OUTPUT POWER FOR LTE BAND 71 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 1			ANT 2			ANT 3		
				133172	133322	133422	133172	133322	133422	133172	133322	133422
				668.0	683.0	693.0	668.0	683.0	693.0	668.0	683.0	693.0
10.0	QPSK	1	0	**25.70**	25.61	25.62	24.67	24.68	**24.70**	25.32	**25.40**	25.36
		1	24	25.69	25.62	25.59	24.69	**24.70**	24.68	25.33	25.37	25.31
		1	49	25.61	25.51	25.47	24.62	24.60	24.60	25.24	25.24	25.14
		25	0	24.96	24.89	24.86	23.66	23.61	23.65	24.30	24.34	24.30
		25	12	25.01	24.93	24.84	23.72	23.71	23.67	24.38	24.37	24.29
		25	24	24.93	24.89	24.85	23.68	23.64	23.70	24.32	24.33	24.28
		50	0	24.98	24.91	24.82	23.71	23.69	23.66	24.35	24.38	24.27
	16QAM	1	0	**25.44**	25.38	25.42	**24.12**	24.04	24.07	24.72	**24.74**	24.70
		1	24	25.25	25.27	25.23	23.98	24.02	23.99	24.59	24.62	24.59
		1	49	25.21	25.21	25.19	23.90	24.00	24.00	24.60	24.57	24.51
		25	0	23.99	23.89	23.90	22.70	22.69	22.68	23.34	23.39	23.32
		25	12	24.04	23.96	23.87	22.79	22.77	22.67	23.43	23.43	23.30
		25	24	24.01	23.90	23.89	22.70	22.70	22.69	23.37	23.39	23.27
		50	0	23.99	23.93	23.84	22.73	22.72	22.66	23.37	23.37	23.28
	64QAM	1	0	**24.24**	24.15	24.13	22.89	22.98	**23.04**	23.62	23.61	**23.70**
		1	24	24.21	24.12	24.09	22.91	22.98	23.02	23.59	23.66	23.64
		1	49	24.11	23.98	23.95	22.85	22.87	22.95	23.55	23.54	23.45
		25	0	22.94	22.89	22.87	21.68	21.65	21.65	22.33	22.35	22.32
		25	12	22.98	22.93	22.85	21.76	21.73	21.68	22.39	22.39	22.30
		25	24	22.94	22.89	22.86	21.68	21.69	21.68	22.36	22.36	22.28
		50	0	23.01	22.91	22.83	21.67	21.69	21.64	22.36	22.38	22.26
	256QAM	1	0	21.01	20.95	20.96	19.77	19.71	19.76	20.36	20.48	20.41
		1	24	**21.06**	**21.06**	21.02	**19.89**	19.75	19.84	20.42	**20.53**	20.51
		1	49	21.01	20.95	20.87	19.82	19.68	19.73	20.40	20.40	20.29
		25	0	20.91	20.83	20.85	19.65	19.64	19.64	20.29	20.32	20.28
		25	12	20.99	20.92	20.84	19.77	19.71	19.64	20.36	20.40	20.27
		25	24	20.91	20.88	20.86	19.67	19.67	19.67	20.31	20.33	20.25
		50	0	20.95	20.89	20.83	19.70	19.68	19.65	20.30	20.35	20.24

OUTPUT POWER FOR LTE BAND 71 (15.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 1			ANT 2			ANT 3		
				133197	133297	133397	133197	133297	133397	133197	133297	133397
				670.5	680.5	690.5	670.5	680.5	690.5	670.5	680.5	690.5
15.0	QPSK	1	0	25.69	25.62	25.65	24.68	24.65	24.63	25.35	25.39	**25.40**
		1	37	**25.70**	25.64	25.61	24.67	24.67	**24.70**	25.35	25.39	25.35
		1	74	25.62	25.55	25.41	24.58	24.59	24.51	25.31	25.27	25.16
		36	0	25.01	24.97	24.96	23.71	23.69	23.66	24.36	24.41	24.40
		36	16	25.03	25.02	24.92	23.77	23.74	23.65	24.41	24.46	24.34
		36	35	24.98	24.94	24.90	23.70	23.69	23.68	24.38	24.38	24.32
		75	0	25.04	25.00	24.92	23.76	23.71	23.67	24.44	24.43	24.33
	16QAM	1	0	25.30	**25.31**	25.24	23.92	23.94	23.89	24.56	24.57	24.64
		1	37	25.22	25.22	25.25	23.98	**24.01**	23.99	24.60	**24.72**	24.59
		1	74	25.18	25.20	25.06	23.83	23.81	23.79	24.53	24.53	24.38
		36	0	24.03	24.00	23.96	22.74	22.70	22.70	23.38	23.45	23.41
		36	16	24.06	24.05	23.95	22.79	22.76	22.70	23.44	23.49	23.38
		36	35	24.02	23.98	23.94	22.74	22.72	22.74	23.40	23.41	23.35
		75	0	24.07	24.02	23.95	22.77	22.74	22.72	23.45	23.46	23.38
	64QAM	1	0	24.15	24.05	24.11	22.92	22.89	**23.00**	23.63	23.64	**23.72**
		1	37	**24.18**	24.05	24.12	22.95	22.91	22.98	23.66	23.69	23.64
		1	74	24.06	24.01	23.95	22.88	22.83	22.82	23.59	23.54	23.46
		36	0	23.00	22.95	22.99	21.71	21.67	21.68	22.38	22.41	22.40
		36	16	23.07	23.03	22.94	21.77	21.76	21.67	22.43	22.48	22.36
		36	35	22.99	22.95	22.94	21.71	21.68	21.68	22.38	22.40	22.35
		75	0	23.05	22.99	22.97	21.79	21.74	21.68	22.46	22.46	22.35
	256QAM	1	0	21.02	21.00	20.98	19.77	19.76	19.74	20.47	20.45	20.55
		1	37	21.02	21.02	20.96	19.80	19.83	19.82	20.51	20.49	20.55
		1	74	21.05	21.02	20.92	**19.92**	19.88	19.80	**20.58**	20.49	20.38
		36	0	21.00	20.98	21.00	19.73	19.70	19.70	20.37	20.42	20.42
		36	16	21.02	21.00	20.89	19.77	19.72	19.67	20.41	20.43	20.34
		36	35	21.01	20.97	20.94	19.73	19.71	19.71	20.38	20.37	20.33
		75	0	**21.06**	21.01	20.95	19.80	19.75	19.70	20.42	20.45	20.36

OUTPUT POWER FOR LTE BAND 71 (20.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 1			ANT 2			ANT 3		
				133222	133322	133372	133222	133322	133372	133222	133322	133372
				673.0	683.0	688.0	673.0	683.0	688.0	673.0	683.0	688.0
20.0	QPSK	1	0	25.69	**25.70**	25.67	24.69	24.66	**24.70**	25.31	25.35	**25.40**
		1	49	25.65	25.64	25.67	24.65	24.61	24.66	25.31	25.33	25.26
		1	99	25.58	25.61	25.52	24.55	24.62	24.52	25.21	25.17	25.02
		50	0	25.04	25.02	25.03	23.72	23.72	23.72	24.34	24.39	24.37
		50	24	25.09	25.04	25.06	23.76	23.76	23.68	24.37	24.41	24.37
		50	49	24.99	24.93	24.96	23.68	23.68	23.69	24.31	24.30	24.23
		100	0	25.10	25.06	24.99	23.77	23.76	23.68	24.40	24.39	24.30
	16QAM	1	0	25.36	25.24	25.26	24.08	24.10	23.91	24.56	24.60	24.66
		1	49	**25.53**	25.37	25.34	**24.22**	24.11	24.04	24.70	**24.79**	24.70
		1	99	25.26	25.16	25.11	23.90	23.93	23.74	24.51	24.41	24.28
		50	0	24.06	24.02	24.02	22.75	22.73	22.74	23.37	23.40	23.37
		50	24	24.10	24.06	24.05	22.79	22.78	22.71	23.39	23.42	23.39
		50	49	24.03	23.96	23.96	22.71	22.69	22.72	23.33	23.31	23.26
		100	0	24.12	24.04	23.99	22.80	22.79	22.70	23.42	23.39	23.29
	64QAM	1	0	24.20	24.28	24.37	23.01	22.93	**23.03**	23.49	23.55	23.57
		1	49	24.42	24.21	**24.46**	**23.03**	23.02	23.00	23.62	**23.68**	23.58
		1	99	24.05	24.11	24.20	22.87	22.84	22.72	23.46	23.43	23.27
		50	0	23.03	23.00	23.01	21.75	21.73	21.73	22.33	22.37	22.34
		50	24	23.07	23.04	23.04	21.78	21.77	21.70	22.39	22.38	22.36
		50	49	22.99	22.94	22.95	21.71	21.67	21.70	22.31	22.30	22.23
		100	0	23.07	22.90	22.98	21.79	21.77	21.73	22.43	22.40	22.30
	256QAM	1	0	21.20	21.18	21.18	**19.96**	19.91	19.85	20.43	20.48	**20.56**
		1	49	21.12	21.12	21.11	19.95	19.86	19.81	20.39	20.41	20.45
		1	99	21.16	**21.21**	21.14	**19.96**	19.94	19.82	20.46	20.44	20.34
		50	0	21.01	21.02	21.03	19.76	19.75	19.75	20.31	20.35	20.33
		50	24	21.06	21.05	21.06	19.80	19.79	19.72	20.35	20.36	20.35
		50	49	21.02	20.84	20.99	19.76	19.74	19.77	20.31	20.28	20.26
		100	0	21.07	20.92	20.99	19.80	19.78	19.72	20.39	20.36	20.28

5G NR n71

Test Engineer ID:	12482	Test Date:	3/27/2023

OUTPUT POWER FOR 5G NR n71 (5.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 1			ANT 2			ANT 3		
				133100	136100	139100	133100	136100	139100	133100	136100	139100
				665.5	680.5	695.5	665.5	680.5	695.5	665.5	680.5	695.5
5.0	BPSK	1	0	25.34	25.26	25.00	24.39	24.26	24.07	25.16	25.01	24.92
		1	1	**25.64**	25.36	25.25	**24.60**	24.54	24.31	**25.40**	25.09	25.15
		1	23	25.50	25.40	25.16	24.59	24.50	24.23	25.30	25.14	24.97
		1	24	25.40	25.23	24.95	24.18	24.25	24.06	25.04	24.92	24.84
		12	6	**25.64**	25.43	25.16	24.51	**24.60**	24.27	25.27	25.20	25.05
		25	0	25.39	25.14	24.91	24.26	24.30	24.00	25.07	24.93	24.81
	QPSK	1	0	23.82	24.68	24.52	23.83	23.77	23.54	23.55	24.49	24.39
		1	1	24.87	25.42	25.23	24.51	24.57	24.39	24.56	25.11	25.11
		1	23	**25.70**	25.41	25.16	24.48	**24.70**	24.30	**25.32**	25.18	25.05
		1	24	24.81	24.57	24.43	23.79	23.76	23.48	24.63	24.38	24.33
		12	6	25.59	25.40	25.16	24.54	24.60	24.34	**25.32**	25.19	25.06
		25	0	24.54	24.67	24.44	23.80	23.86	23.57	24.46	24.44	24.37
	16QAM	1	0	22.93	23.88	23.49	22.99	22.55	22.77	22.94	23.88	23.37
		1	1	24.03	24.74	24.54	**24.07**	**24.07**	23.73	24.03	24.74	24.45
		1	23	**24.87**	24.79	24.49	23.75	24.01	23.68	24.68	**24.78**	24.35
		1	24	23.86	23.73	23.39	22.90	22.78	22.47	23.68	23.69	23.34
		12	6	24.53	24.61	24.51	23.86	23.90	23.72	24.35	24.43	24.35
		25	0	23.50	23.61	23.47	22.76	22.84	22.65	23.40	23.50	23.25
	64QAM	1	0	22.23	22.86	22.70	22.36	22.55	21.95	21.98	22.63	22.43
		1	1	22.30	22.87	22.71	22.48	22.55	22.37	22.06	22.74	22.51
		1	23	23.08	22.80	22.64	**22.89**	22.54	22.15	22.91	22.70	22.26
		1	24	23.00	22.79	22.63	22.64	22.41	22.17	22.77	22.59	22.20
		12	6	23.09	**23.16**	23.04	22.17	22.33	22.16	22.68	**23.06**	22.78
		25	0	23.14	23.09	22.91	22.30	22.41	22.22	22.68	**23.06**	22.77
	256QAM	1	0	21.28	21.35	21.28	**20.55**	20.44	20.33	20.89	21.08	20.97
		1	1	21.26	21.27	21.12	20.23	20.18	20.33	20.83	20.96	21.01
		1	23	**21.58**	21.33	21.16	20.25	20.16	20.41	**21.37**	21.04	21.07
		1	24	**21.58**	21.36	21.22	20.03	20.44	20.01	21.25	21.05	20.98
		12	6	21.30	21.01	20.94	20.27	20.25	20.14	21.07	20.95	20.86
		25	0	21.31	21.03	20.96	20.21	20.28	20.17	21.04	20.93	20.78

OUTPUT POWER FOR 5G NR n71 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 1			ANT 2			ANT 3		
				133600	136600	138600	133600	136600	138600	133600	136600	138600
				668.0	683.0	693.0	668.0	683.0	693.0	668.0	683.0	693.0
10.0	BPSK	1	0	25.47	25.27	25.27	24.40	24.40	24.42	25.16	25.02	25.07
		1	1	**25.70**	25.43	25.46	24.59	24.48	24.66	**25.40**	25.16	25.28
		1	50	25.59	25.51	25.21	24.49	24.59	24.44	25.16	25.22	25.10
		1	51	25.34	25.25	25.03	24.27	24.44	24.25	24.96	24.98	24.96
		25	12	25.55	25.41	25.22	24.48	**24.68**	24.44	25.22	25.18	25.12
		50	0	25.38	25.22	25.08	24.34	24.51	24.24	25.08	24.94	24.95
	QPSK	1	0	23.76	24.93	24.67	23.87	23.83	23.95	23.46	24.50	24.57
		1	1	24.81	25.45	25.42	**24.70**	24.58	24.58	24.55	25.18	25.26
		1	50	25.56	25.51	25.20	24.48	24.68	24.46	**25.29**	25.26	25.06
		1	51	24.85	24.83	24.49	23.72	24.10	23.74	24.46	24.48	24.32
		25	12	**25.57**	25.45	25.33	24.49	24.67	24.48	25.28	25.24	25.11
		50	0	24.90	24.79	24.60	23.79	24.03	23.77	24.58	24.51	24.35
	16QAM	1	0	22.92	24.07	23.74	22.70	22.67	23.09	23.14	23.95	23.19
		1	1	23.85	24.72	24.72	24.13	**24.44**	23.98	24.14	24.67	24.16
		1	50	24.64	24.86	24.55	23.62	23.80	23.91	24.75	**24.86**	23.90
		1	51	23.62	23.84	23.56	22.68	23.08	22.65	23.78	23.90	22.91
		25	12	24.81	**24.87**	24.60	23.81	23.94	23.81	24.59	24.45	24.36
		50	0	23.80	23.72	23.55	22.83	22.93	22.86	23.62	23.46	23.33
	64QAM	1	0	22.13	23.28	22.89	22.43	**22.75**	22.71	21.98	22.99	22.70
		1	1	22.02	23.16	22.88	22.56	22.44	22.60	22.11	22.92	22.65
		1	50	22.99	23.22	22.60	22.34	22.62	22.41	22.71	22.96	22.28
		1	51	22.82	23.23	22.64	22.53	22.62	22.16	22.61	22.91	22.36
		25	12	**23.33**	23.28	23.17	22.40	22.44	22.30	23.03	23.01	22.79
		50	0	23.30	23.27	23.12	22.30	22.49	22.35	**23.06**	23.04	22.87
	256QAM	1	0	21.03	21.59	**21.63**	20.53	20.40	20.46	20.60	**21.28**	21.04
		1	1	21.16	21.48	21.47	**20.59**	20.23	20.40	20.74	**21.28**	21.12
		1	50	21.41	21.52	21.41	20.25	20.26	20.27	21.12	21.09	20.96
		1	51	21.30	21.62	21.29	20.27	20.43	20.18	21.02	21.13	21.00
		25	12	21.18	21.16	21.07	20.36	20.40	20.30	20.91	21.02	20.81
		50	0	21.29	21.19	21.15	20.40	20.42	20.29	20.93	21.04	20.83

OUTPUT POWER FOR 5G NR n71 (15.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 1			ANT 2			ANT 3		
				134100	136100	138100	134100	136100	138100	134100	136100	138100
				670.5	680.5	690.5	670.5	680.5	690.5	670.5	680.5	690.5
15.0	BPSK	1	0	25.49	25.22	25.17	24.45	24.23	24.25	25.26	25.10	25.08
		1	1	**25.70**	25.42	25.25	24.55	24.47	**24.59**	**25.40**	25.24	25.09
		1	77	25.46	25.28	25.05	24.45	24.40	24.27	25.28	25.14	24.95
		1	78	25.16	25.06	24.85	24.31	24.26	24.10	25.12	24.95	24.70
		36	18	25.43	25.20	25.16	24.37	24.39	24.31	25.28	25.09	25.02
		75	0	25.30	25.08	25.00	24.20	24.27	24.16	25.08	24.97	24.87
	QPSK	1	0	23.84	24.70	24.71	23.84	23.70	23.89	23.64	24.58	24.51
		1	1	24.88	**25.52**	25.30	24.65	24.60	**24.70**	24.70	25.15	25.15
		1	77	25.46	25.26	25.12	24.55	24.50	24.19	**25.40**	25.10	24.93
		1	78	24.68	24.52	24.39	23.92	23.76	23.55	24.67	24.41	24.25
		36	18	25.45	25.33	25.20	24.51	24.52	24.35	25.38	25.21	25.12
		75	0	24.74	24.62	24.51	23.83	23.76	23.69	24.68	24.51	24.42
	16QAM	1	0	22.53	23.96	23.67	23.08	22.87	22.95	22.64	23.74	23.65
		1	1	23.66	**24.96**	24.61	24.10	23.77	**24.17**	23.74	**24.78**	24.54
		1	77	24.50	24.73	24.29	24.15	23.84	23.90	24.73	24.75	24.34
		1	78	23.45	23.68	23.24	22.64	22.37	22.68	23.55	23.70	23.21
		36	18	24.75	24.66	24.53	23.78	23.83	23.62	24.67	24.53	24.40
		75	0	23.66	23.56	23.50	22.83	22.80	22.65	23.63	23.49	23.42
	64QAM	1	0	21.82	23.11	23.13	22.39	22.48	22.42	21.67	22.90	22.89
		1	1	21.85	23.03	23.04	22.63	22.56	22.45	21.71	22.82	22.52
		1	77	22.69	22.74	22.77	**22.66**	22.24	22.24	22.79	22.63	22.63
		1	78	22.85	22.78	22.89	22.63	22.41	22.14	22.70	22.64	22.64
		36	18	**23.23**	23.10	22.97	22.29	22.32	22.14	23.05	22.97	22.88
		75	0	23.22	23.07	23.01	22.25	22.24	22.12	**23.10**	23.04	22.94
	256QAM	1	0	21.02	21.37	21.45	**20.58**	19.85	20.36	20.65	21.32	**21.48**
		1	1	20.95	21.37	21.31	20.22	20.52	20.14	20.72	21.38	21.26
		1	77	**21.58**	21.23	21.15	20.30	20.22	20.11	21.32	21.27	21.12
		1	78	21.44	21.26	21.24	20.17	20.23	20.16	21.11	21.30	21.22
		36	18	21.28	21.10	21.00	20.23	20.24	20.23	21.06	20.99	20.88
		75	0	21.18	20.96	20.93	20.18	20.26	20.01	20.98	20.90	20.89

OUTPUT POWER FOR 5G NR n71 (20.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 1			ANT 2			ANT 3		
				134600	136600	137600	134600	136600	137600	134600	136600	137600
				673.0	683.0	688.0	673.0	683.0	688.0	673.0	683.0	688.0
20.0	BPSK	1	0	25.40	25.25	25.35	24.47	24.37	24.24	25.20	25.19	25.18
		1	1	**25.70**	25.53	25.40	**24.70**	24.46	24.50	**25.40**	25.27	25.20
		1	104	25.30	25.31	25.13	24.56	24.35	24.22	25.14	25.19	24.98
		1	105	25.04	25.09	24.90	24.34	24.21	24.14	24.91	25.07	24.80
		50	25	25.46	25.31	25.27	24.49	24.48	24.45	25.25	25.21	25.15
		100	0	25.29	25.19	24.97	24.31	24.29	24.25	25.19	25.04	24.86
	QPSK	1	0	24.11	24.83	24.79	23.92	23.82	23.83	23.89	24.71	24.65
		1	1	25.22	**25.60**	25.48	**24.68**	24.49	24.45	24.94	**25.37**	25.35
		1	104	25.24	25.27	25.11	24.60	24.48	24.27	25.11	25.18	25.04
		1	105	24.52	24.53	24.35	23.79	23.64	23.59	24.48	24.49	24.30
		50	25	25.49	25.29	25.35	24.45	24.54	24.51	25.21	25.29	25.19
		100	0	24.74	24.59	24.53	23.84	23.77	23.75	24.65	24.58	24.41
	16QAM	1	0	23.25	23.83	23.82	22.70	22.79	22.51	22.97	24.02	23.65
		1	1	24.28	**24.79**	24.63	**24.04**	23.82	23.71	23.99	**24.83**	24.43
		1	104	24.62	24.35	24.41	23.89	23.63	23.58	24.56	24.63	24.28
		1	105	23.68	23.32	23.31	22.61	22.58	22.83	23.30	23.64	23.17
		50	25	24.77	24.62	24.64	23.76	23.79	23.74	24.52	24.59	24.60
		100	0	23.73	23.62	23.50	22.83	22.81	22.78	23.53	23.57	23.40
	64QAM	1	0	22.02	22.87	22.87	22.46	22.62	22.41	21.97	23.04	22.85
		1	1	22.10	23.05	22.98	**22.64**	22.36	22.42	22.14	22.86	22.95
		1	104	22.56	22.73	22.59	22.47	22.48	22.34	22.74	22.77	22.67
		1	105	22.55	22.81	22.51	22.05	22.42	22.20	22.82	22.70	22.67
		50	25	**23.29**	23.15	23.08	22.25	22.28	22.27	22.99	23.05	23.00
		100	0	23.26	23.11	22.99	22.36	22.32	22.27	**23.06**	23.03	22.91
	256QAM	1	0	21.17	21.42	21.35	20.36	20.33	20.33	20.70	21.08	**21.48**
		1	1	21.20	21.47	21.24	20.24	20.38	**20.56**	20.79	21.07	21.37
		1	104	**21.54**	21.33	21.28	20.21	20.31	20.28	21.18	21.11	21.36
		1	105	21.50	21.51	21.22	20.36	20.23	20.38	21.44	20.96	21.12
		50	25	21.21	21.07	21.06	20.31	20.23	20.17	20.99	21.02	21.04
		100	0	21.23	21.11	21.00	20.24	20.26	20.16	21.09	20.98	20.88

8.15. 5G NR n77 (Part 27 3450-3550MHz)

Test Engineer ID:	32061	Test Date:	6/3/2023

OUTPUT POWER FOR 5G NR n77 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 7			ANT 8			ANT 9			ANT 4		
				630333	633332	636333	630333	633332	636333	630333	633332	636333	630333	633332	636333
				3455.0	3500.0	3545.0	3455.0	3500.0	3545.0	3455.0	3500.0	3545.0	3455.0	3500.0	3545.0
10.0	BPSK	1	0	25.31	25.31	25.23	23.55	23.50	23.67	25.23	25.54	25.36	21.60	21.96	22.24
		1	1	28.57	28.54	28.47	26.00	26.06	26.13	28.45	28.60	28.63	23.16	24.97	24.59
		1	22	**28.70**	28.54	28.42	26.07	25.99	**26.20**	28.49	**28.70**	28.59	24.25	**25.07**	22.12
		1	23	25.30	25.27	25.14	23.52	23.45	23.57	25.26	25.37	25.20	21.72	21.95	22.12
		12	6	28.59	28.57	28.48	26.05	26.01	26.06	28.32	28.54	28.60	24.25	25.01	24.59
		24	0	28.48	28.40	28.24	26.06	26.04	26.08	28.35	28.32	28.45	24.31	25.02	24.72
	QPSK	1	0	25.44	25.28	25.30	23.44	23.50	23.62	25.31	25.40	25.32	22.29	22.12	22.25
		1	1	28.64	28.50	28.67	25.92	26.00	26.01	28.47	28.51	28.58	24.69	25.06	24.73
		1	22	28.68	28.61	28.49	26.00	25.99	**26.07**	28.56	**28.62**	28.53	25.03	**25.20**	24.70
		1	23	25.47	25.32	25.21	23.44	23.43	23.53	25.28	25.31	25.26	22.03	22.04	22.10
		12	6	**28.70**	28.53	28.57	26.01	26.02	26.01	28.46	28.59	28.54	25.04	24.99	24.72
		24	0	27.95	27.86	27.77	26.01	25.99	26.00	27.81	27.86	27.80	24.60	24.65	24.58
	16QAM	1	0	25.42	25.31	25.33	23.51	23.44	23.44	25.40	25.28	25.14	22.05	21.89	22.09
		1	1	28.11	27.77	27.53	25.99	25.88	25.92	27.71	27.82	27.76	24.84	24.44	24.61
		1	22	**28.24**	27.74	27.77	**26.06**	25.93	25.95	**27.99**	27.77	27.62	**24.91**	24.48	24.79
		1	23	25.33	25.13	25.42	23.45	23.45	23.37	25.20	25.53	24.91	22.16	22.11	21.96
		12	6	27.87	27.92	27.83	25.94	26.00	26.05	27.82	27.85	27.81	23.99	24.56	24.64
		24	0	26.85	26.84	26.96	25.01	25.01	25.03	26.86	26.92	26.87	23.50	23.55	23.73
	64QAM	1	0	25.31	25.29	25.68	23.74	23.66	23.80	25.49	25.83	25.61	21.88	21.81	22.22
		1	1	26.39	26.46	**26.48**	24.67	24.62	24.78	26.68	**26.86**	26.50	23.04	23.20	23.23
		1	22	26.40	26.32	26.30	24.62	24.69	**24.89**	26.69	26.65	26.44	23.13	23.25	23.17
		1	23	25.60	25.48	25.25	23.58	23.62	23.77	25.59	25.72	25.33	22.04	21.94	22.10
		12	6	26.34	26.43	**26.48**	24.64	24.57	24.61	26.38	26.32	26.28	23.04	23.00	**23.27**
		24	0	26.38	26.46	26.44	24.54	24.59	24.65	26.43	26.38	25.51	23.21	22.97	22.91
	256QAM	1	0	24.30	24.31	**24.49**	22.58	22.66	**22.67**	**24.55**	24.20	23.49	20.39	20.55	21.04
		1	1	24.37	24.08	24.41	22.56	22.59	22.59	24.46	**24.55**	23.55	20.88	20.36	20.97
		1	22	24.17	24.13	24.20	22.66	22.58	22.60	24.36	24.11	23.68	20.69	20.58	21.02
		1	23	24.41	24.32	24.17	22.64	22.59	22.63	24.10	24.31	23.79	20.96	20.38	**21.08**
		12	6	24.27	24.27	24.28	22.43	22.49	22.51	24.31	24.29	23.51	20.99	21.04	21.03
		24	0	24.41	24.31	24.38	22.49	22.44	22.53	24.35	24.39	23.50	21.00	20.98	21.01

OUTPUT POWER FOR 5G NR n77 (15.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 7			ANT 8			ANT 9			ANT 4		
				630500	633332	636166	630500	633332	636166	630500	633332	636166	630500	633332	636166
				3457.5	3500.0	3542.5	3457.5	3500.0	3542.5	3457.5	3500.0	3542.5	3457.5	3500.0	3542.5
15.0	BPSK	1	0	25.44	25.17	25.22	23.16	22.53	22.60	25.18	25.33	25.14	21.83	21.64	21.66
		1	1	28.60	28.41	28.44	25.68	25.99	**26.20**	28.41	**28.62**	28.46	25.09	24.88	24.93
		1	36	**28.64**	28.48	28.44	25.58	26.04	26.12	28.57	28.58	27.97	**25.11**	24.81	24.94
		1	37	25.23	25.06	25.21	23.16	25.52	22.57	25.21	25.32	24.82	21.90	21.72	21.70
		18	9	28.53	28.40	28.42	25.63	25.97	26.09	28.54	28.61	27.90	25.09	24.91	24.92
		36	0	28.29	28.21	28.29	25.67	25.48	25.62	28.36	28.42	27.75	24.86	24.68	24.73
	QPSK	1	0	25.37	25.26	25.30	23.16	22.48	22.66	25.36	25.51	24.78	21.89	21.93	21.64
		1	1	28.66	28.54	28.54	25.66	25.93	26.16	28.53	28.63	27.99	25.15	25.11	25.04
		1	36	**28.70**	28.57	28.47	25.60	**26.17**	26.10	28.52	**28.70**	28.07	**25.20**	24.92	25.00
		1	37	25.43	25.28	25.29	23.11	22.61	22.63	25.29	25.41	24.86	21.96	21.62	21.70
		18	9	28.54	28.44	28.48	25.60	25.95	26.07	28.46	28.47	27.96	25.11	24.89	24.88
		36	0	27.83	27.69	27.75	25.67	24.96	25.04	28.44	27.72	27.16	24.43	24.17	24.15
	16QAM	1	0	25.70	25.11	25.44	23.07	22.45	22.72	25.62	25.63	24.60	22.05	21.75	21.50
		1	1	27.91	27.66	**28.20**	25.69	25.10	25.30	27.78	27.85	27.25	24.46	24.42	24.41
		1	36	27.75	27.57	27.74	**25.77**	25.05	24.94	27.74	27.71	**28.27**	**24.50**	24.31	24.44
		1	37	25.05	24.95	25.20	23.21	22.30	22.46	25.04	25.07	25.45	21.92	21.92	21.87
		18	9	27.77	27.64	27.65	24.96	24.98	25.10	27.56	27.68	28.11	24.31	24.24	24.22
		36	0	26.75	26.71	26.75	23.86	23.93	24.01	26.74	26.79	27.18	23.30	23.21	23.25
	64QAM	1	0	25.53	25.39	25.70	22.82	22.79	22.93	25.41	25.44	25.97	21.77	21.66	21.82
		1	1	26.50	26.43	**26.67**	**23.96**	23.56	23.95	26.38	26.67	**26.90**	**23.04**	22.91	22.99
		1	36	26.49	26.61	26.45	23.71	23.64	23.93	26.48	26.47	26.88	22.75	22.61	22.72
		1	37	25.63	25.30	25.43	23.00	22.93	22.71	25.62	25.59	26.03	21.89	21.76	21.72
		18	9	26.19	26.16	26.14	23.44	23.47	23.60	26.01	26.23	26.56	22.71	22.72	22.63
		36	0	26.26	26.22	26.24	23.45	23.39	23.48	26.18	26.31	26.63	22.79	22.82	22.75
	256QAM	1	0	24.46	24.12	24.21	21.50	**21.60**	21.51	24.19	24.31	24.61	20.18	20.66	20.41
		1	1	**24.53**	24.14	24.19	21.57	21.40	21.54	24.14	24.48	24.68	20.29	20.72	20.52
		1	36	24.44	23.94	24.31	21.47	21.53	21.58	24.18	24.26	24.48	20.64	20.70	20.23
		1	37	24.27	24.26	24.25	21.46	21.46	21.51	24.09	24.30	**24.72**	20.63	20.65	20.55
		18	9	24.16	24.28	24.23	21.26	21.41	21.37	24.16	24.27	24.59	20.66	**20.82**	20.60
		36	0	24.17	24.20	24.22	21.35	21.48	21.43	24.13	24.24	24.60	20.68	20.69	20.56

OUTPUT POWER FOR 5G NR n77 (20.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 7			ANT 8			ANT 9			ANT 4		
				630666	633332	635998	630666	633332	635998	630666	633332	635998	630666	633332	635998
				3460.0	3500.0	3540.0	3460.0	3500.0	3540.0	3460.0	3500.0	3540.0	3460.0	3500.0	3540.0
20.0	BPSK	1	0	25.30	25.24	25.25	23.06	23.05	23.05	24.22	24.99	25.29	21.52	21.53	21.51
		1	1	28.69	28.60	28.52	26.07	**26.10**	26.07	27.64	28.23	28.61	25.09	25.13	25.07
		1	49	**28.70**	28.50	28.57	**26.10**	26.02	25.98	27.84	28.15	28.55	**25.17**	25.09	**25.17**
		1	50	25.25	25.27	25.30	22.92	23.02	22.97	24.53	24.98	25.28	21.59	21.48	21.47
		25	12	28.54	28.54	28.50	25.88	26.01	25.93	27.83	28.27	**28.64**	25.10	25.03	25.00
		50	0	28.34	28.30	28.32	25.98	26.05	26.00	27.52	28.18	28.45	24.52	24.54	24.52
	QPSK	1	0	25.29	25.24	25.21	23.05	23.20	23.16	24.56	25.10	25.45	21.49	21.66	21.48
		1	1	28.64	28.56	28.51	26.13	**26.20**	26.09	27.81	28.44	28.66	25.12	**25.20**	25.06
		1	49	**28.68**	28.60	28.58	26.13	26.14	26.12	27.96	28.35	**28.70**	25.14	25.14	25.13
		1	50	25.36	25.19	25.29	23.02	23.08	23.05	24.65	25.14	25.47	21.60	21.59	21.53
		25	12	28.56	28.46	28.51	26.02	26.14	25.96	27.88	28.51	28.66	25.03	25.02	25.07
		50	0	27.84	27.78	27.74	25.48	25.65	25.52	27.13	27.79	27.99	24.06	24.00	24.02
	16QAM	1	0	25.39	25.31	25.40	22.96	22.97	22.72	24.73	25.34	25.54	21.47	21.54	21.74
		1	1	27.64	**28.12**	27.96	**25.61**	25.42	24.84	27.17	27.85	**28.26**	23.98	24.17	24.38
		1	49	28.08	27.76	28.11	25.44	25.45	24.82	27.36	28.13	27.80	24.09	24.11	**24.43**
		1	50	25.51	25.21	25.26	23.03	22.78	22.51	25.24	25.13	25.48	21.51	21.53	21.77
		25	12	27.78	27.83	27.74	25.49	25.51	25.48	27.34	27.81	27.99	23.98	24.03	24.00
		50	0	26.78	26.80	26.78	24.54	24.53	24.53	26.22	26.82	26.96	23.01	23.09	23.02
	64QAM	1	0	25.84	25.62	25.58	23.06	23.48	23.18	25.00	25.24	25.76	21.53	21.68	21.56
		1	1	26.51	26.81	26.49	24.05	24.13	24.12	25.93	26.56	**26.84**	**22.79**	22.54	22.53
		1	49	**26.82**	26.64	26.49	24.08	24.15	**24.32**	26.18	26.43	26.70	22.69	22.49	22.72
		1	50	25.39	25.58	25.46	23.14	23.35	23.05	25.10	25.52	25.50	21.75	21.45	21.48
		25	12	26.24	26.16	26.19	24.01	24.02	24.00	25.83	26.26	26.44	22.58	22.49	22.58
		50	0	26.32	26.27	26.21	23.95	24.08	24.03	25.86	26.34	26.44	22.54	22.51	22.47
	256QAM	1	0	**24.51**	24.46	24.22	21.87	21.72	22.08	23.84	24.56	24.44	20.49	20.11	19.95
		1	1	24.24	24.21	24.44	21.84	21.79	21.88	24.00	24.40	**24.57**	20.01	20.15	20.14
		1	49	24.08	24.28	24.28	21.72	21.78	21.83	23.88	24.36	24.09	20.17	20.10	20.18
		1	50	24.39	24.15	24.22	21.79	21.83	21.95	23.73	24.49	**24.57**	20.12	20.01	20.18
		25	12	24.24	24.20	24.09	21.90	22.03	21.97	23.70	24.20	24.41	20.42	20.37	20.41
		50	0	24.25	24.24	24.11	21.93	**22.09**	21.90	23.76	24.32	24.42	**20.51**	20.39	20.42

OUTPUT POWER FOR 5G NR n77 (30.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 7			ANT 8			ANT 9			ANT 4		
				631000	633332	635666	631000	633332	635666	631000	633332	635666	631000	633332	635666
				3465.0	3500.0	3535.0	3465.0	3500.0	3535.0	3465.0	3500.0	3535.0	3465.0	3500.0	3535.0
30.0	BPSK	1	0	25.29	25.38	25.25	23.09	23.16	22.99	23.86	24.96	25.30	21.42	21.47	21.36
		1	1	28.65	**28.70**	28.44	26.12	26.14	26.14	27.08	28.06	**28.70**	25.06	**25.07**	24.95
		1	76	28.65	28.51	28.53	**26.17**	26.16	25.95	27.30	28.43	28.50	25.04	24.98	24.97
		1	77	25.24	25.26	25.27	23.21	23.10	23.01	24.18	25.12	25.25	21.43	21.41	21.39
		36	18	28.55	28.48	28.47	26.12	26.06	26.06	27.20	28.22	28.44	24.91	24.87	24.88
		75	0	28.40	28.35	28.36	26.06	26.15	26.04	26.98	28.01	28.32	24.49	24.42	24.38
	QPSK	1	0	25.35	25.32	25.27	23.10	23.24	23.16	23.86	24.78	25.21	21.57	21.51	21.43
		1	1	28.67	28.66	28.52	26.09	**26.20**	26.07	27.12	28.22	28.43	25.06	25.04	25.06
		1	76	28.53	28.47	**28.70**	26.08	26.16	25.94	27.36	28.32	**28.52**	**25.20**	24.95	25.14
		1	77	25.43	25.22	25.28	23.11	23.21	22.97	24.19	25.05	25.23	21.54	21.42	21.38
		36	18	28.59	28.49	28.48	25.99	26.01	26.03	27.18	28.26	28.44	24.91	24.89	24.90
		75	0	27.89	27.81	27.80	25.58	25.58	25.48	26.45	27.55	27.77	23.96	23.94	23.93
	16QAM	1	0	25.17	24.98	25.65	23.33	23.50	22.42	23.92	25.00	25.30	21.47	21.36	21.44
		1	1	27.57	27.68	27.84	**25.87**	25.73	25.46	26.30	27.66	**27.73**	23.99	23.95	23.90
		1	76	27.77	27.68	**27.90**	25.82	25.65	25.03	26.53	27.59	27.67	**24.08**	23.92	23.96
		1	77	25.54	25.06	25.45	23.33	23.44	22.60	24.11	24.89	25.61	21.50	21.34	21.44
		36	18	27.73	27.68	27.66	25.49	25.52	25.50	26.50	27.53	**27.73**	23.90	23.91	23.82
		75	0	26.82	26.73	26.76	24.48	24.62	24.56	25.51	26.58	26.73	22.99	22.90	22.89
	64QAM	1	0	25.65	25.54	25.52	22.96	23.21	23.32	24.04	24.87	25.34	21.63	21.72	21.39
		1	1	26.79	**26.86**	26.39	23.90	24.09	**24.35**	25.26	26.13	**26.78**	22.59	**22.84**	22.35
		1	76	26.73	26.69	26.72	23.95	24.28	24.17	25.28	26.22	26.69	22.55	22.67	22.31
		1	77	25.77	25.07	25.49	23.02	22.88	23.03	24.43	25.42	25.44	21.52	21.71	21.76
		36	18	26.38	26.20	26.23	24.03	24.09	23.96	25.02	25.98	26.21	22.41	22.44	22.34
		75	0	26.37	26.23	26.22	24.05	24.10	23.96	24.93	25.99	26.18	22.42	22.42	22.37
	256QAM	1	0	**24.51**	24.29	24.27	22.01	21.79	21.94	22.91	23.79	24.18	20.11	**20.44**	20.25
		1	1	24.27	24.32	24.39	21.78	21.88	21.96	22.91	23.92	**24.42**	20.09	20.37	20.14
		1	76	24.29	24.20	24.21	21.84	21.89	21.80	23.04	24.21	**24.42**	20.30	20.19	20.23
		1	77	24.23	24.32	24.07	21.91	21.82	21.94	22.80	23.96	23.87	20.23	20.10	20.13
		36	18	24.32	24.22	24.19	22.03	22.07	22.01	23.08	23.97	24.25	**20.44**	20.42	20.37
		75	0	24.26	24.33	24.20	**22.08**	22.02	22.01	22.99	23.95	24.26	20.36	20.37	20.35

OUTPUT POWER FOR 5G NR n77 (40.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 7			ANT 8			ANT 9			ANT 4		
				631332	633332	635332	631332	633332	635332	631332	633332	635332	631332	633332	635332
				3470.0	3500.0	3530.0	3470.0	3500.0	3530.0	3470.0	3500.0	3530.0	3470.0	3500.0	3530.0
40.0	BPSK	1	0	25.35	25.38	25.27	23.00	23.16	23.16	23.85	24.83	25.41	21.55	21.62	21.50
		1	1	**28.66**	28.63	28.47	26.12	26.01	26.10	27.13	28.09	**28.70**	24.98	**25.20**	25.02
		1	104	28.59	28.51	28.47	26.07	**26.16**	26.12	27.29	28.18	28.47	25.13	25.11	25.17
		1	105	25.31	25.31	25.39	23.01	23.05	22.98	24.16	25.00	25.32	21.50	21.56	21.53
		50	25	28.54	28.52	28.41	25.97	25.94	25.91	27.09	28.10	28.50	25.04	24.98	24.94
		100	0	28.37	28.37	28.29	25.93	26.06	26.00	26.96	27.86	28.30	24.56	24.50	24.47
	QPSK	1	0	25.31	25.54	25.35	22.99	22.95	23.05	23.96	24.99	25.53	21.54	21.57	21.55
		1	1	28.68	28.64	**28.70**	26.13	25.99	**26.20**	27.28	28.11	28.62	25.04	25.11	25.08
		1	104	28.66	28.50	28.55	26.01	26.11	25.94	27.29	28.24	**28.63**	**25.14**	25.07	25.13
		1	105	25.37	25.28	25.34	23.06	23.00	23.05	24.06	25.00	25.35	21.64	21.50	21.57
		50	25	28.53	28.49	28.38	25.93	25.99	25.89	27.10	28.06	28.55	25.05	24.96	24.95
		100	0	27.86	27.77	27.73	25.47	25.52	25.47	26.40	27.39	27.86	24.02	24.00	23.96
	16QAM	1	0	25.57	25.29	25.57	23.35	23.44	23.21	23.90	25.13	25.46	21.89	21.53	21.32
		1	1	27.31	**28.04**	27.83	25.97	25.51	25.50	26.89	27.51	28.19	24.51	24.06	23.96
		1	104	27.76	27.80	27.59	**26.02**	25.60	25.29	26.94	27.48	**28.36**	**24.54**	23.91	24.05
		1	105	24.79	25.06	25.19	23.24	23.01	22.91	24.19	25.37	25.36	22.02	21.29	21.35
		50	25	27.76	27.80	27.67	25.47	25.53	25.37	26.38	27.74	27.64	24.06	23.91	23.85
		100	0	26.79	26.74	26.74	24.50	24.48	24.47	25.35	26.67	26.25	23.01	22.97	22.94
	64QAM	1	0	25.53	25.58	25.69	23.25	23.20	23.07	24.21	25.56	25.60	21.72	21.87	21.33
		1	1	26.68	26.49	**26.88**	23.96	24.26	24.17	25.41	26.27	25.92	22.81	**22.90**	22.58
		1	104	26.46	26.61	26.44	23.91	**24.35**	24.08	25.46	**26.28**	26.08	22.86	22.84	22.89
		1	105	25.95	25.42	25.59	23.26	23.44	23.09	24.26	25.33	25.20	21.77	21.75	21.49
		50	25	26.27	26.11	26.15	23.93	24.02	23.82	24.88	26.22	25.91	22.50	22.45	22.40
		100	0	26.27	26.20	26.13	23.95	23.96	23.87	24.93	26.23	25.81	22.47	22.44	22.45
	256QAM	1	0	24.58	24.21	24.48	21.80	21.96	21.69	23.17	24.34	24.06	20.40	20.51	20.40
		1	1	24.33	24.56	24.42	21.71	21.78	21.61	23.14	24.19	24.08	20.24	**20.56**	20.34
		1	104	24.20	24.31	24.26	21.88	21.92	21.76	22.81	**24.54**	23.89	20.27	20.28	20.45
		1	105	**24.59**	**24.59**	24.28	21.71	**21.99**	21.65	23.22	**24.54**	24.05	20.28	20.35	20.28
		50	25	24.24	24.13	24.10	21.84	21.86	21.84	22.92	24.06	23.80	20.44	20.34	20.33
		100	0	24.28	24.21	24.15	21.97	**21.99**	21.83	22.94	24.16	23.85	20.54	20.43	20.41

OUTPUT POWER FOR 5G NR n77 (50.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 7			ANT 8			ANT 9			ANT 4		
				631666	633332	634998	631666	633332	634998	631666	633332	634998	631666	633332	634998
				3475.0	3500.0	3525.0	3475.0	3500.0	3525.0	3475.0	3500.0	3525.0	3475.0	3500.0	3525.0
50.0	BPSK	1	0	25.34	25.35	25.30	23.10	22.81	23.01	23.90	24.57	25.38	21.44	21.71	21.58
		1	1	**28.65**	28.51	28.52	**26.20**	26.02	26.19	27.11	27.89	**28.54**	24.98	**25.20**	25.10
		1	131	28.41	28.20	28.45	26.04	25.86	25.97	27.61	28.28	28.29	25.03	24.97	25.00
		1	132	25.11	25.04	25.14	22.86	22.73	23.06	24.22	24.99	25.03	21.43	21.40	21.37
		64	32	28.52	28.37	28.39	25.97	25.83	25.88	27.19	28.17	28.44	25.06	24.97	24.95
		128	0	28.41	28.21	28.20	25.96	25.96	25.91	27.02	27.90	28.15	24.53	24.50	24.46
	QPSK	1	0	25.36	25.27	25.25	23.15	23.03	23.11	23.79	24.75	25.44	21.59	21.66	21.49
		1	1	**28.70**	28.56	28.58	26.09	25.94	**26.12**	27.20	28.09	**28.70**	25.01	**25.10**	25.02
		1	131	28.44	28.31	28.33	26.02	25.88	25.95	27.57	28.32	28.44	24.86	25.01	24.90
		1	132	25.19	25.10	25.08	22.83	22.88	22.75	24.21	25.13	25.27	21.47	21.41	21.43
		64	32	28.58	28.40	28.44	26.01	25.89	25.90	27.24	28.14	28.42	25.04	25.04	25.01
		128	0	27.84	27.67	27.68	25.45	25.41	25.42	26.60	27.44	27.61	24.03	24.01	23.99
	16QAM	1	0	25.28	25.31	25.58	22.92	22.86	23.29	23.94	25.03	25.26	21.54	21.55	21.70
		1	1	27.79	**28.09**	27.91	25.42	25.15	**25.76**	26.72	27.49	27.49	24.07	23.95	**24.25**
		1	131	27.35	27.50	27.51	25.35	24.92	25.68	26.76	27.45	**27.76**	24.08	23.94	24.11
		1	132	25.18	25.57	25.27	23.00	22.57	23.14	23.91	25.20	25.56	21.31	21.33	21.70
		64	32	27.70	27.69	27.57	25.47	25.46	25.35	26.59	27.47	27.74	24.02	23.95	23.91
		128	0	26.78	26.69	26.60	24.43	24.51	24.42	25.60	26.35	26.66	23.09	22.99	22.93
	64QAM	1	0	25.53	25.68	25.60	23.19	23.11	23.17	23.78	25.33	25.69	21.80	21.64	21.80
		1	1	26.45	**26.65**	26.63	**24.22**	24.14	23.87	25.18	26.27	**26.76**	**22.72**	22.47	22.61
		1	131	26.30	26.30	26.48	24.16	23.86	23.96	25.55	26.34	26.01	22.56	22.41	22.59
		1	132	25.31	25.36	25.40	23.20	22.76	22.42	24.55	25.10	25.31	21.80	21.33	21.22
		64	32	26.26	26.20	26.06	23.91	23.98	23.90	25.01	25.93	26.19	22.54	22.44	22.43
		128	0	26.33	26.22	26.15	23.97	23.96	23.87	25.13	25.98	26.20	22.49	22.43	22.46
	256QAM	1	0	24.12	24.23	24.36	21.92	**22.10**	21.78	22.74	23.75	**24.66**	20.20	20.24	**20.49**
		1	1	24.27	24.16	24.22	21.95	21.78	21.79	23.30	23.79	23.95	20.26	20.07	20.30
		1	131	24.29	23.78	**24.42**	21.61	21.55	21.52	23.59	24.48	24.27	20.26	19.81	20.14
		1	132	24.33	23.94	24.31	21.48	21.75	21.58	23.55	24.03	24.33	20.11	19.75	20.10
		64	32	24.24	24.08	24.14	21.91	21.86	21.86	23.03	23.90	24.03	20.43	20.39	20.35
		128	0	24.22	24.19	24.18	21.92	21.91	21.80	23.01	23.85	24.03	20.39	20.38	20.40

OUTPUT POWER FOR 5G NR n77 (60.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 7			ANT 8			ANT 9			ANT 4		
				632000	633332	634666	632000	633332	634666	632000	633332	634666	632000	633332	634666
				3480.0	3500.0	3520.0	3480.0	3500.0	3520.0	3480.0	3500.0	3520.0	3480.0	3500.0	3520.0
60.0	BPSK	1	0	25.35	25.31	25.40	23.10	23.27	23.53	23.79	24.70	25.29	21.44	21.66	21.64
		1	1	**28.68**	28.52	28.54	25.76	25.81	**26.20**	27.34	28.01	**28.70**	25.09	25.08	**25.20**
		1	160	28.48	28.43	28.43	25.69	25.84	26.02	27.71	28.48	28.39	25.00	25.09	25.06
		1	161	25.13	25.21	25.08	23.04	23.20	23.61	24.44	25.32	24.88	21.42	21.40	21.52
		81	40	28.56	28.55	28.43	25.57	25.80	26.17	27.47	28.25	28.31	25.15	25.11	25.07
		162	0	28.39	28.31	28.28	25.66	25.77	26.17	27.30	28.04	28.17	24.61	24.58	24.61
	QPSK	1	0	25.35	25.50	25.31	23.04	23.25	23.26	24.12	24.71	25.26	21.71	21.63	21.56
		1	1	**28.70**	28.59	28.40	25.67	25.84	**25.91**	27.21	27.91	**28.63**	**25.19**	25.13	25.15
		1	160	28.49	28.45	28.49	25.61	25.74	25.78	27.61	28.47	28.26	25.18	25.07	25.12
		1	161	25.20	25.21	25.18	23.17	23.27	23.43	24.47	25.15	24.95	21.55	21.49	21.50
		81	40	28.61	28.52	28.46	25.74	25.80	25.79	27.50	28.29	28.35	25.16	25.12	25.15
		162	0	27.85	27.77	27.75	25.72	25.77	25.82	26.82	27.52	27.67	24.09	24.11	24.06
	16QAM	1	0	25.50	25.73	25.29	23.15	23.36	23.35	24.19	24.72	25.41	21.85	21.94	21.24
		1	1	27.60	**28.08**	27.71	25.69	**26.04**	25.85	26.24	27.16	**27.86**	24.28	**24.39**	23.93
		1	160	27.77	27.43	27.83	25.75	25.94	25.46	27.29	27.77	27.14	24.30	24.38	24.00
		1	161	25.57	25.95	25.39	23.31	23.48	23.03	24.89	25.02	25.19	21.77	21.74	21.44
		81	40	27.92	27.81	27.76	25.80	25.89	25.51	26.77	27.53	27.62	24.06	24.05	24.04
		162	0	26.85	26.81	26.71	24.81	24.81	24.48	25.82	26.55	26.74	23.13	23.08	23.11
	64QAM	1	0	25.44	25.35	25.50	23.22	23.40	23.70	24.57	24.86	25.37	21.62	21.71	21.77
		1	1	26.71	**26.72**	26.54	24.37	24.46	24.63	25.23	26.01	**26.87**	22.35	22.81	22.64
		1	160	26.51	26.14	26.48	24.33	24.31	**24.94**	25.70	26.16	25.83	22.63	22.77	**22.88**
		1	161	25.39	25.36	25.15	23.26	23.19	23.76	24.75	25.19	25.27	21.48	21.62	21.46
		81	40	26.37	26.25	26.22	24.27	24.38	24.37	25.20	26.01	26.10	22.60	22.57	22.56
		162	0	26.37	26.29	26.22	24.28	24.31	24.29	25.30	25.97	26.19	22.55	22.57	22.58
	256QAM	1	0	24.36	24.35	24.56	22.12	21.98	21.88	22.83	24.01	24.49	20.30	20.20	20.30
		1	1	24.12	24.28	**24.67**	21.84	21.89	22.24	22.46	23.98	**24.60**	20.24	20.56	20.37
		1	160	24.30	24.09	24.12	22.11	22.15	22.11	23.86	23.97	24.25	20.15	20.27	20.52
		1	161	24.29	24.36	23.91	21.82	22.10	22.03	23.83	23.57	24.11	20.13	20.39	20.10
		81	40	24.45	24.27	24.25	22.21	22.29	22.25	23.23	23.98	24.15	20.54	20.48	20.48
		162	0	24.32	24.27	24.29	22.24	22.27	**22.30**	23.29	23.97	24.16	**20.57**	20.49	20.47

OUTPUT POWER FOR 5G NR n77 (70.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 7			ANT 8			ANT 9			ANT 4		
				632333	633332	634333	632333	633332	634333	632333	633332	634333	632333	633332	634333
				3485.0	3500.0	3515.0	3485.0	3500.0	3515.0	3485.0	3500.0	3515.0	3485.0	3500.0	3515.0
70.0	BPSK	1	0	25.27	25.41	25.20	23.15	23.35	23.65	23.88	24.65	25.34	21.77	21.87	22.04
		1	1	28.54	**28.70**	28.55	25.65	25.68	26.16	27.14	27.84	**28.57**	25.03	**25.12**	24.89
		1	187	28.38	28.39	28.51	25.71	25.75	26.07	27.72	28.21	28.31	24.88	24.92	25.00
		1	188	25.09	25.13	24.96	23.21	23.03	23.49	24.48	24.91	25.03	21.59	21.68	21.51
		90	45	28.54	28.50	28.42	25.72	25.74	**26.20**	27.58	28.21	28.52	25.02	24.88	24.90
		180	0	28.30	28.32	28.21	25.75	25.76	26.18	27.30	27.99	28.33	24.79	24.73	24.67
	QPSK	1	0	25.26	25.33	25.37	23.20	23.23	23.31	23.93	24.55	25.37	21.75	21.86	21.84
		1	1	28.62	**28.69**	28.60	25.78	**25.86**	25.79	27.34	27.95	**28.70**	25.07	**25.20**	24.94
		1	187	28.31	28.37	28.37	25.77	25.79	25.60	27.80	28.48	28.30	24.89	24.73	24.74
		1	188	25.01	25.09	25.04	23.14	23.38	23.16	24.33	25.21	25.11	21.61	21.50	21.57
		90	45	28.50	28.49	28.42	25.70	25.75	25.80	27.57	28.24	28.52	25.02	24.96	24.86
		180	0	27.76	27.76	27.64	25.74	25.80	**25.86**	26.87	27.46	27.80	24.39	24.22	24.17
	16QAM	1	0	25.51	25.13	25.43	23.48	23.51	23.28	24.30	24.76	25.30	21.39	21.93	21.73
		1	1	27.81	**28.11**	27.54	**26.09**	25.64	25.63	26.72	27.38	27.35	**24.78**	24.10	24.44
		1	187	27.27	27.62	27.40	26.07	25.92	25.83	27.59	27.47	**27.87**	24.23	24.11	23.88
		1	188	25.07	25.35	25.20	23.47	23.30	23.04	24.48	25.22	25.26	21.60	21.87	21.93
		90	45	27.86	27.73	27.69	25.68	25.76	25.49	26.86	27.57	27.79	24.27	24.24	24.13
		180	0	26.84	26.75	26.64	24.73	24.82	24.47	25.84	26.40	26.74	23.27	23.33	23.17
	64QAM	1	0	25.42	25.79	25.45	23.37	23.31	23.39	24.17	24.98	25.15	22.35	21.84	21.69
		1	1	26.42	**26.57**	26.43	**24.63**	24.05	24.22	25.34	26.45	**26.95**	**23.13**	22.80	22.58
		1	187	26.25	26.47	26.28	24.62	24.21	24.49	25.63	26.50	26.21	22.48	22.55	22.33
		1	188	25.22	25.24	25.28	23.38	23.03	23.01	24.86	25.15	25.12	21.42	21.41	21.03
		90	45	26.26	26.15	26.05	24.25	24.22	24.26	25.39	26.06	26.29	22.75	22.80	22.61
		180	0	26.22	26.19	26.18	24.21	24.26	24.31	25.30	25.94	26.24	22.82	22.64	22.69
	256QAM	1	0	24.38	24.41	**24.45**	21.88	21.89	**22.42**	23.08	23.38	23.89	20.67	20.35	**20.89**
		1	1	24.23	24.40	24.38	21.87	22.03	22.41	22.81	23.73	24.11	20.77	20.52	20.68
		1	187	24.11	24.03	24.16	21.82	21.83	22.14	23.54	**24.30**	23.76	20.55	20.17	20.52
		1	188	24.39	23.77	23.99	22.20	22.10	22.19	23.37	23.95	23.99	20.15	20.55	20.31
		90	45	24.22	24.11	24.13	22.18	22.30	22.28	23.40	23.98	24.19	20.75	20.74	20.61
		180	0	24.23	24.22	24.14	22.19	22.26	22.29	23.32	23.94	24.19	20.78	20.75	20.74

OUTPUT POWER FOR 5G NR n77 (80.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 7			ANT 8			ANT 9			ANT 4		
				632666	633332	633998	632666	633332	633998	632666	633332	633998	632666	633332	633998
				3490.0	3500.0	3510.0	3490.0	3500.0	3510.0	3490.0	3500.0	3510.0	3490.0	3500.0	3510.0
80.0	BPSK	1	0	25.20	25.40	25.27	23.24	23.22	23.71	23.81	24.73	25.24	21.66	21.77	21.74
		1	1	28.40	**28.56**	**28.56**	25.87	25.80	26.05	27.25	28.01	28.46	25.06	25.14	**25.15**
		1	215	28.21	28.44	28.45	26.01	25.82	26.11	27.67	28.13	28.27	24.94	24.90	25.00
		1	216	25.18	25.15	25.16	23.43	23.49	23.55	24.44	25.24	24.90	21.56	21.59	21.64
		108	54	28.51	28.50	28.41	25.93	26.05	26.19	27.87	28.26	**28.58**	25.05	24.91	24.95
		216	0	28.26	28.26	28.28	25.91	26.01	**26.20**	27.59	28.06	28.24	24.78	24.83	24.74
	QPSK	1	0	25.25	25.36	25.29	23.40	23.45	23.61	24.27	24.55	25.17	21.91	21.62	21.75
		1	1	28.67	28.53	**28.70**	25.95	**26.06**	25.83	27.56	28.10	**28.70**	25.09	**25.20**	25.13
		1	215	28.63	28.56	28.39	26.05	25.84	26.01	27.60	28.42	28.20	25.00	24.97	24.87
		1	216	25.10	25.16	24.99	23.42	23.35	23.41	24.44	25.17	25.01	21.84	21.72	21.69
		108	54	28.48	28.48	28.49	25.89	26.02	26.04	27.83	28.30	28.55	25.05	24.95	24.93
		216	0	27.76	27.74	27.74	25.93	25.99	26.01	27.12	27.61	27.74	24.31	24.28	24.34
	16QAM	1	0	25.31	24.91	25.16	23.24	23.39	23.57	24.58	24.70	26.00	21.81	21.11	21.80
		1	1	27.41	27.70	27.70	25.67	25.70	**26.06**	26.78	27.25	28.03	**24.52**	24.13	24.21
		1	215	27.38	27.61	27.56	25.88	25.88	25.96	26.43	27.86	**28.09**	24.12	24.50	24.20
		1	216	25.20	24.85	25.03	23.28	23.37	23.61	24.73	25.21	24.64	21.84	21.94	21.49
		108	54	27.75	**27.78**	27.73	25.87	26.01	25.92	27.20	27.65	27.81	24.35	24.33	24.27
		216	0	26.74	26.76	26.72	24.88	24.98	24.88	26.16	26.61	26.72	23.38	23.26	23.28
	64QAM	1	0	25.54	25.56	25.61	23.53	23.38	23.03	24.35	24.83	25.12	22.42	21.42	21.87
		1	1	26.56	**26.84**	26.53	24.45	24.30	24.15	25.64	26.17	26.50	**23.19**	23.10	22.87
		1	215	26.52	26.25	26.19	24.35	24.07	24.39	25.62	26.58	**26.71**	22.88	22.19	22.84
		1	216	25.45	25.57	25.19	23.57	23.16	23.29	24.61	25.37	25.41	21.75	21.85	21.36
		108	54	26.20	26.21	26.19	24.41	24.48	24.46	25.56	26.14	26.41	22.93	22.89	22.71
		216	0	26.27	26.23	26.24	24.41	24.50	**24.55**	25.48	26.04	26.34	22.86	22.87	22.76
	256QAM	1	0	24.36	24.25	24.30	21.82	22.19	22.30	23.22	24.09	**24.50**	20.52	20.83	20.61
		1	1	24.29	**24.38**	24.29	21.89	22.01	21.89	23.22	24.38	24.20	**20.91**	20.89	20.45
		1	215	24.03	24.36	24.02	22.28	22.46	22.24	23.60	24.33	24.30	20.41	20.78	20.68
		1	216	23.97	24.27	24.11	22.28	22.36	22.19	23.32	23.60	24.04	20.70	20.73	20.53
		108	54	24.20	24.21	24.22	22.37	22.49	**22.51**	23.68	24.02	24.29	20.90	20.86	20.68
		216	0	24.18	24.21	24.17	22.37	22.40	22.48	23.43	24.03	24.25	20.77	20.83	20.75

OUTPUT POWER FOR 5G NR n77 (90.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 7			ANT 8			ANT 9			ANT 4		
				633000	633332	633666	633000	633332	633666	633000	633332	633666	633000	633332	633666
				3495.0	3500.0	3505.0	3495.0	3500.0	3505.0	3495.0	3500.0	3505.0	3495.0	3500.0	3505.0
90.0	BPSK	1	0	25.38	25.32	25.36	23.47	23.64	23.43	24.29	25.05	25.07	21.94	21.95	21.93
		1	1	28.57	28.65	**28.67**	25.96	26.13	26.08	27.50	28.02	28.35	25.12	25.18	25.17
		1	243	28.40	28.59	28.50	26.05	25.99	26.08	27.95	**28.61**	28.21	25.15	24.98	**25.19**
		1	244	25.35	25.46	25.36	23.45	23.63	23.48	24.66	25.30	24.95	21.93	21.86	21.72
		120	60	28.65	28.59	28.54	26.02	26.17	26.04	28.11	28.45	28.42	**25.19**	25.14	25.02
		243	0	28.40	28.34	28.36	26.03	**26.20**	26.04	27.75	28.21	28.29	24.93	24.88	24.86
	QPSK	1	0	25.44	25.33	25.31	23.66	23.61	23.55	24.50	24.89	25.33	21.93	21.85	22.13
		1	1	28.50	28.63	28.55	26.06	25.98	25.94	27.82	28.09	28.55	25.10	**25.20**	25.18
		1	243	28.49	28.57	**28.70**	26.07	26.02	25.99	27.87	**28.70**	28.42	25.08	24.96	24.89
		1	244	25.39	25.12	25.22	23.55	23.57	23.50	24.52	25.46	25.01	21.68	21.91	21.61
		120	60	28.60	28.59	28.61	26.06	26.07	26.10	28.08	28.44	28.52	25.12	25.17	25.04
		243	0	27.86	27.82	27.83	26.04	26.07	**26.11**	27.23	27.71	27.78	24.46	24.33	24.27
	16QAM	1	0	25.06	25.15	25.42	23.78	23.79	23.36	24.06	24.72	25.56	21.78	22.03	21.90
		1	1	27.92	**28.01**	27.46	26.16	**26.18**	25.74	27.24	26.95	**27.94**	24.32	**24.65**	24.44
		1	243	27.48	27.74	27.62	26.17	26.10	25.74	27.27	27.78	27.36	24.58	24.21	24.48
		1	244	24.93	25.06	25.20	23.61	23.80	23.06	24.98	25.44	25.00	21.72	21.84	21.94
		120	60	27.89	27.81	27.78	26.05	26.06	26.09	27.35	27.61	27.83	24.49	24.40	24.30
		243	0	26.87	26.82	26.88	25.02	25.05	25.10	26.19	26.44	26.75	23.40	23.34	23.32
	64QAM	1	0	25.74	25.37	25.57	23.78	23.69	23.47	24.69	25.08	25.54	22.07	21.97	21.78
		1	1	26.60	26.79	26.77	24.75	24.76	24.58	25.43	25.74	25.99	22.86	22.39	23.01
		1	243	**26.80**	26.69	26.47	24.66	**24.87**	24.77	26.01	**26.38**	26.27	22.79	22.60	**23.25**
		1	244	25.61	25.57	26.01	23.71	23.51	23.35	25.38	25.51	25.45	21.72	21.49	21.69
		120	60	26.34	26.34	26.34	24.47	24.60	24.62	25.78	26.05	26.30	22.96	22.98	22.73
		243	0	26.28	26.27	26.30	24.50	24.56	24.65	25.66	26.01	26.23	22.87	22.81	22.75
	256QAM	1	0	24.12	**24.62**	24.39	22.36	22.25	21.99	23.46	23.69	24.09	20.72	20.82	20.42
		1	1	24.44	24.46	24.44	22.19	22.07	22.09	23.81	23.64	**24.33**	20.80	20.90	20.60
		1	243	24.24	24.22	24.40	22.43	22.30	22.07	23.92	24.25	24.23	20.56	20.91	20.86
		1	244	24.31	24.28	24.33	22.48	22.05	22.02	24.02	24.24	24.20	20.64	20.69	20.32
		120	60	24.32	24.22	24.30	22.48	22.52	**22.56**	23.80	23.97	24.22	20.94	20.95	20.91
		243	0	24.28	24.26	24.30	22.40	22.51	22.47	23.67	23.93	24.20	20.86	**20.96**	20.86

OUTPUT POWER FOR 5G NR n77 (100.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 7			ANT 8			ANT 9			ANT 4		
				N/A	633332	N/A	N/A	633332	N/A	N/A	633332	N/A	N/A	633332	N/A
				N/A	3500.0	N/A	N/A	3500.0	N/A	N/A	3500.0	N/A	N/A	3500.0	N/A
100.0	BPSK	1	0		25.28			23.58			24.87			21.86	
		1	1		28.46			26.13			27.97			25.11	
		1	271		28.32			26.05			**28.70**			24.89	
		1	272		25.20			23.70			25.43			21.73	
		135	67		**28.47**			**26.20**			28.43			**25.20**	
		270	0		28.30			26.18			28.15			24.91	
	QPSK	1	0		25.24			23.65			24.51			22.01	
		1	1		**28.70**			26.03			27.94			25.01	
		1	271		28.68			**26.20**			**28.51**			25.01	
		1	272		25.23			23.51			25.26			21.88	
		135	67		28.46			26.16			28.42			**25.12**	
		270	0		27.73			26.11			27.67			24.42	
	16QAM	1	0		25.45			23.67			24.70			22.13	
		1	1		27.66			26.14			27.04			**24.80**	
		1	271		27.66			**26.17**			**28.42**			24.21	
		1	272		24.86			23.72			24.98			21.66	
		135	67		**27.73**			26.11			27.69			24.49	
		270	0		26.71			25.12			26.59			23.36	
	64QAM	1	0		25.46			23.59			24.37			21.85	
		1	1		26.29			24.42			26.07			22.81	
		1	271		**26.42**			24.62			**26.68**			22.82	
		1	272		25.45			23.48			25.90			22.07	
		135	67		26.22			**24.67**			26.15			**23.01**	
		270	0		26.16			24.63			26.15			22.92	
	256QAM	1	0		**24.38**			22.10			23.49			20.93	
		1	1		24.31			21.92			23.45			20.79	
		1	271		23.79			22.11			**24.28**			20.91	
		1	272		24.28			22.18			23.67			20.64	
		135	67		24.13			**22.65**			24.15			20.94	
		270	0		24.16			22.64			24.03			**20.96**	

8.16. 5G NR n77 (Part 27 3700-3980MHz)

Test Engineer ID:	32061	Test Date:	6/3/2023

OUTPUT POWER FOR 5G NR n77 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 7			ANT 8			ANT 9			ANT 4		
				647000	656000	665000	647000	656000	665000	647000	656000	665000	647000	656000	665000
				3705.0	3840.0	3975.0	3705.0	3840.0	3975.0	3705.0	3840.0	3975.0	3705.0	3840.0	3975.0
10.0	BPSK	1	0	25.13	25.28	25.24	22.83	22.44	22.96	25.37	25.37	24.83	21.41	21.97	21.61
		1	1	28.43	28.59	28.51	26.14	25.89	26.12	28.62	28.64	28.17	24.57	25.19	24.76
		1	22	28.39	28.51	28.56	26.10	25.64	26.08	28.57	28.50	28.32	24.64	25.15	24.68
		1	23	25.16	25.36	25.36	22.77	22.45	22.81	25.40	25.17	25.05	21.15	21.98	21.46
		12	6	28.50	**28.61**	**28.61**	26.12	25.73	**26.20**	**28.70**	28.44	28.33	24.38	**25.20**	24.69
		24	0	28.16	28.44	28.37	25.99	25.51	25.90	28.41	28.26	28.01	24.24	25.08	24.50
	QPSK	1	0	25.09	25.30	25.43	22.93	22.50	23.06	25.39	25.28	25.00	21.08	21.82	21.51
		1	1	28.44	**28.70**	28.67	**26.16**	25.76	**26.16**	28.50	28.43	28.31	24.41	**25.07**	24.65
		1	22	28.42	28.62	28.54	26.15	25.70	26.07	**28.65**	28.53	28.35	24.38	25.02	24.77
		1	23	25.16	25.42	25.36	22.89	22.52	22.90	25.48	25.16	25.00	21.29	21.69	21.37
		12	6	28.36	28.67	28.69	26.14	25.68	26.07	28.58	28.40	28.34	24.44	**25.07**	24.69
		24	0	27.77	27.86	27.93	25.39	25.00	25.42	27.97	27.65	27.52	23.76	24.35	23.90
	16QAM	1	0	25.22	25.42	25.63	22.76	22.73	23.02	25.33	25.18	25.30	20.61	21.78	21.09
		1	1	27.59	27.98	27.80	25.08	25.38	25.17	27.62	27.44	27.73	22.95	**24.60**	23.74
		1	22	27.54	**28.07**	27.96	**25.62**	25.21	25.49	**27.95**	27.64	27.68	23.20	24.00	24.18
		1	23	25.36	25.43	25.46	22.98	22.26	22.83	25.79	25.31	25.03	20.82	21.62	21.59
		12	6	27.83	28.06	27.95	25.47	25.04	25.30	27.90	27.53	27.62	23.58	24.26	23.75
		24	0	26.58	26.88	26.90	24.39	24.03	24.31	26.88	26.56	26.60	22.34	23.08	22.89
	64QAM	1	0	25.03	25.43	25.31	22.93	22.84	22.41	25.36	25.04	25.12	21.02	21.26	21.35
		1	1	26.31	26.36	**26.61**	23.71	23.80	23.66	26.42	26.20	25.91	21.89	22.32	22.19
		1	22	26.28	26.26	26.28	**23.97**	23.17	23.91	26.19	25.94	26.45	22.07	22.20	22.19
		1	23	25.08	25.33	25.37	22.82	22.64	22.38	25.13	24.98	24.94	21.14	21.32	21.38
		12	6	26.29	26.42	26.39	**23.97**	23.64	23.77	26.45	26.10	26.14	22.17	22.38	22.58
		24	0	26.18	26.41	26.41	23.93	23.58	23.71	**26.46**	26.18	26.22	22.06	22.40	**22.64**
	256QAM	1	0	24.00	24.31	**24.33**	21.72	21.47	21.66	24.30	23.76	23.63	20.26	20.30	20.37
		1	1	24.06	24.29	24.17	21.76	21.37	21.58	**24.58**	23.66	23.87	20.14	20.26	20.32
		1	22	24.02	24.26	24.26	21.87	21.31	21.49	24.31	24.27	23.88	20.08	20.24	20.30
		1	23	23.97	24.07	24.26	**22.14**	21.33	21.60	24.21	23.90	23.81	20.06	20.19	20.24
		12	6	24.22	24.28	**24.33**	21.82	21.39	21.56	24.29	23.84	23.90	20.46	20.00	20.45
		24	0	24.19	24.30	24.30	21.91	21.63	21.63	24.45	23.93	23.82	**20.66**	20.29	20.50

OUTPUT POWER FOR 5G NR n77 (15.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 7			ANT 8			ANT 9			ANT 4		
				647166	656000	664833	647166	656000	664833	647166	656000	664833	647166	656000	664833
				3707.5	3840.0	3972.5	3707.5	3840.0	3972.5	3707.5	3840.0	3972.5	3707.5	3840.0	3972.5
15.0	BPSK	1	0	24.94	24.61	24.43	21.68	22.15	21.83	25.41	25.27	25.24	22.54	22.24	22.12
		1	1	**28.57**	28.23	28.15	25.14	**25.74**	25.39	**28.70**	28.56	28.52	**25.20**	24.76	24.64
		1	36	28.49	28.23	28.05	24.99	25.64	25.25	28.53	28.52	28.47	25.08	24.69	24.56
		1	37	24.98	24.66	24.51	21.48	22.08	21.73	25.22	25.11	25.21	22.41	22.20	22.04
		18	9	28.56	28.25	28.05	25.08	25.61	25.21	28.67	28.41	28.55	24.99	24.76	24.61
		36	0	28.09	27.67	27.51	24.58	21.30	24.77	28.31	28.28	28.25	24.96	24.87	24.57
	QPSK	1	0	25.15	24.69	24.49	22.74	22.10	21.73	25.47	25.18	25.37	22.49	22.27	22.16
		1	1	**28.70**	28.26	28.09	**26.20**	25.65	25.28	**28.68**	28.47	28.65	**24.98**	24.93	24.75
		1	36	28.53	28.15	28.09	26.02	25.57	25.26	28.65	28.54	28.54	24.90	24.72	24.57
		1	37	24.93	24.59	24.49	22.47	22.03	21.64	25.38	25.18	25.23	22.36	22.27	21.97
		18	9	28.52	28.18	28.04	26.06	25.59	25.30	28.61	28.43	28.50	24.85	24.85	24.59
		36	0	27.48	27.22	27.02	25.08	24.56	24.25	27.90	27.72	27.71	24.88	24.81	24.61
	16QAM	1	0	25.09	24.77	23.95	22.50	22.31	21.92	25.19	25.36	25.47	22.05	22.65	22.06
		1	1	**27.62**	27.34	26.55	**25.13**	24.68	24.50	27.85	27.92	27.58	24.52	**24.96**	24.66
		1	36	27.43	27.34	26.43	24.84	24.61	24.25	**28.10**	27.70	27.50	24.45	**24.96**	24.53
		1	37	24.87	24.73	27.11	22.23	21.92	21.52	25.21	24.83	25.06	22.09	22.44	21.92
		18	9	27.49	27.13	27.03	25.03	24.57	24.36	27.95	27.66	27.75	24.39	24.81	24.28
		36	0	26.56	26.20	26.00	24.01	23.48	23.31	26.91	26.72	26.67	23.40	23.81	23.30
	64QAM	1	0	25.07	24.77	24.51	22.73	22.28	21.82	25.53	25.20	25.12	21.84	21.86	21.89
		1	1	**26.20**	25.89	25.54	**23.71**	23.13	22.92	**26.50**	26.20	25.94	23.41	22.97	22.83
		1	36	26.02	25.69	25.49	23.42	23.10	22.78	**26.50**	26.46	26.12	23.16	22.96	22.74
		1	37	24.92	24.72	24.50	22.42	22.10	21.72	25.14	25.17	25.53	22.29	21.79	21.82
		18	9	26.06	25.66	25.61	23.68	23.09	22.87	26.26	26.06	26.18	23.37	23.15	22.97
		36	0	26.10	25.67	25.55	23.61	23.07	22.92	26.40	26.20	26.26	**23.43**	23.08	22.87
	256QAM	1	0	**24.37**	23.79	23.80	**21.76**	21.10	20.91	24.32	24.24	23.83	21.61	21.38	21.31
		1	1	24.19	23.70	23.59	21.31	21.10	21.03	24.32	**24.36**	24.32	21.52	21.55	21.30
		1	36	23.99	23.60	23.52	21.08	21.22	21.08	24.23	24.21	24.01	21.57	21.39	21.11
		1	37	23.89	23.69	23.60	21.01	21.08	21.06	24.20	24.13	24.17	**21.63**	21.40	21.18
		18	9	23.97	23.68	23.39	21.06	21.03	20.78	24.30	24.30	24.20	21.04	21.04	20.99
		36	0	23.92	23.63	23.36	21.03	20.99	20.75	24.32	24.28	24.11	21.09	21.18	20.96

OUTPUT POWER FOR 5G NR n77 (20.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 7			ANT 8			ANT 9			ANT 4		
				647333	656000	664666	647333	656000	664666	647333	656000	664666	647333	656000	664666
				3710.0	3840.0	3970.0	3710.0	3840.0	3970.0	3710.0	3840.0	3970.0	3710.0	3840.0	3970.0
20.0	BPSK	1	0	26.11	25.53	25.46	23.50	23.18	23.11	26.10	25.66	25.50	21.36	21.91	21.92
		1	1	**28.70**	28.01	28.00	26.01	25.71	25.60	**28.70**	28.21	28.14	24.67	24.99	**25.20**
		1	49	28.43	27.82	27.82	25.88	25.48	25.45	28.60	28.06	27.94	24.75	24.79	25.12
		1	50	25.83	25.25	25.39	23.38	22.93	22.78	25.99	25.45	25.32	21.44	21.59	21.90
		25	12	28.37	27.89	27.96	26.00	25.55	25.52	28.52	28.11	27.88	24.68	25.00	25.15
		50	0	28.49	27.86	27.99	**26.05**	25.54	25.50	28.57	28.09	27.91	24.50	24.78	24.94
	QPSK	1	0	26.08	25.51	25.48	23.59	23.11	23.03	26.17	25.59	25.47	21.39	21.86	21.97
		1	1	**28.61**	28.04	28.10	**26.20**	25.67	25.56	**28.69**	28.17	27.93	24.79	25.08	25.13
		1	49	28.32	27.79	27.86	25.95	25.40	25.35	28.61	28.05	27.77	24.79	24.90	25.14
		1	50	25.80	25.22	25.32	23.37	22.93	22.80	26.18	25.54	25.22	21.42	21.53	21.95
		25	12	28.40	27.86	27.96	26.01	25.50	25.48	28.60	28.12	27.93	24.66	25.02	**25.20**
		50	0	28.39	27.96	27.99	26.01	25.59	25.43	28.61	28.15	27.91	23.99	24.29	24.39
	16QAM	1	0	25.90	25.61	25.67	23.72	23.27	23.35	25.80	25.58	25.42	21.39	21.99	21.59
		1	1	**28.35**	28.17	28.17	**26.17**	25.62	25.85	28.43	27.98	27.90	24.37	24.39	24.27
		1	49	28.27	28.00	28.22	26.10	25.46	25.69	28.35	27.81	27.69	23.91	23.89	24.27
		1	50	25.55	25.46	25.43	23.53	22.86	23.24	25.62	25.35	25.21	21.77	21.37	21.68
		25	12	28.32	27.89	27.98	25.99	25.61	25.44	**28.63**	28.06	27.95	23.93	24.28	**24.43**
		50	0	27.35	27.03	27.05	24.99	24.60	24.45	27.65	27.14	26.83	22.93	23.19	23.46
	64QAM	1	0	26.00	25.72	25.94	23.97	23.40	23.24	26.29	25.68	25.55	21.84	22.04	22.40
		1	1	**27.05**	26.71	26.91	**24.92**	24.44	24.32	**27.34**	26.72	26.64	22.65	23.09	**23.24**
		1	49	26.56	26.58	26.56	24.76	24.26	24.11	27.03	26.29	26.25	22.87	22.83	23.16
		1	50	25.57	25.36	25.25	23.60	23.32	22.92	26.18	25.23	25.21	21.81	21.76	22.34
		25	12	26.79	26.57	26.34	24.49	24.07	24.06	27.21	26.39	26.37	22.40	22.68	22.88
		50	0	26.92	26.57	26.35	24.48	24.02	23.94	27.16	26.33	26.38	22.42	22.63	22.98
	256QAM	1	0	25.20	24.73	24.53	**22.62**	22.02	22.18	24.68	24.32	24.32	20.53	20.90	**21.27**
		1	1	**25.23**	24.63	24.53	22.52	22.25	22.13	24.82	24.39	24.22	20.61	20.64	21.03
		1	49	24.91	24.49	24.26	22.36	21.92	22.06	24.66	24.15	24.07	20.60	20.44	21.08
		1	50	24.83	24.27	24.21	22.39	22.03	21.77	24.59	24.21	23.96	20.47	20.39	21.06
		25	12	24.82	24.55	24.29	22.44	21.98	21.95	**25.06**	24.33	24.27	20.39	20.65	20.75
		50	0	24.90	24.56	24.23	22.51	22.05	21.97	**25.06**	24.34	24.33	20.43	20.65	20.87

OUTPUT POWER FOR 5G NR n77 (30.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 7			ANT 8			ANT 9			ANT 4		
				647666	656000	664333	647666	656000	664333	647666	656000	664333	647666	656000	664333
				3715.0	3840.0	3965.0	3715.0	3840.0	3965.0	3715.0	3840.0	3965.0	3715.0	3840.0	3965.0
30.0	BPSK	1	0	26.11	25.63	25.21	23.63	23.05	23.07	26.02	25.69	25.80	20.99	21.82	21.42
		1	1	28.67	28.27	27.76	26.06	25.69	25.56	28.62	28.28	28.38	24.17	25.07	24.57
		1	76	28.53	27.70	27.44	**26.20**	25.27	25.50	**28.66**	27.97	28.50	24.58	24.77	**25.20**
		1	77	25.94	25.13	25.02	23.67	22.78	23.04	26.11	25.43	25.87	21.32	21.56	21.78
		36	18	28.69	28.00	27.63	26.10	25.54	25.49	**28.66**	28.12	28.31	24.27	24.87	24.81
		75	0	**28.70**	27.92	27.66	26.10	25.51	25.54	28.62	28.09	28.33	24.13	24.76	24.70
	QPSK	1	0	26.06	25.64	25.36	23.41	23.19	23.11	26.17	25.72	25.71	20.97	21.77	21.45
		1	1	28.62	28.13	27.92	25.84	25.67	25.66	28.63	28.35	28.33	24.17	25.15	24.63
		1	76	28.33	27.68	27.59	**25.99**	25.41	25.61	**28.70**	27.83	28.25	24.65	24.85	**25.17**
		1	77	25.84	25.21	25.08	23.37	22.77	23.01	26.09	25.36	25.61	21.21	21.55	21.76
		36	18	**28.69**	28.03	27.45	25.91	25.52	25.49	28.62	28.04	28.31	24.32	24.94	24.85
		75	0	28.61	27.97	27.52	25.83	25.54	25.57	28.63	28.10	28.24	23.69	24.29	24.14
	16QAM	1	0	25.88	25.49	24.94	23.44	22.87	22.86	26.08	26.19	25.89	21.32	21.68	21.33
		1	1	28.53	28.12	27.32	**25.99**	25.40	25.42	28.46	**28.65**	28.40	23.68	**24.43**	23.76
		1	76	28.32	27.84	27.32	25.89	24.87	25.65	28.38	28.31	28.48	24.13	24.07	24.34
		1	77	25.76	25.05	24.76	23.32	22.60	22.71	25.89	25.86	25.84	20.96	21.84	21.97
		36	18	**28.62**	28.15	27.50	25.81	25.41	25.45	28.64	28.10	28.22	23.49	24.22	24.09
		75	0	27.66	27.17	26.48	24.73	24.50	24.57	27.61	27.10	27.24	22.62	23.21	23.13
	64QAM	1	0	26.36	25.90	25.11	23.59	23.39	23.42	26.46	25.95	25.71	21.24	22.13	21.85
		1	1	**27.38**	26.98	26.50	24.90	24.51	24.36	27.34	26.86	26.96	22.26	**22.99**	22.57
		1	76	26.99	26.48	26.07	**24.96**	24.07	24.40	**27.41**	26.72	26.89	22.88	22.71	22.98
		1	77	25.98	25.39	24.94	23.70	23.10	23.22	26.25	25.75	25.77	21.61	21.81	22.48
		36	18	27.16	26.66	26.02	24.47	24.06	24.02	27.12	26.59	26.65	22.23	22.77	22.53
		75	0	27.18	26.63	25.99	24.42	24.01	24.07	27.13	26.63	26.74	22.14	22.63	22.56
	256QAM	1	0	25.05	25.03	24.25	22.78	21.87	22.29	**25.15**	24.56	24.57	20.02	20.69	20.56
		1	1	24.98	24.65	24.26	22.58	22.17	22.25	24.91	24.44	24.57	20.11	20.82	20.37
		1	76	24.94	24.51	24.03	**22.95**	21.83	22.33	25.10	24.25	24.62	20.40	20.42	20.75
		1	77	24.75	24.49	23.81	22.83	21.51	22.27	25.00	24.28	24.53	20.60	**20.91**	20.89
		36	18	**25.12**	24.56	23.95	22.45	21.97	22.01	25.08	24.57	24.79	20.27	20.80	20.68
		75	0	24.91	24.48	23.87	22.35	21.95	22.02	25.08	24.54	24.84	20.22	20.67	20.56

OUTPUT POWER FOR 5G NR n77 (40.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 7			ANT 8			ANT 9			ANT 4		
				648000	656000	664000	648000	656000	664000	648000	656000	664000	648000	656000	664000
				3720.0	3840.0	3960.0	3720.0	3840.0	3960.0	3720.0	3840.0	3960.0	3720.0	3840.0	3960.0
40.0	BPSK	1	0	26.14	26.09	25.25	23.80	23.41	23.00	26.16	25.82	25.66	21.08	21.89	21.35
		1	1	**28.70**	28.45	27.77	**26.20**	25.95	25.58	**28.70**	28.38	28.33	24.25	**25.08**	24.71
		1	104	28.30	28.11	27.38	25.92	25.27	25.58	28.41	27.82	28.19	24.69	24.48	25.03
		1	105	25.60	25.52	24.95	23.57	22.88	23.02	26.02	25.24	25.62	21.46	21.43	21.80
		50	25	28.22	28.11	27.56	25.91	25.42	25.49	28.41	27.83	28.06	24.39	24.73	24.67
		100	0	28.26	27.75	27.54	26.04	25.48	25.50	28.51	27.88	28.17	24.20	24.60	24.50
	QPSK	1	0	26.07	25.92	25.28	23.57	23.40	23.15	25.96	25.74	25.70	21.18	21.89	21.39
		1	1	**28.50**	28.35	27.78	**26.06**	25.84	25.64	**28.47**	28.34	28.24	24.32	**25.20**	24.62
		1	104	28.08	27.59	27.44	25.97	25.22	25.73	28.23	27.86	28.10	24.61	24.52	25.19
		1	105	25.53	25.21	24.99	23.45	22.74	23.05	25.62	25.29	25.53	21.40	21.33	21.82
		50	25	28.23	27.73	27.54	25.89	25.48	25.46	28.27	27.82	28.10	24.42	24.75	24.69
		100	0	28.25	27.81	27.56	25.94	25.48	25.49	28.26	27.81	28.13	23.71	23.98	24.01
	16QAM	1	0	26.15	25.50	25.21	23.46	23.60	23.18	26.03	25.49	26.19	20.88	22.04	21.76
		1	1	**28.61**	28.05	27.61	26.00	**26.13**	25.70	28.47	28.13	**28.61**	23.78	**24.35**	23.59
		1	104	28.14	27.58	27.46	25.62	25.31	25.61	28.11	27.70	28.56	24.27	23.78	24.03
		1	105	25.66	24.73	24.90	23.19	23.05	23.03	25.65	25.21	26.09	21.31	21.47	21.53
		50	25	28.12	27.69	27.51	25.96	25.38	25.42	28.24	27.76	28.08	23.59	24.06	24.02
		100	0	27.10	26.70	26.53	24.91	24.40	24.43	27.21	26.82	27.13	22.69	23.09	23.04
	64QAM	1	0	26.02	25.96	25.12	23.93	23.42	23.40	26.16	25.92	25.85	21.38	22.06	21.91
		1	1	**27.17**	26.47	26.33	24.84	**24.90**	24.40	**27.60**	26.90	27.04	22.42	22.96	22.72
		1	104	26.37	25.96	25.95	24.73	24.05	24.47	27.06	26.71	26.83	22.80	22.85	**23.25**
		1	105	25.88	24.96	24.76	23.66	23.00	23.16	26.17	25.58	25.91	21.90	21.79	22.11
		50	25	26.88	26.18	25.83	24.37	23.92	23.89	26.96	26.31	26.49	22.16	22.42	22.46
		100	0	26.95	26.19	25.94	24.41	23.98	23.97	27.01	26.34	26.54	22.14	22.44	22.46
	256QAM	1	0	**25.29**	24.51	24.49	22.70	**22.72**	22.52	25.08	24.95	24.95	19.88	20.73	20.42
		1	1	25.06	24.73	24.24	22.52	22.67	22.66	**25.20**	25.02	24.72	20.13	20.93	20.69
		1	104	24.91	23.82	24.00	22.30	22.34	22.41	25.15	24.31	24.48	20.63	20.11	**21.01**
		1	105	24.72	24.15	23.85	22.33	22.22	22.50	25.11	24.35	24.57	20.31	20.01	20.82
		50	25	24.93	24.17	23.95	22.39	21.88	21.93	25.03	24.21	24.40	20.12	20.46	20.42
		100	0	24.93	24.19	24.10	22.35	21.93	21.89	24.99	24.25	24.50	20.23	20.45	20.51

OUTPUT POWER FOR 5G NR n77 (50.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 7			ANT 8			ANT 9			ANT 4		
				648333	656000	663666	648333	656000	663666	648333	656000	663666	648333	656000	663666
				3725.0	3840.0	3955.0	3725.0	3840.0	3955.0	3725.0	3840.0	3955.0	3725.0	3840.0	3955.0
50.0	BPSK	1	0	26.05	26.10	25.03	23.54	23.18	23.06	26.01	26.05	25.70	21.46	22.03	21.45
		1	1	28.46	**28.70**	27.72	**26.20**	25.71	25.66	28.53	28.48	28.31	24.68	**25.11**	24.47
		1	131	28.23	28.10	26.98	25.91	25.01	25.37	28.40	27.93	28.16	24.83	24.65	24.99
		1	132	25.56	25.30	24.54	23.43	22.54	22.95	25.80	25.35	25.61	21.46	21.26	21.80
		64	32	28.40	28.27	27.32	26.15	25.45	25.50	**28.65**	28.14	28.26	24.83	24.91	24.69
		128	0	28.38	28.32	27.29	26.16	25.46	25.50	**28.65**	28.17	28.22	24.50	24.74	24.54
	QPSK	1	0	25.99	25.66	25.18	23.37	23.41	23.03	26.16	25.73	25.63	21.36	22.00	21.37
		1	1	**28.44**	28.36	27.64	25.88	25.59	25.54	**28.70**	28.63	28.28	24.67	**25.20**	24.58
		1	131	28.02	27.52	27.03	25.61	25.05	25.42	28.32	27.95	28.24	24.70	24.65	24.88
		1	132	25.66	24.87	24.63	23.06	22.62	22.81	25.68	25.15	25.71	21.62	21.49	21.51
		64	32	28.41	27.59	27.32	**25.99**	25.51	25.52	28.63	28.18	28.33	24.85	24.95	24.59
		128	0	28.30	27.57	27.29	25.95	25.48	25.53	28.58	28.13	28.25	23.99	24.16	23.83
	16QAM	1	0	25.75	25.38	24.90	23.46	23.20	23.27	26.02	25.47	25.98	21.37	22.17	20.98
		1	1	**28.55**	28.40	27.37	**26.00**	25.92	25.70	**28.70**	27.93	28.44	**24.29**	23.97	23.29
		1	131	28.52	27.49	26.92	25.67	25.01	25.65	28.17	27.52	28.21	23.56	23.69	24.09
		1	132	25.59	24.80	24.16	23.30	22.45	23.18	25.73	24.82	25.76	21.50	21.02	21.57
		64	32	28.39	27.29	27.24	25.79	25.50	25.57	28.60	28.17	28.27	24.06	24.20	23.85
		128	0	27.37	26.26	26.21	24.77	24.47	24.45	27.61	27.13	27.21	23.08	23.12	22.74
	64QAM	1	0	25.71	25.71	25.15	23.22	23.38	23.37	26.51	26.60	26.39	21.38	21.68	21.17
		1	1	**27.11**	26.71	26.20	24.18	**24.61**	24.40	27.41	**27.57**	27.26	22.59	**23.03**	22.65
		1	131	26.73	26.26	25.43	24.24	23.80	24.16	27.17	26.74	27.22	22.72	22.63	22.29
		1	132	25.36	25.04	24.69	23.21	22.83	23.09	26.35	25.81	25.90	21.80	21.38	21.78
		64	32	26.85	26.10	25.74	24.43	23.96	23.99	27.23	26.61	26.74	22.56	22.57	22.21
		128	0	26.88	26.13	25.86	24.39	23.96	23.93	27.18	26.67	26.67	22.54	22.58	22.29
	256QAM	1	0	25.01	24.68	23.85	22.65	22.15	22.43	25.15	24.88	24.78	20.59	20.82	20.26
		1	1	**25.23**	24.38	24.00	**22.79**	22.25	22.30	**25.29**	25.08	24.89	20.48	**21.00**	20.26
		1	131	24.88	23.66	23.84	22.55	21.80	21.86	24.77	24.53	24.96	20.67	20.10	20.62
		1	132	24.77	23.82	23.54	22.19	21.95	22.31	25.19	24.63	24.57	20.38	19.97	20.49
		64	32	24.88	24.24	23.88	22.38	21.82	21.94	25.16	24.58	24.63	20.56	20.50	20.26
		128	0	24.82	24.21	23.93	22.34	21.94	21.87	25.12	24.58	24.64	20.49	20.48	20.35

OUTPUT POWER FOR 5G NR n77 (60.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 7			ANT 8			ANT 9			ANT 4		
				648666	656000	663333	648666	656000	663333	648666	656000	663333	648666	656000	663333
				3730.0	3840.0	3950.0	3730.0	3840.0	3950.0	3730.0	3840.0	3950.0	3730.0	3840.0	3950.0
60.0	BPSK	1	0	24.97	25.02	24.01	22.37	23.26	22.20	26.06	26.06	25.69	20.98	21.65	20.99
		1	1	25.21	**28.70**	28.05	**26.20**	25.58	24.76	**28.70**	28.51	28.06	24.09	**25.20**	24.40
		1	160	28.03	27.79	27.20	25.49	24.58	24.20	28.18	27.88	28.06	24.08	24.25	24.62
		1	161	24.55	24.22	23.56	22.98	22.28	21.63	25.66	25.15	25.74	20.93	20.87	21.41
		81	40	28.48	28.26	27.57	25.79	25.23	24.42	28.45	28.12	28.20	24.25	24.60	24.44
		162	0	27.97	27.72	27.10	25.79	25.26	24.47	28.47	28.19	28.21	23.98	24.44	24.32
	QPSK	1	0	25.00	25.00	24.19	23.53	23.13	22.28	26.11	26.15	25.54	21.00	21.78	21.16
		1	1	**28.65**	28.48	28.00	**26.11**	25.74	24.81	28.52	**28.57**	28.11	24.32	**25.01**	24.31
		1	160	28.08	27.60	27.36	25.56	24.88	24.18	28.29	27.92	28.14	24.46	24.29	24.50
		1	161	24.39	24.01	23.53	22.97	22.23	21.64	25.70	25.31	25.51	21.02	20.91	21.15
		81	40	28.50	28.21	27.67	25.80	25.27	24.44	28.50	28.18	28.29	24.49	24.66	24.46
		162	0	27.41	27.09	26.67	25.76	25.27	24.47	28.48	28.19	28.17	23.71	23.93	23.75
	16QAM	1	0	25.34	24.84	24.42	23.61	23.19	22.09	25.98	25.79	25.46	21.09	21.80	21.07
		1	1	**27.66**	27.55	27.15	**26.18**	25.85	24.92	28.61	28.65	28.15	23.60	24.00	**24.05**
		1	160	26.75	26.43	25.98	25.33	24.77	24.39	28.19	28.22	27.79	23.70	23.01	23.71
		1	161	24.33	23.88	23.77	22.92	22.35	21.82	25.63	25.57	25.30	21.14	20.98	21.55
		81	40	27.34	27.16	26.75	25.86	25.23	24.40	**28.67**	28.17	28.21	23.79	23.93	23.76
		162	0	26.32	26.15	25.77	24.83	24.31	23.37	27.59	27.16	27.28	22.71	22.84	22.76
	64QAM	1	0	25.06	24.85	24.19	23.15	22.69	22.76	26.65	26.55	25.85	21.18	22.04	21.43
		1	1	**26.05**	25.94	25.64	24.32	23.58	23.48	**27.55**	**27.55**	26.80	22.44	**23.09**	22.40
		1	160	25.40	24.66	24.71	23.50	22.86	22.69	27.30	26.63	26.45	22.47	22.38	22.39
		1	161	24.51	24.24	23.42	22.50	21.83	21.83	26.27	25.67	25.63	21.32	21.46	21.50
		81	40	25.79	25.61	24.94	**24.37**	23.71	22.87	27.13	26.66	26.69	22.19	22.36	22.29
		162	0	25.84	25.62	24.93	24.33	23.70	22.94	27.15	26.70	26.67	22.22	22.37	22.21
	256QAM	1	0	**23.97**	23.95	23.24	**22.97**	22.18	21.45	25.04	25.19	**25.30**	20.21	**20.64**	20.09
		1	1	**23.97**	23.92	23.74	22.62	22.45	21.16	25.28	25.10	24.88	20.02	20.63	20.40
		1	160	23.19	23.09	22.61	22.03	21.58	20.66	24.90	24.34	24.91	20.46	19.69	20.48
		1	161	23.36	23.08	22.68	22.13	21.38	20.79	24.74	24.07	25.04	20.22	19.89	20.37
		81	40	23.65	23.32	23.02	22.28	21.77	20.86	25.16	24.56	24.63	20.27	20.24	20.16
		162	0	23.58	23.39	22.97	22.33	21.68	20.89	25.11	24.59	24.60	20.25	20.25	20.22

OUTPUT POWER FOR 5G NR n77 (70.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 7			ANT 8			ANT 9			ANT 4		
				649000	656000	663000	649000	656000	663000	649000	656000	663000	649000	656000	663000
				3735.0	3840.0	3945.0	3735.0	3840.0	3945.0	3735.0	3840.0	3945.0	3735.0	3840.0	3945.0
70.0	BPSK	1	0	24.81	24.94	24.17	23.64	22.83	21.94	25.83	25.79	25.40	21.25	21.90	21.18
		1	1	28.32	**28.70**	27.70	**26.20**	25.36	24.53	**28.47**	28.12	28.13	24.56	**25.20**	24.63
		1	187	27.40	27.70	27.03	25.23	24.12	23.93	28.10	27.52	27.91	24.38	23.99	24.64
		1	188	23.94	23.83	23.36	22.69	21.42	21.24	25.58	24.81	25.22	21.10	20.76	21.40
		90	45	27.91	28.05	27.31	25.82	24.66	24.11	28.34	27.71	27.91	24.62	24.57	24.54
		180	0	27.39	27.53	26.83	25.80	24.81	24.12	28.39	27.77	27.92	24.30	24.43	24.39
	QPSK	1	0	24.44	25.01	24.21	23.00	23.10	22.14	25.82	25.88	25.41	21.07	21.73	21.19
		1	1	28.34	**28.49**	27.70	**25.64**	25.57	24.60	**28.70**	28.44	27.99	24.36	**25.04**	24.31
		1	187	27.43	27.51	27.03	24.93	24.28	23.73	28.08	27.60	27.44	24.30	24.14	24.76
		1	188	24.04	23.80	23.36	22.33	21.78	21.19	25.66	24.99	24.91	21.08	20.72	21.31
		90	45	28.08	28.08	27.39	25.35	24.75	24.10	28.37	27.74	27.61	24.62	24.55	24.50
		180	0	27.00	27.10	26.10	25.26	24.79	24.15	28.35	27.87	27.56	23.78	23.82	23.84
	16QAM	1	0	24.73	24.62	24.45	22.96	22.98	21.94	26.14	25.49	24.92	21.16	21.36	21.22
		1	1	27.56	**27.71**	27.09	**25.72**	25.26	24.37	**28.36**	27.99	27.61	23.52	**24.19**	23.69
		1	187	26.18	26.46	26.20	24.73	24.23	23.81	28.12	27.30	27.88	23.64	23.22	23.64
		1	188	24.19	24.11	23.50	22.15	21.45	21.06	25.39	24.65	24.76	20.72	20.87	21.62
		90	45	26.93	27.04	26.02	24.85	24.69	24.13	28.28	27.80	27.61	23.87	23.85	23.81
		180	0	26.00	26.03	25.13	23.87	23.72	23.18	27.26	26.79	26.54	22.73	22.86	22.84
	64QAM	1	0	24.51	25.05	24.06	22.64	22.88	21.72	25.92	26.02	25.16	21.80	22.40	21.42
		1	1	25.47	**25.77**	25.16	**24.11**	23.93	22.68	**27.24**	27.12	26.89	22.20	22.93	22.21
		1	187	24.80	24.95	24.39	23.11	22.34	21.94	26.86	26.49	26.40	22.35	22.25	**22.98**
		1	188	23.74	23.98	23.13	21.92	21.51	20.78	25.32	25.38	25.21	21.20	20.99	21.83
		90	45	25.73	25.53	24.46	23.79	23.15	22.55	26.87	26.22	26.27	22.27	22.25	22.28
		180	0	25.67	25.57	24.53	23.81	23.30	22.53	26.80	26.29	26.27	22.30	22.31	22.26
	256QAM	1	0	24.33	23.90	23.18	22.27	22.25	21.37	25.10	24.82	24.93	20.01	20.52	20.10
		1	1	**24.44**	24.03	23.32	**22.49**	22.20	21.53	**25.30**	24.96	24.77	20.36	**20.92**	20.49
		1	187	23.17	22.71	22.45	21.57	20.75	20.82	24.76	24.16	24.90	20.13	19.84	20.23
		1	188	23.12	22.88	22.53	21.68	20.64	20.55	24.79	24.17	24.37	20.12	19.93	20.11
		90	45	23.74	23.36	22.61	21.77	21.15	20.62	24.85	24.17	24.19	20.29	20.20	20.35
		180	0	23.71	23.41	22.56	21.77	21.21	20.68	24.77	24.22	24.12	20.27	20.23	20.54

OUTPUT POWER FOR 5G NR n77 (80.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 7			ANT 8			ANT 9			ANT 4		
				649333	656000	662666	649333	656000	662666	649333	656000	662666	649333	656000	662666
				3740.0	3840.0	3940.0	3740.0	3840.0	3940.0	3740.0	3840.0	3940.0	3740.0	3840.0	3940.0
80.0	BPSK	1	0	25.09	25.09	24.50	23.71	23.49	22.28	26.12	25.85	25.59	20.78	21.94	21.23
		1	1	**28.70**	28.55	28.01	**26.20**	25.98	24.79	**28.56**	28.47	28.18	24.29	**25.09**	24.40
		1	215	27.97	27.71	27.15	25.52	24.53	24.34	28.04	27.53	27.61	24.05	24.29	24.90
		1	216	24.11	24.08	23.64	22.74	22.05	21.88	25.49	25.07	25.14	20.80	20.97	21.60
		108	54	28.23	28.00	27.44	25.75	25.18	24.46	28.38	27.79	27.82	24.43	24.78	24.61
		216	0	27.72	27.57	27.01	25.70	25.16	24.49	28.40	27.84	27.85	24.12	24.50	24.48
	QPSK	1	0	25.04	25.25	24.50	23.73	23.36	22.40	26.28	25.98	25.65	21.03	21.79	21.03
		1	1	**28.64**	28.62	28.15	**25.97**	25.79	24.86	**28.70**	28.43	28.14	24.01	**25.20**	24.54
		1	215	27.73	27.65	27.28	25.21	24.70	24.37	28.41	27.78	27.62	24.29	24.36	25.02
		1	216	24.22	23.86	23.81	22.68	21.85	21.62	25.50	25.15	25.16	21.08	21.09	21.67
		108	54	28.11	28.00	27.55	25.60	25.09	24.55	28.44	27.75	27.85	24.55	24.73	24.61
		216	0	27.15	27.07	26.62	25.49	25.13	24.59	28.44	27.83	27.79	23.88	24.01	23.92
	16QAM	1	0	24.76	25.02	24.81	23.28	23.26	22.20	25.95	26.22	25.88	21.21	21.81	21.43
		1	1	27.15	**27.47**	26.90	25.91	**26.00**	24.94	**28.54**	**28.54**	28.28	23.63	24.22	23.96
		1	215	26.26	25.97	26.06	25.28	24.85	23.85	27.89	27.61	27.90	**24.25**	23.78	23.60
		1	216	23.89	23.67	23.96	22.54	22.06	21.46	25.47	25.27	25.11	21.54	21.04	21.18
		108	54	27.01	26.97	26.59	25.68	24.90	24.59	28.46	27.78	27.79	23.96	24.00	23.60
		216	0	26.05	26.07	25.37	24.61	23.91	23.54	27.43	26.77	26.87	22.87	23.06	22.60
	64QAM	1	0	24.98	25.45	24.33	22.95	23.14	21.96	26.16	26.21	25.66	21.16	22.10	20.98
		1	1	25.71	**25.80**	25.28	**24.26**	24.14	23.04	27.33	**27.39**	26.87	22.55	**23.01**	22.58
		1	215	24.90	24.79	24.71	23.41	23.09	22.83	26.48	26.55	26.35	22.95	22.33	22.46
		1	216	24.20	24.35	23.02	22.24	21.67	21.46	25.68	25.45	25.26	21.48	21.60	21.64
		108	54	25.53	25.44	24.80	24.14	23.52	23.06	26.85	26.27	26.35	22.39	22.50	22.08
		216	0	25.53	25.58	24.88	24.09	23.53	22.96	26.85	26.30	26.37	22.40	22.53	22.14
	256QAM	1	0	23.84	**24.52**	23.89	**22.86**	22.68	21.65	25.04	24.72	24.78	19.88	**20.83**	20.12
		1	1	24.16	24.27	23.65	22.48	22.49	21.66	**25.16**	24.84	24.93	20.12	20.80	20.19
		1	215	23.24	22.75	22.77	22.34	21.11	20.76	24.64	24.23	24.36	20.19	19.75	20.11
		1	216	22.87	22.94	22.75	22.07	20.98	21.05	24.51	24.24	24.27	19.77	20.12	20.18
		108	54	23.69	23.40	22.80	22.15	21.27	20.92	24.91	24.23	24.34	20.42	20.47	19.94
		216	0	23.73	23.52	22.88	22.08	21.30	20.97	24.82	24.28	24.33	20.31	20.48	19.99

OUTPUT POWER FOR 5G NR n77 (90.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 7			ANT 8			ANT 9			ANT 4		
				649666	656000	662333	649666	656000	662333	649666	656000	662333	649666	656000	662333
				3745.0	3840.0	3935.0	3745.0	3840.0	3935.0	3745.0	3840.0	3935.0	3745.0	3840.0	3935.0
90.0	BPSK	1	0	25.28	25.05	24.14	23.48	23.52	22.76	26.21	25.98	25.22	21.17	21.41	21.32
		1	1	**28.63**	28.61	28.38	**26.06**	26.00	25.20	**28.65**	28.38	27.71	24.12	**25.20**	24.42
		1	243	27.87	27.56	27.40	25.12	24.92	24.46	27.84	27.60	27.41	24.33	24.21	24.71
		1	244	24.50	24.13	23.71	22.55	22.25	21.98	25.32	25.11	24.89	20.71	20.96	21.40
		120	60	28.30	28.09	27.55	25.59	25.30	24.72	28.29	27.67	27.71	24.18	24.44	24.63
		243	0	27.80	27.57	27.10	25.56	25.43	24.77	28.26	27.72	27.77	23.90	24.26	24.37
	QPSK	1	0	25.17	25.06	24.58	23.41	23.51	22.59	25.67	25.81	25.43	20.78	21.57	21.11
		1	1	28.64	**28.70**	28.29	26.04	**26.20**	25.27	**28.70**	28.26	27.99	24.18	24.90	24.53
		1	243	27.95	27.71	27.44	25.27	24.87	24.47	27.96	27.57	27.52	23.85	24.16	**25.00**
		1	244	24.47	24.01	23.74	22.71	22.32	21.86	25.27	24.93	24.95	20.61	20.95	21.58
		120	60	28.34	28.14	27.62	25.67	25.29	24.75	28.23	27.57	27.71	24.09	24.52	24.53
		243	0	27.32	27.14	26.57	25.57	25.35	24.79	28.22	27.67	27.67	23.33	23.84	23.81
	16QAM	1	0	25.15	25.27	24.64	23.08	23.31	22.65	25.53	25.86	25.26	20.58	21.98	20.92
		1	1	**27.64**	27.58	27.62	**26.17**	26.14	25.00	28.29	**28.59**	27.65	23.60	**24.34**	23.82
		1	243	27.28	26.37	26.58	24.79	24.60	24.28	27.35	27.70	27.20	23.41	23.33	23.54
		1	244	24.43	23.95	23.61	22.64	21.85	22.35	25.08	25.13	25.06	21.24	21.01	21.78
		120	60	27.27	27.03	26.54	25.54	25.23	24.73	28.25	27.65	27.69	23.45	23.85	23.82
		243	0	26.30	26.07	25.52	24.50	24.26	23.74	27.19	26.67	26.73	22.40	22.87	22.81
	64QAM	1	0	25.49	25.35	24.39	23.21	23.43	22.61	26.26	26.11	25.40	21.25	21.71	21.94
		1	1	26.24	**26.37**	25.73	24.36	**24.63**	23.37	**27.30**	27.10	26.45	22.17	**22.78**	22.53
		1	243	25.29	25.19	24.72	23.28	22.67	22.38	26.60	26.21	25.75	21.84	22.33	22.77
		1	244	24.26	24.04	23.85	22.12	21.67	21.55	25.31	25.10	25.10	21.09	21.15	21.84
		120	60	25.76	25.43	24.96	24.10	23.76	23.26	26.69	26.07	26.22	22.18	22.44	22.43
		243	0	25.67	25.47	25.02	24.11	23.76	23.29	26.73	26.12	26.14	22.22	22.33	22.36
	256QAM	1	0	23.99	**24.44**	23.67	**22.96**	22.23	22.22	**25.14**	25.01	24.60	20.11	20.67	20.15
		1	1	24.43	24.17	23.97	22.84	22.89	21.94	24.87	25.06	24.32	20.13	20.66	20.18
		1	243	23.66	23.13	22.96	22.14	21.27	21.30	24.49	24.23	24.37	20.30	20.10	**20.92**
		1	244	23.38	23.38	23.06	21.72	21.06	21.17	24.80	24.34	23.84	19.73	19.57	20.44
		120	60	23.63	23.39	23.04	22.31	21.69	21.31	24.70	23.98	24.14	20.19	20.39	20.37
		243	0	23.57	23.48	23.01	22.31	21.70	21.21	24.66	24.05	24.06	20.13	20.38	20.37

OUTPUT POWER FOR 5G NR n77 (100.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 7			ANT 8			ANT 9			ANT 4		
				650000	656000	662000	650000	656000	662000	650000	656000	662000	650000	656000	662000
				3750.0	3840.0	3930.0	3750.0	3840.0	3930.0	3750.0	3840.0	3930.0	3750.0	3840.0	3930.0
100.0	BPSK	1	0	25.66	26.07	25.09	23.62	23.46	22.73	26.06	25.74	22.35	21.27	21.81	21.37
		1	1	28.17	**28.54**	27.84	**26.20**	25.70	25.21	**28.70**	28.32	25.65	24.70	**25.20**	24.67
		1	271	27.62	27.58	26.84	25.25	24.27	24.26	27.97	27.62	25.83	24.80	24.34	24.85
		1	272	25.15	25.00	24.43	22.61	22.00	21.88	25.15	25.01	22.80	21.30	21.12	21.82
		135	67	28.06	27.98	27.17	25.67	25.00	24.61	28.53	27.60	25.59	24.75	24.68	24.61
		270	0	28.02	27.96	27.25	25.68	25.13	24.63	28.43	27.69	25.41	24.47	24.54	24.43
	QPSK	1	0	25.93	26.20	25.13	23.49	23.19	22.82	25.98	25.89	22.39	21.31	21.92	21.41
		1	1	28.36	**28.70**	28.08	25.75	**25.81**	24.96	**28.48**	28.27	25.66	24.55	**25.06**	24.68
		1	271	27.76	27.57	27.07	25.14	24.57	24.34	27.76	27.35	25.76	24.73	24.38	24.78
		1	272	25.06	25.04	24.46	22.21	21.88	21.84	25.44	24.95	22.51	21.22	21.17	21.53
		135	67	28.15	27.54	27.14	25.46	25.02	24.63	28.27	27.67	25.65	24.73	24.69	24.67
		270	0	28.08	27.66	27.24	25.48	25.11	24.67	28.21	27.75	24.91	23.90	24.00	23.93
	16QAM	1	0	25.71	25.89	25.74	22.96	23.03	22.78	26.26	25.62	22.77	21.08	21.63	21.79
		1	1	28.51	**28.58**	28.40	**25.99**	25.53	24.94	**28.64**	28.47	25.08	23.95	**24.67**	24.10
		1	271	27.89	27.44	27.77	24.29	24.51	24.27	27.80	27.63	24.84	23.88	23.83	23.86
		1	272	25.61	24.97	24.62	22.26	21.54	22.07	25.78	25.00	22.16	21.15	21.49	21.18
		135	67	28.16	27.52	27.22	25.22	25.10	24.76	28.31	27.31	24.87	24.03	23.94	23.89
		270	0	27.05	26.61	26.27	24.27	24.07	23.65	27.27	26.44	23.84	22.94	22.99	22.86
	64QAM	1	0	25.81	26.01	25.85	23.09	22.82	22.52	26.46	25.82	22.79	21.85	22.19	21.81
		1	1	**27.28**	27.16	26.25	**24.40**	23.72	23.43	**27.40**	27.24	23.62	22.45	**23.07**	22.64
		1	271	25.95	25.93	25.65	23.14	22.74	22.33	27.01	25.88	23.63	22.33	22.53	22.65
		1	272	24.98	24.71	24.39	22.36	21.63	21.33	25.67	25.07	23.01	22.13	21.57	22.03
		135	67	26.57	26.03	25.68	24.06	23.58	23.21	26.71	26.04	23.44	22.52	22.50	22.46
		270	0	26.59	26.09	25.71	24.06	23.66	23.21	26.69	26.17	23.41	22.40	22.43	22.43
	256QAM	1	0	**24.93**	24.55	23.99	**23.09**	22.68	22.18	**25.28**	24.99	20.88	20.17	**20.86**	19.90
		1	1	24.60	24.60	24.79	22.90	22.31	21.67	25.20	25.11	21.26	20.34	20.48	20.28
		1	271	23.72	23.08	23.45	21.78	21.38	21.07	24.39	24.25	21.40	20.68	19.96	20.42
		1	272	24.02	22.99	23.13	21.70	21.24	21.19	24.45	24.32	21.54	20.41	19.95	20.56
		135	67	24.62	24.00	23.60	22.01	21.56	21.19	24.67	24.00	21.38	20.42	20.50	20.40
		270	0	24.56	24.05	23.66	21.98	21.58	21.10	24.62	24.15	21.38	20.41	20.42	20.40

9. CONDUCTED TEST RESULTS

9.1. OCCUPIED BANDWIDTH

RULE PART(S)

FCC: §2.1049

LIMITS

For reporting purposes only.

TEST PROCEDURE

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

RESULTS

There is no limit required and power is the same for low, middle and high channel; therefore, only middle channel was tested except 5G NR n70 where mix of middle/high channels are used. Worst-case plots (highest bandwidth) are reported only.

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	4.503	5.08
	5MHz, 16QAM			4.501	5.14
	10MHz, QPSK	50/0		8.985	9.97
	10MHz, 16QAM			8.994	9.98
	15MHz, QPSK	75/0		13.479	14.96
	15MHz, 16QAM			13.477	14.82
	20MHz, QPSK	100/0		17.936	19.68
	20MHz, 16QAM			17.968	19.72
	20MHz, QPSK	1/0		0.295	0.51

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	4.499	5.10
	5MHz, QPSK			4.489	5.17
	5MHz, 16QAM			4.470	5.04
	10MHz, BPSK	50/0		8.962	9.89
	10MHz, QPSK			8.958	9.76
	10MHz, 16QAM			8.938	9.70
	15MHz, BPSK	75/0		13.454	14.34
	15MHz, QPSK			13.417	14.33
	15MHz, 16QAM			13.423	14.35
	20MHz, BPSK	100/0		17.912	18.95
	20MHz, QPSK			17.895	19.04
	20MHz, 16QAM			17.936	19.09
	25MHz, BPSK	128/0		22.937	24.21
	25MHz, QPSK			22.931	24.33
	25MHz, 16QAM			22.844	24.22
	30MHz, BPSK	160/0		28.614	29.95
	30MHz, QPSK			28.527	29.95
	30MHz, 16QAM			28.685	30.14
	35MHz, BPSK	180/0		32.276	33.63
	35MHz, QPSK			32.119	33.70
	35MHz, 16QAM			32.182	33.63
	40MHz, BPSK	216/0		38.544	40.36
	40MHz, QPSK			38.632	40.48
	40MHz, 16QAM			38.702	40.40
	50MHz, BPSK	1/0		0.296	0.48

LTE BAND 12

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
LTE BAND 12	1.4MHz, QPSK	6/0	707.5	1.094	1.35
	1.4MHz,16QAM			1.090	1.36
	3MHz, QPSK	15/0		2.702	3.05
	3MHz, 16QAM			2.705	3.03
	5MHz, QPSK	25/0		4.506	5.11
	5MHz, 16QAM			4.499	5.10
	10MHz, QPSK	50/0		8.974	9.93
	10MHz, 16QAM			8.978	10.05
	10MHz, QPSK	1/0		0.247	0.42

5G NR n12

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
5G NR n12	5MHz, BPSK	25/0	707.5	4.469	4.99
	5MHz, QPSK			4.471	5.06
	5MHz, 16QAM			4.479	5.03
	10MHz, BPSK	50/0		8.924	9.68
	10MHz, QPSK			8.934	9.72
	10MHz, 16QAM			8.934	9.68
	15MHz, BPSK	75/0		13.363	14.31
	15MHz, QPSK			13.444	14.47
	15MHz, 16QAM			13.433	14.41
	15MHz, BPSK	1/0		0.244	0.40

LTE BAND 13

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
LTE BAND 13	5MHz, QPSK	25/0	782.0	4.499	5.11
	5MHz, 16QAM			4.497	5.08
	10MHz, QPSK	50/0		8.955	9.92
	10MHz, 16QAM			8.954	9.94
	10MHz, QPSK	1/0		0.244	0.41

LTE BAND 14

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
LTE BAND 14	5MHz, QPSK	25/0	793.0	4.500	5.06
	5MHz, 16QAM			4.505	5.06
	10MHz, QPSK	50/0		8.959	9.89
	10MHz, 16QAM			8.959	9.86
	10MHz, QPSK	1/0		0.243	0.39

5G NR n14

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
5G NR n14	5MHz, BPSK	25/0	793.0	4.492	5.02
	5MHz, QPSK			4.482	5.04
	5MHz, 16QAM			4.481	5.02
	10MHz, BPSK	50/0		8.938	9.77
	10MHz, QPSK			8.946	9.73
	10MHz, 16QAM			8.939	9.65
	10MHz, BPSK	1/0		0.243	0.39

LTE BAND 17

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
LTE BAND 17	5MHz, QPSK	25/0	710.0	4.491	5.12
	5MHz, 16QAM			4.508	5.06
	10MHz, QPSK	50/0		8.952	9.92
	10MHz, 16QAM			8.990	9.89
	10MHz, QPSK	1/0		0.252	0.39

LTE BAND 25

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
LTE BAND 25	1.4MHz, QPSK	6/0	1882.5	1.088	1.34
	1.4MHz,16QAM			1.092	1.37
	3MHz, QPSK	15/0		2.695	3.04
	3MHz, 16QAM			2.700	3.08
	5MHz, QPSK	25/0		4.495	5.08
	5MHz, 16QAM			4.500	5.09
	10MHz, QPSK	50/0		8.977	9.95
	10MHz, 16QAM			8.987	9.94
	15MHz, QPSK	75/0		13.465	14.76
	15MHz, 16QAM			13.447	14.81
	20MHz, QPSK	100/0		17.922	19.73
	20MHz, 16QAM			17.949	19.75
	20MHz, QPSK	1/0		0.288	0.52

5G NR n25

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
5G NR n25	5MHz, BPSK	25/0	1882.5	4.475	4.93
	5MHz, QPSK			4.461	4.99
	5MHz, 16QAM			4.473	5.06
	10MHz, BPSK	50/0		8.967	9.76
	10MHz, QPSK			8.959	9.78
	10MHz, 16QAM			8.974	9.79
	15MHz, BPSK	75/0		13.423	14.33
	15MHz, QPSK			13.424	14.43
	15MHz, 16QAM			13.401	14.38
	20MHz, BPSK	100/0		17.856	18.90
	20MHz, QPSK			17.949	19.02
	20MHz, 16QAM			17.809	18.96
	25MHz, BPSK	128/0		22.950	24.16
	25MHz, QPSK			22.920	24.21
	25MHz, 16QAM			22.881	24.22
	30MHz, BPSK	160/0		28.586	30.07
	30MHz, QPSK			28.557	30.12
	30MHz, 16QAM			28.562	30.11
	35MHz, BPSK	180/0		32.198	33.73
	35MHz, QPSK			32.180	33.72
	35MHz, 16QAM			32.104	33.65
	40MHz, BPSK	216/0		38.587	40.35
	40MHz, QPSK			38.596	40.46
	40MHz, 16QAM			38.563	40.34
	40MHz, BPSK	1/0		0.291	0.50

LTE BAND 26(PART 90S)

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
LTE BAND 26	1.4MHz, QPSK	6/0	819.0	1.091	1.34
	1.4MHz,16QAM			1.094	1.37
	3MHz, QPSK	15/0		2.698	3.04
	3MHz, 16QAM			2.710	3.06
	5MHz, QPSK	25/0		4.511	5.08
	5MHz, 16QAM			4.504	5.15
	10MHz, QPSK	50/0		8.984	10.04
	10MHz, 16QAM			8.971	9.95
	10MHz, QPSK	1/0		0.239	0.40

5G NR n26 (PART 90S)

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
5G NR n26 (FCC Part 90S)	5MHz, BPSK	25/0	819.0	4.485	5.02
	5MHz, QPSK			4.484	5.01
	5MHz, 16QAM			4.470	5.05
	10MHz, BPSK	50/0		8.923	9.59
	10MHz, QPSK			8.945	9.73
	10MHz, 16QAM			8.988	9.77
	10MHz, BPSK	1/0		0.233	0.40

LTE BAND 26 (PART 22)

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
LTE BAND 26	1.4MHz, QPSK	6/0	836.5	1.091	1.34
	1.4MHz,16QAM			1.096	1.35
	3MHz, QPSK	15/0		2.700	3.03
	3MHz, 16QAM			2.705	3.07
	5MHz, QPSK	25/0		4.503	5.12
	5MHz, 16QAM			4.504	5.05
	10MHz, QPSK	50/0		8.966	9.82
	10MHz, 16QAM			8.983	9.99
	10MHz, QPSK	1/0		0.247	0.45

5G NR n26 (PART 22)

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
5G NR n26 (FCC Part 22)	5MHz, BPSK	25/0	836.5	4.510	5.11
	5MHz, QPSK			4.497	5.01
	5MHz, 16QAM			4.477	5.09
	10MHz, BPSK	50/0		8.942	9.66
	10MHz, QPSK			8.994	9.80
	10MHz, 16QAM			8.952	9.79
	15MHz, BPSK	75/0		13.420	14.42
	15MHz, QPSK			13.468	14.56
	15MHz, 16QAM			13.395	14.34
	20MHz, BPSK	100/0		17.871	18.98
	20MHz, QPSK			17.881	18.95
	20MHz, 16QAM			17.856	18.93
	20MHz, BPSK	1/0		0.251	0.43

LTE BAND 30

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
LTE BAND 30	5MHz, QPSK	25/0	2310.0	4.510	5.16
	5MHz, 16QAM			4.509	5.15
	10MHz, QPSK	50/0		8.996	9.93
	10MHz, 16QAM			8.977	9.95
	10MHz, QPSK	1/0		0.252	0.40

5G NR n30

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
5G NR n30	5MHz, BPSK	25/0	2310.0	4.499	5.02
	5MHz, QPSK			4.474	5.08
	5MHz, 16QAM			4.482	5.14
	10MHz, BPSK	50/0		8.934	9.76
	10MHz, QPSK			8.962	9.68
	10MHz, 16QAM			9.008	9.96
	10MHz, BPSK	1/0		0.246	0.38

LTE BAND 41

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
LTE BAND 41	5MHz, QPSK	25/0	2593.0	4.486	5.10
	5MHz, 16QAM			4.483	5.07
	10MHz, QPSK	50/0		8.995	9.89
	10MHz, 16QAM			9.011	9.89
	15MHz, QPSK	75/0		13.447	14.73
	15MHz, 16QAM			13.488	14.70
	20MHz, QPSK	100/0		17.943	19.60
	20MHz, 16QAM			17.929	19.42
	20MHz, QPSK	1/0		0.271	0.48

5G NR n41

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
5G NR n41 (FCC)	10MHz, BPSK	24/0	2593.0	8.654	9.64
	10MHz, QPSK			8.602	10.15
	10MHz, 16QAM			8.596	9.64
	15MHz, BPSK	36/0		12.924	14.51
	15MHz, QPSK			12.954	14.53
	15MHz, 16QAM			12.906	14.34
	20MHz, BPSK	50/0		17.938	19.79
	20MHz, QPSK			17.912	19.49
	20MHz, 16QAM			17.953	19.36
	30MHz, BPSK	75/0		26.942	29.27
	30MHz, QPSK			27.078	28.91
	30MHz, 16QAM			26.837	28.47
	40MHz, BPSK	100/0		35.892	38.26
	40MHz, QPSK			35.850	38.27
	40MHz, 16QAM			35.740	38.05
	50MHz, BPSK	128/0		45.845	48.66
	50MHz, QPSK			45.837	48.28
	50MHz, 16QAM			45.732	48.27
	60MHz, BPSK	162/0		57.903	60.85
	60MHz, QPSK			57.736	60.87
	60MHz, 16QAM			58.009	61.00
	70MHz, BPSK	180/0		64.545	67.66
	70MHz, QPSK			64.322	68.23
	70MHz, 16QAM			64.535	67.60
	80MHz, BPSK	216/0		77.127	80.61
	80MHz, QPSK			77.121	80.71
	80MHz, 16QAM			77.092	80.68
	90MHz, BPSK	243/0		86.851	90.56
	90MHz, QPSK			86.934	90.90
	90MHz, 16QAM			87.148	90.58
	100MHz, BPSK	270/0		96.444	100.8
	100MHz, QPSK			96.778	100.7
	100MHz, 16QAM			96.380	100.6
	100MHz, BPSK	1/0		0.596	0.97

LTE BAND 48

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
LTE BAND 48	5MHz, QPSK	25/0	3625.0	4.484	5.12
	5MHz, 16QAM			4.456	4.92
	10MHz, QPSK	50/0		8.937	9.33
	10MHz, 16QAM			8.943	9.41
	15MHz, QPSK	75/0		13.312	14.08
	15MHz, 16QAM			13.372	14.32
	20MHz, QPSK	100/0		17.946	19.06
	20MHz, 16QAM			17.979	18.77
	20MHz, QPSK	1/0		0.298	0.48

5G NR n48

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
5G NR n48 (FCC)	10MHz, BPSK	24/0	3625.0	8.656	9.89
	10MHz, QPSK			8.644	9.68
	10MHz, 16QAM			8.609	9.61
	15MHz, BPSK	36/0	3620.0	12.880	14.00
	15MHz, QPSK			12.879	14.11
	15MHz, 16QAM			12.921	14.28
	20MHz, BPSK	50/0		17.909	19.29
	20MHz, QPSK			17.850	19.15
	20MHz, 16QAM			17.909	19.44
	30MHz, BPSK	75/0	3625.0	26.816	28.57
	30MHz, QPSK			26.939	28.66
	30MHz, 16QAM			26.951	28.39
	40MHz, BPSK	100/0	3620.0	35.680	37.82
	40MHz, QPSK			35.818	37.43
	40MHz, 16QAM			35.628	37.83
	40MHz, BPSK	1/0		0.525	0.86

LTE BAND 66

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
LTE BAND 66	1.4MHz, QPSK	6/0	1745.0	1.094	1.32
	1.4MHz,16QAM			1.096	1.36
	3MHz, QPSK	15/0		2.704	3.04
	3MHz, 16QAM			2.706	3.06
	5MHz, QPSK	25/0		4.500	5.15
	5MHz, 16QAM			4.495	5.09
	10MHz, QPSK	50/0		8.968	10.02
	10MHz, 16QAM			8.980	9.90
	15MHz, QPSK	75/0		13.461	14.85
	15MHz, 16QAM			13.462	14.73
	20MHz, QPSK	100/0		17.951	19.57
	20MHz, 16QAM			17.950	19.46
	20MHz, QPSK	1/0		0.265	0.45

5G NR n66

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
5G NR n66	5MHz, BPSK	25/0	1745.0	4.490	5.10
	5MHz, QPSK			4.488	5.09
	5MHz, 16QAM			4.493	5.04
	10MHz, BPSK	50/0		8.925	9.59
	10MHz, QPSK			8.958	9.69
	10MHz, 16QAM			8.955	9.68
	15MHz, BPSK	75/0		13.458	14.39
	15MHz, QPSK			13.398	14.25
	15MHz, 16QAM			13.430	14.36
	20MHz, BPSK	100/0		17.910	19.01
	20MHz, QPSK			17.865	18.92
	20MHz, 16QAM			17.887	18.97
	25MHz, BPSK	128/0		22.872	24.26
	25MHz, QPSK			22.907	24.11
	25MHz, 16QAM			22.897	24.16
	30MHz, BPSK	160/0		28.641	30.06
	30MHz, QPSK			28.565	29.82
	30MHz, 16QAM			28.526	29.98
	35MHz, BPSK	180/0		32.214	33.67
	35MHz, QPSK			32.205	33.81
	35MHz, 16QAM			32.178	33.75
	40MHz, BPSK	216/0		38.620	40.25
	40MHz, QPSK			38.658	40.29
	40MHz, 16QAM			38.546	40.41
	40MHz, BPSK	1/0		0.294	0.49

5G NR n70

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
5G NR n70	5MHz, BPSK	25/0	1702.5	4.499	5.03
	5MHz, QPSK			4.498	5.02
	5MHz, 16QAM			4.493	5.08
	10MHz, BPSK	50/0		8.984	9.77
	10MHz, QPSK			8.953	9.79
	10MHz, 16QAM			8.956	9.77
	15MHz, BPSK	75/0		13.448	14.27
	15MHz, QPSK			13.403	14.29
	15MHz, 16QAM			13.427	14.36
	15MHz, BPSK	1/0		0.243	0.38

LTE BAND 71

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
LTE BAND 71	5MHz, QPSK	25/0	680.5	4.501	5.10
	5MHz, 16QAM			4.504	5.14
	10MHz, QPSK	50/0		8.961	9.93
	10MHz, 16QAM			8.978	9.96
	15MHz, QPSK	75/0		13.436	14.83
	15MHz, 16QAM			13.436	14.78
	20MHz, QPSK	100/0		17.902	19.58
	20MHz, 16QAM			17.898	19.46
	20MHz, QPSK	1/0		0.269	0.45

5G NR n71

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
5G NR n71	5MHz, BPSK	25/0	680.5	4.478	5.11
	5MHz, QPSK			4.498	5.05
	5MHz, 16QAM			4.484	4.92
	10MHz, BPSK	50/0		8.965	9.82
	10MHz, QPSK			8.953	9.73
	10MHz, 16QAM			8.899	9.62
	15MHz, BPSK	75/0		13.415	14.36
	15MHz, QPSK			13.404	14.34
	15MHz, 16QAM			13.406	14.44
	20MHz, BPSK	100/0		17.841	18.93
	20MHz, QPSK			17.859	19.05
	20MHz, 16QAM			17.808	18.88
	20MHz, BPSK	1/0		0.278	0.49

5G NR n77(Part 27 3450-3550MHz)

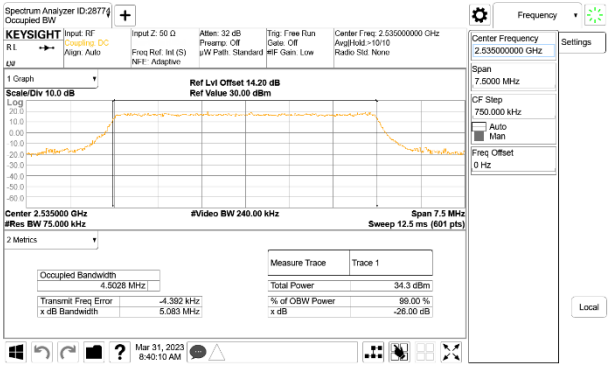
Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
5G NR n77 (FCC Part 27 3450-3550MHz)	10MHz, BPSK	24/0	3500.0	8.634	9.67
	10MHz, QPSK			8.624	9.91
	10MHz, 16QAM			8.594	9.64
	15MHz, BPSK	36/0		12.933	14.42
	15MHz, QPSK			12.943	14.40
	15MHz, 16QAM			12.927	14.38
	20MHz, BPSK	50/0		17.851	19.33
	20MHz, QPSK			17.859	19.52
	20MHz, 16QAM			17.902	19.54
	30MHz, BPSK	75/0		26.880	28.75
	30MHz, QPSK			26.904	28.90
	30MHz, 16QAM			26.839	28.16
	40MHz, BPSK	100/0		35.704	37.83
	40MHz, QPSK			35.685	37.95
	40MHz, 16QAM			35.794	37.87
	50MHz, BPSK	128/0		45.789	48.37
	50MHz, QPSK			45.712	48.32
	50MHz, 16QAM			45.655	48.11
	60MHz, BPSK	162/0		57.817	60.73
	60MHz, QPSK			57.984	60.61
	60MHz, 16QAM			57.955	60.59
	70MHz, BPSK	180/0		64.517	67.48
	70MHz, QPSK			64.311	67.41
	70MHz, 16QAM			64.270	67.63
	80MHz, BPSK	216/0		77.163	80.84
	80MHz, QPSK			77.164	80.67
	80MHz, 16QAM			77.132	80.96
	90MHz, BPSK	243/0		86.732	90.09
	90MHz, QPSK			86.903	90.88
	90MHz, 16QAM			86.822	90.62
	100MHz, BPSK	270/0		96.430	100.70
	100MHz, QPSK			96.444	100.60
	100MHz, 16QAM			96.590	100.70
	100MHz, BPSK	1/0		0.598	1.04

5G NR n77(Part 27 3700-3980MHz)

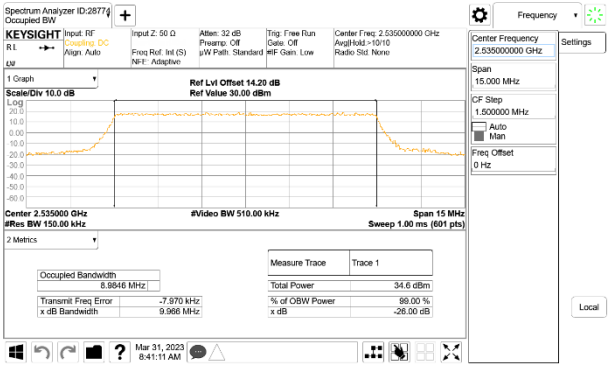
Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
5G NR n77 (FCC Part 27 3700-3980MHz)	10MHz, BPSK	24/0	3480.0	8.606	9.59
	10MHz, QPSK			8.538	9.22
	10MHz, 16QAM			8.565	9.40
	15MHz, BPSK	36/0		12.867	13.84
	15MHz, QPSK			12.936	14.10
	15MHz, 16QAM			12.915	14.00
	20MHz, BPSK	50/0		17.908	18.87
	20MHz, QPSK			17.921	19.04
	20MHz, 16QAM			17.854	19.07
	30MHz, BPSK	75/0		26.774	28.26
	30MHz, QPSK			26.789	27.94
	30MHz, 16QAM			26.804	28.01
	40MHz, BPSK	100/0		35.574	37.70
	40MHz, QPSK			35.619	37.32
	40MHz, 16QAM			35.612	37.53
	50MHz, BPSK	128/0		45.755	47.92
	50MHz, QPSK			45.759	48.09
	50MHz, 16QAM			45.636	47.96
	60MHz, BPSK	162/0		57.907	60.28
	60MHz, QPSK			58.060	60.72
	60MHz, 16QAM			57.713	60.50
	70MHz, BPSK	180/0		64.347	67.23
	70MHz, QPSK			64.222	67.17
	70MHz, 16QAM			64.239	67.07
	80MHz, BPSK	216/0		77.032	80.29
	80MHz, QPSK			77.033	80.42
	80MHz, 16QAM			77.295	80.47
	90MHz, BPSK	243/0		86.696	90.12
	90MHz, QPSK			86.684	90.16
	90MHz, 16QAM			86.497	90.29
	100MHz, BPSK	270/0		96.434	100.50
	100MHz, QPSK			96.411	100.30
	100MHz, 16QAM			96.277	100.60
	100MHz, BPSK	1/0		0.596	1.02

9.1.1. LTE BAND 7 AND 5G NR n7

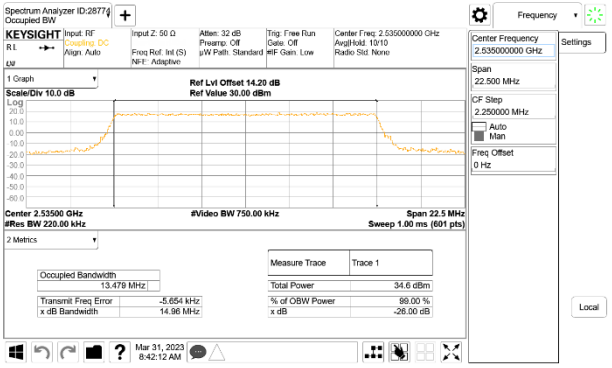
LTE BAND 7



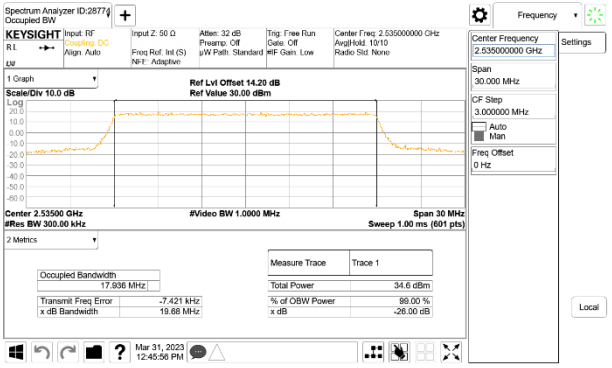
LTE B7 5MHz QPSK Middle Channel RB25-0



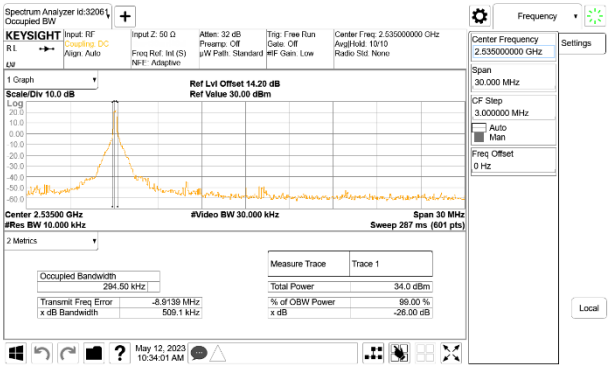
LTE B7 10MHz QPSK Middle Channel RB50-0



LTE B7 15MHz QPSK Middle Channel RB75-0



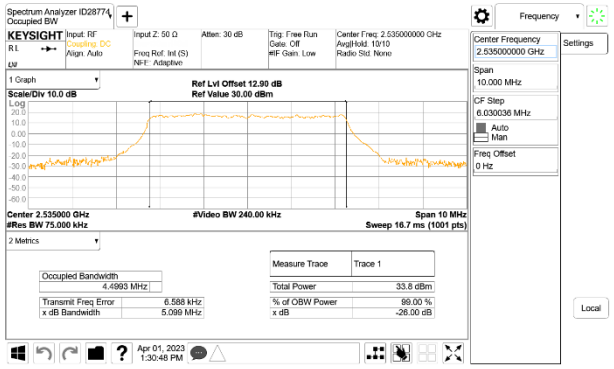
LTE B7 20MHz QPSK Middle Channel RB100-0



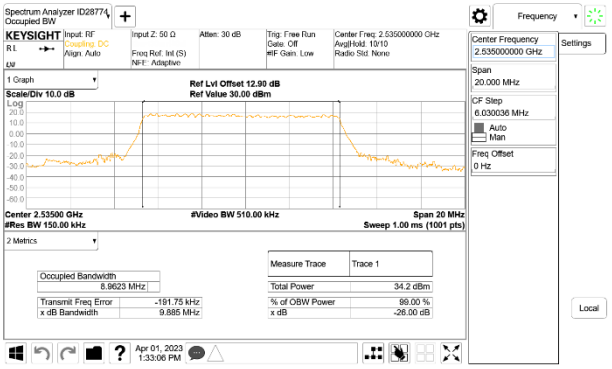
LTE B7 20MHz QPSK Middle Channel RB1-0

Intentionally Blank

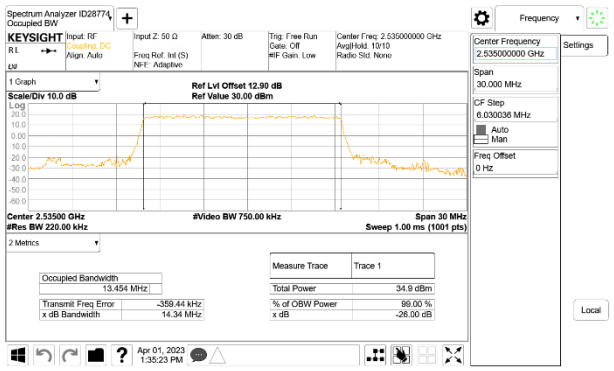
5G NR n7



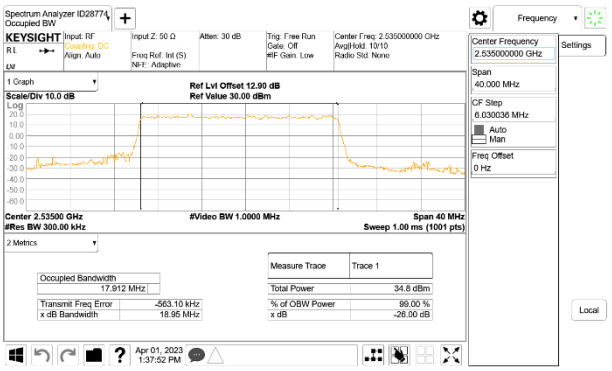
5G NR n7 5MHz BPSK Middle Channel RB25-0



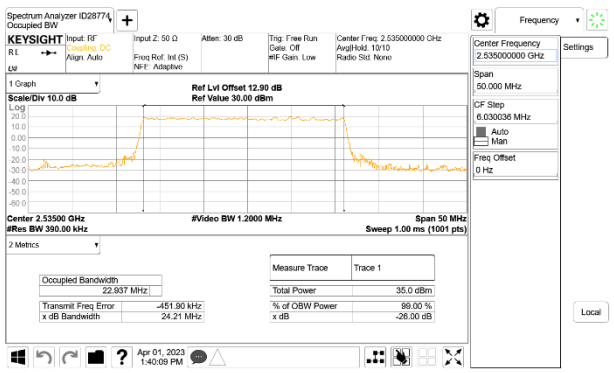
5G NR n7 10MHz BPSK Middle Channel RB50-0



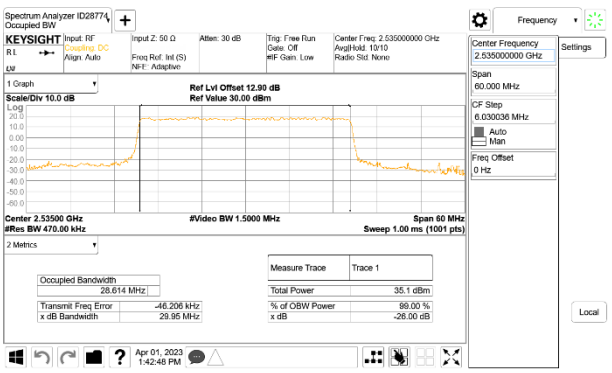
5G NR n7 15MHz BPSK Middle Channel RB75-0



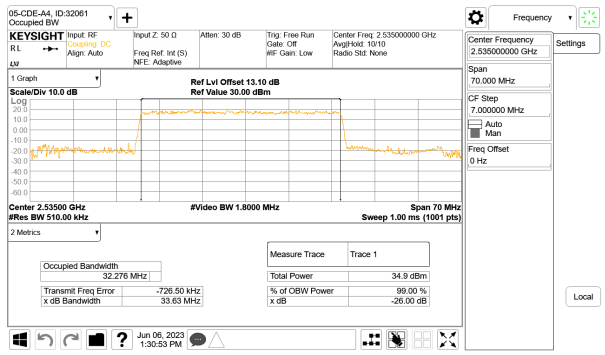
5G NR n7 20MHz BPSK Middle Channel RB100-0



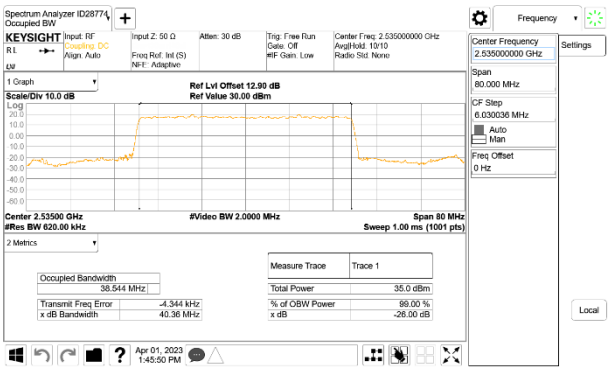
5G NR n7 25MHz BPSK Middle Channel RB128-0



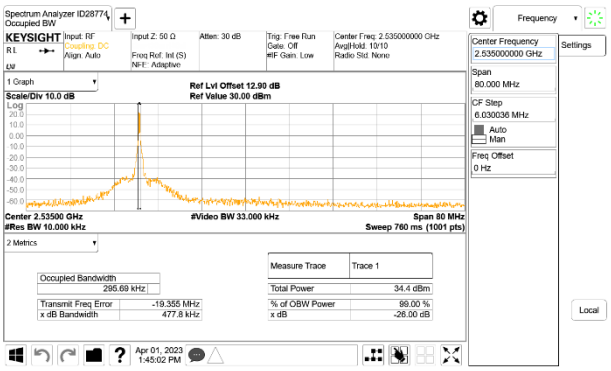
5G NR n7 30MHz BPSK Middle Channel RB160-0



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



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

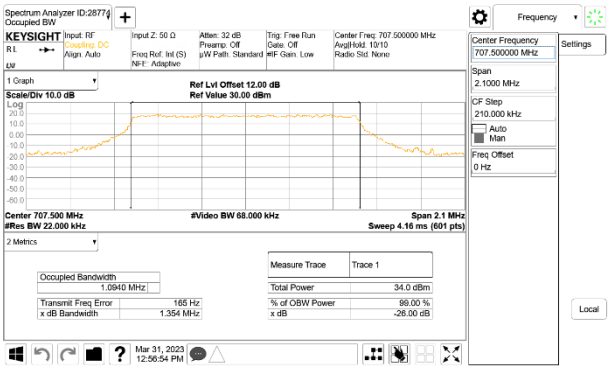


5G NR n7 40MHz BPSK Middle Channel RB1-0

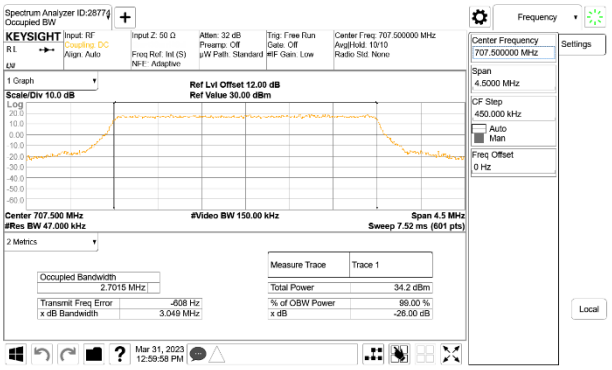
Intentionally Blank

9.1.2. LTE BAND 12 AND 5G NR n12

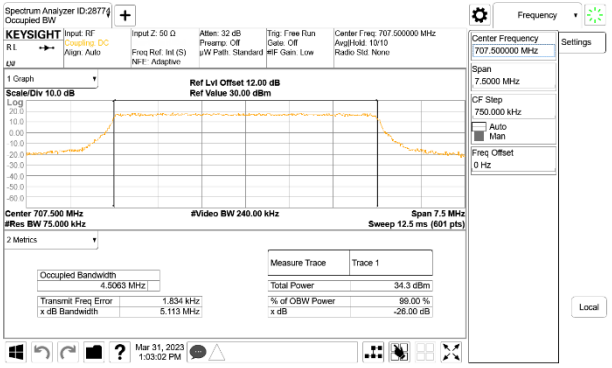
LTE BAND 12



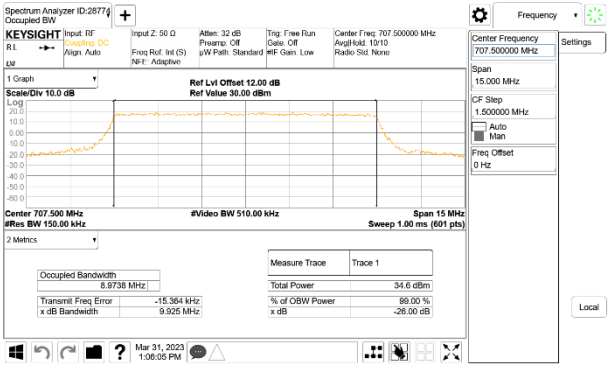
LTE B12 1.4MHz QPSK Middle Channel RB6-0



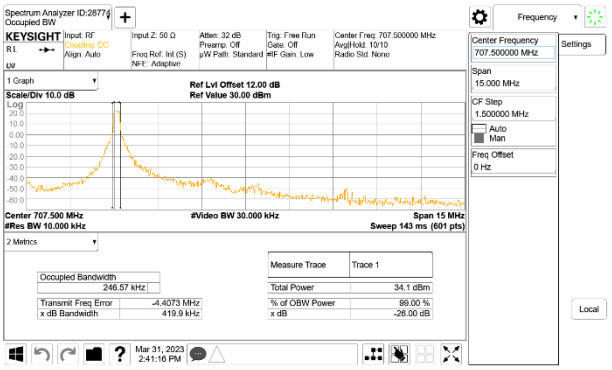
LTE B12 3MHz QPSK Middle Channel RB15-0



LTE B12 5MHz QPSK Middle Channel RB25-0



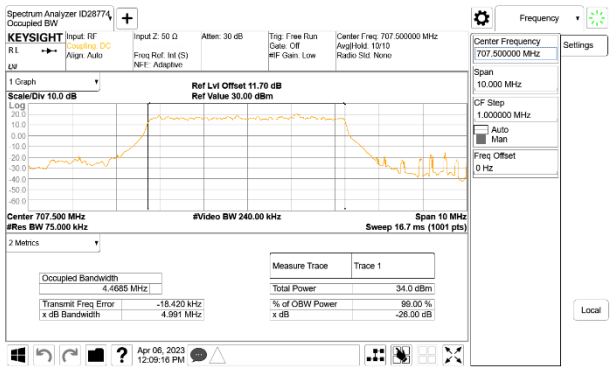
LTE B12 10MHz QPSK Middle Channel RB50-0



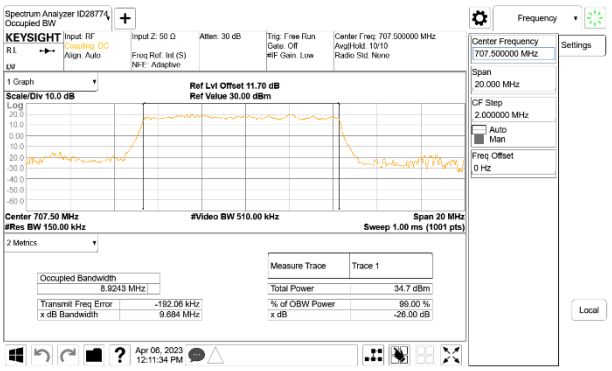
LTE B12 10MHz QPSK Middle Channel RB1-0

Intentionally Blank

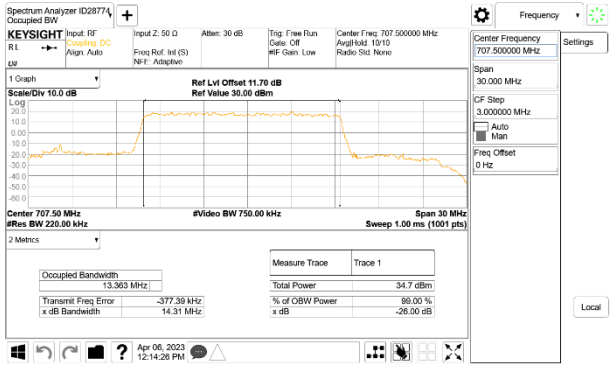
5G NR n12



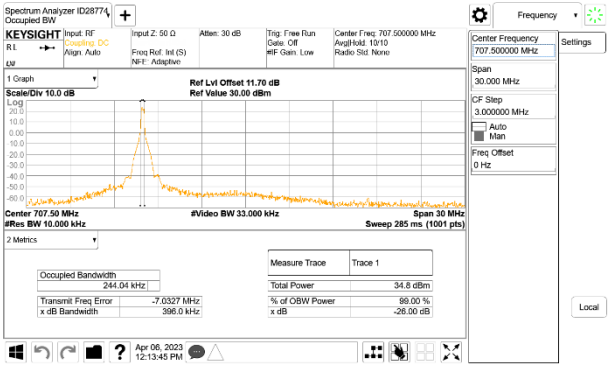
5G NR n12 5MHz BPSK Middle Channel RB25-0



5G NR n12 10MHz BPSK Middle Channel RB50-0

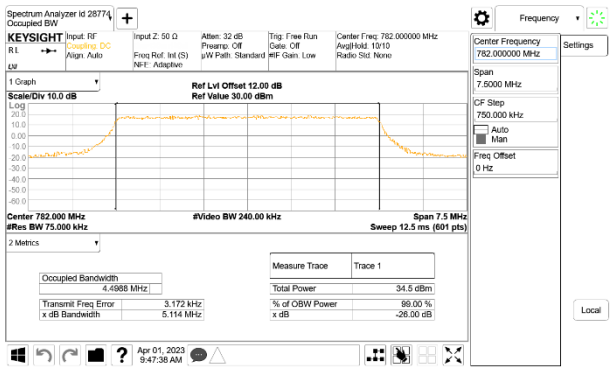


5G NR n12 15MHz BPSK Middle Channel RB75-0

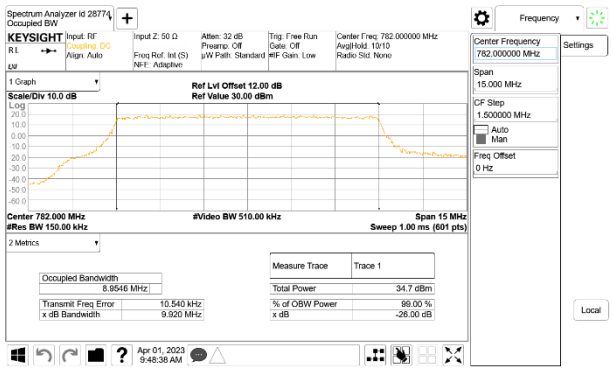


5G NR n12 15MHz BPSK Middle Channel RB1-0

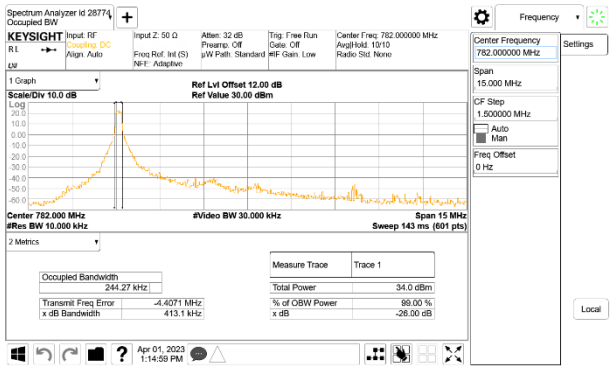
9.1.3. LTE BAND 13



LTE B13 5MHz QPSK Middle Channel RB25-0



LTE B13 10MHz QPSK Middle Channel RB50-0

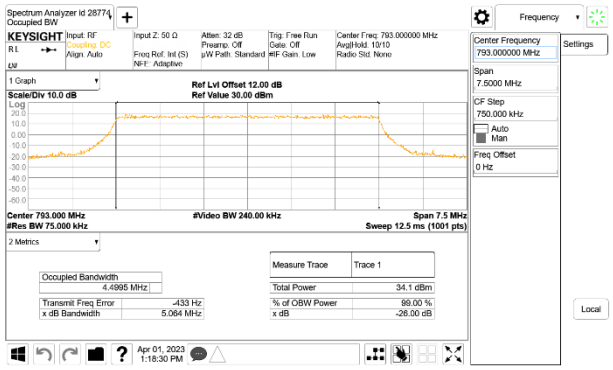


LTE B13 10MHz QPSK Middle Channel RB1-0

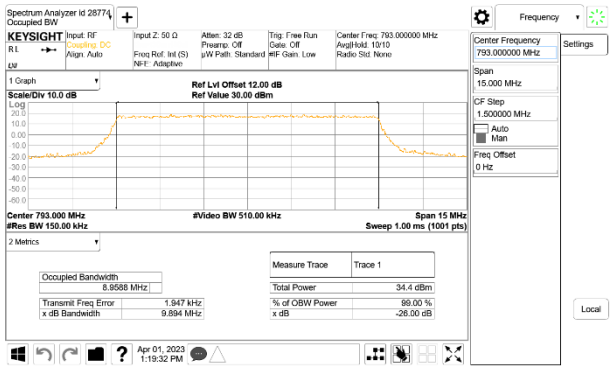
Intentionally Blank

9.1.4. LTE BAND 14 AND 5G NR n14

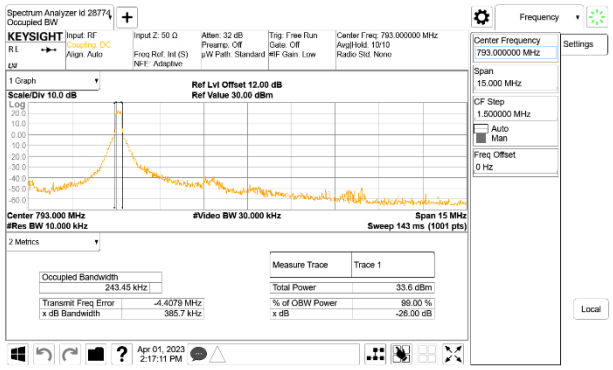
LTE BAND 14



LTE B14 5MHz QPSK Middle Channel RB25-0



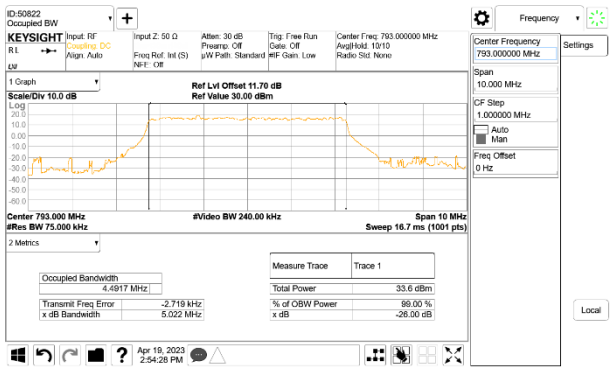
LTE B14 10MHz QPSK Middle Channel RB50-0



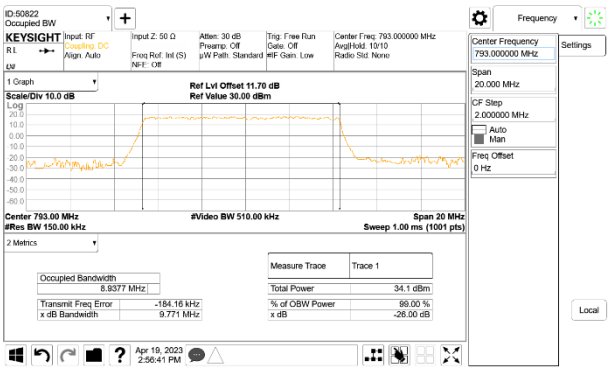
LTE B14 10MHz QPSK Middle Channel RB1-0

Intentionally Blank

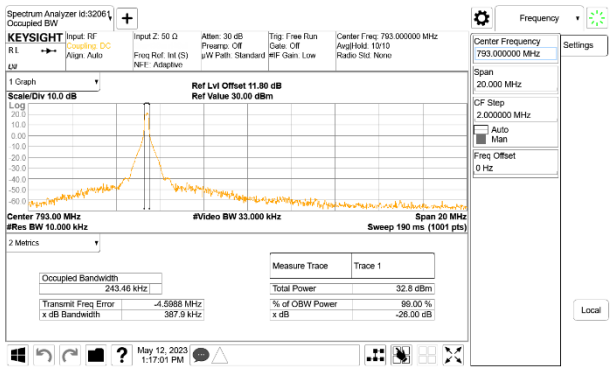
5G NR n14



5G NR n14 5MHz BPSK Middle Channel RB25-0



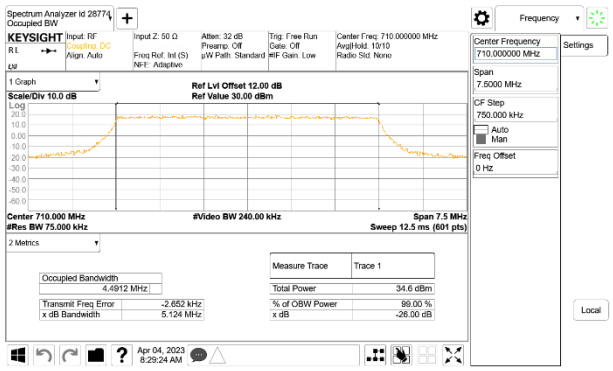
5G NR n14 10MHz BPSK Middle Channel RB50-0



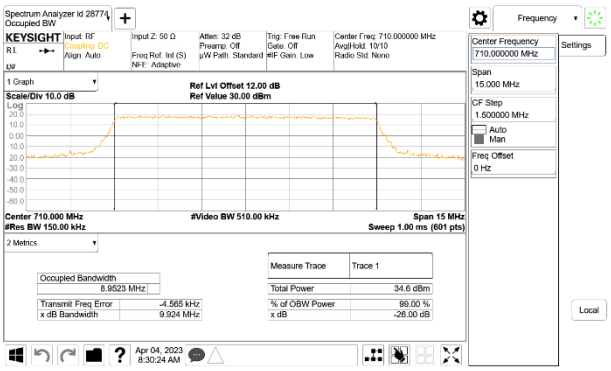
5G NR n14 10MHz BPSK Middle Channel RB1-0

Intentionally Blank

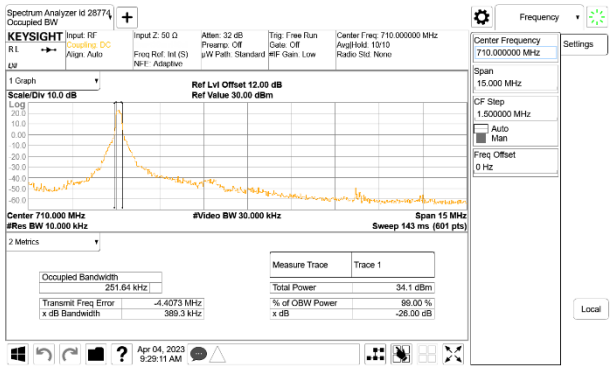
9.1.5. LTE BAND 17



LTE B17 5MHz QPSK Middle Channel RB25-0



LTE B17 10MHz QPSK Middle Channel RB50-0

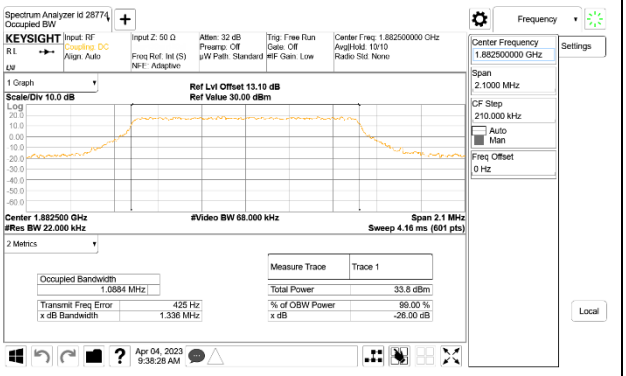


LTE B17 10MHz QPSK Middle Channel RB1-0

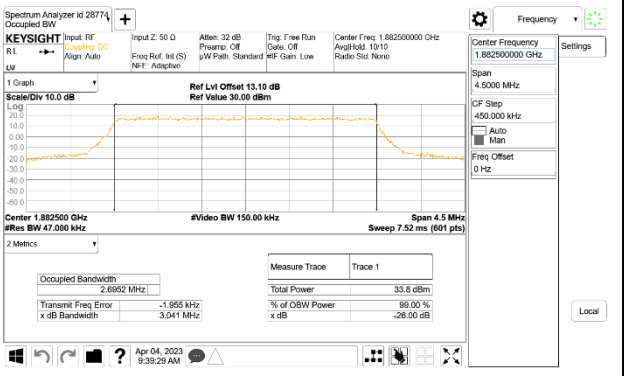
Intentionally Blank

9.1.6. LTE BAND 25 AND 5G NR n25

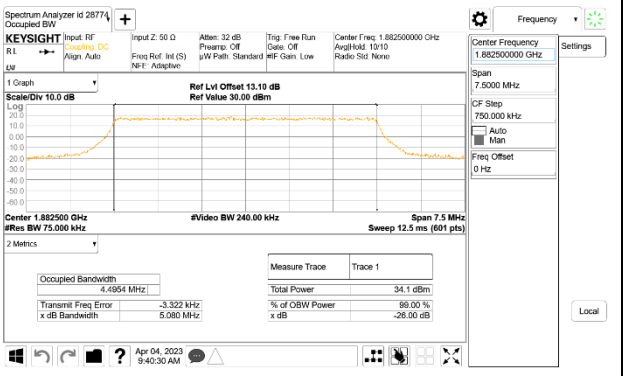
LTE BAND 25



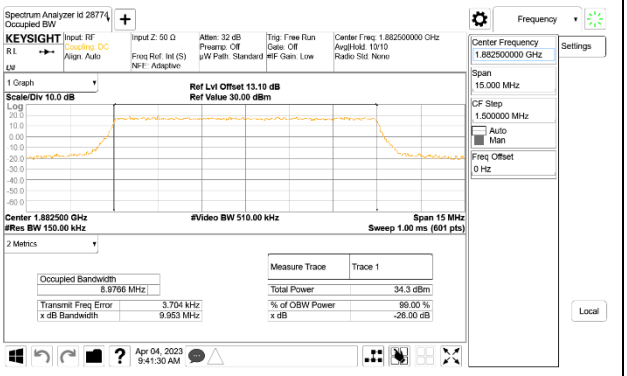
LTE B25 1.4MHz QPSK Middle Channel RB6-0



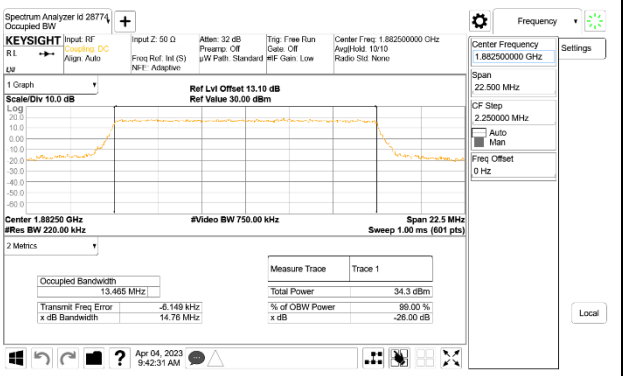
LTE B25 3MHz QPSK Middle Channel RB15-0



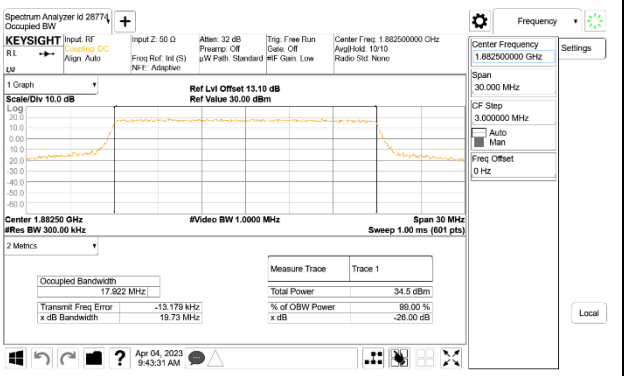
LTE B25 5MHz QPSK Middle Channel RB25-0



LTE B25 10MHz QPSK Middle Channel RB50-0



LTE B25 15MHz QPSK Middle Channel RB75-0

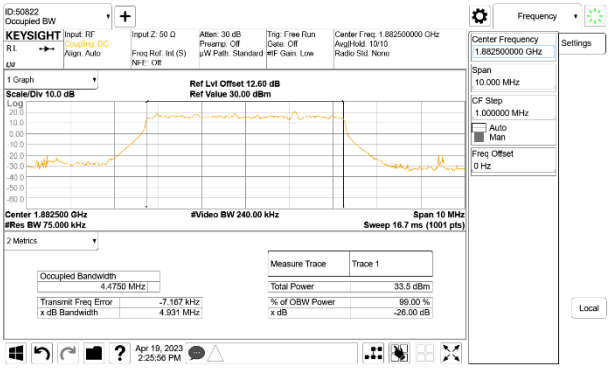


LTE B25 20MHz QPSK Middle Channel RB100-0

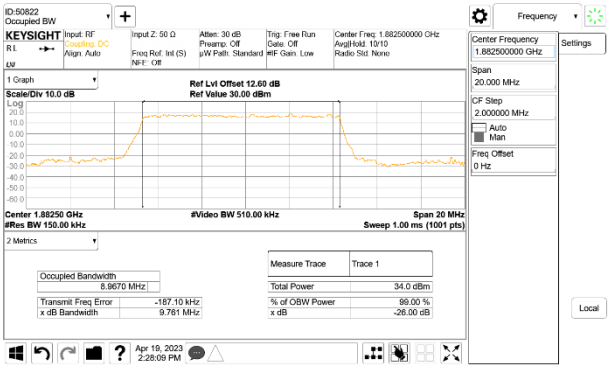
LTE B25 20MHz QPSK Middle Channel RB1-0

Intentionally Blank

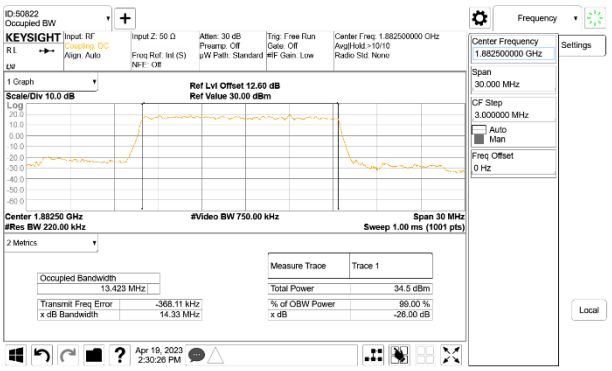
5G NR n25



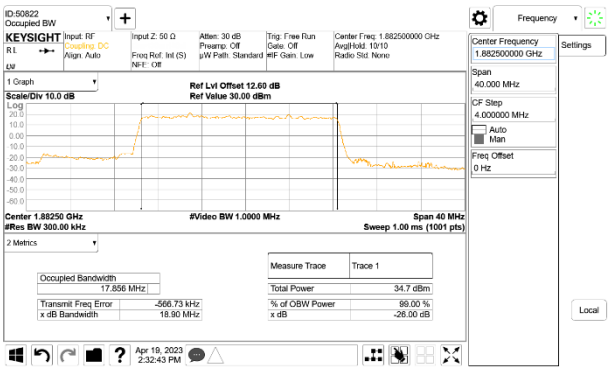
5G NR n25 5MHz BPSK Middle Channel RB25-0



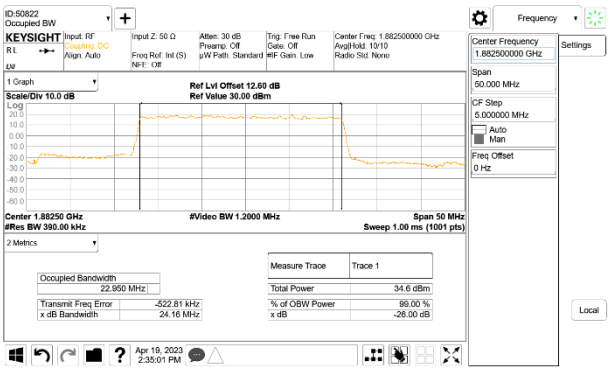
5G NR n25 10MHz BPSK Middle Channel RB50-0



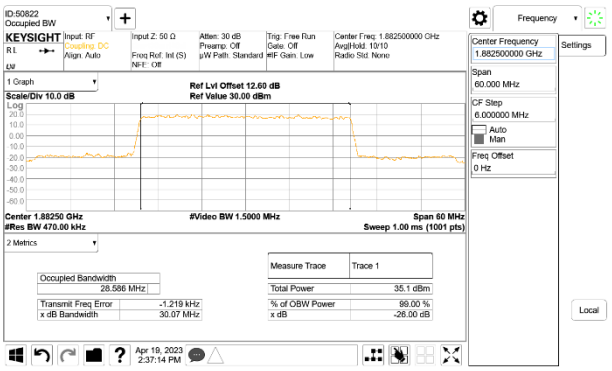
5G NR n25 15MHz BPSK Middle Channel RB75-0



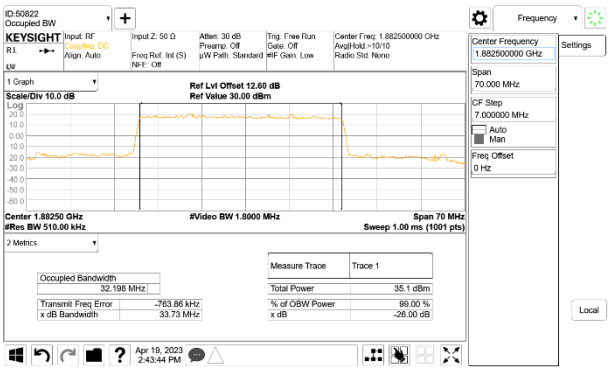
5G NR n25 20MHz BPSK Middle Channel RB100-0



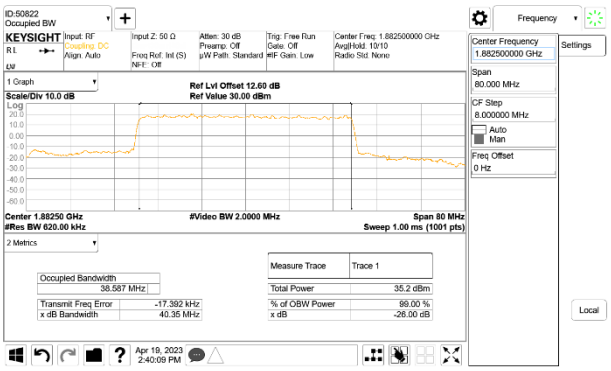
5G NR n25 25MHz BPSK Middle Channel RB128-0



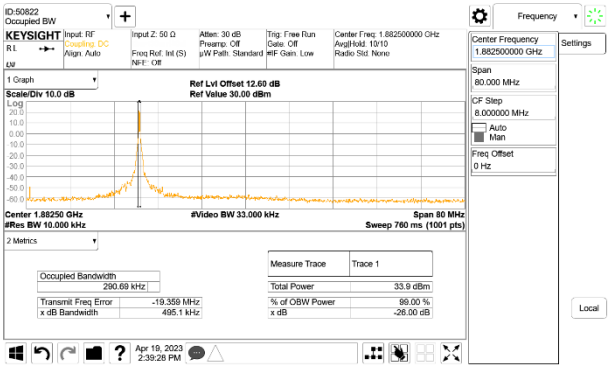
5G NR n25 30MHz BPSK Middle Channel RB160-0



5G NR n25 35MHz BPSK Middle Channel RB180-0



5G NR n25 40MHz BPSK Middle Channel RB216-0



5G NR n25 40MHz BPSK Middle Channel RB1-0

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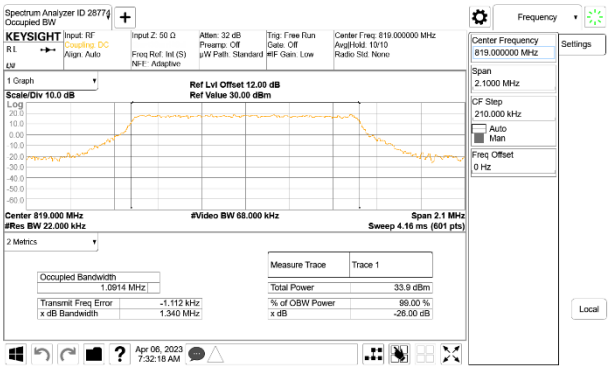
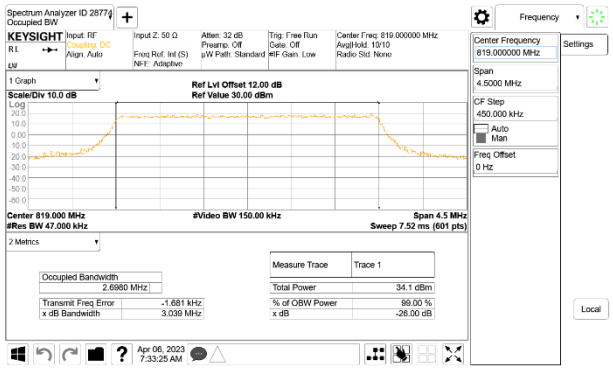
9.1.7. LTE BAND 26 AND 5G NR n26 (PART 90S)

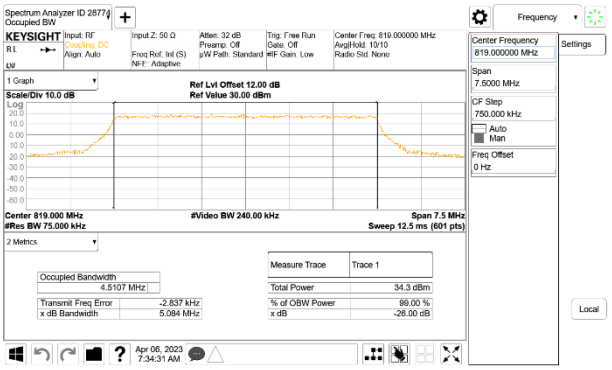
LTE BAND 26



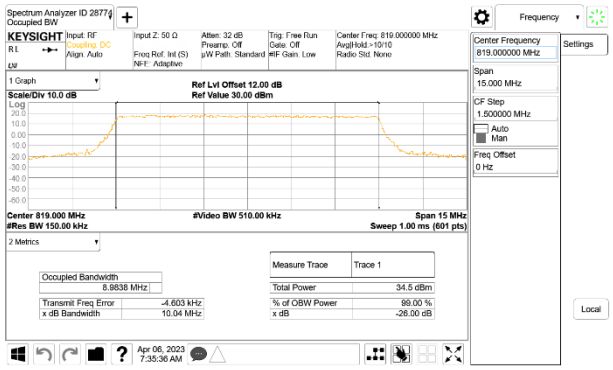
LTE B26 1.4MHz QPSK Middle Channel RB6-0



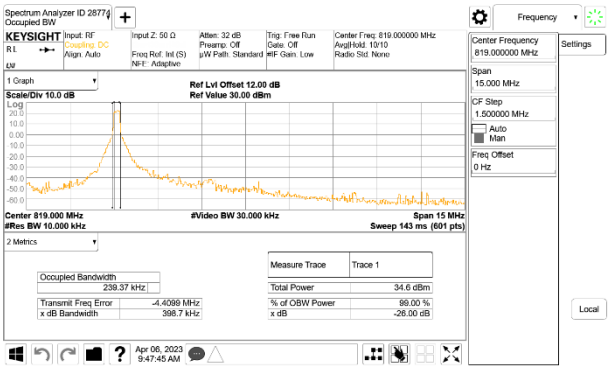
LTE B26 3MHz QPSK Middle Channel RB15-0



LTE B26 5MHz QPSK Middle Channel RB25-0



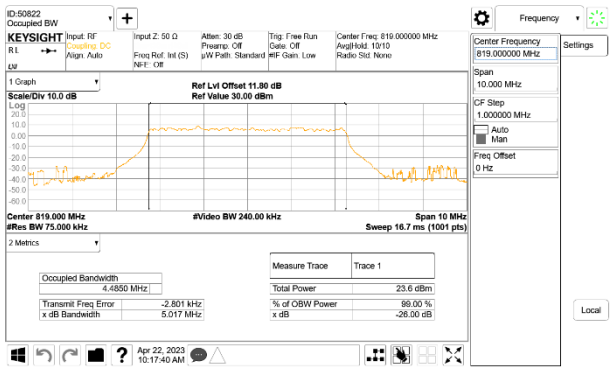
LTE B26 10MHz QPSK Middle Channel RB50-0



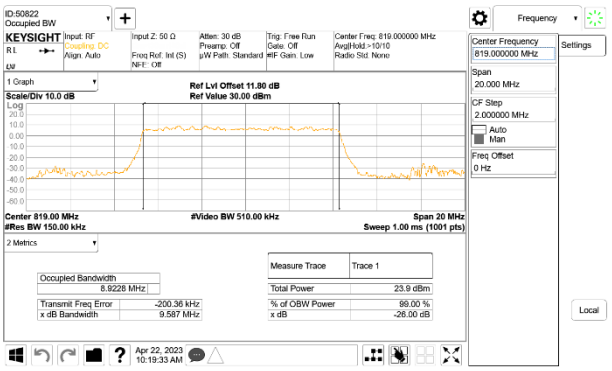
LTE B26 10MHz QPSK Middle Channel RB1-0

Intentionally Blank

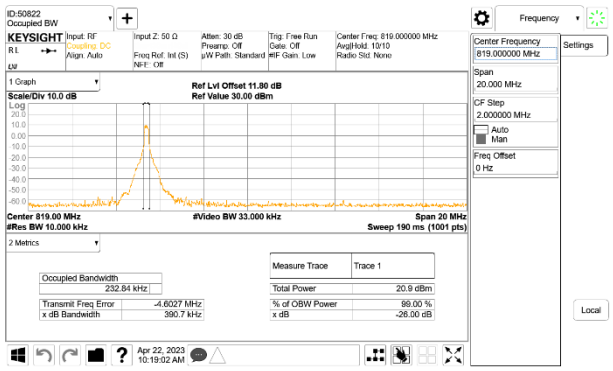
5G NR n26 (PART 90S)



5G NR n26 5MHz BPSK Middle Channel RB25-0



5G NR n26 10MHz BPSK Middle Channel RB50-0

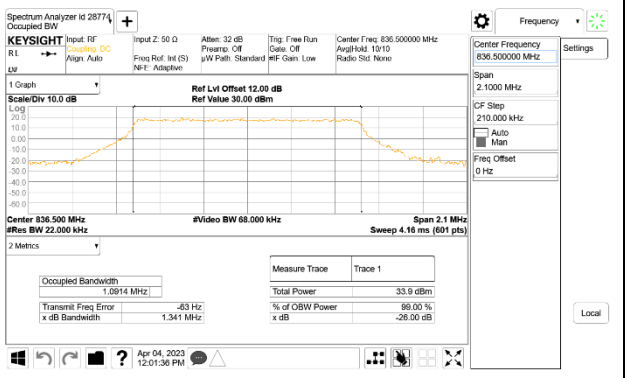


5G NR n26 10MHz BPSK High Channel RB1-0

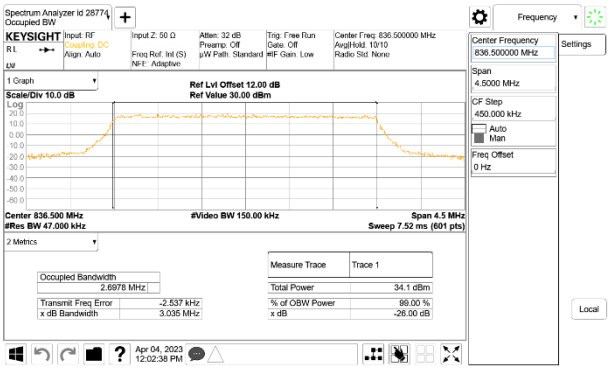
Intentionally Blank

9.1.8. LTE BAND 26 AND 5G NR n26 (PART 22)

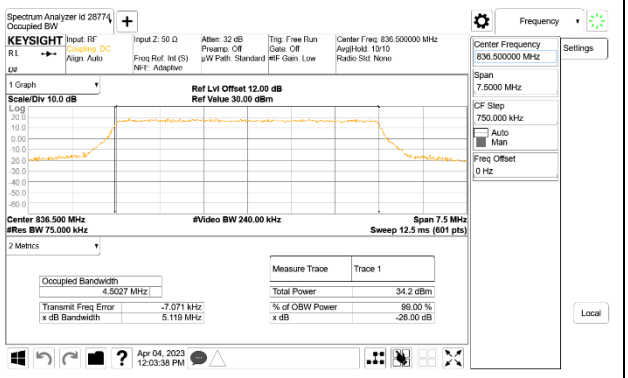
LTE BAND 26 (PART 90S)



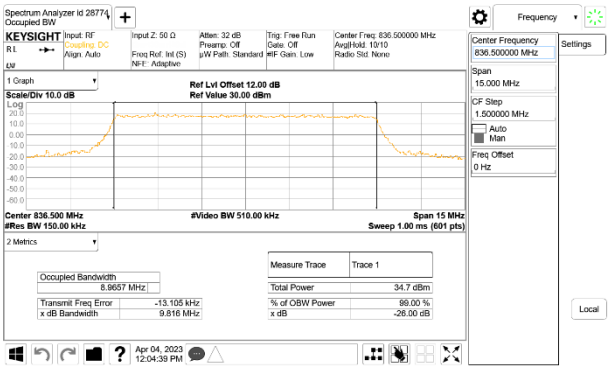
LTE B26 1.4MHz QPSK Middle Channel RB6-0



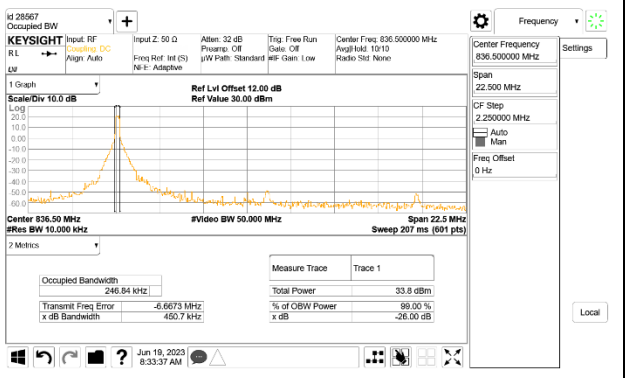
LTE B26 3MHz QPSK Middle Channel RB15-0



LTE B26 5MHz QPSK Middle Channel RB25-0



LTE B26 10MHz QPSK Middle Channel RB50-0



LTE B26 10MHz QPSK Middle Channel RB1-0

Intentionally Blank