TEST REPORT

Report Number: 14523740-E18V3

Applicant	:	APPLE, INC 1 APPLE PARK WAY CUPERTINO, CA 95014, U.S.A.
Model	:	A2848
Brand	:	APPLE
FCC ID	:	BCG-E8435A
IC	:	579C-E8435A
EUT Description	:	SMARTPHONE
Test Standard(s)	:	FCC 47 CFR PART2, 22H, 24E, 27, 90S, 90R, AND 96

Date Of Issue:
2023-08-02

Prepared by:
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CERT #0751.05

Revision History

Rev.	Issue Date	Revisions	Revised By
V1	2023-07-11	Initial Review	Mengistu Mekuria
V2	2023-07-25	Addressed TCB Feedback Section 2, 6, 9	Andrew Le
V3	2023-08-02	Address TCB Questions Sections 6.2 for n71	Mengistu Mekuria

TABLE OF CONTENTS

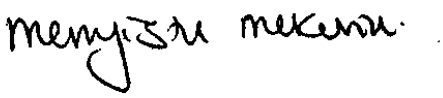
1. ATTESTATION OF TEST RESULTS

Applicant Name and Address	APPLE, INC 1 APPLE PARK WAY CUPERTINO, CA 95014, U.S.A.
Model	A2848
Brand	APPLE
FCC ID	BCG-E8435A
EUT Description	SMARTPHONE
Serial Number	CGYYK1Q2H7, PW29XTVX25 (CODUCTED) AND JK757KHXGW, L924YC39V4 (RADIATED)
	2022-11-04
Date Tested	2022-11-07 to 2023-06-27
Applicable Standards	FCC 47 CFR Part2, 22H, 24E, 27, 90S, 90R, 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.	Eric Ting Senior Test Engineer UL Verification Services Inc.	Carlos Caudana Laboratory Engineer UL Verification Services Inc.

2. SUMMARY OF TEST RESULTS

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

1. Antenna gain (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	Complies	
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)	Complies	
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)	Complies	
Frequency Stability	2.1055, 22.355, 24.235, 27.54, 90.539, 90.213	Complies	
Peak-to-Average Ratio	22.913 (d), 24.232 (d), 27.50 (d) (5), 27.50 (j) (4), 96.41 (g)	Complies	
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)	Complies	

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, 802.15.4, 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 2)	-1.10

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	2502.5	2567.5	23.70	22.60	0.182	4504	4M50G7W
	16QAM			23.17	22.07	0.161	4509	4M51D7W
10.0	QPSK	2505.0	2565.0	23.70	22.60	0.182	8983	8M98G7W
	16QAM			23.26	22.16	0.164	9004	9M00D7W
15.0	QPSK	2507.5	2562.5	23.70	22.60	0.182	13497	13M5G7W
	16QAM			23.18	22.08	0.161	13463	13M5D7W
20.0	QPSK	2510.0	2560.0	23.70	22.60	0.182	17957	18M0G7W
	16QAM			23.11	22.01	0.159	17960	18M0D7W

5G NR n7

Part 27	
EIRP Limit (W)	2.00
Antenna Gain (dBi)_(Ant 2)	-1.10

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	23.70	22.60	0.182	4507	4M51G7W
	QPSK			23.70	22.60	0.182	4487	4M49G7W
	16QAM			22.92	21.82	0.152	4477	4M48D7W
10.0	BPSK	2505.0	2565.0	23.70	22.60	0.182	8980	8M98G7W
	QPSK			23.70	22.60	0.182	9017	9M02G7W
	16QAM			23.33	22.23	0.167	8988	8M99D7W
15.0	BPSK	2507.5	2562.5	23.70	22.60	0.182	13469	13M5G7W
	QPSK			23.70	22.60	0.182	13424	13M4G7W
	16QAM			23.01	21.91	0.155	13463	13M5D7W
20.0	BPSK	2510.0	2560.0	23.70	22.60	0.182	17939	17M9G7W
	QPSK			23.70	22.60	0.182	17897	17M9G7W
	16QAM			22.98	21.88	0.154	17917	17M9D7W
25.0	BPSK	2512.5	2557.5	23.70	22.60	0.182	22851	22M9G7W
	QPSK			23.70	22.60	0.182	22870	22M9G7W
	16QAM			22.99	21.89	0.155	22964	23M0D7W
30.0	BPSK	2515.0	2555.0	23.70	22.60	0.182	28671	28M7G7W
	QPSK			23.70	22.60	0.182	28609	28M6G7W
	16QAM			23.35	22.25	0.168	28689	28M7D7W
35.0	BPSK	2517.5	2552.5	23.70	22.60	0.182	32179	32M2D7W
	QPSK			23.70	22.60	0.182	32180	32M2D7W
	16QAM			23.26	22.16	0.164	32127	32M1D7W
40.0	BPSK	2520.0	2550.0	23.70	22.60	0.182	38513	38M5G7W
	QPSK			23.70	22.60	0.182	38611	38M6G7W
	16QAM			23.08	21.98	0.158	38716	38M7D7W

LTE BAND 12

Part 27	
ERP Limit (W)	3.00
Antenna Gain (dBi)_(Ant 1)	-5.90

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	699.7	715.3	25.70	17.65	0.058	1.089	1K09G7W
	16QAM			25.36	17.31	0.054	1.096	1K10D7W
3.0	QPSK	700.5	714.5	25.70	17.65	0.058	2.702	2K70G7W
	16QAM			25.40	17.35	0.054	2.706	2K71D7W
5.0	QPSK	701.5	713.5	25.70	17.65	0.058	4.495	4K50G7W
	16QAM			25.37	17.32	0.054	4.509	4K51D7W
10.0	QPSK	704.0	711.0	25.70	17.65	0.058	8.957	8K96G7W
	16QAM			25.49	17.44	0.055	8.987	8K99D7W

5G NR n12

Part 27	
ERP Limit (W)	3.00
Antenna Gain (dBi)_(Ant 1)	-5.90

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	17.65	0.058	4467	4M47G7W
	QPSK			25.68	17.63	0.058	4474	4M47G7W
	16QAM			24.98	16.93	0.049	4481	4M48D7W
10.0	BPSK	704.0	711.0	25.70	17.65	0.058	8939	8M94G7W
	QPSK			25.70	17.65	0.058	8967	8M97G7W
	16QAM			25.46	17.41	0.055	8959	8M96D7W
15.0	BPSK	706.5	708.5	25.70	17.65	0.058	13448	13M4G7W
	QPSK			25.65	17.60	0.058	13449	13M4G7W
	16QAM			24.97	16.92	0.049	13420	13M4D7W

LTE BAND 13

Part 27	
ERP Limit (W)	3.00
Antenna Gain (dBi)_(Ant 1)	-4.80

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	18.75	0.075	4509	4M51G7W
	16QAM			25.45	18.50	0.071	4501	4M50D7W
10.0	QPSK	782.0	782.0	25.70	18.75	0.075	8956	8M96G7W
	16QAM			25.38	18.43	0.070	8951	8M95D7W

LTE BAND 14

Part 90R	
ERP Limit (W)	3.00
Antenna Gain (dBi)_(Ant 1)	-4.80

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	18.75	0.075	4500	4M50G7W
	16QAM			25.42	18.47	0.070	4495	4M50D7W
10.0	QPSK	793.0	793.0	25.70	18.75	0.075	8982	8M98G7W
	16QAM			25.43	18.48	0.070	8954	8M95D7W

5G NR n14

Part 90R	
ERP Limit (W)	3.00
Antenna Gain (dBi)_(Ant 1)	-4.80

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	18.75	0.075	4493	4M49G7W
	QPSK			25.70	18.75	0.075	4503	4M50G7W
	16QAM			25.01	18.06	0.064	4492	4M49D7W
10.0	BPSK	793.0	793.0	25.67	18.72	0.074	8951	8M95G7W
	QPSK			25.70	18.75	0.075	8973	8M97G7W
	16QAM			25.17	18.22	0.066	8985	8M99D7W

LTE BAND 17

Part 27	
ERP Limit (W)	3.00
Antenna Gain (dBi)_(Ant 1)	-5.90

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	17.65	0.058	4501	4M50G7W
	16QAM			25.46	17.41	0.055	4899	4M90D7W
10.0	QPSK	709.0	711.0	25.70	17.65	0.058	8964	8M96G7W
	16QAM			25.55	17.50	0.056	8978	8M98D7W

LTE BAND 25

Part 24	
EIRP Limit (W)	2.00
Antenna Gain (dBi)_(Ant 3)	-2.20

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	23.30	0.214	1096	1M10G7W
	16QAM			25.02	22.82	0.191	1093	1M09D7W
3.0	QPSK	1851.5	1913.5	25.50	23.30	0.214	2703	2M70G7W
	16QAM			25.01	22.81	0.191	2707	2M71D7W
5.0	QPSK	1852.5	1912.5	25.50	23.30	0.214	4500	4M50G7W
	16QAM			25.01	22.81	0.191	4508	4M51D7W
10.0	QPSK	1855.0	1910.0	25.50	23.30	0.214	8988	8M99G7W
	16QAM			25.08	22.88	0.194	8971	8M97D7W
15.0	QPSK	1857.5	1907.5	25.50	23.30	0.214	13469	13M5G7W
	16QAM			25.02	22.82	0.191	13467	13M5D7W
20.0	QPSK	1860.0	1905.0	25.50	23.30	0.214	17915	17M9G7W
	16QAM			25.08	22.88	0.194	17958	18M0D7W

5G NR n25

Part 24	
EIRP Limit (W)	2.00
Antenna Gain (dBi)_(Ant 3)	-2.20

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	1852.5	1912.5	25.31	23.11	0.205	4478	4M48G7W
	QPSK			25.36	23.16	0.207	4505	4M51G7W
	16QAM			24.59	22.39	0.173	4485	4M49D7W
10.0	BPSK	1855.0	1910.0	25.28	23.08	0.203	8955	8M96G7W
	QPSK			25.34	23.14	0.206	8963	8M96G7W
	16QAM			24.81	22.61	0.182	8936	8M94D7W
15.0	BPSK	1857.5	1907.5	25.39	23.19	0.208	13368	13M4G7W
	QPSK			25.37	23.17	0.207	13436	13M4G7W
	16QAM			24.82	22.62	0.183	13445	13M4D7W
20.0	BPSK	1860.0	1905.0	25.37	23.17	0.207	17870	17M9G7W
	QPSK			25.38	23.18	0.208	17898	17M9G7W
	16QAM			24.58	22.38	0.173	17892	17M9D7W
25.0	BPSK	1862.5	1902.5	25.40	23.20	0.209	22906	22M9G7W
	QPSK			25.40	23.20	0.209	22802	22M8G7W
	16QAM			24.64	22.44	0.175	22844	22M8D7W
30.0	BPSK	1865.0	1900.0	25.50	23.30	0.214	28595	28M6G7W
	QPSK			25.36	23.16	0.207	28598	28M6G7W
	16QAM			24.91	22.71	0.187	28542	28M5D7W
35.0	BPSK	1867.5	1897.5	25.50	23.30	0.214	32175	32M2D7W
	QPSK			25.50	23.30	0.214	32194	32M2D7W
	16QAM			24.69	22.49	0.177	32168	32M2D7W
40.0	BPSK	1870.0	1895.0	25.42	23.22	0.210	38612	38M6G7W
	QPSK			25.33	23.13	0.206	38618	38M6G7W
	16QAM			24.56	22.36	0.172	38544	38M5D7W

LTE BAND 26 (Part 90S)

Part 90S	
Conducted Limit (W)	100.00
Antenna Gain (dBi)_Ant 1)	-5.80

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	17.75	0.060	1092	1M09G7W
	16QAM			25.31	0.34	17.36	0.054	1094	1M09D7W
3.0	QPSK	815.5	822.5	25.70	0.37	17.75	0.060	2711	2M71G7W
	16QAM			25.43	0.35	17.48	0.056	2703	2M70D7W
5.0	QPSK	816.5	821.5	25.70	0.37	17.75	0.060	4493	4M49G7W
	16QAM			25.40	0.35	17.45	0.056	4503	4M50D7W
10.0	QPSK	819.0	819.0	25.70	0.37	17.75	0.060	8982	8M98G7W
	16QAM			25.32	0.34	17.37	0.055	8976	8M98D7W

5G NR n26 (Part 90S)

Part 90S	
Conducted Limit (W)	100.00
Antenna Gain (dBi)_Ant 1)	-5.80

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	25.70	0.37	17.75	0.060	4474	4M47G7W
	QPSK			25.70	0.37	17.75	0.060	4489	4M49G7W
	16QAM			25.17	0.33	17.22	0.053	4487	4M49D7W
10.0	BPSK	819.0	819.0	25.60	0.36	17.65	0.058	8960	8M96G7W
	QPSK			25.70	0.37	17.75	0.060	8938	8M94G7W
	16QAM			25.03	0.32	17.08	0.051	8945	8M95D7W

LTE BAND 26 (Part 22)

Part 22	
ERP Limit (W)	7.00
Antenna Gain (dBi)_(Ant 1)	-5.80

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	17.75	0.060	1087	1M09G7W
	16QAM			25.29	17.34	0.054	1094	1M09D7W
3.0	QPSK	825.5	847.5	25.70	17.75	0.060	2710	2M71G7W
	16QAM			25.46	17.51	0.056	2703	2M70D7W
5.0	QPSK	826.5	846.5	25.70	17.75	0.060	4497	4M50G7W
	16QAM			25.41	17.46	0.056	4503	4M50D7W
10.0	QPSK	829.0	844.0	25.70	17.75	0.060	8968	8M97G7W
	16QAM			25.51	17.56	0.057	8976	8M98D7W

5G NR n26 (Part 22)

Part 22	
ERP Limit (W)	7.00
Antenna Gain (dBi)_(Ant 1)	-5.80

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	25.69	17.74	0.059	4483	4M48G7W
	QPSK			25.70	17.75	0.060	4489	4M49G7W
	16QAM			25.14	17.19	0.052	4467	4M47D7W
10.0	BPSK	829.0	844.0	25.66	17.71	0.059	8931	8M93G7W
	QPSK			25.70	17.75	0.060	8928	8M93G7W
	16QAM			25.47	17.52	0.056	8956	8M96D7W
15.0	BPSK	816.5	841.5	25.70	17.75	0.060	13391	13M4G7W
	QPSK			25.70	17.75	0.060	13372	13M4G7W
	16QAM			25.13	17.18	0.052	13408	13M4D7W
20.0	BPSK	814.0	839.0	25.70	17.75	0.060	17896	17M9G7W
	QPSK			25.70	17.75	0.060	17889	17M9G7W
	16QAM			25.05	17.10	0.051	17905	17M9D7W

LTE BAND 30

Part 27	
EIRP Limit (W)	0.25
Antenna Gain (dBi)_(Ant 3)	-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	2307.5	2312.5	25.00	23.10	0.204	4506	4M51G7W
	16QAM			24.43	22.53	0.179	4501	4M50D7W
10.0	QPSK	2310.0	2310.0	25.00	23.10	0.204	8974	8M97G7W
	16QAM			24.40	22.50	0.178	9001	9M00D7W

5G NR n30

Part 27	
EIRP Limit (W)	0.25
Antenna Gain (dBi)_(Ant 3)	-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	BPSK	2307.5	2312.5	24.50	22.60	0.182	4511	4M51G7W
	QPSK			23.99	22.09	0.162	4507	4M51G7W
	16QAM			24.34	22.44	0.175	4475	4M48D7W
10.0	BPSK	2310.0	2310.0	24.50	22.60	0.182	8971	8M97G7W
	QPSK			24.46	22.56	0.180	8944	8M94G7W
	16QAM			24.07	22.17	0.165	8944	8M94D7W

LTE BAND 41

Part 27	
EIRP Limit (W)	2.00
Antenna Gain (dBi)_(Ant 2)	-1.40

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	QPSK	2498.5	2687.5	28.70	27.30	0.537	4488	4M49G7W
	16QAM			27.99	26.59	0.456	4491	4M49D7W
10.0	QPSK	2501.0	2685.0	28.70	27.30	0.537	8990	8M99G7W
	16QAM			28.61	27.21	0.526	8990	8M99D7W
15.0	QPSK	2503.5	2682.5	28.70	27.30	0.537	13445	13M4G7W
	16QAM			27.58	26.18	0.415	13458	13M5D7W
20.0	QPSK	2506.0	2680.0	28.70	27.30	0.537	17941	17M9G7W
	16QAM			28.42	27.02	0.504	17921	17M9D7W

5G NR n41

Part 27	
EIRP Limit (W)	2.00
Antenna Gain (dBi)_(Ant 2)	-1.40

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	28.70	27.30	0.537	8644	8M64G7W
	QPSK			27.66	26.26	0.423	8619	8M62G7W
	16QAM			26.77	25.37	0.344	8646	8M65D7W
15.0	BPSK	2503.5	2682.5	28.70	27.30	0.537	13026	13M0G7W
	QPSK			27.70	26.30	0.427	12896	12M9G7W
	16QAM			26.95	25.55	0.359	12885	12M9D7W
20.0	BPSK	2506.5	2680.0	28.70	27.30	0.537	18002	18M0G7W
	QPSK			28.05	26.65	0.462	17921	17M9G7W
	16QAM			27.51	26.11	0.408	17945	17M9D7W
30.0	BPSK	2511.0	2675.0	28.70	27.30	0.537	26755	26M8G7W
	QPSK			28.08	26.68	0.466	26883	26M9G7W
	16QAM			27.44	26.04	0.402	26904	26M9D7W
40.0	BPSK	2516.0	2670.0	28.70	27.30	0.537	35776	35M8G7W
	QPSK			28.04	26.64	0.461	35824	35M8G7W
	16QAM			27.35	25.95	0.394	35701	35M7D7W
50.0	BPSK	2521.0	2665.0	28.70	27.30	0.537	45797	45M8G7W
	QPSK			28.51	27.11	0.514	45864	45M9G7W
	16QAM			27.93	26.53	0.450	45764	45M8D7W
60.0	BPSK	2526.0	2660.0	28.70	27.30	0.537	57999	58M0G7W
	QPSK			27.68	26.28	0.425	57868	57M9G7W
	16QAM			27.21	25.81	0.381	57807	57M8D7W
70.0	BPSK	2531.0	2655.0	28.70	27.30	0.537	64195	64M2G7W
	QPSK			27.94	26.54	0.451	64324	64M3G7W
	16QAM			27.30	25.90	0.389	64300	64M3D7W
80.0	BPSK	2536.0	2650.0	28.70	27.30	0.537	77130	77M1G7W
	QPSK			27.86	26.46	0.443	77241	77M2G7W
	16QAM			27.30	25.90	0.389	77194	77M2D7W
90.0	BPSK	2541.0	2645.0	28.70	27.30	0.537	86922	86M9G7W
	QPSK			27.88	26.48	0.445	86665	86M7G7W
	16QAM			27.27	25.87	0.386	86592	86M6D7W
100.0	BPSK	2546.0	2640.0	28.70	27.30	0.537	96381	96M4G7W
	QPSK			27.64	26.24	0.421	96570	96M6G7W
	16QAM			26.94	25.54	0.358	96244	96M2D7W

LTE BAND 48

LOW CHANNEL

Part 96	
EIRP Limit (W)/ 10MHz	0.20
Antenna Gain (dBi)_Ant(8)	-2.90

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	3552.5	3697.5	24.90	22.00	0.158	4492	4M49G7W
	16QAM			24.09	21.19	0.132	4478	4M48D7W
10.0	QPSK	3555.0	3695.0	24.90	22.00	0.158	8956	8M96G7W
	16QAM			24.16	21.26	0.134	8892	8M89D7W
15.0	QPSK	3557.5	3692.5	24.90	22.00	0.158	13435	13M4G7W
	16QAM			24.18	21.28	0.134	13455	13M5D7W
20.0	QPSK	3560.0	3690.0	24.90	22.00	0.158	17753	17M8G7W
	16QAM			24.20	21.30	0.135	17845	17M8D7W

MIDDLE CHANNEL

Part 96	
EIRP Limit (W)/ 10MHz	0.20
Antenna Gain (dBi)_(Ant 8)	-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	QPSK	3552.5	3697.5	24.72	22.32	0.171	4492	4M49G7W
	16QAM			23.98	21.58	0.144	4478	4M48D7W
10.0	QPSK	3555.0	3695.0	24.84	22.44	0.175	8956	8M96G7W
	16QAM			24.03	21.63	0.146	8892	8M89D7W
15.0	QPSK	3557.5	3692.5	24.78	22.38	0.173	13435	13M4G7W
	16QAM			24.00	21.60	0.145	13455	13M5D7W
20.0	QPSK	3560.0	3690.0	24.78	22.38	0.173	17753	17M8G7W
	16QAM			24.06	21.66	0.147	17845	17M8D7W

HIGH CHANNEL

Part 96	
EIRP Limit (W)/ 10MHz	0.20
Antenna Gain (dBi)_Ant(8)	-2.80

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	24.50	21.70	0.148	4492	4M49G7W
	16QAM			23.76	20.96	0.125	4478	4M48D7W
10.0	QPSK	3555.0	3695.0	24.51	21.71	0.148	8956	8M96G7W
	16QAM			23.72	20.92	0.124	8892	8M89D7W
15.0	QPSK	3557.5	3692.5	24.50	21.70	0.148	13435	13M4G7W
	16QAM			23.78	20.98	0.125	13455	13M5D7W
20.0	QPSK	3560.0	3690.0	24.50	21.70	0.148	17753	17M8G7W
	16QAM			23.85	21.05	0.127	17845	17M8D7W

5G NR n48

LOW CHANNEL

Part 96	
EIRP Limit (W)	0.20
Antenna Gain (dBi)_Ant(8)	-2.90

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	3555.0	3695.0	24.90	22.00	0.158	8649	8M65G7W
	QPSK			24.87	21.97	0.157	8593	8M59G7W
	16QAM			24.31	21.41	0.138	8588	8M59D7W
15.0	BPSK	3557.5	3692.5	24.90	22.00	0.158	12918	12M9G7W
	QPSK			24.83	21.93	0.156	12913	12M9G7W
	16QAM			24.55	21.65	0.146	12895	12M9D7W
20.0	BPSK	3560.0	3690.0	24.33	21.43	0.139	17876	17M9G7W
	QPSK			24.14	21.24	0.133	17808	17M8G7W
	16QAM			23.60	20.70	0.117	17945	17M9D7W
30.0	BPSK	3565.0	3685.0	23.75	20.85	0.122	26765	26M8G7W
	QPSK			23.40	20.50	0.112	26680	26M7G7W
	16QAM			22.92	20.02	0.100	26759	26M8D7W
40.0	BPSK	3570.0	3680.0	24.24	21.34	0.136	35633	35M6G7W
	QPSK			23.96	21.06	0.128	35583	35M6G7W
	16QAM			23.64	20.74	0.119	35786	35M8D7W

MIDDLE CHANNEL

Part 96	
EIRP Limit (W)	0.20
Antenna Gain (dBi)_(Ant 8)	-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
10.0	BPSK	3555.0	3695.0	24.87	22.47	0.177	8649	8M65G7W
	QPSK			24.87	22.47	0.177	8593	8M59G7W
	16QAM			24.31	21.91	0.155	8588	8M59D7W
15.0	BPSK	3557.5	3692.5	24.90	22.50	0.178	12918	12M9G7W
	QPSK			24.84	22.44	0.175	12913	12M9G7W
	16QAM			24.37	21.97	0.157	12895	12M9D7W
20.0	BPSK	3560.0	3690.0	24.76	22.36	0.172	17876	17M9G7W
	QPSK			24.52	22.12	0.163	17808	17M8G7W
	16QAM			23.90	21.50	0.141	17945	17M9D7W
30.0	BPSK	3565.0	3685.0	24.80	22.40	0.174	26765	26M8G7W
	QPSK			24.44	22.04	0.160	26680	26M7G7W
	16QAM			23.97	21.57	0.144	26759	26M8D7W
40.0	BPSK	3570.0	3680.0	24.69	22.29	0.169	35633	35M6G7W
	QPSK			24.26	21.86	0.153	35583	35M6G7W
	16QAM			23.47	21.07	0.128	35786	35M8D7W

HIGH CHANNEL

Part 96	
EIRP Limit (W)	0.20
Antenna Gain (dBi)_Ant(8)	-2.80

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	24.88	22.08	0.161	8649	8M65G7W
	QPSK			24.84	22.04	0.160	8593	8M59G7W
	16QAM			24.31	21.51	0.142	8588	8M59D7W
15.0	BPSK	3557.5	3692.5	24.86	22.06	0.161	12918	12M9G7W
	QPSK			24.84	22.04	0.160	12913	12M9G7W
	16QAM			24.27	21.47	0.140	12895	12M9D7W
20.0	BPSK	3560.0	3690.0	24.90	22.10	0.162	17876	17M9G7W
	QPSK			24.60	21.80	0.151	17808	17M8G7W
	16QAM			23.69	20.89	0.123	17945	17M9D7W
30.0	BPSK	3565.0	3685.0	24.90	22.10	0.162	26765	26M8G7W
	QPSK			24.55	21.75	0.150	26680	26M7G7W
	16QAM			23.86	21.06	0.128	26759	26M8D7W
40.0	BPSK	3570.0	3680.0	24.90	22.10	0.162	35633	35M6G7W
	QPSK			24.51	21.71	0.148	35583	35M6G7W
	16QAM			23.98	21.18	0.131	35786	35M8D7W

LTE BAND 66

Part 27	
EIRP Limit (W)	1.00
Antenna Gain (dBi)_(Ant 4)	-1.80

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	23.40	0.219	1090	1M09G7W
	16QAM			24.89	23.09	0.204	1098	1M10D7W
3.0	QPSK	1711.5	1778.5	25.20	23.40	0.219	2699	2M70G7W
	16QAM			24.92	23.12	0.205	2697	2M70D7W
5.0	QPSK	1712.5	1777.5	25.20	23.40	0.219	4501	4M50G7W
	16QAM			24.89	23.09	0.204	4501	4M50D7W
10.0	QPSK	1715.0	1775.0	25.20	23.40	0.219	8961	8M96G7W
	16QAM			24.85	23.05	0.202	8977	8M98D7W
15.0	QPSK	1717.5	1772.5	25.20	23.40	0.219	13450	13M5G7W
	16QAM			24.82	23.02	0.200	13449	13M4D7W
20.0	QPSK	1720.0	1770.0	25.20	23.40	0.219	17956	18M0G7W
	16QAM			24.90	23.10	0.204	17937	17M9D7W

5G NR n66

Part 27	
EIRP Limit (W)	1.00
Antenna Gain (dBi)_(Ant 4)	-1.80

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	BPSK	1712.5	1777.5	25.20	23.40	0.219	4462	4M46G7W
	QPSK			25.20	23.40	0.219	4500	4M50G7W
	16QAM			24.49	22.69	0.186	4476	4M48D7W
10.0	BPSK	1715.0	1775.0	25.20	23.40	0.219	8969	8M97G7W
	QPSK			25.20	23.40	0.219	8963	8M96G7W
	16QAM			24.63	22.83	0.192	8950	8M95D7W
15.0	BPSK	1717.5	1772.5	25.17	23.37	0.217	13421	13M4G7W
	QPSK			25.20	23.40	0.219	13411	13M4G7W
	16QAM			24.65	22.85	0.193	13414	13M4D7W
20.0	BPSK	1720.0	1770.0	25.20	23.40	0.219	17927	17M9G7W
	QPSK			25.20	23.40	0.219	17871	17M9G7W
	16QAM			24.54	22.74	0.188	17913	17M9D7W
25.0	BPSK	1722.5	1767.5	25.16	23.36	0.217	22906	22M9D7W
	QPSK			25.20	23.40	0.219	22902	22M9D7W
	16QAM			24.59	22.79	0.190	22829	22M8D7W
30.0	BPSK	1725.0	1765.0	25.20	23.40	0.219	28587	28M6G7W
	QPSK			25.11	23.31	0.214	28610	28M6G7W
	16QAM			24.84	23.04	0.201	28603	28M6D7W
35.0	BPSK	1727.5	1762.5	25.20	23.40	0.219	32225	32M2D7W
	QPSK			25.20	23.40	0.219	32119	32M1D7W
	16QAM			24.36	22.56	0.180	32137	32M1D7W
40.0	BPSK	1730.0	1760.0	25.20	23.40	0.219	38570	38M6G7W
	QPSK			25.20	23.40	0.219	38590	38M6G7W
	16QAM			24.43	22.63	0.183	38597	38M6D7W

5G NR n70

Part 27	
EIRP Limit (W)	1.00
Antenna Gain (dBi)_(Ant 1)	-1.70

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	25.70	24.00	0.251	4490	4M49G7W
	QPSK			25.70	24.00	0.251	4486	4M49G7W
	16QAM			25.24	23.54	0.226	4488	4M49D7W
10.0	BPSK	1700.0	1705.0	25.70	24.00	0.251	8990	8M99G7W
	QPSK			25.70	24.00	0.251	8962	8M96G7W
	16QAM			25.23	23.53	0.225	8937	8M94D7W
15.0	BPSK	1702.5	1702.5	25.64	23.94	0.248	13399	13M4G7W
	QPSK			25.70	24.00	0.251	13404	13M4G7W
	16QAM			24.90	23.20	0.209	13453	13M5D7W

LTE BAND 71

Part 27	
ERP Limit (W)	3.00
Antenna Gain (dBi)_(Ant 1)	-6.00

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	25.70	17.55	0.057	4501	4M50G7W
	16QAM			25.28	17.13	0.052	4497	4M50D7W
10.0	QPSK	668.0	693.0	25.70	17.55	0.057	8962	8M96G7W
	16QAM			25.18	17.03	0.050	8965	8M97D7W
15.0	QPSK	670.5	690.5	25.70	17.55	0.057	13452	13M5G7W
	16QAM			25.24	17.09	0.051	13458	13M5D7W
20.0	QPSK	673.0	688.0	25.70	17.55	0.057	17888	17M9G7W
	16QAM			25.31	17.16	0.052	17872	17M9D7W

5G NR n71

Part 27	
ERP Limit (W)	3.00
Antenna Gain (dBi)_(Ant 1)	-6.00

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	25.70	17.55	0.057	4480	4M48G7W
	QPSK			25.70	17.55	0.057	4472	4M47G7W
	16QAM			25.22	17.07	0.051	4487	4M49D7W
10.0	BPSK	668.0	693.0	25.70	17.55	0.057	8961	8M96G7W
	QPSK			25.70	17.55	0.057	8950	8M95G7W
	16QAM			25.06	16.91	0.049	8926	8M93D7W
15.0	BPSK	670.5	690.5	25.67	17.52	0.056	13390	13M4D7W
	QPSK			25.70	17.55	0.057	13406	13M4D7W
	16QAM			24.93	16.78	0.048	13432	13M4D7W
20.0	BPSK	673.0	688.0	25.70	17.55	0.057	17867	17M9G7W
	QPSK			25.70	17.55	0.057	17852	17M9G7W
	16QAM			25.09	16.94	0.049	17895	17M9D7W

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

Part 27	
EIRP Limit (W)	1.00
Antenna Gain (dBi) (Ant 8)	-1.80

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	3455.0	3545.0	26.20	24.40	0.275	8599	8M60G7W
	QPSK			26.16	24.36	0.273	8600	8M60G7W
	16QAM			26.00	24.20	0.263	8604	8M60D7W
15.0	BPSK	3457.5	3542.5	26.20	24.40	0.275	12945	12M9G7W
	QPSK			26.20	24.40	0.275	12892	12M9G7W
	16QAM			26.00	24.20	0.263	12885	12M9D7W
20.0	BPSK	3460.0	3540.0	26.20	24.40	0.275	17879	17M9G7W
	QPSK			26.19	24.39	0.275	17933	17M9G7W
	16QAM			26.11	24.31	0.270	17895	17M9D7W
30.0	BPSK	3465.0	3535.0	26.20	24.40	0.275	26889	26M9G7W
	QPSK			26.16	24.36	0.273	26858	26M9G7W
	16QAM			25.95	24.15	0.260	26862	26M9D7W
40.0	BPSK	3470.0	3530.0	26.20	24.40	0.275	35747	35M7G7W
	QPSK			26.18	24.38	0.274	35755	35M8G7W
	16QAM			26.14	24.34	0.272	35723	35M7D7W
50.0	BPSK	3475.0	3525.0	26.20	24.40	0.275	45776	45M8G7W
	QPSK			26.10	24.30	0.269	45722	45M7G7W
	16QAM			26.01	24.21	0.264	45809	45M8D7W
60.0	BPSK	3480.0	3520.0	26.20	24.40	0.275	57905	57M9G7W
	QPSK			26.20	24.40	0.275	57911	57M9G7W
	16QAM			26.16	24.36	0.273	57762	57M8D7W
70.0	BPSK	3485.0	3515.0	26.20	24.40	0.275	64227	64M2G7W
	QPSK			26.20	24.40	0.275	64278	64M3G7W
	16QAM			26.15	24.35	0.272	64460	64M5D7W
80.0	BPSK	3490.0	3510.0	26.20	24.40	0.275	77290	77M3G7W
	QPSK			26.15	24.35	0.272	77077	77M1G7W
	16QAM			26.12	24.32	0.270	77305	77M3D7W
90.0	BPSK	3495.0	3505.0	26.20	24.40	0.275	86737	86M7G7W
	QPSK			26.20	24.40	0.275	87035	87M0G7W
	16QAM			26.09	24.29	0.269	86821	86M8D7W
100.0	BPSK	3500.0	3500.0	26.20	24.40	0.275	96476	96M5G7W
	QPSK			26.08	24.28	0.268	96637	96M6G7W
	16QAM			25.85	24.05	0.254	96717	96M7D7W

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

Part 27	
EIRP Limit (W)	1.00
Antenna Gain (dBi)_(Ant 7)	-5.40

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	23.30	0.214	8608	8M61G7W
	QPSK			28.10	22.70	0.186	8654	8M65G7W
	16QAM			27.27	21.87	0.154	8592	8M59D7W
15.0	BPSK	3707.5	3972.5	28.70	23.30	0.214	12864	12M9G7W
	QPSK			28.21	22.81	0.191	12873	12M9G7W
	16QAM			27.77	22.37	0.173	12866	12M9D7W
20.0	BPSK	3710.0	3970.0	28.70	23.30	0.214	17845	17M8G7W
	QPSK			28.27	22.87	0.194	17900	17M9G7W
	16QAM			27.77	22.37	0.173	17944	17M9D7W
30.0	BPSK	3715.0	3965.0	28.70	23.30	0.214	26754	26M8G7W
	QPSK			28.23	22.83	0.192	26834	26M8G7W
	16QAM			27.75	22.35	0.172	26805	26M8D7W
40.0	BPSK	3720.0	3960.0	28.70	23.30	0.214	35810	35M8G7W
	QPSK			28.68	23.28	0.213	35662	35M7G7W
	16QAM			28.20	22.80	0.191	35684	35M7D7W
50.0	BPSK	3725.0	3955.0	28.70	23.30	0.214	45609	45M6G7W
	QPSK			27.90	22.50	0.178	45665	45M7G7W
	16QAM			27.77	22.37	0.173	45655	45M7D7W
60.0	BPSK	3730.0	3950.0	28.70	23.30	0.214	57959	58M0G7W
	QPSK			28.23	22.83	0.192	57946	57M9G7W
	16QAM			27.77	22.37	0.173	57739	57M7D7W
70.0	BPSK	3735.0	3945.0	28.70	23.30	0.214	64199	64M2G7W
	QPSK			28.17	22.77	0.189	64322	64M3G7W
	16QAM			27.77	22.37	0.173	64299	64M3D7W
80.0	BPSK	3740.0	3940.0	28.70	23.30	0.214	77158	77M2G7W
	QPSK			28.27	22.87	0.194	76979	77M0G7W
	16QAM			27.77	22.37	0.173	76934	76M9D7W
90.0	BPSK	3745.0	3935.0	28.70	23.30	0.214	86768	86M8G7W
	QPSK			28.27	22.87	0.194	86680	86M7G7W
	16QAM			27.75	22.35	0.172	86583	86M6D7W
100.0	BPSK	3750.0	3930.0	28.70	23.30	0.214	96251	96M3G7W
	QPSK			28.17	22.77	0.189	96241	96M2G7W
	16QAM			27.75	22.35	0.172	96222	96M2D7W

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, 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	-2.8	-3.0	-2.2	-1.0			
LTE Band 4	1710 – 1755	-2.8	-3.8	-3.1	-1.6			
LTE Band 5, 5G NR n5	824 – 849	-5.8	-5.8	-7.8				
LTE Band 7, 5G NR n7	2500 – 2570	-4.8	-1.1	-2.7	-3.5			
LTE Band 12, 5G NR n12	699 – 716	-5.9	-7.0	-8.2				
LTE Band 13	777 – 787	-4.8	-5.8	-8.3				
LTE Band 14, 5G NR n14	788 – 798	-4.8	-5.8	-8.3				
LTE Band 17	704 – 716	-5.9	-7.0	-8.2				
LTE Band 25, 5G NR n25	1850 – 1915	-2.8	-3.0	-2.2	-1.0			
LTE Band 26, 5G NR n26	814 – 849	-5.8	-5.8	-7.8				
LTE Band 30, 5G NR n30	2305 – 2315	-9.1	-3.9	-1.9	-4.8			
LTE Band 41, 5G NR n41	2496 – 2690	-5.2	-1.4	-3.0	-3.4			
LTE Band 41, 5G NR n41	2500 – 2690	-5.2	-1.4	-3.0	-3.4			
LTE Band 48, 5G NR n48(Low)	3550 – 3600				-3.2	-4.1	-2.9	-3.8
LTE Band 48, 5G NR n48 (Mid)	3600 – 3650				-2.3	-3.2	-2.4	-3.0
LTE Band 48, 5G NR n48(High)	3650 – 3700				-2.9	-3.9	-2.8	-4.4
LTE Band 66, 5G NR n66	1710 – 1780	-2.8	-5.0	-2.9	-1.8			
5G NR n70	1695 – 1710	-1.7	-3.9	-3.1	-1.8			
LTE Band 71, 5G NR n71	663 – 698	-6.0	-6.9	-9.4				
5G NR n77	3450 – 3550				-3.7	-6.1	-1.8	-4.3
5G NR n77	3700 – 3980				-3.9	-5.4	-3.8	-6.1

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.

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

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 5 and 5G NR n5	Ant 1
LTE BAND 7 and 5G NR n7	
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	
LTE BAND 48 and LTE BAND 48	Ant 7
5G NR n77	

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	Z	N/A	N/A	N/A	N/A	N/A
1710 – 1915 MHz	X	Z	X	X	N/A	N/A	N/A
2300 – 2700 MHz	X	Y	Y	Y	N/A	N/A	N/A
3300 – 3980 MHz	N/A	N/A	N/A	Y	X	Y	X

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.

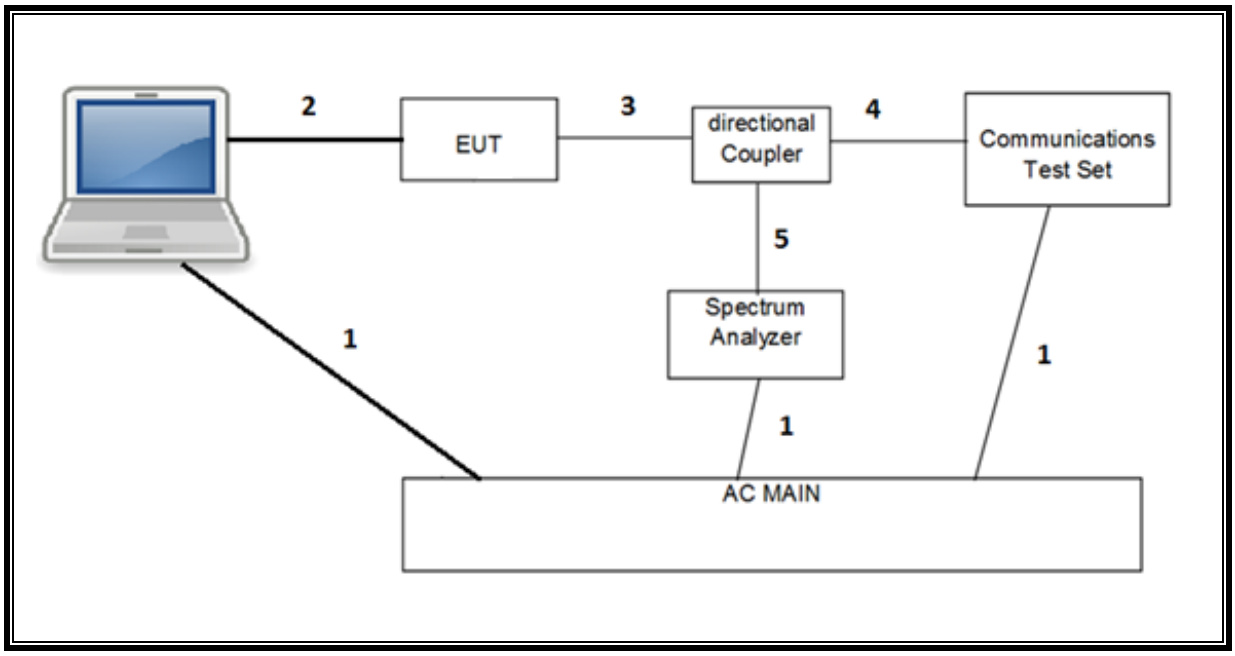
6.6. DESCRIPTION OF TEST SETUP

SUPPORT TEST EQUIPMENT					
Description	**Manufacturer**	**Model**	**Serial Number**	**FCC ID/ DoC**	
Laptop	Apple	MacBook Pro	HRP081469	--	
AC/DC adapter	Apple	A1718	C4H64450HH3GN8RA6	--	

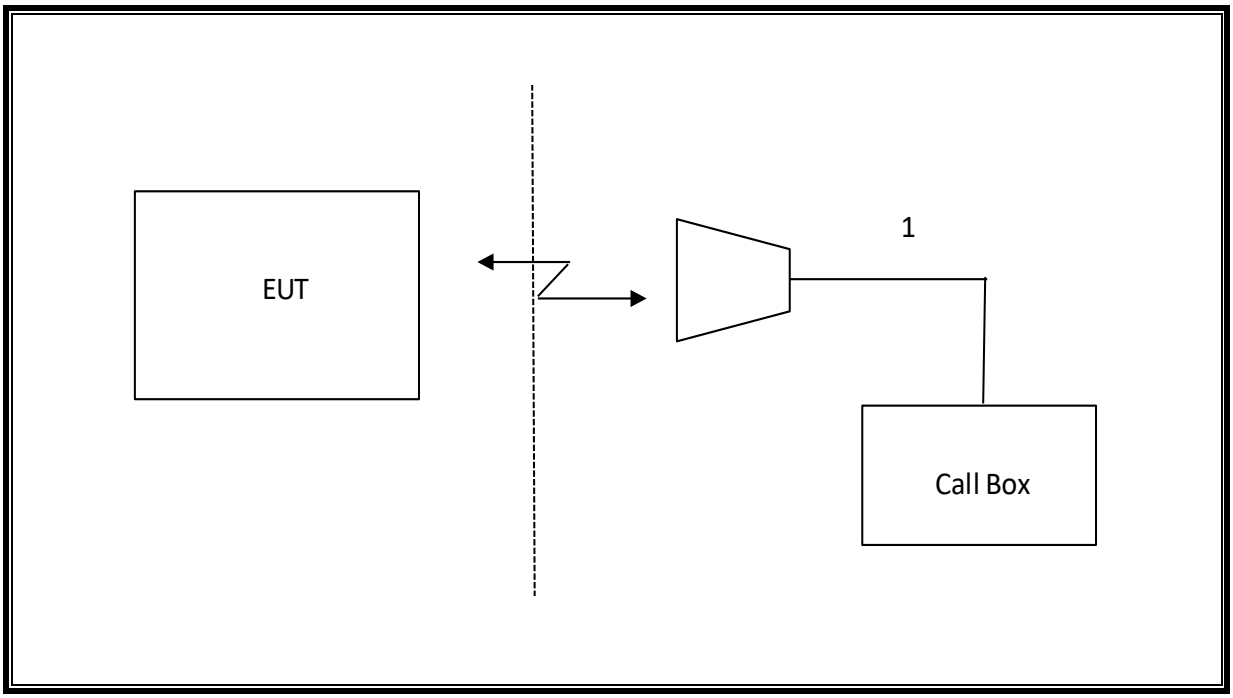
I/O CABLES (RF CONDUCTED TEST)						
Cable No.	**Port**	**# of Identical Ports**	**Connector Type**	**Cable Type**	**Cable Length (m)**	**Remarks**
1	AC	3	US 115V	Un-shielded	2.0	N/A
2	USB	1	DC	Un-shielded	1.0	N/A
3	RF In/Out	1	EUT	Un-shielded	0.6	N/A
4	RF In/Out	1	Communication Test Set	Un-shielded	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	06/082203
*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	02/29/20224
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	Verified/Characterized before use
10dB Fixed Attenuator	Pasternack Enterprises	PE7087-10	236285	Verified/Characterized before use
10dB Fixed Attenuator	Pasternack Enterprises	PE7087-10	236355	Verified/Characterized before use
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:	39004	Test Date:	11/9/2022

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	25.59	25.62	23.59	23.42	23.61	24.84	24.90	24.95	22.53	22.62	22.58
		1	12	**25.70**	**25.70**	**25.70**	**23.70**	**23.70**	**23.70**	**25.00**	**25.00**	**25.00**	**22.70**	**22.70**	**22.70**
		1	24	25.57	25.61	25.62	23.64	23.66	23.62	24.89	24.86	24.92	22.66	22.56	22.50
		12	0	24.90	24.91	24.90	22.62	22.62	22.65	23.84	23.89	23.91	21.62	21.66	21.51
		12	6	24.93	24.93	24.97	22.68	22.63	22.71	23.89	23.91	23.95	21.69	21.69	21.58
		12	11	24.91	24.92	24.94	22.64	22.61	22.63	23.88	23.90	23.91	21.65	21.67	21.53
		25	0	24.92	24.95	24.94	22.63	22.56	22.69	23.89	23.85	23.91	21.64	21.64	21.53
	16QAM	1	0	25.32	25.30	25.30	22.77	22.62	23.06	24.14	24.19	24.20	21.99	21.99	21.86
		1	12	25.41	25.43	**25.44**	22.88	22.69	**23.17**	**24.38**	24.37	24.33	**22.18**	22.16	22.08
		1	24	25.26	25.26	25.27	22.80	22.62	23.11	24.21	24.18	24.21	22.10	22.03	21.81
		12	0	23.96	24.11	23.96	21.67	21.56	21.76	22.97	22.94	23.05	20.64	20.71	20.62
		12	6	24.00	24.14	23.99	21.71	21.58	21.83	23.00	22.97	23.10	20.69	20.77	20.67
		12	11	23.96	24.11	23.97	21.67	21.56	21.74	22.96	22.95	23.05	20.70	20.75	20.64
		25	0	23.92	23.96	23.92	21.65	21.52	21.78	22.87	22.87	22.87	20.70	20.67	20.54
	64QAM	1	0	24.06	**24.20**	24.16	21.80	21.66	21.78	23.18	**23.23**	23.18	20.73	20.71	20.67
		1	12	24.07	**24.20**	24.19	21.83	21.73	**21.84**	23.22	23.21	**23.23**	**21.04**	20.76	20.73
		1	24	24.05	24.16	24.17	21.81	21.66	21.79	23.19	23.14	23.17	20.96	20.71	20.63
		12	0	22.92	22.96	22.96	20.60	20.48	20.66	21.75	21.91	21.92	19.63	19.63	19.57
		12	6	22.95	22.99	22.98	20.64	20.54	20.71	21.82	22.00	21.97	19.70	19.70	19.59
		12	11	22.93	22.95	22.95	20.66	20.52	20.64	21.83	21.96	21.93	19.71	19.68	19.60
		25	0	22.91	22.93	22.94	20.63	20.49	20.69	21.92	21.90	21.95	19.65	19.65	19.55
	256QAM	1	0	21.02	21.01	20.96	18.69	18.55	18.70	20.00	19.95	20.05	17.60	17.78	17.68
		1	12	**21.10**	21.09	21.02	18.68	18.61	**18.78**	20.10	20.02	**20.13**	17.73	**17.85**	17.73
		1	24	21.04	20.99	20.96	18.60	18.53	18.65	20.05	19.96	20.09	17.71	17.70	17.64
		12	0	20.88	20.90	20.90	18.49	18.43	18.64	19.88	19.91	19.96	17.59	17.65	17.57
		12	6	20.93	20.92	20.94	18.52	18.50	18.68	19.94	19.94	19.97	17.67	17.71	17.56
		12	11	20.88	20.91	20.94	18.49	18.50	18.62	19.91	19.92	19.97	17.66	17.70	17.57
		25	0	20.87	20.89	20.91	18.48	18.48	18.66	19.88	19.92	19.92	17.64	17.68	17.56

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**	25.69	25.69	23.64	23.65	23.62	24.96	**25.00**	24.95	22.57	22.68	**22.70**
		1	24	25.69	**25.70**	**25.70**	**23.70**	**23.70**	23.69	**25.00**	24.99	**25.00**	22.67	**22.70**	22.67
		1	49	25.64	25.68	25.68	**23.70**	23.68	**23.70**	**25.00**	24.92	24.96	**22.70**	22.66	22.62
		25	0	25.02	25.02	25.04	22.72	22.70	22.71	24.01	23.98	23.98	21.71	21.74	21.69
		25	12	25.04	25.04	25.06	22.66	22.76	22.75	23.95	24.04	24.01	21.69	21.79	21.71
		25	24	24.94	25.03	25.05	22.70	22.67	22.68	23.95	23.99	23.97	21.70	21.68	21.62
		50	0	24.93	25.03	25.04	22.71	22.73	22.75	23.91	23.99	23.96	21.67	21.74	21.68
	16QAM	1	0	25.41	**25.53**	25.52	23.19	23.07	23.03	24.27	24.41	**24.44**	21.98	**22.18**	22.01
		1	24	25.29	25.43	25.36	23.18	23.08	23.06	24.27	24.34	24.34	22.02	22.09	21.98
		1	49	25.31	25.44	25.51	**23.26**	23.05	23.12	24.38	24.37	24.35	22.09	22.14	21.95
		25	0	24.05	24.06	24.08	21.84	21.74	21.80	23.01	23.02	23.02	20.70	20.80	20.73
		25	12	24.07	24.07	24.09	21.78	21.76	21.84	22.97	23.03	23.05	20.69	20.82	20.71
		25	24	23.94	24.05	24.07	21.78	21.71	21.77	22.98	23.02	23.00	20.69	20.70	20.62
		50	0	23.93	24.02	24.08	21.71	21.77	21.79	22.91	23.01	22.97	20.68	20.78	20.71
	64QAM	1	0	**24.24**	24.16	24.09	21.95	21.90	21.86	23.22	23.28	23.28	20.86	20.97	20.97
		1	24	**24.24**	24.17	24.13	**22.00**	21.94	21.91	**23.31**	23.27	23.25	20.96	20.99	**21.00**
		1	49	24.15	24.13	24.10	21.98	21.94	21.90	23.27	23.22	23.21	20.96	20.95	20.94
		25	0	23.00	23.00	23.03	20.78	20.70	20.72	22.00	22.00	22.01	19.72	19.78	19.75
		25	12	23.01	23.03	23.04	20.75	20.71	20.78	21.96	22.04	22.01	19.71	19.86	19.78
		25	24	22.90	23.01	23.03	20.71	20.64	20.70	21.94	21.99	21.98	19.69	19.74	19.66
		50	0	22.92	23.01	23.01	20.70	20.70	20.75	21.91	22.01	21.99	19.69	19.82	19.71
	256QAM	1	0	21.12	21.13	21.02	18.81	18.72	18.83	20.01	20.05	19.97	17.60	17.84	17.81
		1	24	21.15	**21.16**	21.03	18.91	18.84	**18.93**	**20.14**	20.10	20.07	17.80	**17.93**	17.90
		1	49	21.00	21.14	21.06	18.84	18.75	18.82	20.06	20.02	19.95	17.74	17.78	17.77
		25	0	20.96	20.97	20.98	18.70	18.66	18.67	19.93	20.00	19.96	17.71	17.77	17.69
		25	12	20.99	20.99	21.01	18.68	18.70	18.73	19.95	20.03	19.98	17.67	17.79	17.71
		25	24	20.88	20.99	20.99	18.67	18.62	18.65	19.94	20.02	19.96	17.69	17.71	17.66
		50	0	20.87	20.97	20.99	18.64	18.66	18.70	19.90	19.99	19.96	17.63	17.78	17.72

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	**25.70**	**25.70**	**25.70**	23.60	23.63	23.59	24.91	**25.00**	24.99	22.54	22.68	22.68
		1	37	25.69	25.69	25.69	**23.70**	**23.70**	23.69	**25.00**	24.99	**25.00**	**22.70**	**22.70**	**22.70**
		1	74	25.61	25.62	25.64	**23.70**	23.68	**23.70**	24.93	24.92	24.92	22.68	22.66	22.56
		36	0	25.09	25.07	25.05	22.75	22.75	22.72	24.00	24.03	24.03	21.66	21.80	21.76
		36	16	25.00	25.07	25.07	22.78	22.82	22.79	23.96	24.04	24.05	21.74	21.82	21.78
		36	35	24.98	25.05	25.05	22.71	22.74	22.73	23.96	24.02	24.02	21.66	21.75	21.68
		75	0	24.98	25.05	25.05	22.78	22.79	22.78	23.95	24.01	24.00	21.65	21.81	21.76
	16QAM	1	0	25.44	25.47	25.36	22.99	23.07	22.87	24.31	24.31	24.22	21.79	22.11	22.12
		1	37	25.40	25.39	**25.49**	23.06	**23.18**	23.05	24.33	24.28	**24.38**	21.96	**22.14**	22.03
		1	74	25.32	25.34	25.33	22.95	23.08	23.05	24.24	24.16	24.20	21.94	22.08	22.05
		36	0	24.12	24.10	24.09	21.78	21.82	21.77	23.02	23.03	23.04	20.69	20.84	20.78
		36	16	24.03	24.11	24.11	21.81	21.84	21.81	22.99	23.03	23.04	20.76	20.85	20.80
		36	35	24.00	24.06	24.07	21.72	21.76	21.75	22.99	23.03	23.02	20.71	20.78	20.68
		75	0	24.03	24.08	24.08	21.77	21.81	21.79	22.99	23.03	23.04	20.65	20.84	20.79
	64QAM	1	0	**24.21**	24.17	24.08	21.87	21.77	21.79	23.22	23.34	23.33	20.70	20.97	20.83
		1	37	**24.21**	24.17	24.10	**21.93**	21.83	21.82	23.39	**23.40**	23.32	20.78	**21.00**	20.81
		1	74	24.14	24.12	24.08	21.88	21.83	21.83	23.28	23.26	23.22	20.86	20.98	20.76
		36	0	23.08	23.04	23.06	20.74	20.73	20.70	22.01	22.05	22.03	19.66	19.85	19.77
		36	16	22.99	23.06	23.05	20.78	20.78	20.76	21.98	22.04	22.05	19.74	19.86	19.78
		36	35	22.96	23.03	23.04	20.70	20.71	20.69	21.97	22.05	22.04	19.68	19.77	19.70
		75	0	22.97	23.06	23.05	20.78	20.80	20.76	21.97	22.05	22.06	19.65	19.85	19.79
	256QAM	1	0	21.12	**21.14**	21.08	18.75	18.74	18.68	19.98	20.06	20.00	17.65	17.90	17.82
		1	37	21.10	21.08	21.13	18.80	18.80	18.75	20.07	**20.08**	19.99	17.80	**17.96**	17.82
		1	74	21.09	21.12	21.13	**18.82**	18.80	18.72	20.08	20.05	19.98	17.79	17.95	17.77
		36	0	21.04	21.04	21.03	18.69	18.74	18.67	20.02	20.06	20.04	17.65	17.85	17.78
		36	16	20.95	21.03	21.02	18.73	18.75	18.71	19.99	20.06	20.07	17.71	17.86	17.79
		36	35	20.94	21.03	21.02	18.66	18.70	18.66	20.01	20.07	**20.08**	17.69	17.78	17.70
		75	0	20.92	21.03	21.02	18.72	18.77	18.70	19.98	20.04	20.06	17.65	17.86	17.79

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	**25.70**	**25.70**	**25.70**	23.56	23.56	23.55	24.92	**25.00**	**25.00**	22.58	**22.70**	**22.70**
		1	49	25.62	25.65	25.62	23.66	23.64	23.62	**25.00**	24.99	24.98	**22.70**	22.69	22.62
		1	99	25.58	25.61	25.59	**23.70**	**23.70**	**23.70**	**25.00**	24.87	24.89	**22.70**	22.58	22.60
		50	0	25.05	25.05	25.04	22.71	22.73	22.70	24.03	24.04	24.03	21.72	21.71	21.71
		50	24	25.07	25.06	25.05	22.70	22.78	22.76	24.00	24.06	24.05	21.79	21.74	21.72
		50	49	24.95	25.02	25.02	22.68	22.70	22.71	23.97	24.00	24.02	21.72	21.65	21.60
		100	0	25.05	25.05	25.05	22.66	22.75	22.77	23.99	24.02	24.05	21.67	21.72	21.70
	16QAM	1	0	25.35	25.35	25.42	22.92	22.86	22.87	24.16	24.43	24.34	21.81	22.03	22.03
		1	49	25.44	25.48	**25.56**	23.05	**23.11**	**23.11**	24.47	24.52	**24.53**	22.17	**22.28**	22.24
		1	99	25.14	25.33	25.36	22.96	23.06	23.01	24.23	24.22	24.30	21.92	21.97	21.95
		50	0	24.08	24.08	24.09	21.73	21.73	21.75	23.05	23.02	23.07	20.73	20.73	20.71
		50	24	24.07	24.06	24.06	21.68	21.80	21.79	23.01	23.04	23.07	20.80	20.74	20.72
		50	49	23.95	24.06	24.03	21.68	21.71	21.73	23.01	23.00	23.04	20.74	20.66	20.62
		100	0	24.08	24.06	24.05	21.66	21.78	21.77	22.99	23.01	23.07	20.70	20.72	20.70
	64QAM	1	0	24.27	24.18	24.29	21.74	21.69	21.76	23.15	23.16	23.22	20.69	20.81	20.81
		1	49	24.31	24.22	**24.32**	21.91	21.94	**21.94**	23.37	**23.39**	23.32	20.87	**20.91**	20.89
		1	99	24.08	24.25	24.26	21.85	21.79	21.83	23.15	23.10	23.17	20.83	20.76	20.69
		50	0	23.04	23.01	23.03	20.68	20.72	20.68	22.02	22.05	22.06	19.68	19.74	19.71
		50	24	23.05	23.01	23.03	20.62	20.75	20.76	22.00	22.06	22.08	19.77	19.78	19.73
		50	49	22.91	22.98	23.00	20.62	20.68	20.67	21.99	22.03	22.06	19.70	19.65	19.60
		100	0	23.04	23.00	23.02	20.62	20.75	20.72	21.99	22.02	22.08	19.68	19.74	19.71
	256QAM	1	0	21.24	21.15	21.19	18.81	18.89	18.80	20.10	20.20	**20.25**	17.74	17.86	17.87
		1	49	21.15	21.08	21.07	18.76	18.88	18.83	20.23	20.16	20.22	17.85	17.81	17.79
		1	99	21.12	21.13	21.23	18.83	18.86	**18.90**	20.21	20.14	20.19	**17.89**	17.79	17.86
		50	0	21.02	20.97	**21.25**	18.61	18.65	18.64	20.03	20.07	20.06	17.67	17.70	17.71
		50	24	21.02	20.98	21.24	18.59	18.73	18.71	20.02	20.08	20.06	17.77	17.76	17.71
		50	49	20.93	20.96	**21.25**	18.59	18.67	18.64	20.01	20.07	20.06	17.72	17.67	17.64
		100	0	21.01	20.96	**21.25**	18.57	18.70	18.68	20.00	20.06	20.07	17.67	17.75	17.72

5G NR n7

Test Engineer ID:	28568	Test Date:	11/30/2022

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	25.41	25.39	25.43	23.39	23.31	23.40	22.37	24.36	23.10	21.82	21.73	22.45
		1	1	**25.70**	25.62	**25.70**	23.61	23.57	23.62	22.62	**25.00**	23.34	22.11	21.94	**22.70**
		1	23	25.63	**25.70**	25.61	23.65	23.59	**23.70**	22.74	24.13	23.70	22.51	22.21	22.50
		1	24	25.46	25.34	25.42	23.43	23.32	23.51	22.51	23.93	23.52	22.29	22.11	22.21
		12	6	25.67	25.56	25.55	23.66	23.56	23.54	22.67	24.34	23.42	22.38	22.08	22.48
		25	0	25.39	25.28	25.35	23.41	23.24	23.31	22.40	24.09	23.17	22.10	21.85	22.18
	QPSK	1	0	24.89	24.85	24.76	22.93	22.90	22.81	21.82	23.81	22.43	21.38	21.21	21.85
		1	1	25.68	25.61	25.59	23.62	23.63	23.51	22.55	**24.55**	23.17	22.31	21.97	22.63
		1	23	**25.70**	25.69	25.58	**23.70**	**23.70**	23.59	22.70	24.15	23.50	**22.70**	22.21	22.43
		1	24	24.79	24.90	24.86	22.97	22.99	22.83	21.99	23.40	22.86	21.77	21.52	21.67
		12	6	25.51	25.55	25.61	23.67	23.60	23.52	22.65	24.37	23.38	22.38	22.03	22.47
		25	0	24.77	24.89	24.91	22.94	22.78	22.74	21.97	23.65	22.75	21.63	21.37	21.75
	16QAM	1	0	23.56	23.58	23.64	21.63	21.57	21.78	20.87	22.70	21.57	20.39	19.62	21.15
		1	1	24.64	24.57	24.64	22.62	22.58	**22.92**	21.90	**23.84**	22.46	21.45	20.67	**22.19**
		1	23	24.68	24.66	24.65	22.64	22.64	22.88	21.99	23.43	22.89	21.86	21.01	22.03
		1	24	23.64	23.63	23.68	21.52	21.64	21.96	20.96	22.35	21.93	20.84	19.96	20.95
		12	6	24.82	24.80	**24.85**	22.83	22.66	22.72	21.98	23.80	22.73	21.61	21.37	21.74
		25	0	23.80	23.80	23.78	21.87	21.71	21.76	20.89	22.67	21.72	20.65	20.35	20.64
	64QAM	1	0	23.26	23.31	23.24	21.22	21.42	21.60	20.42	22.35	21.04	19.74	19.83	20.31
		1	1	23.42	23.47	23.31	21.25	21.54	21.56	20.41	**22.38**	21.11	19.78	19.88	20.26
		1	23	23.40	23.45	23.25	21.35	21.50	**21.64**	20.48	21.99	21.41	20.18	20.19	20.11
		1	24	23.28	23.50	23.24	21.44	21.46	21.59	20.49	21.93	21.32	20.17	20.22	20.12
		12	6	23.44	23.36	23.29	21.39	21.37	21.31	20.33	22.23	21.21	20.08	19.82	20.24
		25	0	23.48	**23.51**	23.25	21.39	21.40	21.33	20.51	22.27	21.29	20.03	19.85	**20.34**
	256QAM	1	0	21.53	21.39	21.17	19.71	19.36	19.18	18.46	**20.52**	19.11	17.77	17.63	18.42
		1	1	21.56	21.43	21.27	19.71	19.40	19.15	18.45	20.51	19.13	17.76	17.61	**18.45**
		1	23	21.57	21.44	21.34	**19.82**	19.41	19.22	18.72	20.21	19.63	18.25	18.00	18.25
		1	24	**21.61**	21.37	21.30	19.80	19.41	19.20	18.67	20.14	19.62	18.18	17.95	18.27
		12	6	21.33	21.38	21.41	19.47	19.23	19.26	18.46	20.29	19.35	18.10	17.77	18.27
		25	0	21.23	21.32	21.27	19.48	19.28	19.24	18.34	20.13	19.22	18.20	17.83	18.33

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	25.41	25.37	25.47	23.46	23.33	23.15	22.46	24.60	22.79	22.07	21.57	22.48
		1	1	25.62	25.64	25.59	23.68	23.55	23.39	22.69	**25.00**	22.94	22.28	21.78	**22.70**
		1	50	25.63	**25.70**	25.65	**23.70**	23.54	23.53	23.15	23.94	23.65	22.53	22.39	22.24
		1	51	25.48	25.45	25.57	23.47	23.36	23.30	22.92	23.72	23.43	22.30	22.14	21.99
		25	12	25.62	25.58	25.62	23.58	23.47	23.41	22.68	24.36	23.14	22.64	21.96	22.41
		50	0	25.49	25.38	25.45	23.44	23.36	23.25	22.58	24.14	22.99	22.43	21.83	22.25
	QPSK	1	0	24.96	24.84	24.97	22.85	22.81	22.76	22.00	23.99	22.17	21.46	21.06	21.96
		1	1	**25.70**	25.55	25.60	23.58	23.57	23.67	22.73	**24.69**	22.88	22.44	21.86	22.62
		1	50	**25.70**	25.55	**25.70**	23.68	**23.70**	**23.70**	23.09	23.83	23.61	22.45	22.39	22.19
		1	51	25.05	24.91	25.02	22.97	22.92	22.97	22.38	23.11	22.92	21.43	21.64	21.51
		25	12	25.69	25.69	25.64	23.64	23.51	23.64	22.72	24.35	23.20	**22.70**	21.97	22.45
		50	0	25.00	24.89	24.91	22.91	22.82	22.90	22.06	23.65	22.53	21.91	21.34	21.74
	16QAM	1	0	24.00	23.85	23.98	22.21	21.86	21.87	20.94	22.49	21.03	20.58	20.01	21.10
		1	1	24.97	24.73	24.91	23.29	22.96	22.86	21.96	23.51	22.04	21.68	20.99	**22.12**
		1	50	25.00	24.93	**25.01**	**23.33**	22.87	22.93	22.41	22.66	22.79	21.87	21.68	21.71
		1	51	24.04	23.88	23.90	22.33	21.82	21.95	21.38	21.68	21.73	20.83	20.70	20.67
		25	12	24.98	24.86	24.84	22.82	22.81	22.80	22.01	**23.69**	22.43	21.93	21.32	21.73
		50	0	23.99	23.91	23.83	21.91	21.75	21.83	21.07	22.71	21.52	20.88	20.37	20.68
	64QAM	1	0	23.40	23.51	23.22	21.41	21.22	21.40	20.37	**22.68**	20.68	20.08	19.70	**20.64**
		1	1	23.36	23.50	23.28	21.31	21.33	21.39	20.38	22.67	20.75	20.09	19.76	20.62
		1	50	23.48	23.50	23.33	21.44	21.28	21.48	20.86	21.78	21.40	20.31	20.34	20.23
		1	51	23.28	**23.52**	23.35	21.50	21.33	**21.51**	20.86	21.77	21.39	20.31	20.35	20.19
		25	12	23.48	23.44	23.43	21.47	21.37	21.39	20.54	22.32	21.13	20.46	19.85	20.32
		50	0	23.37	23.36	23.32	21.43	21.33	21.38	20.56	22.27	21.04	20.41	19.87	20.25
	256QAM	1	0	21.29	21.46	21.26	19.51	19.18	19.58	18.61	20.75	18.98	17.95	17.52	18.42
		1	1	21.28	21.43	21.40	19.61	19.45	19.66	18.70	**20.77**	19.04	18.04	17.61	18.41
		1	50	21.29	21.40	21.43	**19.73**	19.45	19.71	19.14	19.91	19.69	18.29	18.12	18.00
		1	51	21.43	21.48	21.32	19.60	19.46	19.68	19.12	19.90	19.72	18.27	18.10	17.95
		25	12	21.31	21.33	21.35	19.39	19.31	19.41	18.57	20.14	19.05	**18.52**	17.81	18.33
		50	0	**21.49**	21.41	21.37	19.45	19.39	19.45	18.65	20.20	19.06	18.43	17.83	18.32

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	25.48	25.56	25.50	23.42	23.48	23.34	23.95	24.65	24.02	22.18	21.69	22.44
		1	1	25.67	25.68	**25.70**	**23.70**	**23.70**	23.61	24.15	24.90	24.18	22.40	21.91	22.68
		1	77	25.67	**25.70**	25.68	23.58	**23.70**	23.69	**25.00**	23.42	24.91	21.97	**22.69**	22.00
		1	78	25.48	25.52	25.48	23.46	23.51	23.45	24.79	23.21	24.76	21.82	22.48	21.80
		36	18	25.57	25.60	25.53	23.49	23.57	23.54	24.15	24.24	24.17	22.63	21.99	22.37
		75	0	25.45	25.43	25.38	23.32	23.37	23.36	24.11	24.00	24.14	22.33	21.88	22.21
	QPSK	1	0	24.95	24.93	24.90	22.91	22.87	22.91	23.40	24.23	23.46	21.77	21.06	21.97
		1	1	**25.70**	25.63	25.68	23.55	23.69	23.60	24.11	24.90	24.15	22.50	21.90	**22.70**
		1	77	25.69	25.65	25.65	23.61	23.69	**23.70**	24.85	23.57	**24.94**	22.04	22.64	22.12
		1	78	24.95	24.98	24.92	22.83	22.92	23.00	24.31	22.79	24.25	21.33	21.96	21.40
		36	18	25.64	25.68	25.61	23.58	23.58	23.56	24.26	24.29	24.30	**22.70**	22.08	22.44
		75	0	24.93	25.00	24.89	22.87	22.87	22.88	23.63	23.57	23.66	21.78	21.49	21.76
	16QAM	1	0	23.87	23.98	23.95	21.90	21.70	21.78	22.29	23.05	22.44	20.72	20.00	21.10
		1	1	24.97	**24.99**	24.97	22.92	22.60	22.94	23.30	24.10	23.41	21.75	21.09	**22.10**
		1	77	24.87	24.92	24.92	22.83	22.69	22.99	**24.21**	22.64	24.15	21.35	21.90	21.50
		1	78	23.91	23.96	23.96	21.89	21.71	21.87	23.28	21.60	23.15	20.27	20.90	20.45
		36	18	24.94	24.92	24.91	22.95	**23.01**	22.87	23.61	23.57	23.62	21.99	21.41	21.75
		75	0	23.90	23.89	23.85	21.97	21.84	21.90	22.66	22.53	22.65	20.86	20.43	20.72
	64QAM	1	0	23.41	**23.70**	23.14	21.19	21.56	21.37	22.09	22.62	22.41	20.20	19.60	20.36
		1	1	23.39	23.58	23.22	21.14	21.37	21.37	22.12	22.65	22.41	20.17	19.64	**20.50**
		1	77	23.50	23.54	23.18	21.17	21.47	21.50	22.98	21.19	23.10	19.89	20.48	19.90
		1	78	23.38	23.61	23.33	21.18	21.46	**21.59**	22.96	21.16	**23.11**	19.83	20.46	19.89
		36	18	23.42	23.38	23.33	21.38	21.42	21.31	22.13	22.12	22.09	20.47	19.94	20.31
		75	0	23.39	23.39	23.37	21.41	21.45	21.32	22.21	22.06	22.13	20.34	19.96	20.24
	256QAM	1	0	21.55	21.56	21.58	19.51	19.43	19.40	20.10	20.69	20.03	18.28	17.51	18.60
		1	1	21.64	21.70	21.63	19.60	19.40	19.50	20.10	20.68	20.07	18.34	17.62	**18.63**
		1	77	21.55	21.68	21.61	**19.62**	19.56	19.49	**21.00**	19.33	20.90	18.03	18.36	18.03
		1	78	21.44	**21.72**	21.65	19.60	19.48	19.44	20.96	19.27	20.94	17.99	18.38	17.97
		36	18	21.32	21.39	21.37	19.29	19.43	19.42	20.05	20.09	20.14	18.50	17.97	18.36
		75	0	21.41	21.51	21.50	19.35	19.40	19.43	20.19	20.04	20.24	18.31	17.96	18.26

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	25.53	25.55	25.47	23.39	23.36	23.38	23.34	24.75	24.03	22.36	21.30	22.38
		1	1	**25.70**	25.66	25.69	23.68	23.62	23.65	23.53	24.95	24.26	22.65	21.58	**22.68**
		1	104	25.64	25.69	**25.70**	23.62	23.69	23.65	**25.00**	23.27	24.90	21.69	22.56	22.15
		1	105	25.49	25.42	25.49	23.45	23.47	23.47	24.87	23.05	24.74	21.49	22.37	21.92
		50	25	25.64	25.62	25.69	23.61	**23.70**	23.63	23.90	24.39	24.21	**22.68**	21.80	22.62
		100	0	25.46	25.42	25.49	23.36	23.34	23.42	23.81	24.11	24.10	22.27	21.67	22.34
	QPSK	1	0	25.03	24.86	24.94	22.98	22.93	22.82	22.87	24.26	23.60	21.93	20.90	21.91
		1	1	25.63	25.56	25.66	**23.70**	23.68	23.56	23.54	**25.00**	24.27	**22.70**	21.72	**22.70**
		1	104	25.69	25.59	25.65	23.69	**23.70**	23.65	**25.00**	23.28	24.94	21.70	**22.70**	22.14
		1	105	25.01	24.85	24.93	22.94	23.01	22.98	24.41	22.57	24.25	20.97	21.99	21.38
		50	25	**25.70**	**25.70**	25.69	23.59	23.57	**23.70**	23.94	24.38	24.25	**22.70**	21.80	22.65
		100	0	24.86	24.91	24.92	22.87	22.84	22.90	23.30	23.66	23.59	21.75	21.14	21.83
	16QAM	1	0	23.75	23.91	23.82	21.83	21.88	21.65	21.56	23.18	22.26	20.82	19.66	21.02
		1	1	24.75	24.92	24.86	22.80	**22.98**	22.75	22.59	**24.17**	23.23	21.86	20.79	**22.17**
		1	104	24.78	**24.93**	24.85	22.73	22.96	22.82	24.02	22.45	23.88	20.90	21.75	21.61
		1	105	23.70	23.93	23.77	21.74	21.93	21.78	23.13	21.43	22.88	19.85	20.79	20.55
		50	25	24.91	24.91	24.93	22.95	22.90	22.88	23.21	23.71	23.54	22.01	21.18	21.94
		100	0	23.93	23.92	23.95	21.82	21.83	21.92	22.37	22.62	22.61	20.83	20.24	20.81
	64QAM	1	0	23.38	23.40	23.40	21.42	21.44	21.47	21.31	22.78	21.81	20.42	19.26	20.33
		1	1	23.45	23.63	23.46	21.48	21.42	**21.67**	21.29	22.78	21.82	20.44	19.43	20.43
		1	104	23.41	23.65	23.22	21.40	21.44	21.62	22.82	21.07	22.59	19.59	20.31	19.87
		1	105	23.45	**23.69**	23.36	21.48	21.49	21.62	**22.83**	21.05	22.54	19.59	20.31	19.84
		50	25	23.35	23.37	23.38	21.43	21.38	21.38	21.67	22.17	22.06	**20.46**	19.61	20.37
		100	0	23.42	23.44	23.41	21.41	21.38	21.44	21.82	22.11	22.11	20.30	19.67	20.35
	256QAM	1	0	21.67	21.55	21.39	19.76	19.43	19.45	19.50	21.00	20.26	18.36	17.51	**18.49**
		1	1	**21.78**	21.65	21.36	19.85	19.63	19.60	19.56	21.03	20.13	18.41	17.60	18.48
		1	104	21.73	21.51	21.42	19.88	19.61	19.70	**21.04**	19.36	20.94	17.50	18.45	18.05
		1	105	21.73	21.57	21.39	**19.97**	19.65	19.63	21.00	19.30	20.95	17.49	18.48	18.01
		50	25	21.42	21.50	21.41	19.43	19.39	19.46	19.74	20.23	20.03	18.46	17.61	18.47
		100	0	21.41	21.48	21.40	19.42	19.35	19.46	19.83	20.11	20.11	18.35	17.69	18.40

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	25.47	25.48	25.43	23.49	23.29	23.23	22.96	24.75	24.36	21.09	21.24	21.32
		1	1	**25.70**	25.61	25.60	**23.70**	23.63	23.62	23.12	24.97	24.59	21.34	21.55	**21.58**
		1	131	25.65	25.65	**25.70**	23.67	23.69	23.65	**24.99**	23.18	24.96	21.56	21.54	21.55
		1	132	25.44	25.41	25.35	23.52	23.50	23.47	24.77	22.93	24.78	21.32	21.34	21.35
		64	32	25.67	25.58	25.52	23.60	23.58	23.45	23.82	24.37	24.20	21.43	21.54	**21.58**
		128	0	25.43	25.38	25.29	23.43	23.37	23.22	23.74	24.07	24.15	21.22	21.29	21.30
	QPSK	1	0	24.91	24.97	24.78	22.97	22.88	22.74	22.42	24.25	23.93	20.66	20.77	20.75
		1	1	25.68	25.68	25.52	23.67	**23.70**	23.59	23.18	**25.00**	24.61	21.37	21.62	21.57
		1	131	25.63	**25.70**	25.48	23.65	23.58	**23.70**	**25.00**	23.16	24.97	21.54	**21.64**	21.60
		1	132	24.91	24.94	24.79	22.90	22.93	23.02	24.27	22.46	24.25	20.84	20.86	20.87
		64	32	25.67	25.67	25.52	23.54	23.60	23.57	23.91	24.37	24.22	21.52	21.58	21.56
		128	0	24.90	24.86	24.76	22.82	22.89	22.81	23.35	23.60	23.59	20.67	20.80	20.85
	16QAM	1	0	23.94	23.72	23.83	21.55	21.83	21.82	21.47	23.21	22.80	19.46	19.71	20.05
		1	1	**24.99**	24.72	24.80	22.62	22.92	22.85	22.47	24.19	23.80	20.44	20.79	21.10
		1	131	**24.99**	24.65	**24.99**	22.69	22.96	**22.99**	**24.30**	22.39	24.16	20.70	20.78	**21.14**
		1	132	23.98	23.64	23.83	21.70	21.91	21.95	23.41	21.40	23.16	19.72	19.77	20.12
		64	32	24.90	24.87	24.72	22.77	22.85	22.85	23.12	23.68	23.45	20.77	20.85	20.92
		128	0	23.92	23.83	23.88	21.77	21.85	21.81	22.32	22.63	22.60	19.72	19.80	19.89
	64QAM	1	0	23.48	23.28	23.42	21.39	21.62	21.14	21.00	22.77	22.29	19.02	19.24	19.37
		1	1	**23.54**	23.37	23.35	21.36	**21.73**	21.35	21.01	22.78	22.28	19.01	19.34	**19.46**
		1	131	23.38	23.10	23.27	21.41	21.72	21.41	22.83	20.95	22.62	19.29	19.31	19.42
		1	132	23.44	23.05	23.32	21.29	**21.73**	21.34	**22.87**	20.93	22.60	19.29	19.29	19.44
		64	32	23.38	23.40	23.24	21.34	21.37	21.29	21.61	22.15	21.96	19.24	19.30	19.38
		128	0	23.40	23.34	23.28	21.22	21.43	21.28	21.82	22.10	22.06	19.28	19.31	19.37
	256QAM	1	0	21.62	21.46	21.37	19.32	19.57	19.63	19.08	20.84	20.49	17.07	17.14	17.52
		1	1	**21.76**	21.53	21.27	19.41	19.70	**19.79**	19.07	20.85	20.44	17.11	17.25	17.59
		1	131	21.51	21.53	21.34	19.43	19.57	19.65	**21.03**	19.05	20.91	17.30	17.43	**17.64**
		1	132	21.28	21.46	21.19	19.56	19.69	19.69	**21.03**	19.04	20.88	17.30	17.44	17.61
		64	32	21.20	21.43	21.19	19.28	19.37	19.34	19.57	20.15	19.93	17.26	17.29	17.31
		128	0	21.26	21.35	21.19	19.27	19.40	19.34	19.79	20.07	20.08	17.23	17.25	17.32

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	25.43	25.39	25.60	23.34	23.33	23.25	23.03	24.77	24.87	21.15	21.43	21.52
		1	1	25.68	25.58	**25.70**	23.56	23.65	23.66	23.24	**25.00**	**25.00**	21.40	21.76	**21.88**
		1	158	25.55	25.59	25.69	23.61	**23.70**	**23.70**	**25.00**	23.27	24.93	21.63	21.82	21.83
		1	159	25.43	25.38	25.44	23.45	23.44	23.42	24.82	23.00	24.72	21.45	21.61	21.62
		80	40	25.58	25.56	25.55	23.62	23.62	23.58	24.14	24.46	24.18	21.57	21.65	21.64
		160	0	25.51	25.44	25.42	23.48	23.48	23.40	23.99	24.25	24.21	21.41	21.44	21.43
	QPSK	1	0	25.02	24.93	24.96	22.99	22.83	22.74	22.47	24.17	24.36	20.70	20.85	20.81
		1	1	25.58	**25.70**	25.69	23.67	23.65	23.54	23.16	24.97	24.94	21.49	21.71	21.56
		1	158	**25.70**	25.57	25.54	**23.70**	23.58	23.61	**24.99**	23.21	24.90	21.72	**21.78**	21.61
		1	159	24.99	24.86	24.93	22.95	22.94	22.83	24.23	22.42	24.19	21.03	21.13	20.93
		80	40	25.64	25.61	25.56	23.68	23.67	23.60	24.14	24.50	24.20	21.64	21.73	21.56
		160	0	24.95	24.90	24.83	23.05	22.96	22.84	23.51	23.74	23.67	20.91	21.03	20.89
	16QAM	1	0	24.20	23.61	24.11	22.18	21.77	21.83	21.65	23.04	23.60	19.60	20.30	20.23
		1	1	25.14	24.59	**25.19**	**23.35**	22.84	22.81	22.65	24.17	**24.57**	20.73	21.40	21.36
		1	158	25.10	24.62	25.15	23.18	22.73	22.89	24.46	22.37	24.45	20.97	**21.45**	21.30
		1	159	24.17	23.50	24.34	22.21	21.84	21.86	23.41	21.37	23.44	19.92	20.45	20.28
		80	40	24.97	24.77	24.89	23.05	22.90	22.84	23.44	23.84	23.41	20.89	20.99	20.92
		160	0	23.97	23.84	23.93	22.13	21.95	21.87	22.52	22.80	22.65	19.90	20.01	19.90
	64QAM	1	0	23.57	23.40	23.42	21.72	21.39	21.27	21.13	22.66	23.00	19.31	19.29	19.25
		1	1	23.47	23.31	23.39	21.74	21.43	21.28	21.14	22.63	22.96	19.29	19.47	19.33
		1	158	23.50	23.47	**23.60**	**21.93**	21.36	21.34	**23.01**	20.91	22.82	**19.52**	19.40	19.35
		1	159	23.37	23.36	23.49	21.68	21.78	21.30	23.00	20.87	22.85	19.50	19.37	19.29
		80	40	23.39	23.24	23.38	21.54	21.33	21.25	21.97	22.32	21.90	19.46	19.49	19.38
		160	0	23.45	23.33	23.48	21.60	21.42	21.32	22.06	22.29	22.18	19.48	**19.52**	19.42
	256QAM	1	0	21.57	21.39	21.74	19.86	19.63	19.41	19.22	20.81	**21.06**	17.50	17.75	17.46
		1	1	21.49	21.62	21.73	19.86	19.75	19.28	19.20	20.79	21.04	17.55	**17.93**	17.56
		1	158	21.52	21.43	**21.84**	**20.05**	19.63	19.48	20.99	19.08	20.87	17.80	17.90	17.59
		1	159	21.33	21.49	21.78	19.99	19.73	19.60	21.06	19.05	20.86	17.79	17.90	17.57
		80	40	21.36	21.26	21.38	19.52	19.44	19.20	19.98	20.32	19.92	17.45	17.46	17.36
		160	0	21.41	21.29	21.38	19.54	19.40	19.33	20.06	20.26	20.10	17.43	17.46	17.35

OUTPUT POWER FOR 5G NR n7 (35.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				503500	507000	510500	503500	507000	510500	503500	507000	510500	503500	507000	510500
				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	24.81	24.77	25.03	23.23	23.19	23.28	24.02	24.36	24.47	20.52	21.84	21.22
		1	1	25.28	25.34	25.49	23.36	23.44	23.56	24.32	24.75	24.95	20.74	22.02	21.49
		1	186	**25.70**	25.63	25.65	23.69	23.69	**23.70**	**25.00**	**25.00**	24.87	**22.70**	**22.70**	22.59
		1	187	25.13	25.12	25.31	23.56	23.39	23.49	24.50	24.57	24.48	22.31	22.48	22.30
		90	45	25.35	25.42	25.59	23.50	23.58	23.55	24.53	24.81	24.95	20.42	21.44	20.99
		180	0	24.98	24.96	25.08	23.30	23.28	23.41	24.13	24.32	24.49	20.30	21.37	20.95
	QPSK	1	0	23.87	24.33	24.46	22.71	22.81	22.84	23.38	23.83	23.98	20.14	21.51	20.78
		1	1	25.07	25.43	25.62	23.45	23.41	23.60	24.22	24.69	24.82	20.92	22.19	21.53
		1	186	25.37	**25.70**	**25.70**	**23.70**	**23.70**	**23.70**	24.84	24.92	24.97	22.15	22.33	**22.70**
		1	187	24.47	24.72	24.82	23.01	23.08	22.91	23.95	24.02	24.04	21.86	22.38	22.56
		90	45	25.15	25.44	25.50	23.46	23.51	23.46	24.60	24.86	**25.00**	19.92	21.00	20.52
		180	0	24.13	24.47	24.62	22.81	22.79	22.77	23.56	23.89	24.01	19.89	20.93	20.49
	16QAM	1	0	22.95	23.21	23.49	21.81	21.84	21.60	22.47	22.82	22.88	19.05	20.80	19.74
		1	1	24.18	24.23	24.77	22.83	22.68	23.08	23.35	23.59	24.10	20.23	21.43	21.04
		1	186	24.47	24.69	**24.83**	**23.26**	22.75	22.87	**24.38**	23.77	24.06	19.04	**21.62**	19.99
		1	187	23.23	23.99	23.75	22.21	22.75	22.00	22.53	22.75	23.91	20.17	20.26	19.66
		90	45	24.14	24.47	24.49	22.79	22.78	22.73	23.52	23.83	22.95	20.91	19.91	19.47
		180	0	23.15	23.51	23.55	21.76	21.74	21.75	22.68	22.82	22.94	18.77	19.92	19.48
	64QAM	1	0	22.71	23.20	**23.53**	21.55	21.31	21.47	22.13	22.41	**22.88**	18.76	20.24	19.49
		1	1	22.81	22.93	23.11	21.41	21.45	21.37	22.19	22.56	**22.88**	18.77	20.18	19.66
		1	186	23.00	23.44	23.49	21.57	21.63	21.57	22.45	22.66	22.49	18.87	20.70	**20.80**
		1	187	23.02	23.39	23.41	21.71	**21.78**	21.63	22.67	22.46	22.76	18.17	20.59	20.49
		90	45	22.65	22.99	23.05	21.17	21.22	21.29	22.15	22.36	22.52	18.36	19.53	19.00
		180	0	22.63	22.90	23.01	21.26	21.30	21.32	22.16	22.31	22.44	18.25	19.37	18.90
	256QAM	1	0	20.34	20.81	20.72	19.22	19.58	19.27	19.83	20.09	**20.57**	16.55	18.26	17.63
		1	1	20.40	20.41	20.70	19.27	19.31	19.43	19.75	19.74	19.99	16.66	**18.33**	17.57
		1	186	20.87	20.94	21.10	**19.84**	19.54	19.58	20.47	19.98	20.21	17.03	18.32	17.25
		1	187	20.88	**21.23**	20.85	19.71	19.39	19.67	20.46	20.04	20.28	18.05	16.86	**18.33**
		90	45	20.53	20.87	20.99	19.21	19.26	19.28	20.07	20.34	20.39	16.41	17.52	16.99
		180	0	20.60	20.82	21.07	19.33	19.31	19.30	20.12	20.24	20.41	16.33	17.37	17.01

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	25.44	25.46	25.31	23.35	23.28	23.36	23.46	24.69	24.91	21.01	21.26	21.29
		1	1	25.62	25.63	25.66	23.61	23.66	23.65	23.64	24.87	**25.00**	21.34	21.65	21.56
		1	214	25.56	25.59	**25.70**	**23.70**	23.66	**23.70**	24.41	23.58	23.82	21.59	**21.66**	21.61
		1	215	25.37	25.41	25.37	23.42	23.40	23.46	24.18	23.38	23.61	21.38	21.45	21.45
		108	54	25.56	25.58	25.49	23.63	23.65	23.55	24.96	24.98	23.19	21.51	21.55	21.57
		216	0	25.43	25.47	25.34	23.36	23.45	23.40	24.55	24.58	22.79	21.32	21.36	21.41
	QPSK	1	0	24.85	24.90	24.83	22.73	22.87	22.85	22.93	24.12	22.78	20.64	20.74	20.73
		1	1	25.68	**25.70**	25.53	23.56	23.64	23.64	23.63	24.91	23.78	21.45	21.65	21.62
		1	214	25.61	25.63	25.55	23.51	23.67	23.64	24.43	23.57	21.74	21.66	**21.67**	21.64
		1	215	24.89	24.93	24.78	22.87	22.92	22.95	23.71	22.88	20.69	20.92	20.95	20.91
		108	54	**25.70**	25.61	25.55	23.57	**23.70**	23.63	**25.00**	**25.00**	23.17	21.59	21.63	21.64
		216	0	24.87	24.97	24.82	22.83	22.98	22.95	24.00	24.06	22.80	20.83	20.86	20.83
	16QAM	1	0	24.04	23.88	23.60	22.02	21.97	21.82	21.95	22.92	23.29	19.61	19.57	19.44
		1	1	24.95	24.95	24.47	**23.08**	22.98	22.86	22.95	24.07	24.18	20.72	20.78	20.59
		1	214	**25.03**	24.84	24.59	23.07	22.79	22.93	23.76	22.73	22.98	20.93	20.82	20.61
		1	215	24.07	23.64	23.70	22.00	21.99	21.97	22.70	21.70	21.96	19.90	19.76	19.61
		108	54	24.94	24.79	24.71	22.89	22.90	22.88	**24.31**	24.29	22.51	20.84	20.89	**20.94**
		216	0	23.97	23.88	23.75	21.89	21.98	21.93	23.00	23.05	21.85	19.84	19.88	19.92
	64QAM	1	0	23.42	23.48	23.41	21.41	21.49	21.46	21.53	22.58	**22.91**	19.04	19.11	19.41
		1	1	23.42	23.11	**23.53**	21.46	21.42	21.42	21.49	22.67	22.88	19.15	19.27	**19.53**
		1	214	23.38	23.23	23.51	21.62	21.55	21.62	22.29	21.39	21.60	19.34	19.33	19.52
		1	215	23.32	23.19	23.32	21.53	21.54	**21.76**	22.23	21.41	21.66	19.35	19.34	19.50
		108	54	23.38	23.24	23.25	21.37	21.40	21.32	22.83	22.85	20.98	19.31	19.35	19.36
		216	0	23.47	23.33	23.31	21.40	21.43	21.37	22.52	22.60	21.34	19.33	19.36	19.38
	256QAM	1	0	**21.80**	21.68	21.40	**19.83**	19.53	19.54	19.83	21.03	**21.09**	16.97	17.35	17.53
		1	1	21.71	21.54	21.33	19.68	19.51	19.71	19.80	21.03	21.03	17.03	17.50	17.67
		1	214	21.66	21.67	21.61	19.68	19.68	19.77	20.63	19.75	19.75	17.39	17.59	**17.78**
		1	215	21.75	21.67	21.44	19.79	19.74	19.80	20.69	19.75	19.74	17.38	17.58	17.73
		108	54	21.40	21.25	21.22	19.37	19.49	19.44	20.89	20.86	19.03	17.30	17.34	17.36
		216	0	21.42	21.30	21.32	19.37	19.47	19.46	20.51	20.60	19.33	17.29	17.32	17.36

8.2. LTE BAND 12 AND 5G NR n12

LTE BAND 12

Test Engineer ID:	39004	Test Date:	11/9/2022

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	25.64	25.63	25.69	24.64	24.67	24.66	25.37	25.32	25.32
		1	2	**25.70**	**25.70**	**25.70**	**24.70**	**24.70**	**24.70**	25.37	**25.40**	**25.40**
		1	5	25.66	25.66	25.66	24.66	24.68	24.67	25.39	25.33	25.34
		3	0	25.61	25.66	25.66	24.66	24.68	24.63	25.35	25.34	25.29
		3	1	25.65	25.63	25.66	24.63	24.68	24.64	25.39	25.37	25.29
		3	2	25.63	25.64	25.66	24.63	24.68	24.62	**25.40**	25.35	25.33
		6	0	24.90	24.94	24.95	23.61	23.67	23.61	24.38	24.33	24.22
	16QAM	1	0	25.23	25.30	25.32	23.93	24.00	23.95	24.61	24.64	24.68
		1	2	25.30	25.31	**25.36**	24.00	**24.06**	24.03	24.54	24.72	**24.76**
		1	5	25.31	25.31	25.33	24.01	24.05	23.97	24.49	24.71	24.72
		3	0	25.11	25.13	25.18	23.81	23.88	23.82	24.52	24.52	24.48
		3	1	25.13	25.13	25.16	23.85	23.88	23.86	24.53	24.52	24.47
		3	2	25.13	25.14	25.17	23.82	23.88	23.84	24.54	24.53	24.53
		6	0	24.00	24.05	24.07	22.68	22.73	22.72	23.43	23.35	23.31
	64QAM	1	0	24.12	24.09	24.24	22.84	22.82	22.75	22.71	22.57	22.57
		1	2	24.14	23.96	**24.26**	**22.91**	22.90	22.78	**22.76**	22.63	22.57
		1	5	24.00	23.92	24.13	22.87	22.86	22.75	22.59	22.61	22.54
		3	0	23.99	23.94	24.14	22.71	22.70	22.62	22.59	22.49	22.38
		3	1	24.03	23.97	24.18	22.73	22.69	22.64	22.53	22.49	22.38
		3	2	24.05	23.94	24.20	22.73	22.71	22.66	22.54	22.48	22.41
		6	0	22.88	22.99	22.92	21.64	21.64	21.60	21.51	21.33	21.27
	256QAM	1	0	20.81	21.01	21.06	19.65	19.66	19.66	19.55	19.50	19.36
		1	2	21.03	21.09	**21.13**	19.74	19.76	**19.77**	**19.63**	19.56	19.46
		1	5	20.88	21.06	21.09	19.68	19.71	19.71	19.53	19.47	19.42
		3	0	20.97	21.06	21.01	19.70	19.67	19.58	19.56	19.42	19.32
		3	1	20.99	21.06	21.05	19.69	19.70	19.66	19.53	19.43	19.34
		3	2	20.99	21.06	21.04	19.69	19.69	19.67	19.56	19.45	19.42
		6	0	20.89	20.96	20.89	19.76	19.74	19.60	19.44	19.54	19.24

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	25.61	25.59	25.63	24.59	24.57	24.61	25.29	25.28	25.29
		1	7	**25.70**	**25.70**	**25.70**	**24.70**	**24.70**	**24.70**	**25.40**	**25.40**	**25.40**
		1	14	25.61	25.59	25.60	24.57	24.59	24.64	25.30	25.29	25.30
		8	0	24.92	24.93	25.01	23.68	23.57	23.57	24.31	24.28	24.29
		8	4	25.02	25.03	25.03	23.67	23.66	23.61	24.42	24.38	24.32
		8	7	25.01	25.01	25.02	23.70	23.66	23.68	24.41	24.37	24.38
		15	0	24.98	24.99	24.98	23.65	23.63	23.55	24.34	24.35	24.27
	16QAM	1	0	25.22	25.27	25.30	23.97	23.89	23.91	24.58	24.67	24.61
		1	7	25.35	**25.40**	25.38	**24.08**	23.93	24.00	24.73	**24.79**	24.69
		1	14	25.20	25.31	25.33	23.98	23.91	23.89	24.59	24.68	24.61
		8	0	24.01	23.95	24.08	22.75	22.61	22.62	23.33	23.34	23.36
		8	4	24.10	24.06	24.11	22.78	22.74	22.64	23.45	23.48	23.37
		8	7	24.13	24.04	24.10	22.77	22.71	22.72	23.44	23.45	23.45
		15	0	24.00	23.96	24.02	22.67	22.64	22.57	23.41	23.40	23.32
	64QAM	1	0	24.17	24.11	24.19	22.75	22.83	22.80	22.67	22.67	22.62
		1	7	24.28	24.21	**24.30**	**22.90**	22.89	22.89	22.70	**22.74**	22.72
		1	14	24.22	24.02	24.09	22.79	22.79	22.80	22.65	22.68	22.62
		8	0	22.89	22.95	23.01	21.67	21.56	21.56	21.44	21.43	21.38
		8	4	23.00	23.04	23.04	21.73	21.66	21.59	21.58	21.50	21.42
		8	7	22.98	23.03	23.04	21.71	21.66	21.69	21.57	21.52	21.50
		15	0	23.01	22.97	22.99	21.68	21.63	21.54	21.51	21.47	21.35
	256QAM	1	0	21.07	20.90	21.07	19.68	19.53	19.59	19.52	19.45	19.47
		1	7	**21.20**	20.99	21.15	**19.85**	19.78	19.74	**19.64**	19.58	19.53
		1	14	21.07	20.87	21.06	19.71	19.63	19.64	19.60	19.49	19.49
		8	0	20.93	20.90	21.01	19.68	19.54	19.55	19.44	19.40	19.36
		8	4	21.05	21.00	21.02	19.72	19.68	19.59	19.56	19.52	19.40
		8	7	21.04	21.00	21.04	19.72	19.66	19.67	19.53	19.52	19.46
		15	0	20.97	20.99	20.95	19.70	19.61	19.56	19.49	19.47	19.36

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	25.57	25.57	25.64	24.59	24.59	24.65	25.28	25.25	25.17
		1	12	**25.70**	**25.70**	**25.70**	**24.70**	**24.70**	**24.70**	**25.40**	**25.40**	25.32
		1	24	25.54	25.54	25.57	24.62	24.61	24.62	25.29	25.27	**25.40**
		12	0	24.83	24.83	24.92	23.58	23.55	23.56	24.25	24.21	24.06
		12	6	24.94	24.92	24.94	23.68	23.67	23.58	24.34	24.32	24.39
		12	11	24.89	24.87	24.89	23.64	23.65	23.65	24.33	24.30	24.43
		25	0	24.88	24.83	24.90	23.63	23.65	23.65	24.35	24.31	24.33
	16QAM	1	0	25.18	25.20	25.27	23.97	24.00	23.99	24.58	24.56	24.64
		1	12	**25.37**	25.32	**25.37**	24.06	24.10	**24.10**	24.73	24.75	24.73
		1	24	25.19	25.18	25.19	23.97	24.02	24.00	24.63	24.62	**24.84**
		12	0	23.79	23.79	24.07	22.58	22.61	22.61	23.33	23.25	23.09
		12	6	23.89	23.91	24.07	22.71	22.72	22.64	23.45	23.38	23.39
		12	11	23.87	23.86	24.06	22.68	22.71	22.70	23.43	23.34	23.45
		25	0	23.89	23.81	23.92	22.66	22.66	22.65	23.36	23.30	23.33
	64QAM	1	0	24.16	24.03	24.10	22.71	22.69	22.66	22.55	22.51	22.55
		1	12	**24.19**	24.15	24.09	**22.77**	22.73	22.69	**22.66**	22.62	22.55
		1	24	24.17	24.04	23.99	22.76	22.69	22.63	22.50	22.50	22.49
		12	0	22.80	22.80	22.90	21.60	21.58	21.52	21.40	21.33	21.47
		12	6	22.92	22.91	22.92	21.71	21.66	21.58	21.51	21.46	21.47
		12	11	22.88	22.89	22.90	21.66	21.62	21.60	21.46	21.39	21.52
		25	0	22.90	22.81	22.90	21.67	21.63	21.61	21.48	21.40	21.45
	256QAM	1	0	20.92	20.92	21.03	19.72	19.61	19.56	19.44	19.44	19.61
		1	12	**21.05**	21.04	**21.05**	**19.88**	19.80	19.67	19.67	19.55	**19.71**
		1	24	20.97	20.98	21.03	19.81	19.73	19.64	19.53	19.46	19.58
		12	0	20.80	20.80	20.91	19.58	19.55	19.53	19.39	19.36	19.44
		12	6	20.90	20.89	20.91	19.70	19.65	19.57	19.48	19.46	19.48
		12	11	20.87	20.86	20.88	19.67	19.65	19.62	19.47	19.40	19.53
		25	0	20.86	20.78	20.88	19.67	19.60	19.64	19.44	19.42	19.45

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	**25.70**	**25.70**	**25.70**	**24.70**	24.68	24.67	25.33	25.34	**25.40**
		1	24	25.68	25.69	25.64	24.68	**24.70**	**24.70**	25.38	**25.40**	25.30
		1	49	25.61	25.59	25.54	24.62	24.66	24.67	**25.40**	25.24	25.35
		25	0	24.92	24.95	25.01	23.61	23.62	23.61	24.32	24.36	24.35
		25	12	25.02	24.96	25.00	23.69	23.71	23.62	24.42	24.48	24.44
		25	24	24.99	24.97	24.97	23.67	23.69	23.70	24.41	24.46	24.41
		50	0	24.99	24.90	24.97	23.67	23.69	23.61	24.39	24.44	24.41
	16QAM	1	0	25.35	**25.49**	25.41	**24.04**	24.00	24.00	24.71	**24.77**	24.74
		1	24	25.27	25.35	25.28	23.92	23.96	23.89	24.62	24.76	24.64
		1	49	25.32	25.33	25.30	24.03	23.99	23.94	24.72	24.58	24.67
		25	0	23.96	23.95	24.02	22.59	22.62	22.61	23.30	23.41	23.31
		25	12	24.06	23.96	24.02	22.70	22.74	22.62	23.43	23.50	23.45
		25	24	24.04	24.02	23.98	22.67	22.72	22.70	23.41	23.49	23.39
		50	0	23.98	23.93	23.99	22.68	22.69	22.63	23.40	23.46	23.42
	64QAM	1	0	**24.31**	24.08	24.12	22.82	22.86	22.85	22.69	**22.83**	22.79
		1	24	24.28	24.06	24.02	22.85	**22.92**	**22.92**	22.67	22.81	22.76
		1	49	24.25	23.96	23.96	22.81	22.82	22.84	22.56	22.72	22.68
		25	0	22.95	22.92	22.98	21.62	21.57	21.60	21.47	21.51	21.48
		25	12	23.02	22.92	23.00	21.71	21.67	21.62	21.52	21.58	21.58
		25	24	23.00	22.95	22.95	21.67	21.65	21.69	21.48	21.55	21.50
		50	0	22.99	22.88	22.96	21.69	21.67	21.59	21.49	21.59	21.54
	256QAM	1	0	21.05	21.03	21.01	19.73	19.76	19.66	19.59	19.60	19.56
		1	24	**21.16**	21.12	21.11	19.85	**19.86**	19.81	19.62	19.68	**19.69**
		1	49	21.07	20.93	20.89	19.82	19.82	19.76	19.59	19.62	19.58
		25	0	20.93	20.88	20.98	19.62	19.59	19.57	19.43	19.53	19.46
		25	12	21.02	20.92	20.96	19.70	19.69	19.62	19.53	19.59	19.58
		25	24	21.00	20.95	20.95	19.68	19.63	19.66	19.48	19.54	19.50
		50	0	21.01	20.89	20.93	19.69	19.63	19.58	19.48	19.56	19.55

5G NR n12

Test Engineer ID:	29435	Test Date:	11/7/2022

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	25.44	25.47	25.51	24.07	24.04	24.15	23.44	23.34	23.51
		1	1	**25.70**	25.69	**25.70**	24.54	24.57	24.66	**25.40**	24.32	24.33
		1	23	25.65	25.61	25.64	24.52	24.66	24.64	23.89	23.96	23.89
		1	24	25.41	25.43	25.41	23.96	24.12	24.07	23.37	23.52	23.43
		12	6	25.64	**25.70**	25.61	24.56	24.64	**24.70**	23.87	24.00	24.60
		25	0	25.35	25.39	25.32	23.93	24.09	24.13	23.31	23.44	23.42
	QPSK	1	0	24.70	24.97	24.30	23.07	23.13	23.17	23.79	24.28	23.43
		1	1	25.61	25.67	25.23	24.17	24.19	**24.27**	24.70	**24.95**	24.28
		1	23	25.56	**25.68**	25.60	24.05	24.20	24.09	24.86	24.89	24.84
		1	24	24.55	24.90	24.67	23.09	23.08	23.15	23.80	24.16	23.85
		12	6	25.62	**25.68**	25.31	24.15	24.22	24.24	24.70	24.91	24.04
		25	0	24.61	24.95	24.32	23.07	23.22	23.24	23.73	24.15	23.12
	16QAM	1	0	23.90	23.99	23.16	22.17	22.12	22.45	22.72	23.17	22.39
		1	1	24.85	**24.98**	24.10	23.17	23.22	**23.39**	23.67	**24.24**	23.27
		1	23	24.81	24.93	24.48	23.38	23.28	23.28	23.87	24.19	23.55
		1	24	23.76	23.93	23.44	21.93	22.21	22.36	22.79	23.20	22.54
		12	6	24.73	24.86	24.35	23.09	23.18	23.08	23.70	24.07	23.21
		25	0	23.66	23.87	23.39	22.09	22.17	22.19	22.79	23.12	22.33
	64QAM	1	0	23.46	**23.55**	23.13	21.63	21.73	21.59	22.33	22.60	22.14
		1	1	23.45	23.52	23.07	21.69	21.48	21.56	22.33	22.63	22.07
		1	23	23.36	23.51	23.39	21.39	21.63	21.67	22.42	22.69	22.28
		1	24	23.32	23.51	23.39	21.47	21.46	21.62	22.40	22.65	22.35
		12	6	23.19	23.46	22.86	21.67	**21.75**	**21.75**	22.14	22.68	21.66
		25	0	23.24	23.50	23.00	21.59	21.66	21.67	22.32	**22.75**	21.96
	256QAM	1	0	21.58	21.63	21.68	19.63	19.67	19.81	20.70	20.89	20.68
		1	1	21.57	21.67	**21.74**	19.60	19.74	19.71	20.70	**20.94**	20.69
		1	23	21.58	21.62	21.71	19.69	19.79	**19.85**	20.65	20.93	20.65
		1	24	21.55	21.65	21.70	19.62	19.73	19.70	20.68	20.86	20.68
		12	6	21.48	21.44	21.44	19.46	19.63	19.67	20.78	20.72	20.13
		25	0	21.39	21.40	21.41	19.59	19.63	19.71	20.70	20.71	20.25

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	25.45	25.46	25.57	24.04	24.01	24.05	23.69	23.51	23.75
		1	1	25.64	**25.70**	25.66	24.55	24.52	24.47	**25.40**	24.37	24.30
		1	50	25.57	25.63	25.59	24.62	24.58	24.52	23.90	24.13	24.06
		1	51	25.33	25.41	25.43	24.12	24.07	24.07	23.49	23.61	23.64
		25	12	25.49	25.50	25.68	24.41	24.46	**24.70**	23.93	24.00	24.60
		50	0	25.33	25.37	25.49	24.11	24.06	24.10	23.51	23.68	23.61
	QPSK	1	0	24.90	24.45	24.94	23.21	23.09	23.16	23.95	23.61	24.32
		1	1	**25.70**	25.54	**25.70**	**24.27**	24.17	24.22	24.87	24.74	**25.00**
		1	50	25.53	25.12	25.61	24.25	24.22	24.09	24.91	24.19	24.81
		1	51	24.84	24.13	24.60	23.15	23.22	23.05	24.19	23.19	23.81
		25	12	25.57	25.60	25.56	24.04	24.10	24.17	24.92	24.84	24.57
		50	0	24.85	24.86	24.62	23.09	23.14	23.19	24.22	24.13	23.79
	16QAM	1	0	23.91	23.50	24.51	21.85	22.05	21.97	22.83	23.32	22.96
		1	1	24.84	24.61	**25.46**	23.09	23.06	**23.67**	23.76	**24.44**	23.92
		1	50	24.80	24.18	25.20	23.11	22.94	23.39	23.99	23.76	23.56
		1	51	23.81	23.18	24.20	22.12	22.37	22.32	23.02	22.79	22.57
		25	12	24.83	24.93	24.62	23.09	23.11	23.23	24.17	24.15	23.64
		50	0	23.85	23.94	23.73	22.16	22.12	22.11	23.25	23.16	22.82
	64QAM	1	0	23.35	23.31	23.45	21.50	21.42	21.73	22.57	22.61	**22.82**
		1	1	23.38	23.35	23.40	21.58	21.46	21.43	22.54	22.69	22.75
		1	50	23.28	22.97	23.12	21.41	21.80	21.71	22.72	22.11	22.24
		1	51	23.26	22.97	23.17	21.63	**21.92**	21.56	22.75	22.09	22.33
		25	12	23.33	**23.49**	23.25	21.58	21.69	21.62	22.70	22.75	22.36
		50	0	23.39	**23.49**	23.30	21.68	21.74	21.67	22.72	22.69	22.46
	256QAM	1	0	21.51	21.47	**21.71**	19.66	19.77	19.61	20.82	20.88	**20.97**
		1	1	21.53	21.41	21.59	19.55	19.50	19.52	20.89	20.89	20.92
		1	50	21.62	21.34	21.64	**20.14**	19.83	20.00	20.91	20.75	20.71
		1	51	21.58	21.30	21.66	19.75	19.93	19.73	20.89	20.70	20.75
		25	12	21.27	21.34	21.44	19.62	19.61	19.72	20.63	20.65	20.63
		50	0	21.37	21.44	21.51	19.56	19.60	19.65	20.69	20.71	20.68

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	25.50	25.50	25.51	24.09	24.08	24.08	24.82	24.74	24.78
		1	1	**25.70**	**25.70**	**25.70**	24.59	24.58	24.60	25.36	25.38	**25.40**
		1	77	25.48	25.59	25.56	24.45	24.49	24.50	25.32	25.34	25.22
		1	78	25.26	25.35	25.31	23.97	23.96	23.97	24.82	24.67	24.73
		36	18	25.52	25.51	25.52	24.45	24.51	**24.70**	25.20	25.22	24.60
		75	0	25.36	25.39	25.40	24.08	24.10	24.11	24.79	24.77	24.72
	QPSK	1	0	24.43	24.61	24.68	23.14	23.33	23.22	23.73	23.73	23.77
		1	1	25.41	25.61	**25.65**	24.23	24.12	**24.27**	24.66	24.74	24.81
		1	77	24.90	25.33	25.60	24.10	24.12	24.07	24.14	24.54	24.86
		1	78	23.89	24.33	24.62	23.09	23.08	23.03	23.15	23.57	23.99
		36	18	25.55	25.61	25.59	24.04	24.14	24.13	**25.01**	24.94	24.95
		75	0	24.64	24.53	24.47	23.16	23.17	23.18	23.93	23.99	23.69
	16QAM	1	0	24.03	23.65	23.49	22.26	22.26	22.29	22.74	22.70	22.34
		1	1	**24.97**	24.68	24.52	22.99	**23.45**	23.10	23.70	23.72	23.38
		1	77	24.45	24.40	24.42	22.99	23.39	23.19	23.19	23.51	23.41
		1	78	23.46	23.40	23.40	22.04	22.21	21.91	22.20	22.55	22.39
		36	18	24.91	**24.97**	24.92	23.24	23.20	23.17	**24.28**	24.25	24.25
		75	0	23.66	23.64	23.63	22.20	22.19	22.17	23.04	23.03	23.04
	64QAM	1	0	23.34	23.22	23.36	21.70	21.55	21.49	22.38	22.42	22.25
		1	1	23.32	23.24	23.37	**21.81**	21.76	21.78	22.35	22.44	22.26
		1	77	22.80	22.93	23.24	21.48	21.67	21.53	21.82	22.18	22.29
		1	78	22.82	22.98	23.28	21.41	21.48	21.43	21.84	22.26	22.38
		36	18	23.36	23.35	**23.41**	21.69	21.64	21.70	22.75	**22.76**	22.69
		75	0	23.22	23.18	23.14	21.63	21.74	21.66	22.63	22.54	22.45
	256QAM	1	0	21.71	**22.04**	21.88	19.77	19.88	19.87	**21.10**	20.82	21.04
		1	1	21.70	22.03	21.86	19.72	**19.98**	19.95	21.09	20.84	21.06
		1	77	21.43	21.83	21.65	19.69	19.88	19.72	20.58	20.47	20.94
		1	78	21.43	21.86	21.67	19.83	19.95	19.93	20.59	20.53	20.91
		36	18	21.32	21.37	21.27	19.58	19.54	19.51	20.68	20.66	20.58
		75	0	21.39	21.38	21.39	19.64	19.66	19.64	20.77	20.71	20.69

8.3. LTE BAND 13

Test Engineer ID:	39004	Test Date:	11/9/2022

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	25.60	25.65	25.57	24.64	24.57	24.58	25.29	25.29	25.32
		1	12	**25.70**	**25.70**	**25.70**	**24.70**	**24.70**	**24.70**	**25.40**	**25.40**	**25.40**
		1	24	25.58	25.66	25.59	24.63	24.56	24.57	25.29	25.28	25.29
		12	0	24.87	24.89	24.83	23.60	23.52	23.53	24.26	24.26	24.29
		12	6	24.98	25.01	24.87	23.72	23.61	23.66	24.34	24.36	24.33
		12	11	24.92	24.97	24.92	23.68	23.60	23.61	24.33	24.35	24.34
		25	0	24.93	24.96	24.85	23.68	23.61	23.63	24.33	24.34	24.25
	16QAM	1	0	25.25	25.30	25.27	23.81	23.74	23.96	24.64	24.76	24.69
		1	12	25.39	**25.45**	25.36	23.92	23.88	**24.09**	24.82	**24.85**	24.73
		1	24	25.29	25.30	25.23	23.83	23.74	23.97	24.64	24.75	24.67
		12	0	23.98	24.00	23.87	22.59	22.55	22.58	23.35	23.40	23.25
		12	6	24.10	24.12	23.93	22.69	22.66	22.74	23.47	23.51	23.26
		12	11	24.05	24.07	23.96	22.67	22.62	22.68	23.44	23.50	23.31
		25	0	23.98	23.97	23.86	22.69	22.64	22.60	23.35	23.36	23.30
	64QAM	1	0	24.18	24.20	24.08	22.67	22.67	22.68	22.70	22.69	22.67
		1	12	24.22	**24.26**	24.08	**22.84**	22.72	22.69	**22.73**	22.69	22.67
		1	24	24.15	24.21	24.06	22.75	22.65	22.67	22.63	22.63	22.65
		12	0	22.87	22.93	22.86	21.62	21.54	21.56	21.50	21.48	21.48
		12	6	22.96	23.05	22.90	21.72	21.64	21.65	21.62	21.54	21.48
		12	11	22.93	23.02	22.94	21.70	21.60	21.63	21.57	21.54	21.54
		25	0	22.94	22.98	22.87	21.69	21.59	21.64	21.58	21.52	21.47
	256QAM	1	0	20.97	21.01	21.04	19.72	19.64	19.69	19.63	19.51	19.67
		1	12	21.10	**21.17**	21.16	**19.82**	19.81	19.79	19.74	19.63	**19.77**
		1	24	21.02	21.12	21.09	19.78	19.73	19.78	19.69	19.53	19.68
		12	0	20.83	20.93	20.85	19.59	19.49	19.55	19.50	19.46	19.48
		12	6	20.97	21.03	20.88	19.70	19.60	19.65	19.60	19.57	19.50
		12	11	20.91	20.98	20.92	19.67	19.58	19.61	19.55	19.52	19.54
		25	0	20.92	20.98	20.84	19.68	19.58	19.60	19.59	19.49	19.41

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		**25.70**			**24.70**			25.34	
		1	24		25.67			24.69			**25.40**	
		1	49		25.66			24.63			25.34	
		25	0		24.98			23.66			24.36	
		25	12		25.05			23.71			24.45	
		25	24		25.01			23.69			24.41	
		50	0		25.05			23.73			24.44	
	16QAM	1	0		**25.38**			**23.86**			**24.76**	
		1	24		25.32			23.83			24.69	
		1	49		25.28			23.81			24.64	
		25	0		24.01			22.70			23.44	
		25	12		24.07			22.74			23.48	
		25	24		24.05			22.71			23.45	
		50	0		24.06			22.73			23.45	
	64QAM	1	0		**24.28**			**23.87**			**22.86**	
		1	24		24.25			23.84			**22.86**	
		1	49		24.21			23.79			22.79	
		25	0		22.99			22.70			21.57	
		25	12		23.04			22.72			21.64	
		25	24		23.01			22.74			21.58	
		50	0		23.05			22.73			21.62	
	256QAM	1	0		21.10			19.78			19.63	
		1	24		**21.22**			**19.91**			**19.75**	
		1	49		21.13			19.76			19.65	
		25	0		20.98			19.67			19.54	
		25	12		21.04			19.74			19.63	
		25	24		21.01			19.72			19.59	
		50	0		21.03			19.73			19.58	

8.4. LTE BAND 14 AND 5G NR n14

LTE BAND 14

Test Engineer ID:	39004	Test Date:	11/9/2022

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	25.60	25.57	25.59	24.59	24.60	24.60	25.32	25.22	25.31
		1	12	**25.70**	**25.70**	**25.70**	**24.70**	**24.70**	**24.70**	**25.40**	**25.40**	**25.40**
		1	24	25.60	25.57	25.60	24.59	24.62	24.63	25.28	25.25	25.27
		12	0	24.93	24.82	24.84	23.58	23.58	23.59	24.66	24.60	24.57
		12	6	24.95	24.91	24.87	23.64	23.67	23.70	24.65	24.64	24.68
		12	11	24.91	24.90	24.92	23.60	23.64	23.65	24.62	24.60	24.63
		25	0	24.92	24.91	24.84	23.60	23.64	23.66	24.64	24.59	24.67
	16QAM	1	0	25.26	25.21	25.27	23.96	24.04	23.99	25.01	24.96	24.96
		1	12	25.40	25.35	**25.42**	24.04	**24.09**	24.05	25.10	25.09	**25.12**
		1	24	25.24	25.25	25.26	23.91	24.02	23.97	24.98	24.93	24.94
		12	0	24.04	23.88	23.83	22.62	22.61	22.58	23.76	23.69	23.69
		12	6	24.05	23.99	23.87	22.65	22.72	22.70	23.81	23.72	23.79
		12	11	24.02	23.97	23.92	22.59	22.68	22.67	23.75	23.67	23.75
		25	0	23.95	23.97	23.86	22.63	22.65	22.67	23.67	23.59	23.67
	64QAM	1	0	24.08	24.29	24.10	22.82	22.68	22.83	23.61	23.73	23.77
		1	12	24.10	**24.38**	24.18	22.86	22.77	**22.89**	23.67	23.76	**23.82**
		1	24	24.06	24.28	24.11	22.76	22.73	22.84	23.58	23.70	23.75
		12	0	22.94	22.83	22.88	21.64	21.55	21.60	22.66	22.63	22.57
		12	6	22.98	22.97	22.89	21.67	21.67	21.69	22.66	22.63	22.68
		12	11	22.93	22.91	22.95	21.64	21.65	21.68	22.66	22.61	22.64
		25	0	22.95	22.93	22.86	21.64	21.64	21.68	22.62	22.59	22.66
	256QAM	1	0	20.94	20.96	20.93	19.68	19.73	19.62	20.62	20.57	20.74
		1	12	21.08	**21.09**	21.08	19.74	**19.88**	19.71	20.76	20.71	**20.87**
		1	24	21.02	21.05	21.02	19.69	19.80	19.70	20.65	20.61	20.80
		12	0	20.93	20.81	20.82	19.64	19.53	19.59	20.62	20.59	20.58
		12	6	20.95	20.93	20.87	19.65	19.64	19.70	20.66	20.63	20.67
		12	11	20.93	20.91	20.91	19.65	19.62	19.66	20.61	20.61	20.63
		25	0	20.92	20.88	20.84	19.61	19.60	19.65	20.62	20.56	20.64

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		**25.70**			24.66			**25.40**	
		1	24		**25.70**			**24.70**			25.36	
		1	49		25.63			24.67			25.35	
		25	0		24.96			23.62			24.65	
		25	12		25.04			23.72			24.73	
		25	24		25.01			23.70			24.68	
		50	0		25.03			23.69			24.71	
	16QAM	1	0		**25.43**			**24.09**			**25.12**	
		1	24		25.32			23.96			25.01	
		1	49		25.34			24.05			25.06	
		25	0		23.95			22.66			23.67	
		25	12		24.09			22.76			23.73	
		25	24		24.09			22.75			23.71	
		50	0		24.06			22.70			23.71	
	64QAM	1	0		24.23			22.89			**23.91**	
		1	24		**24.26**			**22.90**			23.89	
		1	49		24.20			22.86			23.79	
		25	0		23.00			21.69			22.62	
		25	12		23.09			21.78			22.74	
		25	24		23.05			21.75			22.70	
		50	0		23.05			21.76			22.69	
	256QAM	1	0		21.02			19.79			20.74	
		1	24		**21.11**			**19.91**			**20.80**	
		1	49		21.06			19.84			20.69	
		25	0		20.98			19.68			20.64	
		25	12		21.07			19.77			20.71	
		25	24		21.03			19.75			20.68	
		50	0		21.05			19.74			20.67	

5G NR n14

Test Engineer ID:	29435	Test Date:	11/7/2022

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	23.50	23.70	23.70	22.64	22.70	22.60	23.30	23.40	23.40
		1	1	25.54	25.66	25.46	24.63	24.54	24.56	24.92	25.24	**25.40**
		1	23	25.62	25.64	25.41	24.65	24.57	24.58	25.07	25.25	25.32
		1	24	23.70	23.56	23.52	22.70	22.59	22.70	23.40	23.37	23.40
		12	6	**25.70**	**25.70**	25.39	24.69	**24.70**	24.61	25.10	25.38	25.39
		25	0	25.41	25.39	25.15	24.42	24.38	24.34	25.00	25.10	25.14
	QPSK	1	0	23.22	23.18	23.17	22.11	22.19	22.17	23.06	23.00	22.97
		1	1	**25.70**	25.68	**25.70**	24.64	24.63	**24.70**	25.27	**25.40**	25.23
		1	23	25.63	25.67	25.57	24.68	24.65	24.66	25.35	25.37	25.15
		1	24	23.20	23.09	23.06	22.23	22.19	22.18	23.18	22.91	22.77
		12	6	25.53	25.69	25.45	**24.70**	**24.70**	24.64	**25.40**	25.36	25.31
		25	0	24.81	24.94	24.71	23.96	23.95	23.91	24.70	24.65	24.62
	16QAM	1	0	21.85	22.28	22.17	21.57	21.03	21.21	21.99	21.73	21.57
		1	1	24.64	25.00	24.82	24.28	23.75	23.93	24.46	24.37	24.42
		1	23	24.62	25.00	24.75	**24.34**	23.80	23.88	24.55	24.46	24.29
		1	24	21.81	22.15	22.07	21.53	20.98	21.17	22.15	21.75	21.51
		12	6	24.94	**25.01**	24.75	23.96	24.00	23.87	**24.80**	24.70	24.64
		25	0	23.83	23.96	23.64	22.99	22.88	22.83	23.66	23.59	23.42
	64QAM	1	0	21.62	21.84	21.63	20.71	20.72	20.69	21.71	21.68	21.32
		1	1	23.46	23.63	23.24	**22.56**	22.38	22.45	23.22	23.28	23.12
		1	23	23.28	**23.65**	23.13	22.50	22.33	22.45	23.24	**23.37**	23.07
		1	24	21.51	21.67	21.53	20.76	20.62	20.72	21.81	21.64	21.32
		12	6	23.31	23.50	23.25	22.45	22.44	22.40	23.16	23.19	23.00
		25	0	23.34	23.49	23.12	22.46	22.42	22.35	23.20	23.13	23.04
	256QAM	1	0	20.10	20.11	19.84	18.52	18.64	18.53	19.69	19.48	19.26
		1	1	21.82	21.87	21.45	20.27	20.29	20.36	21.11	21.21	20.93
		1	23	21.82	**21.89**	21.36	20.30	20.16	20.34	21.08	**21.25**	20.90
		1	24	20.13	20.04	19.80	18.51	18.48	18.62	19.63	19.58	19.12
		12	6	21.24	21.33	21.09	**20.43**	20.31	20.34	21.10	21.09	21.02
		25	0	21.36	21.42	21.09	20.38	20.40	20.37	21.20	21.10	21.07

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			23.32	
		1	1		**25.67**			24.55			25.11	
		1	50		25.63			24.60			25.11	
		1	51		23.52			22.56			23.19	
		25	12		25.63			**24.70**			**25.23**	
		50	0		25.43			24.48			25.17	
	QPSK	1	0		23.22			22.69			23.40	
		1	1		**25.70**			24.65			25.37	
		1	50		25.64			**24.69**			25.39	
		1	51		23.00			22.67			23.36	
		25	12		25.69			**24.69**			**25.40**	
		50	0		24.95			23.95			24.70	
	16QAM	1	0		22.31			22.69			23.08	
		1	1		**25.17**			**23.92**			24.25	
		1	50		24.96			23.49			24.10	
		1	51		22.18			22.43			22.96	
		25	12		24.91			23.79			**24.58**	
		50	0		23.97			22.87			23.63	
	64QAM	1	0		21.95			22.19			22.98	
		1	1		**23.78**			**22.50**			23.14	
		1	50		23.62			22.42			**23.22**	
		1	51		21.73			22.14			22.97	
		25	12		23.50			22.34			23.13	
		50	0		23.37			22.37			23.16	
	256QAM	1	0		19.90			20.18			20.79	
		1	1		21.64			20.26			20.89	
		1	50		**21.68**			**20.44**			20.85	
		1	51		19.79			19.96			20.69	
		25	12		21.36			20.28			**21.21**	
		50	0		21.43			20.35			21.18	

8.5. LTE BAND 17

Test Engineer ID:	39004	Test Date:	11/17/2022

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	25.55	25.52	25.56	24.57	24.49	24.57	25.26	25.27	25.27
		1	12	**25.70**	**25.70**	**25.70**	**24.70**	**24.70**	**24.70**	**25.40**	**25.40**	25.39
		1	24	25.60	25.54	25.58	24.55	24.55	24.60	25.30	24.99	**25.40**
		12	0	24.87	24.85	24.88	23.55	23.49	23.53	24.25	24.26	24.05
		12	6	24.98	24.97	24.90	23.65	23.63	23.59	24.34	24.38	24.36
		12	11	24.95	24.92	24.96	23.62	23.58	23.64	24.31	24.33	24.44
		25	0	24.97	24.93	24.90	23.61	23.56	23.51	24.32	24.35	24.34
	16QAM	1	0	25.26	25.25	25.27	23.93	23.94	23.92	24.54	24.75	24.58
		1	12	**25.46**	25.45	25.29	24.06	23.99	**24.09**	24.75	**24.84**	24.70
		1	24	25.31	24.94	25.32	23.90	23.93	23.99	24.65	24.46	24.81
		12	0	23.95	23.99	23.89	22.52	22.61	22.54	23.31	23.34	23.12
		12	6	24.06	24.12	23.98	22.71	22.67	22.61	23.42	23.47	23.39
		12	11	24.05	24.08	24.02	22.66	22.71	22.67	23.40	23.44	23.46
		25	0	24.03	23.99	23.96	22.59	22.58	22.54	23.31	23.39	23.38
	64QAM	1	0	24.24	24.20	24.17	22.65	22.67	22.71	22.64	22.59	22.61
		1	12	**24.34**	24.15	24.22	22.79	22.72	22.79	22.66	**22.70**	22.68
		1	24	24.27	24.03	24.16	22.76	22.68	**22.80**	22.57	22.61	22.61
		12	0	22.95	22.86	22.92	21.50	21.50	21.52	21.48	21.45	21.48
		12	6	23.04	22.96	22.94	21.62	21.61	21.58	21.58	21.55	21.51
		12	11	23.02	22.94	23.00	21.60	21.58	21.62	21.54	21.50	21.53
		25	0	23.03	22.94	22.92	21.59	21.57	21.54	21.53	21.50	21.45
	256QAM	1	0	21.08	20.96	21.02	19.68	19.70	19.78	19.49	19.44	19.51
		1	12	**21.21**	21.13	21.16	19.74	19.71	**19.83**	19.61	19.62	**19.66**
		1	24	21.14	21.07	21.06	19.70	19.75	19.78	19.57	19.49	19.57
		12	0	20.97	20.83	20.89	19.53	19.48	19.53	19.46	19.41	19.43
		12	6	21.05	20.93	20.92	19.63	19.58	19.53	19.57	19.54	19.47
		12	11	21.03	20.90	20.95	19.60	19.55	19.60	19.53	19.48	19.50
		25	0	21.01	20.90	20.87	19.59	19.57	19.52	19.51	19.50	19.43

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	25.68	25.69	25.69	24.66	24.68	24.67	25.27	25.27	25.31
		1	24	**25.70**	**25.70**	**25.70**	**24.70**	**24.70**	**24.70**	25.37	25.35	**25.40**
		1	49	25.68	25.68	25.68	24.66	24.69	24.66	**25.40**	**25.40**	25.36
		25	0	24.98	24.98	24.98	23.60	23.62	23.62	24.28	24.28	24.34
		25	12	25.05	25.09	24.99	23.71	23.72	23.65	24.40	24.38	24.41
		25	24	25.03	25.05	25.06	23.71	23.70	23.70	24.36	24.38	24.43
		50	0	25.06	25.09	25.01	23.66	23.66	23.60	24.38	24.38	24.41
	16QAM	1	0	25.41	25.52	**25.55**	24.00	24.02	23.99	24.59	24.69	24.63
		1	24	25.37	25.44	25.21	23.93	24.03	23.97	24.59	24.71	24.75
		1	49	25.23	25.49	25.45	23.99	24.01	**24.05**	24.63	**24.88**	24.75
		25	0	24.04	24.13	24.12	22.64	22.64	22.63	23.28	23.31	23.37
		25	12	24.11	24.22	24.12	22.71	22.74	22.60	23.39	23.43	23.47
		25	24	24.08	24.18	24.18	22.73	22.71	22.74	23.37	23.41	23.45
		50	0	24.08	24.13	24.06	22.66	22.68	22.59	23.38	23.38	23.43
	64QAM	1	0	24.12	24.28	24.26	22.85	22.90	22.92	**22.75**	22.67	22.70
		1	24	24.13	24.28	**24.29**	22.93	22.90	**22.96**	22.74	22.69	22.69
		1	49	24.02	24.19	24.18	22.95	22.90	**22.96**	22.57	22.61	22.64
		25	0	22.97	23.00	23.02	21.60	21.62	21.62	21.50	21.44	21.50
		25	12	23.08	23.10	23.01	21.71	21.71	21.63	21.59	21.53	21.50
		25	24	23.03	23.06	23.06	21.68	21.68	21.67	21.54	21.47	21.53
		50	0	23.05	23.08	23.00	21.66	21.66	21.60	21.56	21.50	21.47
	256QAM	1	0	21.06	21.11	21.03	19.74	19.79	19.83	19.63	19.55	19.62
		1	24	21.16	**21.27**	21.09	19.83	19.83	**19.86**	19.72	19.63	**19.73**
		1	49	21.12	21.09	21.02	19.85	19.72	19.83	19.61	19.53	19.59
		25	0	20.94	20.98	20.98	19.58	19.61	19.60	19.47	19.43	19.50
		25	12	21.03	21.07	20.97	19.68	19.69	19.62	19.54	19.51	19.49
		25	24	20.99	21.02	21.02	19.67	19.68	19.68	19.51	19.47	19.53
		50	0	21.01	21.04	20.94	19.66	19.67	19.59	19.54	19.48	19.46

8.6. LTE BAND 25 AND 5G NR n25

LTE BAND 25

Test Engineer ID:	39004	**Test Date:**	11/17/2022

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	25.67	25.66	25.66	23.39	**23.40**	23.37	25.49	25.47	25.45	**22.90**	22.76	22.70
		1	2	25.69	**25.70**	25.69	**23.40**	23.39	**23.40**	25.49	**25.50**	**25.50**	**22.90**	22.82	22.83
		1	5	25.67	25.65	25.67	23.39	23.39	23.37	25.48	25.43	25.44	22.83	22.82	22.66
		3	0	25.67	25.63	25.67	23.36	23.37	23.35	25.47	25.46	25.49	22.86	22.85	**22.90**
		3	1	**25.70**	25.68	25.69	23.36	23.37	23.34	25.47	25.48	**25.50**	22.85	**22.90**	22.76
		3	2	25.65	25.67	**25.70**	23.37	23.34	23.34	**25.50**	25.47	25.49	22.83	22.88	22.53
		6	0	24.95	24.88	24.98	22.37	22.33	22.33	24.56	24.56	24.57	21.85	21.88	21.95
	16QAM	1	0	25.29	25.31	25.15	22.73	**22.76**	22.67	24.93	24.91	24.82	22.09	22.27	22.00
		1	2	25.34	**25.38**	25.23	22.73	22.74	22.69	**25.02**	24.91	24.78	22.09	22.27	21.86
		1	5	25.31	25.35	25.17	22.73	22.73	22.64	25.01	24.93	24.82	22.06	**22.32**	21.28
		3	0	25.10	25.14	25.11	22.59	22.54	22.50	24.79	24.76	24.69	21.98	22.14	21.58
		3	1	25.15	25.16	25.15	22.59	22.58	22.52	24.80	24.74	24.72	22.02	22.14	21.83
		3	2	25.12	25.19	25.16	22.60	22.54	22.51	24.80	24.75	24.73	22.02	22.15	21.84
		6	0	23.97	23.98	23.98	21.45	21.47	21.35	23.69	23.66	23.64	20.89	21.04	20.67
	64QAM	1	0	24.03	24.10	23.95	21.60	21.50	21.37	23.92	23.87	23.74	21.13	21.16	20.88
		1	2	24.03	24.04	24.01	**21.63**	21.58	21.33	**24.05**	23.81	23.77	21.17	**21.24**	20.89
		1	5	**24.14**	24.05	24.01	21.60	21.54	21.26	23.84	23.82	23.73	21.16	21.07	20.82
		3	0	23.96	23.87	24.07	21.47	21.42	21.46	23.70	23.54	23.55	20.93	21.19	20.51
		3	1	24.00	23.92	24.08	21.47	21.44	21.47	23.69	23.55	23.54	20.94	21.20	20.48
		3	2	23.99	23.92	24.07	21.45	21.45	21.45	23.67	23.54	23.62	20.95	21.22	20.49
		6	0	22.93	22.98	22.99	20.39	20.40	20.36	22.57	22.59	22.63	19.94	19.95	19.62
	256QAM	1	0	21.06	20.98	**21.16**	18.40	18.50	18.48	20.73	20.75	20.73	17.95	**18.03**	17.69
		1	2	20.96	21.07	21.13	18.51	18.57	**18.60**	20.71	**20.84**	20.77	18.01	18.02	17.71
		1	5	20.94	21.06	21.12	18.44	18.51	18.36	20.74	20.75	20.73	17.95	17.96	17.65
		3	0	20.95	20.94	21.06	18.39	18.39	18.41	20.55	20.70	20.60	17.92	17.93	17.70
		3	1	20.97	21.03	21.07	18.41	18.41	18.42	20.58	20.69	20.59	17.93	17.93	17.72
		3	2	20.98	21.01	21.10	18.41	18.43	18.42	20.56	20.70	20.59	17.95	17.91	17.76
		6	0	20.88	20.89	21.04	18.42	18.44	18.42	20.56	20.67	20.60	17.85	17.85	17.61

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	25.59	25.59	25.54	23.29	23.28	23.31	25.40	25.38	25.41	22.78	22.78	22.82
		1	7	**25.70**	**25.70**	**25.70**	**23.40**	**23.40**	**23.40**	**25.50**	**25.50**	**25.50**	**22.90**	**22.90**	**22.90**
		1	14	25.60	25.56	25.59	23.30	23.32	23.32	25.39	25.39	25.42	22.78	22.79	22.77
		8	0	24.97	24.91	24.88	22.38	22.28	22.28	24.57	24.60	24.62	21.89	21.89	21.87
		8	4	25.00	24.94	25.00	22.38	22.39	22.33	24.63	24.63	24.63	21.94	21.90	21.91
		8	7	24.99	24.94	24.99	22.39	22.39	22.33	24.63	24.64	24.62	21.92	21.90	21.92
		15	0	24.98	24.90	24.89	22.34	22.29	22.28	24.57	24.56	24.61	21.87	21.86	21.83
	16QAM	1	0	25.22	25.28	25.26	22.55	22.57	22.62	24.87	24.95	24.92	22.14	22.14	22.15
		1	7	25.35	**25.43**	25.40	22.71	**22.73**	22.70	24.94	24.99	**25.01**	22.22	**22.25**	22.23
		1	14	25.20	25.27	25.31	22.59	22.66	22.59	24.80	24.88	24.93	22.18	22.13	22.12
		8	0	24.03	23.96	23.95	21.42	21.34	21.35	23.66	23.62	23.64	20.95	20.98	20.91
		8	4	24.08	24.00	24.05	21.46	21.46	21.38	23.72	23.67	23.70	20.97	21.02	20.98
		8	7	24.07	23.99	24.07	21.46	21.46	21.37	23.71	23.67	23.69	20.97	21.04	20.97
		15	0	23.97	23.94	23.91	21.42	21.34	21.29	23.64	23.64	23.62	20.89	20.91	20.89
	64QAM	1	0	24.06	24.21	24.09	21.59	21.48	21.59	23.69	23.84	23.81	20.92	21.09	21.04
		1	7	24.14	**24.27**	24.18	**21.68**	21.61	21.67	23.83	**23.88**	23.87	21.01	**21.12**	21.10
		1	14	24.10	24.18	24.12	21.62	21.52	21.55	23.68	23.72	23.82	20.95	21.08	21.04
		8	0	23.00	22.90	22.86	20.44	20.34	20.32	22.63	22.62	22.64	19.93	19.95	19.90
		8	4	23.02	22.95	22.99	20.49	20.48	20.35	22.65	22.65	22.67	19.94	19.98	19.94
		8	7	23.01	22.95	22.99	20.48	20.47	20.35	22.66	22.63	22.67	19.92	20.00	19.93
		15	0	22.98	22.96	22.91	20.40	20.31	20.32	22.63	22.64	22.63	19.92	19.93	19.93
	256QAM	1	0	20.88	21.05	21.06	18.30	18.32	18.31	20.69	20.73	20.71	17.97	18.04	18.04
		1	7	20.99	21.18	**21.20**	18.51	**18.58**	18.49	20.75	20.72	**20.77**	18.05	**18.09**	18.05
		1	14	20.93	21.10	21.07	18.42	18.45	18.42	20.58	20.63	20.64	17.97	18.05	18.07
		8	0	20.98	20.94	20.91	18.40	18.30	18.30	20.61	20.59	20.61	17.92	17.94	17.91
		8	4	21.01	21.01	21.04	18.43	18.41	18.33	20.63	20.65	20.67	17.94	17.96	17.95
		8	7	21.02	21.01	21.03	18.41	18.41	18.32	20.66	20.64	20.64	17.96	17.96	17.97
		15	0	20.94	20.93	20.90	18.39	18.32	18.28	20.58	20.58	20.60	17.90	17.91	17.92

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	25.56	25.57	25.62	23.29	23.17	23.37	25.36	25.38	25.41	22.75	22.72	22.79
		1	12	**25.70**	**25.70**	**25.70**	**23.40**	**23.40**	**23.40**	**25.50**	**25.50**	**25.50**	**22.90**	**22.90**	**22.90**
		1	24	25.56	25.58	25.63	23.29	23.26	23.34	25.37	25.39	25.45	22.76	22.72	22.79
		12	0	24.92	24.85	24.95	22.35	22.20	22.36	24.53	24.52	24.46	21.77	21.69	21.71
		12	6	24.93	24.89	24.97	22.39	22.23	22.40	24.55	24.54	24.48	21.82	21.79	21.75
		12	11	24.93	24.94	24.96	22.37	22.30	22.38	24.52	24.49	24.53	21.80	21.77	21.77
		25	0	24.93	24.86	24.94	22.36	22.19	22.35	24.53	24.53	24.45	21.78	21.76	21.69
	16QAM	1	0	25.23	25.21	25.28	22.66	22.59	22.72	24.84	24.83	24.84	22.08	22.09	22.14
		1	12	25.37	**25.45**	25.40	**22.78**	22.72	22.76	24.92	**25.01**	24.99	22.17	22.19	**22.20**
		1	24	25.27	25.21	25.29	22.67	22.63	22.71	24.86	24.81	24.86	22.13	22.13	22.15
		12	0	23.95	24.00	24.00	21.36	21.20	21.38	23.58	23.48	23.52	20.91	20.67	20.68
		12	6	23.97	24.02	24.03	21.39	21.25	21.43	23.61	23.50	23.57	20.96	20.79	20.70
		12	11	23.94	24.06	24.01	21.35	21.30	21.40	23.59	23.48	23.63	20.93	20.78	20.74
		25	0	23.94	23.87	24.02	21.40	21.22	21.38	23.54	23.48	23.50	20.81	20.83	20.73
	64QAM	1	0	24.10	24.09	24.29	21.35	21.39	21.44	23.86	23.78	23.79	20.92	20.88	21.01
		1	12	24.16	24.20	**24.38**	21.40	**21.45**	21.41	**23.96**	23.83	23.85	**21.07**	20.97	21.05
		1	24	24.08	24.14	24.30	21.39	21.40	21.39	23.83	23.77	23.84	20.94	20.92	21.00
		12	0	22.95	22.92	22.99	20.39	20.20	20.34	22.53	22.57	22.53	19.84	19.74	19.75
		12	6	22.95	22.92	23.00	20.40	20.26	20.39	22.56	22.61	22.55	19.85	19.84	19.77
		12	11	22.94	22.99	23.00	20.39	20.32	20.39	22.53	22.56	22.61	19.82	19.84	19.83
		25	0	22.92	22.89	22.99	20.39	20.21	20.37	22.54	22.57	22.51	19.82	19.79	19.73
	256QAM	1	0	20.97	21.01	21.07	18.43	18.29	18.40	20.62	20.67	20.57	17.79	17.78	17.79
		1	12	21.10	21.10	**21.13**	**18.55**	18.48	18.46	20.73	20.72	**20.75**	17.92	**17.94**	17.93
		1	24	21.00	21.07	21.08	18.51	18.42	18.38	20.68	20.63	20.67	17.86	17.88	17.83
		12	0	20.90	20.89	20.94	18.34	18.20	18.36	20.54	20.54	20.51	17.81	17.73	17.72
		12	6	20.94	20.93	21.01	18.39	18.23	18.40	20.56	20.57	20.51	17.84	17.85	17.76
		12	11	20.92	20.98	20.96	18.36	18.30	18.35	20.53	20.54	20.58	17.82	17.82	17.81
		25	0	20.90	20.88	20.95	18.35	18.18	18.34	20.53	20.55	20.48	17.79	17.82	17.71

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	25.65	25.69	25.66	23.37	23.31	**23.40**	25.45	25.45	25.48	22.89	22.88	22.89
		1	24	**25.70**	25.69	**25.70**	**23.40**	23.39	23.39	**25.50**	**25.50**	**25.50**	**22.90**	**22.90**	**22.90**
		1	49	25.64	**25.70**	25.67	23.33	**23.40**	23.36	25.46	25.48	**25.50**	22.87	22.85	22.88
		25	0	25.01	24.96	24.94	22.32	22.31	22.34	24.65	24.65	24.54	21.86	21.85	21.87
		25	12	25.03	25.00	24.95	22.40	22.33	22.43	24.67	24.66	24.66	21.97	21.96	21.88
		25	24	25.00	25.06	25.01	22.39	22.42	22.38	24.64	24.63	24.63	21.96	21.93	21.94
		50	0	25.02	24.97	24.95	22.39	22.31	22.43	24.63	24.63	24.63	21.94	21.93	21.85
	16QAM	1	0	25.30	**25.49**	25.42	22.79	22.61	22.70	24.93	25.02	25.03	22.26	22.22	**22.29**
		1	24	25.29	25.40	25.37	22.73	22.69	22.62	24.86	24.94	24.96	22.22	22.20	22.20
		1	49	25.27	25.41	25.42	**22.80**	22.71	22.68	24.95	25.04	**25.08**	22.22	22.17	22.21
		25	0	24.02	24.01	23.98	21.34	21.34	21.38	23.66	23.67	23.55	20.92	20.85	20.88
		25	12	24.04	24.01	23.99	21.43	21.38	21.47	23.68	23.68	23.67	21.03	20.97	20.90
		25	24	24.03	24.05	24.07	21.41	21.48	21.46	23.65	23.66	23.64	21.00	20.95	20.97
		50	0	24.02	23.99	23.94	21.39	21.32	21.44	23.66	23.66	23.63	20.96	20.96	20.87
	64QAM	1	0	24.17	24.33	24.23	21.54	21.62	21.64	23.72	23.82	23.73	21.02	21.05	**21.25**
		1	24	24.22	**24.36**	24.24	21.59	**21.68**	21.66	23.76	**23.92**	23.79	21.10	21.12	21.20
		1	49	24.18	24.34	24.24	21.59	21.67	21.61	23.70	23.91	23.74	21.14	21.04	21.19
		25	0	23.01	23.01	22.96	20.32	20.30	20.32	22.67	22.68	22.58	19.90	19.89	19.92
		25	12	23.05	23.04	22.98	20.42	20.36	20.43	22.68	22.72	22.66	20.01	19.97	19.93
		25	24	23.01	23.07	23.06	20.41	20.43	20.40	22.65	22.70	22.64	19.99	19.98	19.98
		50	0	23.00	22.98	22.96	20.40	20.33	20.38	22.65	22.68	22.64	19.99	19.96	19.89
	256QAM	1	0	21.03	21.04	21.09	18.38	18.35	18.40	20.62	20.74	20.64	17.97	17.99	17.96
		1	24	21.15	**21.16**	21.14	18.49	**18.53**	**18.53**	20.75	**20.79**	20.77	**18.10**	18.08	**18.10**
		1	49	21.06	21.08	21.15	18.45	18.52	18.43	20.70	20.78	20.71	18.02	18.04	18.05
		25	0	21.00	20.99	20.94	18.33	18.27	18.34	20.65	20.66	20.55	17.88	17.88	17.89
		25	12	21.02	21.01	20.96	18.42	18.31	18.41	20.68	20.67	20.65	17.98	18.01	17.93
		25	24	20.98	21.08	21.04	18.39	18.40	18.38	20.63	20.65	20.64	17.95	17.99	17.96
		50	0	20.98	20.98	20.94	18.39	18.31	18.39	20.62	20.68	20.62	17.94	17.97	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	25.68	25.66	25.68	**23.40**	23.29	**23.40**	**25.50**	**25.50**	**25.50**	22.86	**22.90**	22.86
		1	37	25.67	**25.70**	**25.70**	23.34	**23.40**	**23.40**	25.43	**25.50**	25.48	22.84	**22.90**	**22.90**
		1	74	**25.70**	25.60	25.63	23.33	23.38	23.32	25.45	25.48	25.45	**22.90**	22.79	22.81
		36	0	24.96	24.99	24.97	22.32	22.34	22.38	24.60	24.72	24.59	21.85	21.89	21.84
		36	16	25.02	24.99	25.05	22.40	22.35	22.36	24.58	24.70	24.59	21.90	21.95	21.84
		36	35	25.01	25.05	25.04	22.35	22.45	22.43	24.57	24.68	24.66	21.90	21.94	21.90
		75	0	25.02	24.97	25.03	22.38	22.34	22.35	24.58	24.70	24.59	21.89	21.93	21.80
	16QAM	1	0	25.28	25.36	25.27	22.65	22.53	**22.75**	24.85	24.98	24.92	22.04	22.16	22.07
		1	37	25.33	**25.41**	25.39	22.68	22.67	22.65	24.77	**25.02**	24.98	**22.16**	22.14	22.07
		1	74	25.27	25.31	25.26	22.66	22.57	22.57	24.85	24.95	24.93	22.08	22.10	22.00
		36	0	23.99	24.03	24.00	21.34	21.36	21.41	23.63	23.73	23.60	20.87	20.91	20.84
		36	16	24.05	24.00	24.05	21.43	21.38	21.40	23.60	23.73	23.61	20.92	20.99	20.87
		36	35	24.05	24.06	24.05	21.39	21.46	21.45	23.60	23.71	23.69	20.91	20.99	20.92
		75	0	24.03	24.01	24.09	21.41	21.37	21.39	23.58	23.72	23.62	20.91	20.98	20.85
	64QAM	1	0	24.17	24.26	24.10	21.53	21.45	21.57	23.82	23.79	23.72	20.98	21.00	21.04
		1	37	24.18	**24.30**	24.15	21.51	**21.58**	21.57	23.82	23.81	23.78	21.02	21.04	**21.07**
		1	74	24.19	24.21	24.06	21.47	21.57	21.55	**23.91**	23.74	23.72	21.04	20.95	21.00
		36	0	22.98	23.04	23.03	20.36	20.32	20.40	22.62	22.77	22.64	19.86	19.96	19.89
		36	16	23.04	23.03	23.11	20.39	20.35	20.40	22.60	22.75	22.65	19.92	20.02	19.87
		36	35	23.03	23.10	23.08	20.37	20.46	20.44	22.60	22.73	22.72	19.91	19.99	19.92
		75	0	23.03	23.01	23.10	20.40	20.35	20.42	22.60	22.74	22.61	19.90	19.99	19.88
	256QAM	1	0	21.01	21.09	21.02	18.40	18.38	18.56	20.63	20.74	20.72	17.83	18.02	17.85
		1	37	21.07	21.14	21.01	18.41	18.54	**18.58**	20.67	20.80	20.81	17.91	**18.11**	17.94
		1	74	21.09	**21.17**	21.07	18.42	18.57	18.54	20.68	**20.85**	20.79	17.92	**18.11**	17.94
		36	0	20.96	21.03	21.00	18.33	18.32	18.41	20.62	20.74	20.63	17.86	17.93	17.89
		36	16	21.03	21.01	21.07	18.38	18.33	18.39	20.59	20.73	20.63	17.93	18.01	17.87
		36	35	21.00	21.08	21.07	18.35	18.43	18.45	20.56	20.71	20.70	17.91	17.98	17.93
		75	0	21.02	21.02	21.10	18.39	18.38	18.40	20.59	20.73	20.65	17.91	17.99	17.89

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**	**25.70**	**25.70**	**23.40**	23.33	23.39	**25.50**	**25.50**	**25.50**	**22.90**	**22.90**	**22.90**
		1	49	25.67	25.66	25.68	**23.40**	23.36	**23.40**	25.47	25.47	25.47	22.89	22.89	22.87
		1	99	25.65	25.67	25.60	23.30	**23.40**	23.29	25.41	25.42	25.48	22.87	22.81	22.85
		50	0	25.00	25.00	24.97	22.37	22.32	22.38	24.60	24.65	24.55	21.91	21.91	21.88
		50	24	25.07	24.98	24.99	22.44	22.35	22.37	24.67	24.64	24.63	21.98	21.95	21.95
		50	49	25.03	25.00	25.01	22.37	22.44	22.37	24.61	24.60	24.61	21.93	21.93	21.93
		100	0	25.05	24.97	24.97	22.41	22.35	22.36	24.62	24.64	24.63	21.95	21.95	21.94
	16QAM	1	0	25.26	25.42	25.37	22.64	22.56	22.65	24.83	24.96	24.91	22.17	22.14	22.09
		1	49	25.37	25.53	**25.56**	22.78	**22.82**	22.78	24.93	**25.08**	25.06	**22.26**	22.24	**22.26**
		1	99	25.19	25.37	25.32	22.53	22.64	22.51	24.76	24.92	24.94	22.12	22.12	22.05
		50	0	24.02	24.01	23.98	21.41	21.33	21.40	23.60	23.65	23.59	20.93	20.92	20.89
		50	24	24.08	23.98	23.97	21.45	21.39	21.37	23.67	23.64	23.65	20.98	20.99	20.96
		50	49	24.06	24.04	24.02	21.39	21.47	21.40	23.63	23.64	23.61	20.94	20.94	20.95
		100	0	24.05	24.00	23.98	21.42	21.35	21.38	23.65	23.63	23.64	20.97	20.97	20.96
	64QAM	1	0	24.28	24.22	24.09	21.50	21.39	21.55	23.60	23.82	23.77	21.26	21.21	21.01
		1	49	24.31	**24.37**	24.16	21.50	**21.65**	21.59	23.68	23.87	**23.88**	21.21	21.22	**21.30**
		1	99	24.16	24.11	24.05	21.44	21.44	21.42	23.57	23.74	23.76	21.11	21.12	21.02
		50	0	23.01	23.03	22.98	20.36	20.31	20.36	22.61	22.67	22.59	19.93	19.92	19.89
		50	24	23.07	23.03	22.98	20.42	20.35	20.36	22.66	22.66	22.67	20.00	20.01	19.98
		50	49	23.02	23.04	23.03	20.34	20.43	20.38	22.62	22.62	22.61	19.97	19.96	19.93
		100	0	23.04	23.00	22.99	20.37	20.32	20.34	22.66	22.65	22.66	19.99	19.98	19.98
	256QAM	1	0	21.17	21.12	21.17	18.65	18.44	18.52	20.73	20.72	20.69	18.09	18.08	18.03
		1	49	21.12	21.12	21.14	18.56	18.52	18.55	20.71	20.78	20.80	18.11	**18.15**	18.12
		1	99	21.19	21.13	**21.23**	18.47	**18.66**	18.55	20.77	20.80	**20.84**	18.08	18.13	18.10
		50	0	21.00	21.00	20.98	18.37	18.29	18.37	20.58	20.66	20.56	17.91	17.90	17.89
		50	24	21.06	20.99	20.99	18.42	18.33	18.34	20.66	20.65	20.66	17.97	17.99	17.97
		50	49	21.03	21.06	21.05	18.38	18.44	18.39	20.61	20.63	20.65	17.97	17.97	17.96
		100	0	21.05	20.98	20.99	18.41	18.32	18.34	20.66	20.63	20.64	17.97	17.98	17.96

5G NR n25

Test Engineer ID:	28498	Test Date:	11/7/2022

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	25.46	25.39	25.39	23.10	23.10	23.19	24.98	23.31	24.88	22.48	22.14	22.14
		1	1	**25.70**	25.59	25.68	23.36	23.38	23.38	25.22	23.58	25.07	22.68	22.37	22.38
		1	23	25.67	25.57	**25.70**	23.28	23.34	**23.39**	**25.31**	23.44	25.22	**22.90**	22.10	22.70
		1	24	25.41	25.37	25.41	23.02	23.17	23.22	25.07	23.20	25.01	22.59	21.88	22.51
		12	6	25.51	25.46	25.55	23.24	23.31	23.28	25.25	23.30	25.15	22.64	22.12	22.52
		25	0	25.28	25.29	25.26	23.00	23.02	23.16	25.01	23.07	24.91	22.45	21.89	22.32
	QPSK	1	0	24.86	24.83	24.91	22.63	22.62	22.65	24.21	22.79	24.32	21.99	21.49	21.64
		1	1	25.57	**25.70**	25.59	**23.40**	23.28	23.36	25.20	23.44	25.09	22.68	22.19	22.40
		1	23	25.58	25.67	25.57	23.38	**23.40**	23.33	**25.36**	23.33	25.35	**22.76**	21.91	22.74
		1	24	24.85	24.79	24.85	22.61	22.63	22.65	24.68	22.63	24.60	22.09	21.26	22.01
		12	6	25.55	25.58	25.64	23.29	23.23	**23.40**	25.25	23.34	25.19	22.69	22.10	22.61
		25	0	24.85	24.85	24.87	22.94	22.57	22.68	24.53	22.61	24.56	22.01	21.40	21.78
	16QAM	1	0	23.95	23.84	24.07	21.65	21.79	21.86	23.33	21.77	23.34	20.51	20.74	20.72
		1	1	25.03	24.82	25.08	22.64	22.73	**22.98**	24.35	22.77	24.37	21.54	21.74	21.79
		1	23	25.00	24.94	**25.10**	22.60	22.85	**22.98**	**24.59**	22.59	24.54	21.62	21.58	**22.13**
		1	24	23.97	23.90	24.01	21.56	21.80	21.99	23.67	21.53	23.55	20.52	20.50	21.10
		12	6	24.89	24.86	24.86	22.80	22.52	22.60	24.56	22.62	24.49	22.00	21.43	21.76
		25	0	23.90	23.89	23.90	21.89	21.59	21.71	23.47	21.60	23.52	20.98	20.38	20.66
	64QAM	1	0	23.36	23.38	23.47	21.67	21.03	21.40	23.06	21.35	23.05	20.66	20.10	19.86
		1	1	23.37	23.38	23.47	**21.75**	21.04	21.44	23.09	21.34	23.06	20.70	20.11	19.94
		1	23	23.24	23.43	23.50	21.69	20.99	21.39	**23.29**	21.26	**23.29**	**20.73**	19.92	20.27
		1	24	23.25	23.41	**23.51**	21.61	21.02	21.31	23.26	21.25	23.28	**20.73**	19.84	20.29
		12	6	23.39	23.29	23.32	21.33	21.04	21.18	23.05	21.13	22.99	20.39	19.88	20.16
		25	0	23.36	23.34	23.41	21.36	21.04	21.24	23.14	21.20	23.04	20.47	19.95	20.29
	256QAM	1	0	21.16	21.28	21.29	**19.73**	19.24	19.55	21.36	19.48	20.94	18.46	18.30	18.33
		1	1	21.22	21.26	21.32	19.67	19.18	19.52	21.36	19.48	20.94	18.42	18.32	18.38
		1	23	21.19	21.36	21.28	19.71	19.21	19.57	**21.52**	19.34	21.14	18.51	18.09	18.76
		1	24	21.18	21.30	21.30	19.68	19.18	19.46	21.48	19.33	21.16	18.55	18.06	**18.80**
		12	6	21.44	21.42	21.36	19.41	18.97	19.24	21.21	19.23	21.08	18.50	17.97	18.28
		25	0	21.38	**21.51**	21.40	19.45	19.06	19.17	21.09	19.17	20.99	18.38	17.84	18.24

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	25.49	25.41	25.54	23.13	23.13	23.19	24.99	23.34	24.46	22.72	22.58	22.37
		1	1	**25.70**	25.64	25.63	**23.40**	23.38	23.37	25.15	23.54	24.64	**22.90**	22.74	22.56
		1	50	25.63	25.63	25.67	23.30	23.36	23.32	25.21	23.27	**25.28**	22.75	22.56	**22.90**
		1	51	25.35	25.46	25.44	23.10	23.10	23.19	24.98	23.08	25.06	22.53	22.27	22.71
		25	12	25.57	25.54	25.58	23.34	23.19	23.35	**25.28**	23.34	24.93	22.82	22.61	22.70
		50	0	25.41	25.40	25.47	23.16	23.17	23.19	25.17	23.19	24.78	22.67	22.48	22.51
	QPSK	1	0	24.88	24.85	25.01	22.68	22.62	22.71	24.40	22.89	23.84	22.13	22.02	21.79
		1	1	25.64	25.63	**25.70**	23.37	23.37	**23.40**	25.15	23.54	24.55	22.82	22.78	22.56
		1	50	25.61	**25.70**	25.69	23.36	23.29	23.34	25.08	23.27	25.18	22.74	22.21	22.42
		1	51	24.84	24.89	24.97	22.65	22.62	22.72	24.32	22.56	24.48	22.02	21.21	21.38
		25	12	25.59	25.60	25.68	23.35	**23.40**	23.36	**25.34**	23.35	25.00	**22.83**	22.68	22.69
		50	0	24.91	24.89	24.98	22.67	22.66	22.68	24.54	22.68	24.30	22.15	22.00	22.00
	16QAM	1	0	24.07	23.86	23.90	21.71	21.51	21.70	23.25	21.58	23.21	20.96	21.31	21.05
		1	1	**25.05**	24.92	24.93	**22.76**	22.48	22.72	24.32	22.61	24.19	22.07	22.30	22.00
		1	50	24.99	24.98	24.90	22.64	22.37	22.65	24.23	22.31	**24.81**	21.89	21.62	**22.32**
		1	51	24.00	23.94	23.94	21.62	21.34	21.72	23.15	21.26	23.85	20.93	20.64	21.32
		25	12	24.90	24.89	24.96	22.64	22.58	22.65	24.53	22.67	24.30	22.18	21.95	22.00
		50	0	23.91	23.89	24.01	21.61	21.55	21.58	23.51	21.77	23.31	21.21	20.99	21.07
	64QAM	1	0	23.33	23.26	23.23	21.18	**21.34**	21.32	23.05	21.33	22.52	20.88	20.75	20.60
		1	1	23.34	23.30	23.26	21.17	21.28	21.25	23.09	21.34	22.49	20.96	20.76	20.62
		1	50	23.24	23.35	23.20	20.99	21.23	21.28	22.98	21.06	23.12	20.86	20.42	**20.97**
		1	51	23.22	23.28	23.18	21.04	21.23	21.25	22.99	21.05	23.12	20.82	20.41	20.96
		25	12	23.43	23.38	**23.56**	21.23	21.10	21.12	**23.14**	21.24	22.93	20.74	20.44	20.57
		50	0	23.45	23.41	**23.56**	21.13	21.06	21.15	23.06	21.22	22.89	20.72	20.46	20.59
	256QAM	1	0	21.32	21.38	21.45	19.33	19.20	19.39	21.13	19.59	20.43	18.87	18.71	18.32
		1	1	21.30	21.37	21.42	**19.53**	19.35	**19.53**	**21.16**	19.61	20.51	**18.92**	18.69	18.36
		1	50	21.27	21.41	21.40	19.40	19.16	19.31	21.15	19.26	21.07	18.78	18.56	18.67
		1	51	21.21	21.41	21.37	19.42	19.15	19.25	21.10	19.25	21.09	18.75	18.49	18.65
		25	12	21.43	21.45	**21.51**	19.18	18.99	19.11	21.11	19.08	20.84	18.69	18.52	18.51
		50	0	21.40	21.41	21.48	19.18	19.07	19.01	21.10	19.21	20.86	18.70	18.52	18.50

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	25.47	25.50	25.57	23.16	23.12	23.20	25.15	23.78	23.99	22.62	22.70	22.25
		1	1	**25.70**	25.68	**25.70**	**23.40**	23.23	23.34	**25.39**	23.89	24.26	22.83	22.89	22.42
		1	77	25.60	25.60	25.63	23.36	23.37	**23.40**	24.95	23.57	25.34	22.56	22.62	**22.90**
		1	78	25.41	25.43	25.49	23.11	23.19	23.22	24.68	23.37	25.14	22.35	22.37	22.67
		36	18	25.49	25.52	25.59	23.20	23.15	23.18	25.27	23.33	24.74	22.63	22.68	22.46
		75	0	25.34	25.35	25.46	23.06	23.04	23.08	25.02	23.23	24.62	22.46	22.53	22.31
	QPSK	1	0	25.01	24.94	24.95	22.72	22.76	22.76	24.59	23.32	23.55	22.20	22.31	21.65
		1	1	25.69	**25.70**	25.66	**23.40**	23.34	23.38	25.32	23.85	24.25	**22.90**	**22.90**	22.34
		1	77	25.59	25.60	25.61	23.35	**23.40**	23.37	24.92	23.30	**25.37**	22.65	22.65	22.76
		1	78	24.90	24.90	24.90	22.62	22.68	22.69	24.23	22.34	24.67	21.92	21.88	22.08
		36	18	25.57	25.57	25.68	23.28	23.20	23.30	25.28	23.48	24.80	22.67	22.72	22.54
		75	0	24.91	24.91	24.97	22.62	22.55	22.58	24.62	22.70	24.18	22.01	22.07	21.83
	16QAM	1	0	24.17	24.29	23.98	21.53	21.67	21.58	23.89	22.32	22.41	21.54	21.27	20.48
		1	1	25.16	**25.26**	25.00	22.60	**22.71**	22.58	**24.82**	23.23	23.41	**22.55**	22.21	21.52
		1	77	25.05	25.19	25.07	22.50	**22.71**	22.57	24.47	22.38	24.52	22.29	21.79	22.02
		1	78	24.06	24.19	23.97	21.49	21.73	21.53	23.46	21.41	23.52	21.25	20.81	21.01
		36	18	24.91	24.91	24.94	22.70	22.54	22.63	24.73	22.70	24.10	21.96	22.05	21.83
		75	0	23.95	23.88	23.97	21.59	21.54	21.55	23.60	21.81	23.16	21.04	21.02	20.85
	64QAM	1	0	23.32	23.30	23.56	21.02	21.30	21.23	23.19	21.85	21.97	20.81	**20.91**	20.24
		1	1	23.29	23.31	23.55	21.15	**21.35**	20.96	**23.20**	21.70	22.01	20.85	20.90	20.20
		1	77	23.23	23.34	23.57	20.95	21.33	21.08	22.80	21.00	23.11	20.60	20.53	20.68
		1	78	23.21	23.34	**23.60**	20.99	21.28	21.14	22.79	20.97	23.13	20.56	20.55	20.68
		36	18	23.35	23.31	23.42	21.10	20.98	21.02	23.16	21.20	22.58	20.52	20.60	20.35
		75	0	23.41	23.34	23.49	21.04	21.04	21.07	23.13	21.37	22.60	20.50	20.55	20.32
	256QAM	1	0	21.43	21.44	**21.64**	19.42	19.15	19.40	21.24	19.85	20.35	18.73	18.74	18.42
		1	1	21.43	21.45	21.58	19.43	19.12	19.27	21.23	19.73	20.31	18.70	18.71	18.34
		1	77	21.31	21.43	21.60	**19.49**	19.14	19.36	20.89	19.36	**21.52**	18.48	18.49	**18.82**
		1	78	21.30	21.40	21.59	19.38	19.12	19.37	20.84	19.36	21.48	18.45	18.49	18.81
		36	18	21.39	21.31	21.47	19.02	19.06	19.11	21.27	19.19	20.51	18.52	18.58	18.43
		75	0	21.37	21.27	21.40	19.07	19.11	19.15	21.13	19.33	20.68	18.45	18.53	18.43

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	25.47	25.44	25.47	23.01	23.17	23.06	25.12	23.88	23.60	22.60	22.57	22.21
		1	1	25.65	25.63	25.65	23.27	23.27	23.32	**25.37**	24.01	23.79	22.80	22.76	22.40
		1	104	25.60	**25.70**	25.58	**23.40**	**23.40**	23.25	24.51	23.62	**25.37**	22.50	22.47	**22.82**
		1	105	25.40	25.52	25.38	23.11	23.18	23.07	24.21	23.37	25.15	22.30	22.30	22.62
		50	25	25.61	25.63	25.62	23.24	23.23	23.28	25.20	23.40	24.52	22.75	22.61	22.52
		100	0	25.44	25.45	25.43	23.10	23.08	23.08	24.93	23.35	24.40	22.58	22.42	22.35
	QPSK	1	0	24.99	24.99	25.00	22.61	22.61	22.52	24.43	23.26	22.25	22.18	22.14	21.75
		1	1	**25.70**	25.66	**25.70**	23.34	23.27	**23.40**	25.33	23.95	23.38	**22.90**	**22.90**	22.46
		1	104	25.65	25.66	25.59	23.25	23.33	23.31	24.46	22.76	**25.38**	22.44	22.55	**22.90**
		1	105	24.89	24.92	24.90	22.60	22.60	22.62	23.73	21.78	24.45	21.42	21.75	22.07
		50	25	25.62	25.68	25.68	23.27	23.25	23.36	25.24	23.46	24.62	22.79	22.61	22.56
		100	0	24.92	24.98	24.96	22.58	22.53	22.70	24.40	22.87	23.18	22.05	21.84	21.82
	16QAM	1	0	23.96	23.85	24.31	21.80	21.56	21.62	23.53	22.58	20.66	21.21	20.87	20.93
		1	1	24.98	24.85	**25.30**	**22.87**	22.65	22.80	24.55	23.41	21.80	**22.29**	21.94	21.92
		1	104	24.92	24.83	25.21	22.81	22.71	22.74	23.66	22.10	23.86	21.90	21.68	21.86
		1	105	23.89	23.79	24.22	21.53	21.64	21.67	22.66	21.15	22.76	20.92	20.65	20.85
		50	25	24.95	24.95	24.88	22.49	22.56	22.69	**24.58**	22.82	23.89	22.14	21.93	21.84
		100	0	23.91	23.98	23.94	21.50	21.63	21.65	23.47	21.93	22.92	21.06	20.97	20.86
	64QAM	1	0	23.32	23.61	23.27	21.10	20.74	21.22	23.24	21.76	21.70	20.71	20.76	20.37
		1	1	23.34	23.64	23.29	21.06	20.73	21.11	**23.25**	21.68	21.71	20.73	20.64	20.42
		1	104	23.29	**23.67**	23.30	21.21	20.79	**21.23**	22.40	20.69	23.22	20.39	20.44	**20.96**
		1	105	23.26	**23.67**	23.33	21.12	20.71	21.21	22.38	20.70	23.23	20.37	20.40	**20.96**
		50	25	23.44	23.48	23.44	20.97	21.12	21.14	23.11	21.33	22.36	20.60	20.39	20.32
		100	0	23.41	23.45	23.43	20.96	21.04	21.15	22.98	21.45	22.41	20.57	20.38	20.34
	256QAM	1	0	21.40	21.51	21.50	**19.33**	19.00	**19.33**	21.22	20.15	19.68	18.74	18.70	18.44
		1	1	21.36	21.51	21.49	19.25	18.93	19.28	21.20	20.04	19.68	18.75	18.65	18.30
		1	104	21.31	21.54	21.50	19.25	19.09	19.13	20.20	19.57	**21.31**	18.41	18.31	**18.84**
		1	105	21.31	**21.55**	21.51	19.24	19.00	19.27	20.17	19.53	21.29	18.40	18.34	18.83
		50	25	21.36	21.41	21.32	18.96	19.06	19.27	21.11	19.36	20.43	18.48	18.34	18.36
		100	0	21.33	21.40	21.31	19.06	19.03	19.13	21.01	19.45	20.39	18.51	18.39	18.33

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	25.48	25.42	25.51	23.19	23.16	23.10	25.14	24.25	23.32	22.65	22.65	22.15
		1	1	**25.70**	25.66	**25.70**	23.39	23.32	23.38	25.30	24.33	23.53	**22.85**	22.75	22.35
		1	132	25.63	25.66	25.64	**23.40**	**23.40**	23.30	23.94	23.76	**25.40**	22.44	22.40	22.76
		1	131	25.45	25.44	25.45	23.20	23.18	23.06	23.69	23.62	25.17	22.21	22.26	22.58
		64	32	25.64	25.55	25.63	23.28	23.25	23.33	25.18	23.52	24.40	22.65	22.59	22.41
		128	0	25.41	25.32	25.45	23.13	23.05	23.13	24.82	23.47	24.27	22.40	22.38	22.26
	QPSK	1	0	24.98	24.92	25.02	22.61	22.57	22.75	23.79	23.62	22.62	22.16	22.10	21.51
		1	1	25.69	**25.70**	25.64	23.38	23.26	**23.40**	24.82	24.34	23.52	**22.90**	**22.90**	22.45
		1	132	25.62	25.60	25.61	23.35	23.33	23.30	23.92	22.81	**25.40**	22.46	22.51	**22.90**
		1	131	24.92	24.88	24.91	22.69	22.66	22.71	23.21	21.78	24.71	21.70	21.82	21.92
		64	32	25.67	25.60	25.66	23.30	23.26	23.37	25.08	23.47	24.36	22.68	22.58	22.42
		128	0	24.91	24.83	24.94	22.60	22.57	22.65	24.25	22.93	23.75	21.91	21.86	21.75
	16QAM	1	0	24.20	23.74	24.08	21.84	21.57	21.65	23.53	22.77	21.27	20.85	21.08	20.36
		1	1	**25.23**	24.71	24.95	22.76	22.60	22.60	24.54	23.63	22.23	21.83	21.98	21.40
		1	132	25.12	24.60	24.96	**22.77**	22.64	22.51	23.19	23.10	**24.64**	21.49	21.70	21.91
		1	131	24.13	23.69	23.99	21.74	21.53	21.57	22.23	22.03	23.63	20.54	20.68	20.90
		64	32	24.94	24.93	24.98	22.42	22.51	22.62	24.47	22.73	23.70	**22.03**	21.93	21.71
		128	0	23.92	23.89	23.99	21.40	21.52	21.63	23.31	21.91	22.75	20.95	20.90	20.75
	64QAM	1	0	23.51	23.14	**23.58**	21.19	21.11	21.35	**23.23**	22.21	20.83	20.60	**20.96**	20.25
		1	1	23.50	23.13	23.45	21.18	21.01	21.28	**23.23**	22.12	20.86	20.63	20.84	20.30
		1	132	23.40	23.04	23.46	21.11	21.07	**21.38**	21.79	21.54	23.21	20.32	20.60	20.74
		1	131	23.36	23.08	23.44	21.23	21.00	21.26	21.77	21.50	23.21	20.29	20.63	20.72
		64	32	23.46	23.35	23.44	20.88	20.98	21.12	22.94	21.34	22.17	20.42	20.36	20.21
		128	0	23.47	23.37	23.43	20.95	20.99	21.15	22.82	21.48	22.20	20.43	20.39	20.26
	256QAM	1	0	21.49	21.35	21.50	19.04	19.53	**19.61**	21.17	20.50	19.56	18.49	**18.78**	18.30
		1	1	**21.50**	21.36	21.47	19.17	19.37	19.58	21.14	20.38	19.59	18.53	18.64	18.30
		1	132	21.34	21.32	21.43	19.05	19.49	19.47	19.68	19.73	**21.48**	18.16	18.35	18.75
		1	131	21.33	21.31	21.42	19.08	19.43	19.48	19.62	19.78	21.45	18.09	18.31	18.77
		64	32	21.36	21.32	21.40	18.82	19.06	19.07	20.89	19.32	20.16	18.36	18.35	18.16
		128	0	21.38	21.28	21.36	18.98	19.09	19.10	20.77	19.48	20.26	18.39	18.33	18.21

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	25.45	25.40	25.57	23.07	23.02	23.12	25.23	24.59	23.35	22.79	22.75	22.26
		1	1	25.61	25.49	25.67	23.38	23.10	23.29	**25.50**	24.65	23.26	**22.90**	22.84	22.41
		1	158	**25.69**	25.61	25.68	23.31	23.33	**23.40**	23.68	24.05	25.36	22.59	22.49	22.82
		1	159	25.48	25.44	25.47	23.15	23.09	23.20	23.46	23.83	25.17	22.38	22.27	22.62
		80	40	25.54	25.55	25.62	23.24	23.15	23.37	24.94	23.56	22.33	22.70	22.67	22.42
		160	0	25.35	25.35	25.46	23.07	22.99	23.21	24.61	23.63	24.06	22.57	22.43	22.30
	QPSK	1	0	24.96	24.93	24.97	22.57	22.54	22.66	24.55	23.90	22.55	22.19	22.29	21.37
		1	1	25.64	25.57	25.67	**23.40**	23.23	23.22	**25.36**	24.61	23.19	**22.90**	**22.90**	22.29
		1	158	**25.70**	**25.70**	25.62	23.39	**23.40**	23.28	23.56	23.97	25.31	22.50	22.51	**22.90**
		1	159	24.98	24.95	24.91	22.66	22.58	22.64	22.90	23.30	24.61	21.83	21.85	22.17
		80	40	25.59	25.56	**25.70**	23.26	23.17	23.37	24.94	23.60	24.14	22.68	22.64	22.41
		160	0	24.87	24.83	24.93	22.56	22.48	22.67	24.14	23.09	23.60	21.99	21.76	21.79
	16QAM	1	0	23.58	24.04	24.35	21.62	21.56	21.76	23.93	23.05	21.15	21.32	20.99	19.94
		1	1	24.64	24.94	**25.32**	22.64	22.40	22.64	**24.91**	24.07	22.07	**22.28**	21.97	20.94
		1	158	24.63	25.05	25.30	22.72	22.48	**22.73**	23.22	23.40	24.19	21.96	22.01	21.83
		1	159	23.63	24.04	24.26	21.69	21.55	21.76	22.18	22.38	23.21	20.99	20.86	20.82
		80	40	24.86	24.87	24.90	22.55	22.46	22.65	24.26	22.85	23.52	21.99	21.93	21.70
		160	0	23.84	23.85	23.96	21.54	21.54	21.67	23.15	22.17	22.58	21.10	20.95	20.82
	64QAM	1	0	23.45	23.28	23.48	21.18	21.19	21.22	**23.32**	22.43	21.26	20.95	**20.96**	20.07
		1	1	23.47	23.14	23.42	21.18	21.09	21.16	23.30	22.41	21.13	20.89	20.88	20.07
		1	158	**23.54**	23.25	23.41	21.20	**21.33**	21.06	21.52	21.77	23.25	20.49	20.53	20.86
		1	159	23.52	23.23	23.37	21.24	21.17	21.21	21.48	21.79	23.25	20.50	20.53	20.86
		80	40	23.38	23.37	23.48	20.94	20.94	21.08	22.70	21.38	22.05	20.48	20.39	20.19
		160	0	23.35	23.35	23.46	21.12	20.99	21.15	22.69	21.63	22.19	20.55	20.44	20.30
	256QAM	1	0	21.05	21.30	**21.55**	19.41	19.27	**19.46**	**21.54**	20.58	19.55	18.82	**19.01**	18.32
		1	1	21.06	21.20	21.45	19.19	19.20	19.29	21.46	20.50	19.53	18.76	18.93	18.19
		1	158	21.05	21.23	21.41	19.14	19.23	19.20	19.72	19.84	21.51	18.34	18.53	18.72
		1	159	21.05	21.22	21.42	19.21	19.26	19.26	19.70	19.86	21.51	18.33	18.54	18.71
		80	40	21.31	21.30	21.45	19.03	18.93	18.94	20.77	19.42	20.06	18.55	18.41	18.17
		160	0	21.33	21.25	21.47	19.07	18.96	19.01	20.68	19.67	20.14	18.53	18.40	18.27

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	25.57	25.31	25.40	22.82	22.88	22.88	25.16	25.06	25.13	22.41	22.40	22.39
		1	1	**25.68**	25.61	25.50	23.33	23.37	**23.40**	25.40	**25.50**	**25.50**	**22.90**	22.83	22.86
		1	186	25.67	25.64	25.65	23.31	23.21	23.19	25.36	25.35	25.44	22.77	22.75	22.83
		1	187	25.51	25.53	25.43	22.84	22.67	22.71	25.04	25.06	24.99	22.27	22.25	22.38
		90	45	25.58	25.45	25.55	23.29	23.35	23.22	25.45	25.36	25.44	22.67	22.72	22.74
		180	0	25.46	25.37	25.39	22.96	22.89	22.78	25.11	25.02	25.18	22.20	22.30	22.29
	QPSK	1	0	25.02	24.92	24.93	22.39	22.38	22.38	24.69	24.60	22.30	21.72	21.74	21.79
		1	1	25.66	25.62	25.61	23.35	**23.40**	23.39	25.48	25.41	23.50	22.76	22.79	**22.90**
		1	186	**25.70**	**25.70**	**25.70**	**23.40**	23.30	23.24	25.35	25.31	22.63	22.62	**22.90**	22.58
		1	187	25.03	24.90	24.95	22.34	22.20	22.20	24.35	24.25	21.54	21.57	21.74	21.52
		90	45	25.62	25.53	25.59	23.33	23.24	23.26	**25.50**	25.42	25.40	22.56	22.78	22.78
		180	0	24.96	24.82	24.95	22.33	22.29	22.40	24.62	24.55	24.59	21.70	21.80	21.87
	16QAM	1	0	24.21	23.92	23.71	21.45	21.35	21.44	23.70	23.72	23.63	20.69	20.63	20.79
		1	1	25.00	24.93	24.65	22.39	22.31	**22.48**	24.68	**24.69**	24.49	21.53	21.52	21.67
		1	186	**25.19**	25.13	24.55	22.33	22.16	22.33	24.46	24.65	24.43	21.52	21.68	21.72
		1	187	24.18	24.10	23.60	21.22	21.12	21.24	23.70	23.55	23.40	20.86	20.44	20.61
		90	45	24.96	24.81	24.75	22.29	22.36	22.39	24.59	24.51	24.63	**22.06**	21.75	21.80
		180	0	23.94	23.79	23.74	21.35	21.29	21.32	23.62	23.53	23.58	21.08	20.74	20.87
	64QAM	1	0	23.71	23.34	23.04	20.70	20.76	21.00	23.30	23.06	23.32	20.60	20.05	20.52
		1	1	23.60	23.61	22.91	20.81	20.85	**21.02**	**23.45**	22.75	23.10	**20.62**	19.92	19.99
		1	186	23.77	**23.85**	22.92	20.72	20.75	20.73	22.85	23.05	23.02	20.48	20.08	20.18
		1	187	23.66	23.66	22.82	20.72	20.71	20.60	22.99	23.00	23.09	20.47	19.97	19.88
		90	45	23.37	23.32	23.20	20.86	20.79	20.81	23.10	22.94	23.08	20.51	20.23	20.35
		180	0	23.43	23.41	23.25	20.90	20.75	20.82	23.12	22.95	23.13	20.56	20.25	20.36
	256QAM	1	0	21.69	21.67	21.35	19.51	19.40	19.50	21.51	21.59	21.70	**18.72**	18.44	18.14
		1	1	21.75	21.56	21.31	**19.59**	19.30	19.42	21.69	21.17	**21.78**	18.59	18.29	18.02
		1	186	21.71	21.75	21.25	19.55	19.39	19.24	21.50	21.29	21.71	18.48	18.43	18.13
		1	187	21.68	**21.89**	21.36	19.45	19.41	19.20	21.78	21.36	21.43	18.64	18.50	18.14
		90	45	21.40	21.40	21.23	18.87	18.77	18.78	21.11	20.94	21.08	18.54	18.18	18.39
		180	0	21.48	21.46	21.26	18.91	18.78	18.80	21.09	20.97	21.10	18.57	18.28	18.37

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	25.37	25.50	25.53	23.16	23.15	23.18	25.11	24.92	23.72	22.78	22.79	22.60
		1	1	25.56	25.62	25.59	23.36	23.20	23.31	25.26	25.01	23.76	22.88	22.83	22.69
		1	214	25.58	**25.70**	**25.70**	**23.40**	23.35	**23.40**	23.33	24.38	**25.42**	22.33	22.54	**22.90**
		1	215	25.38	25.52	25.49	23.18	23.17	23.24	23.13	24.19	25.24	22.12	22.35	22.70
		108	54	25.50	25.62	25.59	23.16	23.28	23.38	24.33	23.49	23.87	22.68	22.57	22.37
		216	0	25.29	25.40	25.42	22.99	23.14	23.18	24.25	23.71	21.83	22.47	22.42	20.92
	QPSK	1	0	24.94	25.05	24.95	22.52	22.78	22.78	24.46	24.30	20.88	21.83	21.98	19.75
		1	1	25.68	25.63	25.53	23.24	23.30	23.31	**25.33**	24.89	21.98	**22.90**	**22.90**	20.89
		1	214	**25.70**	25.63	25.66	23.25	**23.40**	**23.40**	22.70	24.28	22.85	21.19	22.55	20.76
		1	215	24.98	24.92	24.98	22.59	22.75	22.45	21.72	23.58	21.67	20.17	21.52	19.64
		108	54	25.55	**25.70**	25.66	23.22	23.33	23.34	24.36	23.52	23.86	22.72	22.36	22.44
		216	0	24.81	24.84	24.93	22.60	22.63	22.64	23.76	23.22	23.35	21.99	21.69	21.82
	16QAM	1	0	23.55	24.06	23.62	21.90	21.57	21.74	23.58	23.50	21.98	21.29	21.34	21.24
		1	1	24.55	24.95	24.50	22.98	22.33	22.51	**24.56**	24.37	22.86	**22.21**	22.14	22.11
		1	214	24.53	**24.98**	24.53	**23.01**	22.58	22.66	21.84	23.84	24.55	21.15	21.85	22.15
		1	215	23.50	23.94	23.50	22.08	21.56	21.42	20.86	22.88	23.55	20.17	20.85	21.14
		108	54	24.88	24.97	24.96	22.60	22.46	22.70	23.68	22.82	23.09	22.01	21.91	21.73
		216	0	23.83	23.90	23.92	21.60	21.53	21.71	22.72	22.21	22.37	20.96	20.95	20.87
	64QAM	1	0	23.49	23.38	23.32	21.15	21.00	**21.35**	**23.40**	23.07	21.62	20.68	**21.04**	20.57
		1	1	23.43	23.29	23.24	21.17	20.79	21.23	23.34	22.99	21.54	20.54	20.85	20.44
		1	214	23.46	23.38	23.19	21.12	20.82	21.07	20.79	22.41	23.17	19.79	20.62	20.71
		1	215	23.45	23.36	23.18	21.17	21.17	21.21	20.77	22.41	23.15	19.80	20.58	20.66
		108	54	23.41	23.41	**23.49**	21.03	20.93	21.09	22.14	21.24	21.59	20.48	20.42	20.26
		216	0	23.42	23.37	23.44	21.09	21.01	21.19	22.21	21.68	21.86	20.46	20.39	20.41
	256QAM	1	0	21.53	21.47	21.51	19.30	19.24	19.26	21.41	21.29	20.08	**19.22**	18.93	18.72
		1	1	21.38	21.39	21.41	19.09	19.14	19.07	21.28	21.17	19.93	19.07	18.74	18.58
		1	214	21.46	**21.54**	21.36	19.23	19.30	19.36	19.34	20.63	21.61	18.60	18.48	18.95
		1	215	21.44	**21.54**	21.38	19.30	**19.47**	19.28	19.31	20.66	**21.63**	18.58	18.50	18.97
		108	54	21.37	21.39	21.46	19.04	18.98	19.05	20.19	19.26	19.69	18.48	18.36	18.26
		216	0	21.37	21.36	21.43	19.07	18.98	19.05	20.22	19.71	19.92	18.45	18.41	18.37

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

LTE BAND 26

Test Engineer ID:	39004	Test Date:	11/17/2022

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	25.60	25.59	25.58	24.59	24.67	24.67	25.26	25.35	25.38
		1	2	**25.70**	25.68	25.69	**24.70**	**24.70**	**24.70**	**25.40**	25.38	**25.40**
		1	5	25.68	**25.70**	**25.70**	24.69	24.69	24.66	**25.40**	25.36	25.37
		3	0	25.67	25.68	25.68	24.65	24.69	24.65	25.38	25.37	25.38
		3	1	25.68	25.69	25.69	24.66	24.69	24.67	25.39	**25.40**	25.39
		3	2	25.68	**25.70**	25.66	24.65	**24.70**	24.67	**25.40**	25.39	25.38
		6	0	24.97	24.98	24.96	23.66	23.66	23.63	24.67	24.66	24.66
	16QAM	1	0	25.23	25.17	25.17	23.88	24.03	23.98	24.80	24.84	24.96
		1	2	**25.31**	**25.31**	25.29	24.01	**24.04**	24.00	24.84	24.90	**25.01**
		1	5	25.27	25.26	25.26	23.99	24.00	23.97	24.87	24.90	24.92
		3	0	25.14	25.14	25.12	23.82	23.82	23.83	24.85	24.79	24.83
		3	1	25.12	25.15	25.12	23.81	23.84	23.86	24.81	24.80	24.84
		3	2	25.17	25.18	25.11	23.83	23.83	23.82	24.83	24.81	24.84
		6	0	24.05	24.06	24.04	22.75	22.70	22.73	23.74	23.73	23.74
	64QAM	1	0	24.12	24.11	23.95	22.72	22.90	22.88	23.74	23.93	23.89
		1	2	24.15	24.16	24.09	22.82	22.93	22.86	23.86	**23.98**	23.93
		1	5	**24.24**	24.20	23.99	22.85	**22.96**	22.86	23.83	23.97	23.88
		3	0	24.19	24.07	24.10	22.79	22.75	22.74	23.74	23.81	23.71
		3	1	24.21	24.06	24.11	22.81	22.75	22.78	23.74	23.80	23.69
		3	2	24.19	24.04	24.11	22.81	22.77	22.78	23.76	23.79	23.70
		6	0	22.94	22.98	23.02	21.71	21.69	21.67	22.68	22.76	22.70
	256QAM	1	0	21.07	20.89	20.94	19.72	19.76	19.73	20.66	20.79	**20.82**
		1	2	**21.17**	21.06	21.10	19.75	19.78	19.77	20.81	20.81	20.81
		1	5	21.14	20.97	21.03	19.78	19.75	19.73	20.74	20.76	20.77
		3	0	21.06	20.92	20.93	19.73	19.75	**19.79**	20.68	20.77	20.70
		3	1	21.06	20.94	20.95	19.74	19.73	19.76	20.68	20.77	20.71
		3	2	21.05	20.94	20.95	19.73	19.75	19.78	20.70	20.77	20.69
		6	0	20.93	20.97	20.94	19.64	19.60	19.65	20.53	20.69	20.64

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	25.61	25.60	25.62	24.57	24.60	24.59	25.29	25.29	25.30
		1	7	**25.70**	**25.70**	**25.70**	**24.70**	**24.70**	**24.70**	**25.40**	**25.40**	**25.40**
		1	14	25.59	25.63	25.65	24.60	24.62	24.61	25.30	25.27	25.27
		8	0	24.99	24.94	24.94	23.67	23.65	23.67	24.69	24.69	24.59
		8	4	25.02	25.04	25.05	23.69	23.66	23.69	24.72	24.71	24.71
		8	7	25.03	25.04	25.05	23.67	23.68	23.71	24.70	24.71	24.68
		15	0	24.98	25.00	25.01	23.66	23.61	23.66	24.69	24.67	24.67
	16QAM	1	0	25.21	25.32	25.34	23.90	23.86	23.89	24.88	24.94	24.88
		1	7	25.28	**25.43**	**25.43**	24.02	23.96	**24.03**	25.03	**25.11**	25.00
		1	14	25.21	25.31	25.31	23.92	23.86	23.93	24.93	24.98	24.92
		8	0	24.04	23.98	24.00	22.71	22.72	22.72	23.72	23.73	23.64
		8	4	24.06	24.12	24.09	22.76	22.73	22.75	23.78	23.77	23.72
		8	7	24.05	24.11	24.09	22.75	22.73	22.76	23.77	23.77	23.75
		15	0	24.05	24.03	24.04	22.69	22.67	22.70	23.73	23.72	23.66
	64QAM	1	0	24.10	24.07	23.95	22.86	22.70	22.79	23.86	23.88	23.89
		1	7	**24.34**	24.21	24.21	**22.91**	22.80	22.81	23.86	23.88	**23.95**
		1	14	24.17	24.16	24.12	22.87	22.64	22.80	23.76	23.79	23.91
		8	0	23.02	22.97	22.97	21.74	21.73	21.68	22.69	22.69	22.62
		8	4	23.08	23.06	23.07	21.79	21.74	21.72	22.73	22.73	22.73
		8	7	23.05	23.07	23.06	21.76	21.73	21.71	22.74	22.72	22.75
		15	0	23.01	23.02	23.01	21.68	21.67	21.69	22.70	22.67	22.68
	256QAM	1	0	21.00	20.93	20.87	19.65	19.64	19.59	20.70	20.70	20.65
		1	7	**21.16**	21.09	21.09	**19.84**	19.84	19.79	**20.86**	20.85	20.79
		1	14	21.06	21.00	20.93	19.78	19.73	19.73	20.75	20.78	20.71
		8	0	20.99	20.96	20.97	19.70	19.69	19.69	20.69	20.68	20.62
		8	4	21.04	21.07	21.09	19.72	19.72	19.70	20.72	20.72	20.71
		8	7	21.03	21.09	21.07	19.74	19.72	19.72	20.70	20.70	20.68
		15	0	20.99	21.01	21.00	19.67	19.66	19.66	20.67	20.66	20.67

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	25.55	25.59	25.59	24.52	24.60	24.57	25.27	25.31	25.30
		1	12	**25.70**	**25.70**	**25.70**	**24.70**	**24.70**	**24.70**	**25.40**	**25.40**	**25.40**
		1	24	25.56	25.61	25.61	24.56	24.61	24.59	25.28	25.26	25.28
		12	0	24.85	24.84	24.84	23.53	23.55	23.52	24.57	24.56	24.55
		12	6	24.96	24.97	24.94	23.64	23.67	23.61	24.65	24.61	24.64
		12	11	24.92	24.92	24.94	23.60	23.63	23.61	24.63	24.63	24.62
		25	0	24.92	24.93	24.93	23.61	23.65	23.62	24.65	24.63	24.63
	16QAM	1	0	25.23	25.23	25.22	23.90	23.97	23.93	24.93	24.92	24.95
		1	12	25.35	25.39	**25.40**	24.03	24.05	**24.06**	25.04	25.09	**25.13**
		1	24	25.27	25.25	25.18	23.98	24.03	23.95	24.98	24.91	24.94
		12	0	23.92	23.76	23.85	22.55	22.56	22.52	23.64	23.62	23.64
		12	6	24.03	23.87	23.93	22.66	22.69	22.65	23.74	23.72	23.74
		12	11	23.98	23.84	23.91	22.66	22.66	22.58	23.69	23.68	23.69
		25	0	23.94	23.89	23.92	22.63	22.63	22.67	23.67	23.61	23.65
	64QAM	1	0	24.09	24.15	24.00	22.66	22.81	22.70	23.62	23.73	23.74
		1	12	24.15	**24.21**	24.09	22.72	**22.86**	22.74	23.73	23.76	**23.80**
		1	24	24.10	24.13	24.03	22.66	22.83	22.68	23.61	23.68	23.69
		12	0	22.85	22.90	22.87	21.54	21.58	21.55	22.59	22.58	22.60
		12	6	22.99	22.97	23.00	21.65	21.70	21.66	22.67	22.69	22.69
		12	11	22.95	22.97	22.96	21.62	21.68	21.63	22.65	22.66	22.67
		25	0	22.93	22.98	22.95	21.60	21.65	21.62	22.68	22.62	22.67
	256QAM	1	0	21.00	21.00	21.04	19.59	19.57	19.65	20.64	20.70	20.62
		1	12	21.13	**21.18**	21.17	19.69	19.75	**19.81**	20.76	**20.84**	20.77
		1	24	21.07	21.09	21.09	19.68	19.66	19.72	20.70	20.73	20.66
		12	0	20.84	20.88	20.87	19.50	19.58	19.51	20.57	20.55	20.57
		12	6	20.94	21.00	20.98	19.63	19.68	19.63	20.67	20.66	20.67
		12	11	20.92	20.96	20.95	19.60	19.66	19.62	20.64	20.63	20.67
		25	0	20.94	20.95	20.93	19.58	19.66	19.62	20.63	20.62	20.64

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			24.68			25.39	
		1	24		**25.70**			**24.70**			**25.40**	
		1	49		25.67			24.68			25.32	
		25	0		24.91			23.62			24.61	
		25	12		25.06			23.75			24.72	
		25	24		25.03			23.73			24.67	
		50	0		25.03			23.71			24.68	
	16QAM	1	0		**25.32**			**24.06**			**25.02**	
		1	24		25.25			23.96			24.93	
		1	49		25.24			24.01			24.92	
		25	0		23.94			22.68			23.66	
		25	12		24.03			22.78			23.73	
		25	24		24.01			22.76			23.70	
		50	0		24.02			22.73			23.70	
	64QAM	1	0		24.23			22.93			**23.92**	
		1	24		**24.24**			**22.94**			**23.92**	
		1	49		24.18			22.91			23.79	
		25	0		22.94			21.67			22.62	
		25	12		23.05			21.76			22.73	
		25	24		23.02			21.73			22.68	
		50	0		22.99			21.75			22.71	
	256QAM	1	0		20.97			19.73			20.73	
		1	24		**21.13**			**19.88**			**20.80**	
		1	49		21.07			19.76			20.71	
		25	0		20.92			19.65			20.63	
		25	12		21.03			19.75			20.70	
		25	24		21.01			19.74			20.67	
		50	0		20.99			19.72			20.68	

5G NR n26

Test Engineer ID:	28568	Test Date:	11/8/2022

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	24.19	25.45	25.43	23.10	24.35	24.41	23.83	24.54	25.10
		1	1	25.67	**25.70**	25.67	24.57	24.55	24.62	**25.34**	25.30	25.31
		1	23	25.63	25.57	25.59	24.57	24.53	24.52	25.33	25.27	25.32
		1	24	24.20	25.42	25.43	23.20	24.41	24.31	23.85	24.49	25.16
		12	6	25.58	25.67	25.60	24.53	**24.66**	24.60	25.29	25.23	25.28
		25	0	25.39	25.40	25.40	24.34	24.38	24.36	25.09	24.99	25.06
	QPSK	1	0	23.73	25.00	24.96	22.72	23.98	23.92	23.90	24.56	24.67
		1	1	**25.70**	25.66	**25.70**	24.65	**24.70**	**24.70**	**25.40**	**25.40**	**25.40**
		1	23	25.59	25.49	25.67	24.62	24.60	24.66	25.34	25.33	25.30
		1	24	23.70	24.79	24.89	22.71	23.92	23.87	23.84	24.55	24.74
		12	6	25.66	25.66	25.61	**24.70**	24.60	24.58	25.37	25.29	25.33
		25	0	24.92	24.93	24.94	23.91	23.95	23.86	24.67	24.58	24.60
	16QAM	1	0	22.47	23.90	24.13	21.64	23.01	22.94	22.78	23.87	23.82
		1	1	24.65	24.90	**25.17**	23.89	23.90	23.94	24.58	**24.84**	**24.84**
		1	23	24.62	24.83	25.05	23.76	23.94	**23.97**	24.48	24.83	24.81
		1	24	22.38	23.77	24.07	21.63	22.94	22.88	22.73	23.77	23.91
		12	6	25.04	24.96	24.88	23.89	23.96	23.52	24.69	24.69	24.57
		25	0	23.89	23.85	23.94	22.89	22.91	22.51	23.60	23.50	23.56
	64QAM	1	0	22.15	23.33	**23.51**	21.26	22.59	22.21	22.23	**23.23**	23.01
		1	1	23.29	23.40	23.48	22.48	22.60	22.27	23.00	23.06	23.08
		1	23	23.34	23.36	23.48	22.08	**22.61**	22.13	22.96	22.92	23.01
		1	24	22.08	23.27	23.40	20.90	22.57	22.15	22.26	23.06	23.11
		12	6	23.37	23.16	23.38	22.20	22.43	22.21	23.00	22.98	23.05
		25	0	23.41	23.32	23.45	22.22	22.49	22.23	23.14	23.02	23.05
	256QAM	1	0	20.10	21.41	21.43	19.10	20.60	20.30	20.20	**21.39**	21.05
		1	1	21.31	21.43	21.47	20.39	**20.64**	20.22	21.05	21.37	21.00
		1	23	21.34	21.32	21.42	20.32	20.50	20.23	20.93	21.35	20.90
		1	24	20.09	21.24	21.26	19.04	20.48	20.17	20.18	21.18	21.02
		12	6	21.45	21.34	21.37	20.28	20.42	20.07	21.16	20.99	21.07
		25	0	**21.48**	21.35	21.41	20.26	20.39	20.10	21.15	21.05	21.13

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		25.36			24.30			25.12	
		1	1		**25.60**			24.43			**25.31**	
		1	50		25.53			24.39			25.19	
		1	51		25.32			24.14			24.95	
		25	12		25.52			**24.48**			25.23	
		50	0		25.40			24.37			25.10	
	QPSK	1	0		24.96			23.96			24.56	
		1	1		**25.70**			24.62			**25.40**	
		1	50		25.57			24.57			25.34	
		1	51		24.81			23.88			24.59	
		25	12		25.59			**24.70**			25.28	
		50	0		24.91			24.01			24.62	
	16QAM	1	0		23.96			23.13			23.63	
		1	1		**25.03**			**24.14**			**24.71**	
		1	50		24.80			23.97			24.44	
		1	51		23.82			22.98			23.34	
		25	12		24.86			24.04			24.59	
		50	0		23.90			23.05			23.55	
	64QAM	1	0		23.52			**22.77**			23.04	
		1	1		**23.61**			22.75			23.05	
		1	50		23.46			22.54			22.90	
		1	51		23.47			22.67			22.88	
		25	12		23.30			22.25			23.03	
		50	0		23.33			22.27			**23.11**	
	256QAM	1	0		21.19			**20.49**			21.29	
		1	1		21.21			**20.49**			**21.34**	
		1	50		21.11			20.44			21.31	
		1	51		20.93			20.38			21.08	
		25	12		21.34			20.26			21.11	
		50	0		**21.36**			20.38			21.08	

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

LTE BAND 26

Test Engineer ID:	39004	Test Date:	11/17/2022

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	25.55	25.65	25.67	24.69	24.57	24.68	25.34	25.36	**25.40**
		1	2	25.69	**25.70**	**25.70**	24.69	**24.70**	**24.70**	**25.40**	25.39	**25.40**
		1	5	25.63	25.66	25.67	**24.70**	24.67	24.68	25.37	25.37	25.39
		3	0	25.68	25.68	25.66	24.67	24.59	24.63	25.33	25.38	25.38
		3	1	**25.70**	25.67	25.68	24.68	24.59	24.65	25.33	**25.40**	**25.40**
		3	2	**25.70**	25.67	25.66	24.67	24.69	24.67	25.33	**25.40**	25.39
		6	0	24.98	24.95	24.94	23.67	23.56	23.65	24.33	24.39	24.39
	16QAM	1	0	25.08	25.14	**25.29**	23.98	23.91	23.94	24.62	24.54	24.74
		1	2	25.17	25.16	25.28	**24.02**	24.00	23.95	24.68	24.54	**24.80**
		1	5	25.13	25.20	25.28	23.99	24.00	24.00	24.57	24.53	24.71
		3	0	25.11	25.07	25.11	23.83	23.72	23.84	24.49	24.52	24.55
		3	1	25.14	25.09	25.16	23.84	23.75	23.85	24.48	24.52	24.53
		3	2	25.14	25.08	25.13	23.83	23.81	23.84	24.47	24.54	24.52
		6	0	24.04	24.01	24.07	22.74	22.61	22.75	23.41	23.45	23.38
	64QAM	1	0	24.13	24.14	**24.38**	22.89	22.82	22.79	21.28	21.45	21.54
		1	2	24.20	24.27	24.09	22.83	**22.93**	22.80	21.34	21.36	**21.69**
		1	5	24.16	24.14	24.34	22.82	22.88	22.72	21.33	21.29	21.58
		3	0	24.25	24.19	24.03	22.75	22.64	22.70	21.15	21.39	21.52
		3	1	24.27	24.20	24.02	22.76	22.65	22.70	21.13	21.42	21.53
		3	2	24.25	24.20	24.03	22.77	22.72	22.71	21.13	21.40	21.53
		6	0	22.96	22.93	22.96	21.71	21.55	21.69	20.22	20.27	20.40
	256QAM	1	0	20.92	21.12	**21.14**	19.81	19.66	19.77	18.20	18.33	18.43
		1	2	21.12	21.10	21.07	19.78	19.72	**19.87**	18.26	18.39	**18.67**
		1	5	21.03	21.13	21.08	19.82	19.61	19.78	18.19	18.34	18.51
		3	0	20.95	21.05	21.00	19.77	19.61	19.71	18.23	18.31	18.49
		3	1	20.97	21.04	20.99	19.78	19.63	19.71	18.22	18.31	18.46
		3	2	20.98	21.05	21.01	19.77	19.69	19.68	18.24	18.32	18.48
		6	0	20.95	20.93	20.99	19.63	19.48	19.65	17.99	18.34	18.51

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	25.61	25.56	25.62	24.61	24.57	24.61	25.30	25.29	25.36
		1	7	**25.70**	**25.7**	**25.70**	**24.70**	**24.70**	**24.70**	**25.40**	**25.40**	**25.40**
		1	14	25.60	25.58	25.60	24.63	24.59	24.60	25.29	25.28	25.29
		8	0	24.99	24.9	25.01	23.71	23.57	23.67	24.38	24.31	24.41
		8	4	25.02	25.02	25.03	23.70	23.62	23.67	24.40	24.41	24.43
		8	7	25.02	25	25.01	23.70	23.68	23.67	24.42	24.40	24.44
		15	0	24.97	24.95	24.99	23.66	23.56	23.63	24.38	24.36	24.39
	16QAM	1	0	25.20	25.31	25.35	23.93	23.88	23.93	24.66	24.72	24.72
		1	7	25.30	25.44	**25.46**	**24.03**	23.99	23.95	24.72	**24.83**	24.74
		1	14	25.24	25.27	25.29	23.94	23.91	23.89	24.62	24.69	24.65
		8	0	24.05	23.96	24.10	22.78	22.66	22.72	23.40	23.36	23.53
		8	4	24.09	24.07	24.13	22.80	22.70	22.74	23.45	23.48	23.55
		8	7	24.08	24.04	24.12	22.79	22.78	22.73	23.44	23.45	23.52
		15	0	24.02	23.99	24.00	22.74	22.60	22.68	23.36	23.40	23.44
	64QAM	1	0	24.05	24.02	**24.34**	22.82	22.75	22.90	21.46	21.41	21.55
		1	7	24.07	24.17	24.29	22.90	22.79	**22.94**	21.54	21.46	**21.60**
		1	14	24.08	24.06	24.20	22.75	22.68	22.84	21.41	21.37	21.52
		8	0	23.04	22.93	23.03	21.73	21.62	21.65	20.30	20.28	20.40
		8	4	23.04	23.04	23.07	21.78	21.64	21.70	20.35	20.41	20.42
		8	7	23.04	23.03	23.08	21.76	21.71	21.69	20.34	20.37	20.40
		15	0	23.00	22.99	23.03	21.73	21.57	21.66	20.26	20.35	20.40
	256QAM	1	0	20.95	20.92	20.95	19.72	19.68	19.75	18.21	18.40	18.42
		1	7	**21.10**	21.04	21.08	**19.93**	19.87	19.84	18.42	18.47	**18.49**
		1	14	21.00	20.99	20.91	19.73	19.81	19.77	18.28	18.37	18.42
		8	0	21.00	20.94	21.03	19.72	19.59	19.66	18.26	18.28	18.41
		8	4	21.06	21.04	21.06	19.76	19.63	19.69	18.31	18.38	18.41
		8	7	21.03	21.03	21.06	19.76	19.69	19.70	18.27	18.37	18.43
		15	0	20.98	20.97	20.98	19.71	19.56	19.65	18.25	18.31	18.38

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	25.61	25.64	25.63	24.60	24.57	24.60	25.27	25.35	25.33
		1	12	**25.70**	**25.7**	**25.70**	**24.70**	**24.70**	**24.70**	**25.40**	**25.40**	**25.40**
		1	24	25.61	25.62	25.60	24.62	24.55	24.62	25.24	25.29	25.30
		12	0	24.87	24.85	24.86	23.56	23.51	23.54	24.23	24.28	24.30
		12	6	24.96	24.96	24.99	23.68	23.55	23.68	24.34	24.40	24.42
		12	11	24.93	24.95	24.93	23.63	23.58	23.66	24.29	24.34	24.37
		25	0	24.94	24.94	24.88	23.62	23.52	23.56	24.30	24.35	24.30
	16QAM	1	0	25.26	25.24	25.27	23.97	23.91	24.01	24.63	24.65	24.78
		1	12	25.33	**25.41**	25.40	24.03	24.04	**24.15**	24.69	24.80	**24.90**
		1	24	25.27	25.26	25.25	23.94	23.93	24.04	24.61	24.66	24.78
		12	0	23.99	23.9	23.94	22.55	22.60	22.69	23.19	23.33	23.39
		12	6	24.07	24	24.02	22.65	22.63	22.81	23.29	23.43	23.50
		12	11	24.05	23.97	23.99	22.64	22.68	22.75	23.26	23.39	23.43
		25	0	23.96	23.93	23.89	22.66	22.54	22.57	23.32	23.37	23.33
	64QAM	1	0	24.14	24.06	24.27	22.68	22.61	**22.86**	21.20	21.47	21.44
		1	12	24.17	24.08	**24.39**	22.72	22.70	22.80	21.26	21.49	**21.50**
		1	24	24.08	24.07	24.30	22.67	22.66	22.73	21.23	21.44	21.44
		12	0	22.91	22.88	22.87	21.58	21.52	21.58	20.13	20.24	20.32
		12	6	22.99	22.97	23.00	21.69	21.55	21.69	20.23	20.34	20.43
		12	11	22.97	22.94	22.98	21.67	21.60	21.67	20.19	20.34	20.39
		25	0	22.96	22.97	22.88	21.67	21.50	21.58	20.20	20.33	20.30
	256QAM	1	0	21.00	21.03	21.07	19.64	19.53	19.80	18.16	18.31	18.41
		1	12	**21.17**	**21.17**	**21.17**	19.75	19.69	**19.87**	18.27	18.38	**18.57**
		1	24	21.06	21.11	21.09	19.69	19.62	19.79	18.19	18.37	18.49
		12	0	20.86	20.85	20.87	19.60	19.50	19.60	18.11	18.23	18.30
		12	6	20.95	20.97	20.97	19.68	19.54	19.70	18.23	18.34	18.42
		12	11	20.94	20.94	20.93	19.67	19.57	19.65	18.19	18.33	18.38
		25	0	20.93	20.93	20.87	19.66	19.50	19.55	18.17	18.30	18.26

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**	**25.7**	**25.70**	**24.70**	24.68	**24.70**	**25.40**	25.39	**25.40**
		1	24	**25.70**	25.67	**25.70**	**24.70**	**24.70**	24.68	25.38	**25.40**	25.36
		1	49	25.66	25.65	25.64	24.68	24.69	24.66	25.28	25.33	25.28
		25	0	24.94	24.95	24.94	23.68	23.61	23.62	24.34	24.38	24.34
		25	12	25.04	24.93	25.04	23.76	23.62	23.63	24.42	24.44	24.32
		25	24	25.00	25	25.00	23.75	23.71	23.71	24.38	24.41	24.35
		50	0	25.03	25.02	24.94	23.74	23.68	23.63	24.39	24.43	24.32
	16QAM	1	0	25.43	**25.51**	25.41	**24.07**	24.01	24.06	24.75	**24.86**	24.79
		1	24	25.36	25.34	25.36	24.02	24.06	24.02	24.72	24.77	24.66
		1	49	25.40	25.41	25.41	24.02	23.99	24.00	24.65	24.79	24.61
		25	0	23.96	24.02	23.97	22.65	22.63	22.69	23.36	23.39	23.37
		25	12	24.06	24.01	24.07	22.80	22.68	22.68	23.45	23.48	23.37
		25	24	24.02	24.07	24.03	22.77	22.73	22.73	23.40	23.46	23.39
		50	0	24.01	24.02	23.92	22.76	22.73	22.64	23.41	23.45	23.32
	64QAM	1	0	24.23	24.2	24.07	22.93	22.89	22.88	21.54	21.59	**21.62**
		1	24	**24.24**	24.22	24.11	**22.96**	22.93	22.94	21.54	21.54	21.59
		1	49	24.21	24.11	24.01	22.87	22.91	22.90	21.47	21.45	21.52
		25	0	22.97	22.95	22.95	21.66	21.62	21.64	20.25	20.30	20.33
		25	12	23.04	22.97	23.03	21.75	21.64	21.67	20.33	20.33	20.40
		25	24	23.03	23.03	23.01	21.75	21.73	21.72	20.32	20.38	20.36
		50	0	23.03	23.01	22.95	21.73	21.72	21.64	20.32	20.39	20.30
	256QAM	1	0	21.06	20.91	21.02	19.80	19.76	19.79	18.31	18.45	18.45
		1	24	**21.15**	21.05	21.10	**19.92**	19.89	19.70	18.43	**18.52**	18.50
		1	49	21.11	20.99	21.03	19.78	19.84	19.84	18.36	18.51	18.42
		25	0	20.97	20.95	20.93	19.70	19.67	19.65	18.23	18.30	18.32
		25	12	21.04	20.95	21.01	19.77	19.67	19.64	18.34	18.33	18.39
		25	24	21.02	21	20.97	19.78	19.72	19.73	18.31	18.33	18.35
		50	0	21.02	21.02	20.93	19.75	19.68	19.60	18.29	18.36	18.27

5G NR n26

Test Engineer ID:	28568	Test Date:	11/8/2022

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	25.36	23.20	24.41	24.47	23.90	25.13	25.13
		1	1	25.41	25.53	25.62	24.63	24.58	**24.70**	**25.40**	25.31	25.32
		1	23	25.40	**25.69**	25.54	24.54	**24.70**	24.68	25.36	**25.40**	25.30
		1	24	24.06	25.42	25.36	23.08	24.49	24.39	23.87	25.19	25.16
		12	6	25.29	**25.69**	25.59	24.56	24.56	24.53	25.24	25.27	25.34
		25	0	25.29	25.43	25.37	24.31	24.32	24.30	25.02	25.01	25.01
	QPSK	1	0	23.91	25.02	24.87	22.66	23.90	23.88	23.37	24.65	24.65
		1	1	25.69	25.65	**25.70**	**24.70**	24.63	24.57	25.33	25.38	**25.40**
		1	23	25.68	25.69	25.64	24.64	24.68	24.56	25.30	25.36	25.33
		1	24	23.92	24.90	24.79	22.68	23.92	23.78	23.27	24.66	24.66
		12	6	25.68	**25.70**	25.63	24.54	24.54	24.51	25.27	25.23	25.33
		25	0	24.94	24.99	24.90	23.80	23.88	23.82	24.59	24.58	24.59
	16QAM	1	0	22.82	24.15	24.08	21.91	22.94	22.65	22.59	23.81	23.70
		1	1	24.97	**25.14**	25.12	24.05	24.07	23.74	**24.86**	24.76	24.69
		1	23	24.90	25.12	25.12	24.03	**24.13**	23.71	24.83	24.83	24.64
		1	24	22.70	24.12	24.06	21.79	23.01	22.55	22.62	23.83	23.59
		12	6	24.80	25.08	24.98	23.75	23.78	23.78	24.63	24.58	24.62
		25	0	23.72	23.95	23.87	22.89	22.88	22.81	23.61	23.64	23.51
	64QAM	1	0	22.28	23.38	23.23	21.09	22.54	22.63	21.73	23.20	23.16
		1	1	23.30	23.35	23.26	22.37	22.58	**22.65**	23.00	**23.35**	23.29
		1	23	23.29	23.40	23.01	22.30	22.63	22.57	22.99	23.30	23.22
		1	24	22.19	23.37	23.00	21.07	22.60	22.56	21.77	23.32	23.14
		12	6	23.25	23.44	23.19	22.26	22.16	22.21	23.04	22.93	23.00
		25	0	23.31	**23.49**	23.21	22.32	22.28	22.35	23.12	23.06	23.13
	256QAM	1	0	20.21	**21.58**	21.20	18.94	20.35	20.27	19.99	21.23	20.99
		1	1	21.22	21.37	21.20	20.24	20.42	20.30	21.27	21.24	20.94
		1	23	21.10	21.54	21.17	20.17	**20.49**	20.18	**21.30**	21.24	20.92
		1	24	20.14	21.49	21.19	18.95	20.47	20.23	19.94	21.19	20.87
		12	6	21.30	21.53	21.21	20.31	20.43	20.32	21.10	21.11	21.12
		25	0	21.32	21.50	21.23	20.28	20.30	20.28	21.08	21.03	21.13

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	25.39	25.52	25.47	24.48	24.46	24.48	25.18	25.14	25.22
		1	1	25.65	25.61	25.60	24.69	**24.70**	**24.70**	**25.40**	25.31	**25.40**
		1	50	25.65	**25.66**	25.61	24.68	24.67	24.59	25.36	25.31	25.30
		1	51	25.41	25.47	25.43	24.48	24.44	24.42	25.15	25.16	25.12
		25	12	25.55	**25.66**	25.65	24.51	24.65	24.57	25.26	25.20	25.27
		50	0	25.42	25.52	25.47	24.39	24.46	24.45	25.14	25.05	25.10
	QPSK	1	0	24.92	25.06	25.05	23.95	23.94	24.00	24.73	24.60	24.67
		1	1	25.64	25.57	25.67	24.68	**24.70**	**24.70**	25.39	25.36	25.39
		1	50	**25.70**	25.63	25.62	**24.70**	**24.70**	24.64	25.35	**25.40**	25.24
		1	51	24.90	24.88	24.96	24.00	23.90	23.84	24.67	24.58	24.54
		25	12	25.58	**25.70**	**25.70**	24.55	24.63	24.62	25.28	25.29	25.30
		50	0	24.94	25.05	25.00	23.86	23.96	23.93	24.58	24.58	24.63
	16QAM	1	0	23.83	24.08	24.51	22.81	23.15	22.77	23.70	23.55	23.94
		1	1	24.88	24.96	**25.47**	23.83	**24.17**	23.81	24.76	24.49	**24.93**
		1	50	24.92	24.96	25.37	23.80	24.15	23.71	24.65	24.50	24.84
		1	51	23.82	23.88	24.39	22.77	23.08	22.62	23.67	23.58	23.80
		25	12	24.95	25.01	24.96	23.86	23.99	23.94	24.58	24.56	24.62
		50	0	23.92	24.00	24.02	22.84	22.97	22.89	23.59	23.59	23.57
	64QAM	1	0	23.40	23.44	23.51	22.26	**22.88**	22.28	22.86	22.93	22.91
		1	1	23.45	23.34	23.33	22.24	22.81	22.35	22.74	22.98	23.00
		1	50	23.34	23.39	23.47	22.29	22.78	22.36	22.77	22.86	22.93
		1	51	23.39	23.32	23.44	22.22	22.75	22.30	22.82	22.87	22.87
		25	12	23.42	23.50	23.46	22.43	22.50	22.43	23.00	23.12	23.07
		50	0	23.46	23.52	**23.53**	22.35	22.49	22.42	**23.13**	**23.13**	**23.13**
	256QAM	1	0	21.24	21.45	21.14	20.62	20.33	20.19	21.17	**21.30**	21.15
		1	1	21.35	21.51	21.08	20.55	20.38	20.25	21.28	21.20	21.13
		1	50	21.25	21.40	21.14	**20.71**	20.37	20.23	21.28	21.25	21.03
		1	51	21.32	21.34	21.05	20.49	20.38	20.24	21.23	21.10	21.01
		25	12	21.38	**21.58**	21.32	20.36	20.40	20.33	21.11	21.11	21.03
		50	0	21.44	21.54	21.33	20.38	20.45	20.42	21.18	21.10	21.10

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		
				163300	167300	168300	163300	167300	168300	163300	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	25.40	25.45	25.39	24.55	24.51	24.58	25.23	25.17	25.26
		1	1	25.58	25.61	25.63	**24.70**	**24.70**	24.61	25.31	25.38	25.39
		1	77	**25.70**	25.63	25.68	24.69	24.68	24.68	25.30	**25.40**	25.35
		1	78	25.49	25.52	25.44	24.52	24.50	24.47	25.11	25.23	25.10
		36	18	25.52	25.49	25.57	24.62	24.50	24.62	25.23	25.19	25.23
		75	0	25.35	25.35	25.44	24.50	24.37	24.51	25.08	25.08	25.12
	QPSK	1	0	24.99	24.94	25.01	24.02	23.91	24.07	24.77	24.65	24.79
		1	1	25.57	**25.70**	25.67	24.62	24.62	**24.70**	**25.40**	25.29	**25.40**
		1	77	25.66	**25.70**	**25.70**	24.61	24.63	24.65	25.39	25.33	**25.40**
		1	78	24.84	25.00	24.95	23.90	23.97	23.98	24.64	24.66	24.63
		36	18	25.63	25.55	25.62	**24.70**	24.54	24.68	25.25	25.28	25.26
		75	0	24.96	24.65	25.02	24.01	23.90	24.03	24.64	24.63	24.69
	16QAM	1	0	24.16	23.92	23.94	23.25	22.86	22.89	23.83	23.71	23.88
		1	1	25.12	24.82	24.87	24.39	23.73	23.69	24.71	24.68	**24.83**
		1	77	**25.13**	24.93	24.83	**24.51**	23.76	23.64	24.63	24.69	24.78
		1	78	24.12	23.90	23.79	23.37	22.71	22.75	23.56	23.67	23.89
		36	18	24.96	24.85	24.89	23.99	23.89	23.96	24.63	24.62	24.70
		75	0	23.96	23.87	23.98	23.04	22.97	22.98	23.61	23.57	23.68
	64QAM	1	0	23.34	23.22	**23.48**	22.75	22.65	**22.85**	23.15	23.03	**23.25**
		1	1	23.17	23.15	23.43	22.61	22.61	22.78	23.07	22.96	23.04
		1	77	23.16	23.21	**23.48**	22.70	22.60	22.80	22.95	23.05	23.09
		1	78	23.23	23.18	23.39	22.57	22.71	22.73	23.08	23.00	22.89
		36	18	23.38	23.27	23.41	22.52	22.35	22.43	23.10	23.01	23.07
		75	0	23.46	23.31	23.45	22.53	22.40	22.50	23.10	23.09	23.19
	256QAM	1	0	**21.70**	21.33	21.42	**20.63**	20.38	20.48	21.31	21.12	20.98
		1	1	21.53	21.31	21.37	20.54	20.42	20.34	21.24	21.19	20.84
		1	77	21.67	21.47	21.42	20.56	20.50	20.37	21.22	**21.32**	20.86
		1	78	21.61	21.49	21.40	20.47	20.47	20.32	21.08	21.02	20.81
		36	18	21.43	21.35	21.41	20.46	20.35	20.48	21.08	21.09	21.09
		75	0	21.43	21.28	21.45	20.45	20.34	20.46	21.09	21.07	21.05

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		
				162800	167300	167800	162800	167300	167800	162800	167300	167800
				834	836.5	839.0	834	836.5	839.0	834	836.5	839.0
20.0	BPSK	1	0	25.47	25.50	25.49	24.51	24.49	24.55	25.29	25.19	25.22
		1	1	25.56	25.67	25.68	24.65	24.66	**24.70**	25.37	**25.40**	**25.40**
		1	104	**25.70**	**25.70**	25.65	24.68	24.60	24.58	**25.40**	25.26	25.38
		1	105	25.46	25.46	25.45	24.41	24.42	24.33	25.13	25.09	25.21
		50	25	25.56	25.54	25.68	24.65	24.59	24.48	25.27	25.19	25.23
		100	0	25.42	25.38	25.48	24.45	24.42	24.29	25.09	24.96	25.05
	QPSK	1	0	25.00	24.92	25.10	24.07	24.01	24.02	24.73	24.59	24.68
		1	1	25.62	25.66	**25.70**	24.57	**24.70**	24.62	25.34	25.32	**25.38**
		1	104	**25.70**	25.65	25.66	**24.70**	24.66	24.53	25.35	25.26	25.34
		1	105	24.98	24.91	24.98	23.87	23.93	23.87	24.61	24.56	24.56
		50	25	25.66	25.59	25.69	24.62	24.57	24.49	25.37	25.22	25.28
		100	0	24.94	24.91	25.00	23.88	23.88	23.80	24.61	24.49	24.55
	16QAM	1	0	23.99	23.69	23.97	22.58	22.75	22.91	23.36	23.61	23.86
		1	1	24.83	24.83	24.92	23.44	23.71	23.86	24.01	24.49	**24.72**
		1	104	**25.05**	24.66	24.72	23.63	23.63	23.77	24.28	24.55	24.57
		1	105	23.89	23.72	23.78	22.50	22.57	22.77	23.27	23.60	23.54
		50	25	24.88	24.82	24.96	23.84	**23.93**	23.78	24.61	24.49	24.50
		100	0	23.92	23.91	24.04	22.88	22.84	22.81	23.63	23.53	23.60
	64QAM	1	0	23.59	23.21	23.64	22.72	22.53	**22.83**	**23.31**	23.02	23.11
		1	1	23.54	23.17	23.56	22.51	22.51	22.70	23.13	22.92	23.12
		1	104	**23.66**	23.18	23.54	22.62	22.53	22.60	23.23	22.99	22.80
		1	105	23.59	23.18	23.54	22.59	22.52	22.59	23.18	22.93	22.76
		50	25	23.38	23.30	23.55	22.32	22.37	22.34	23.09	22.95	23.05
		100	0	23.36	23.33	23.52	22.38	22.32	22.30	23.08	23.00	23.04
	256QAM	1	0	21.42	21.66	21.43	20.27	**20.71**	20.56	21.21	21.12	21.18
		1	1	21.38	21.63	21.41	20.18	20.64	20.57	20.92	21.08	21.01
		1	104	21.44	**21.75**	21.33	20.37	20.70	20.50	21.18	21.17	21.04
		1	105	21.59	21.57	21.50	20.36	20.61	20.42	21.05	20.99	**21.26**
		50	25	21.35	21.30	21.51	20.42	20.34	20.25	21.06	20.97	21.08
		100	0	21.34	21.34	21.54	20.38	20.32	20.24	21.08	20.94	21.07

8.9. LTE BAND 30 AND 5G NR n30

LTE BAND 30

Test Engineer ID:	39004	Test Date:	11/9/2022

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	25.67	25.57	25.51	23.58	23.60	23.60	24.88	24.87	24.86	22.58	22.53	22.57
		1	12	**25.70**	**25.70**	**25.70**	**23.70**	**23.70**	**23.70**	**25.00**	**25.00**	**25.00**	**22.70**	**22.70**	**22.70**
		1	24	25.60	25.59	25.59	23.62	23.64	23.64	24.88	24.86	24.87	22.59	22.52	22.61
		12	0	24.95	24.94	24.84	22.61	22.67	22.65	23.86	23.90	23.85	21.61	21.59	21.56
		12	6	25.00	24.98	24.87	22.70	22.70	22.68	23.97	23.91	23.85	21.65	21.63	21.70
		12	11	24.94	24.95	24.92	22.66	22.68	22.68	23.91	23.90	23.91	21.64	21.61	21.67
		25	0	24.95	24.94	24.89	22.67	22.67	22.69	23.92	23.90	23.83	21.63	21.57	21.66
	16QAM	1	0	25.15	25.04	25.15	23.04	23.05	23.05	24.24	24.18	24.23	21.98	21.93	21.95
		1	12	25.18	25.08	**25.29**	23.12	23.08	**23.16**	24.36	24.38	**24.43**	21.99	22.05	**22.10**
		1	24	25.11	25.00	25.16	23.07	23.07	23.10	24.26	24.20	24.23	21.96	21.91	22.01
		12	0	23.97	23.96	23.89	21.74	21.77	21.78	22.92	22.93	22.96	20.69	20.70	20.67
		12	6	24.01	24.00	23.92	21.77	21.81	21.83	23.02	22.95	22.96	20.73	20.73	20.74
		12	11	23.95	23.95	23.97	21.76	21.79	21.82	22.98	22.95	23.02	20.69	20.69	20.74
		25	0	23.96	23.96	23.91	21.74	21.71	21.72	23.00	22.91	22.83	20.64	20.63	20.72
	64QAM	1	0	24.23	24.25	24.21	21.73	21.76	21.77	23.07	23.07	23.01	20.98	20.75	20.97
		1	12	24.30	24.27	**24.35**	**21.80**	21.77	**21.80**	**23.13**	**23.13**	23.05	20.88	20.71	**21.09**
		1	24	24.22	24.22	24.22	21.79	21.73	**21.80**	23.09	23.02	22.99	20.79	20.73	21.00
		12	0	23.02	22.97	22.96	20.72	20.71	20.68	21.87	21.93	21.87	19.64	19.59	19.61
		12	6	23.08	23.04	22.99	20.74	20.74	20.73	21.99	21.97	21.87	19.69	19.61	19.73
		12	11	23.02	22.99	23.02	20.74	20.71	20.72	21.94	21.92	21.93	19.65	19.58	19.67
		25	0	22.97	22.97	22.92	20.70	20.70	20.70	21.93	21.92	21.85	19.66	19.56	19.66
	256QAM	1	0	21.09	21.06	21.02	18.81	18.80	18.80	19.97	19.95	19.94	17.74	17.62	17.69
		1	12	21.16	21.12	**21.16**	18.91	18.85	**18.95**	**20.16**	20.09	20.10	17.85	17.65	**17.86**
		1	24	21.05	21.01	21.07	18.86	18.83	18.85	20.09	20.00	20.03	17.74	17.57	17.77
		12	0	20.91	20.93	20.90	18.67	18.66	18.65	19.84	19.90	19.84	17.61	17.54	17.56
		12	6	20.96	20.95	20.90	18.72	18.70	18.70	19.93	19.96	19.83	17.65	17.58	17.67
		12	11	20.91	20.92	20.97	18.68	18.67	18.70	19.93	19.88	19.88	17.60	17.55	17.65
		25	0	20.93	20.90	20.87	18.68	18.66	18.68	19.91	19.89	19.82	17.63	17.53	17.62

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		**25.70**			23.66			**25.00**			22.63	
		1	24		25.66			23.68			24.99			**22.70**	
		1	49		25.63			**23.70**			24.96			22.69	
		25	0		25.02			22.69			24.00			21.76	
		25	12		25.04			22.76			24.08			21.80	
		25	24		24.97			22.75			24.05			21.75	
		50	0		25.00			22.73			24.07			21.75	
	16QAM	1	0		**25.17**			23.07			**24.40**			**22.05**	
		1	24		25.14			23.04			24.29			22.00	
		1	49		25.09			**23.13**			24.25			21.98	
		25	0		24.01			21.76			23.02			20.84	
		25	12		24.03			21.80			23.12			20.83	
		25	24		24.01			21.80			23.08			20.82	
		50	0		23.99			21.76			23.05			20.75	
	64QAM	1	0		**24.16**			21.86			23.25			20.93	
		1	24		**24.16**			**21.87**			**23.27**			**20.98**	
		1	49		24.09			21.85			23.15			20.89	
		25	0		23.00			20.70			21.98			19.77	
		25	12		23.04			20.74			22.06			19.79	
		25	24		23.00			20.74			22.02			19.74	
		50	0		23.00			20.72			22.01			19.74	
	256QAM	1	0		21.02			18.79			20.08			17.80	
		1	24		**21.03**			**18.89**			**20.21**			**17.90**	
		1	49		20.95			18.85			20.16			17.79	
		25	0		20.97			18.65			19.97			17.75	
		25	12		20.99			18.70			20.03			17.78	
		25	24		20.95			18.70			20.02			17.74	
		50	0		20.95			18.69			20.04			17.74	

5G NR n30

Test Engineer ID:	28568	Test Date:	11/7/2022

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	20.70	20.66	20.66	18.70	18.70	18.60	19.90	20.00	20.00	17.70	17.65	17.62
		1	1	20.61	20.70	20.55	18.65	18.64	18.53	19.87	19.89	19.92	17.88	17.85	17.83
		1	23	20.63	20.65	20.57	18.70	18.70	18.55	19.85	19.65	19.90	17.89	17.85	17.87
		1	24	20.16	20.20	20.20	18.18	18.20	18.20	19.50	19.70	19.43	17.64	17.69	17.64
		12	6	25.17	**25.20**	25.04	23.16	23.14	**23.20**	24.48	23.10	**24.50**	**22.20**	**22.20**	22.16
		25	0	24.86	24.93	24.86	22.86	22.87	22.97	24.25	22.88	24.25	21.91	21.90	21.88
	QPSK	1	0	19.62	19.70	19.64	17.66	17.65	17.68	19.06	19.51	19.07	17.30	17.23	17.25
		1	1	20.56	20.61	20.70	18.66	18.63	18.70	20.00	20.00	20.00	17.43	17.46	17.43
		1	23	20.70	20.67	20.62	18.70	18.65	18.67	19.92	19.81	19.96	17.36	17.45	17.47
		1	24	20.24	20.20	20.13	18.16	18.16	18.20	19.54	19.31	19.47	16.64	16.73	16.74
		12	6	24.90	24.96	**25.15**	23.01	23.02	**23.15**	23.95	23.11	**23.99**	21.75	21.72	**21.77**
		25	0	24.47	24.46	24.37	22.39	22.52	22.44	23.81	22.43	23.82	20.70	21.01	20.97
	16QAM	1	0	18.34	19.08	19.00	16.62	16.61	16.67	18.07	18.89	17.76	16.25	16.33	16.52
		1	1	19.04	19.76	19.83	17.43	17.22	17.45	18.79	19.62	18.54	16.80	16.97	16.76
		1	23	19.48	20.26	20.26	17.91	17.78	17.95	19.24	19.49	19.05	16.24	16.93	16.83
		1	24	18.83	19.52	19.59	17.10	17.10	17.14	18.65	18.70	18.22	16.12	16.41	16.30
		12	6	**25.00**	24.97	24.95	22.89	**22.90**	22.86	**24.34**	22.50	24.33	21.00	21.02	**21.05**
		25	0	23.40	23.42	23.31	21.45	21.43	21.45	22.77	21.40	22.75	19.97	19.94	19.95
	64QAM	1	0	18.33	18.19	18.03	16.17	16.53	16.13	17.79	18.04	17.70	17.51	17.41	17.51
		1	1	18.03	17.88	17.72	15.96	16.17	15.79	17.44	17.77	17.36	17.50	17.45	17.55
		1	23	17.98	17.86	17.69	16.08	16.15	15.72	17.42	17.74	17.42	17.46	17.40	17.57
		1	24	18.82	18.60	18.48	16.70	17.02	16.64	18.20	17.96	18.09	17.41	17.34	17.58
		12	6	23.48	23.47	23.28	21.34	**21.52**	21.44	**22.93**	21.03	22.91	19.54	19.43	19.48
		25	0	**23.53**	23.44	23.43	21.50	21.50	21.46	22.89	21.11	22.88	**19.59**	19.52	19.55
	256QAM	1	0	16.40	16.46	16.33	14.46	14.51	14.40	15.95	16.35	15.87	17.40	17.34	17.21
		1	1	16.11	16.16	15.99	14.20	14.11	14.10	15.65	15.99	15.59	17.43	17.34	17.27
		1	23	16.11	16.14	15.96	14.20	14.11	14.13	15.70	15.87	15.61	17.42	17.43	17.37
		1	24	16.45	16.36	16.31	14.47	14.44	14.38	15.96	16.08	15.79	17.38	17.44	17.35
		12	6	21.50	**21.64**	21.34	19.39	**19.46**	19.38	20.78	19.15	20.85	**17.70**	17.60	17.69
		25	0	21.48	21.29	21.23	19.38	19.42	19.38	**20.89**	19.08	20.86	17.55	17.54	17.48

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		20.68			18.70			19.85			17.29	
		1	1		20.70			18.65			20.00			17.50	
		1	50		20.67			18.62			19.61			17.48	
		1	51		20.20			18.20			19.74			17.31	
		25	12		**25.20**			**23.20**			**24.44**			**22.10**	
		50	0		24.97			23.02			24.30			21.96	
	QPSK	1	0		20.18			17.65			19.65			17.23	
		1	1		20.57			18.62			19.96			17.06	
		1	50		20.58			18.70			19.60			17.05	
		1	51		20.65			18.20			18.89			17.00	
		25	12		**25.15**			**23.18**			**24.00**			**21.73**	
		50	0		24.44			22.38			23.86			21.02	
	16QAM	1	0		20.00			16.47			19.79			17.22	
		1	1		19.62			17.13			19.69			17.61	
		1	50		20.15			17.69			20.00			17.66	
		1	51		20.25			16.93			19.68			17.20	
		25	12		**24.94**			**22.97**			**23.39**			**20.95**	
		50	0		23.40			21.48			22.83			20.02	
	64QAM	1	0		18.12			16.33			20.00			17.41	
		1	1		17.90			16.09			19.99			17.42	
		1	50		17.89			16.09			19.52			17.35	
		1	51		18.53			16.87			19.14			17.38	
		25	12		**23.46**			**21.53**			**21.99**			**19.55**	
		50	0		23.38			21.44			21.95			19.41	
	256QAM	1	0		16.28			14.25			19.99			17.45	
		1	1		15.97			14.06			20.00			17.43	
		1	50		16.01			13.98			19.60			17.47	
		1	51		16.32			14.31			19.56			17.45	
		25	12		**21.40**			**19.49**			20.45			17.46	
		50	0		21.35			19.47			**20.50**			**17.58**	

8.10. LTE BAND 41 AND 5G NR n41

LTE BAND 41

Test Engineer ID:	39004	Test Date:	11/17/2022

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	27.61	28.32	27.64	25.28	27.99	27.94	26.11	27.92	26.80	26.06	27.63	26.18
		1	12	27.70	28.41	27.70	28.00	28.08	28.00	26.20	**28.00**	27.00	26.30	**27.70**	26.30
		1	24	27.63	28.30	27.64	27.98	28.03	27.95	26.11	27.92	27.00	26.22	27.59	26.21
		12	0	26.63	28.37	26.69	24.31	28.10	27.34	25.07	27.28	25.95	25.17	27.02	25.20
		12	6	26.63	**28.70**	26.76	24.37	28.12	27.35	25.17	27.33	26.03	25.22	27.06	25.32
		12	11	26.60	28.40	26.72	27.29	**28.70**	27.37	25.16	27.30	26.02	25.21	27.04	25.26
		25	0	26.62	**28.70**	26.70	24.26	28.10	27.36	25.05	27.33	25.98	25.19	26.99	25.21
	16QAM	1	0	26.93	26.88	26.98	27.65	27.69	27.80	25.41	27.56	26.14	25.40	27.21	25.66
		1	12	27.11	27.03	27.01	27.91	**27.99**	27.86	25.59	**27.62**	26.32	25.53	**27.32**	25.86
		1	24	26.97	26.85	26.99	27.80	27.68	27.78	25.39	27.54	26.34	25.52	27.18	25.70
		12	0	25.68	**27.50**	25.78	23.41	27.05	26.39	24.07	26.32	24.93	24.18	26.03	24.23
		12	6	25.67	25.60	25.79	23.40	27.23	26.46	24.18	26.34	25.02	24.31	26.08	24.36
		12	11	25.65	25.75	25.75	26.42	27.08	26.38	24.15	26.31	25.06	24.29	26.07	24.36
		25	0	25.59	27.43	25.74	23.30	27.14	26.38	24.05	26.35	25.01	24.23	26.02	24.22
	64QAM	1	0	25.70	**27.57**	25.90	26.60	26.55	26.45	24.23	26.34	25.03	24.71	26.36	24.52
		1	12	25.67	27.53	25.96	26.62	26.33	26.54	24.30	**26.38**	25.23	24.86	**26.46**	24.58
		1	24	25.61	27.45	25.89	26.52	**26.85**	26.47	24.21	26.35	25.24	24.92	26.41	24.47
		12	0	21.62	26.42	24.72	22.36	26.10	25.33	23.09	25.37	23.96	23.62	25.37	23.43
		12	6	21.64	26.47	24.77	22.40	26.16	25.38	23.23	25.42	24.07	23.73	25.38	23.46
		12	11	24.61	26.44	24.75	25.29	26.15	25.39	23.20	25.37	24.08	23.77	25.38	23.44
		25	0	21.60	26.43	24.74	22.29	26.14	25.36	23.07	25.35	24.04	23.70	25.37	23.45
	256QAM	1	0	22.30	22.10	22.88	20.35	24.14	23.36	21.14	23.41	21.98	21.71	23.40	21.58
		1	12	22.81	22.36	**22.92**	23.43	**24.17**	23.44	21.34	**23.47**	22.15	21.93	**23.50**	21.62
		1	24	22.78	22.52	22.90	23.28	24.08	23.44	21.31	23.39	22.24	21.99	23.45	21.59
		12	0	19.60	22.30	22.75	23.60	24.13	23.38	21.08	23.33	21.93	21.61	23.32	21.49
		12	6	19.62	21.10	22.78	23.49	24.14	23.41	21.22	23.36	22.06	21.73	23.37	21.52
		12	11	22.60	22.25	22.75	23.30	24.13	23.42	21.19	23.31	22.05	21.74	23.35	21.49
		25	0	19.57	21.60	22.73	23.90	24.08	23.38	21.10	23.29	21.98	21.69	23.34	21.48

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	22.68	28.33	27.66	28.00	28.18	27.86	25.95	27.97	27.00	26.06	27.67	26.22
		1	24	27.70	28.34	27.70	28.00	28.32	28.00	26.15	**28.00**	26.98	26.30	**27.70**	26.30
		1	49	27.65	28.29	27.61	27.96	28.24	27.94	26.20	27.99	26.96	26.28	27.68	26.20
		25	0	23.76	28.42	26.77	27.90	28.34	27.34	25.13	27.37	26.08	25.26	27.07	25.29
		25	12	26.75	**28.70**	26.78	27.38	**28.70**	27.42	25.17	27.42	26.09	25.30	27.12	25.31
		25	24	25.65	28.44	26.77	26.35	28.32	27.33	25.18	27.38	26.06	25.33	27.06	25.29
		50	0	23.64	28.42	26.76	27.50	28.35	27.40	25.13	27.37	26.05	25.24	27.08	25.31
	16QAM	1	0	28.00	**28.67**	28.20	27.50	**28.61**	27.56	25.29	27.57	26.35	25.47	**27.45**	25.66
		1	24	27.05	27.02	27.10	27.73	27.69	27.69	25.49	27.53	26.28	25.57	27.31	25.61
		1	49	26.97	28.61	27.01	27.71	27.55	27.69	25.59	**27.58**	26.33	25.70	27.36	25.65
		25	0	26.99	27.45	25.79	23.39	27.34	26.37	24.15	26.38	25.10	24.30	26.07	24.30
		25	12	25.82	27.45	25.82	26.35	27.42	26.43	24.17	26.44	25.12	24.35	26.14	24.36
		25	24	24.72	27.45	25.79	25.38	27.36	26.37	24.22	26.38	25.10	24.35	26.15	24.33
		50	0	26.40	27.44	25.79	23.33	27.37	26.37	24.14	26.40	25.09	24.25	26.10	24.29
	64QAM	1	0	25.66	25.78	25.87	23.66	25.36	26.45	24.09	26.44	25.14	24.68	**26.50**	24.53
		1	24	25.98	25.66	**25.98**	26.65	**26.85**	26.58	24.31	**26.50**	25.21	24.86	**26.50**	24.58
		1	49	25.85	25.45	25.88	26.54	26.44	26.55	24.32	26.42	25.13	24.81	26.46	24.52
		25	0	23.66	25.47	24.78	22.41	26.33	25.36	23.14	25.42	24.10	23.74	25.48	23.39
		25	12	24.77	24.36	24.83	25.36	26.38	25.42	23.16	25.46	24.10	23.82	25.53	23.40
		25	24	23.72	24.5.	24.81	24.33	26.32	25.35	23.21	25.42	24.07	23.83	25.50	23.43
		50	0	21.68	23.10	24.80	22.31	26.35	25.36	23.13	25.43	24.06	23.76	25.51	23.37
	256QAM	1	0	23.30	24.55	22.95	23.60	24.26	23.26	21.12	23.50	22.07	21.69	23.54	21.44
		1	24	22.98	**24.67**	22.92	23.38	**24.43**	23.38	21.37	**23.53**	22.14	22.02	**23.66**	21.67
		1	49	22.82	24.47	22.89	23.33	24.27	23.28	21.34	23.47	22.11	21.81	23.54	21.53
		25	0	24.10	24.44	22.84	24.00	24.33	23.35	21.11	23.38	22.08	21.71	23.48	21.42
		25	12	22.79	24.45	22.84	23.37	24.34	23.38	21.18	23.42	22.11	21.85	23.50	21.46
		25	24	21.71	24.44	22.82	22.35	24.31	23.33	21.22	23.38	22.05	21.83	23.46	21.48
		50	0	23.60	24.43	22.81	23.20	24.34	23.37	21.11	23.40	22.08	21.76	23.48	21.38

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	22.63	28.34	27.63	23.13	28.27	27.76	25.96	27.95	26.91	26.00	27.64	26.12
		1	37	27.70	28.32	27.64	28.00	28.47	27.95	26.20	27.96	26.98	26.30	27.63	26.14
		1	74	27.63	28.35	27.70	27.90	**28.70**	28.00	26.19	**28.00**	27.00	26.24	**27.70**	26.30
		36	0	22.72	**28.70**	26.74	23.25	28.40	27.27	25.18	27.29	25.98	25.19	27.01	25.24
		36	16	26.67	28.43	26.75	27.24	28.42	27.31	25.28	27.30	26.07	25.30	26.99	25.28
		36	35	23.64	28.42	26.73	24.19	28.37	27.26	25.20	27.28	26.03	25.24	27.00	25.28
		75	0	22.63	28.41	26.73	23.22	28.41	27.31	25.25	27.28	26.01	25.27	27.00	25.27
	16QAM	1	0	26.50	28.40	27.04	26.99	27.55	27.43	25.35	27.53	26.29	25.36	27.18	25.51
		1	37	27.11	28.59	26.95	27.54	**27.58**	27.52	25.62	27.50	26.34	25.72	**27.38**	25.55
		1	74	26.98	**28.62**	27.04	27.48	27.00	27.54	25.59	**27.54**	26.36	25.62	27.34	25.59
		36	0	26.80	27.45	25.75	22.29	27.42	26.28	24.18	26.31	25.03	24.21	26.02	24.25
		36	16	25.67	27.46	25.78	26.28	27.47	26.34	24.30	26.32	25.10	24.30	26.03	24.33
		36	35	26.50	27.46	25.76	23.22	27.39	26.26	24.24	26.33	25.08	24.28	26.02	24.33
		75	0	26.00	27.43	25.75	22.22	27.45	26.30	24.27	26.31	25.06	24.29	26.00	24.32
	64QAM	1	0	27.10	**27.28**	25.88	26.95	27.55	26.28	24.10	26.38	25.16	24.48	**26.56**	24.50
		1	37	25.64	**27.28**	25.87	26.43	27.59	26.51	24.38	26.41	25.23	24.81	26.33	24.52
		1	74	25.69	27.22	26.15	26.42	**27.67**	26.53	24.37	**26.45**	25.13	24.87	26.43	24.52
		36	0	25.99	26.42	24.73	21.28	26.41	25.28	23.18	25.32	23.98	23.65	25.46	23.50
		36	16	24.65	26.41	24.74	25.26	26.43	25.29	23.30	25.31	24.04	23.71	25.46	23.49
		36	35	26.50	26.42	24.72	22.23	26.38	25.25	23.24	25.34	24.06	23.76	25.44	23.45
		75	0	20.60	26.41	24.72	21.22	26.45	25.29	23.27	25.32	24.05	23.75	25.44	23.48
	256QAM	1	0	23.30	**24.53**	22.89	23.22	24.50	23.32	21.11	23.43	22.07	21.52	23.47	21.59
		1	37	22.86	**24.53**	22.91	23.39	**24.54**	23.40	21.42	23.44	22.20	21.90	**23.56**	21.61
		1	74	22.75	24.43	22.84	23.29	24.48	23.34	21.45	**23.49**	22.15	22.04	**23.56**	21.56
		36	0	23.99	24.41	22.73	23.10	24.38	23.24	21.18	23.32	22.01	21.66	23.43	21.50
		36	16	22.66	24.40	22.74	23.24	24.41	23.28	21.28	23.33	22.05	21.72	23.44	21.49
		36	35	22.60	24.39	22.74	20.25	24.35	23.25	21.26	23.33	22.06	21.78	23.41	21.46
		75	0	22.45	24.40	22.75	23.10	24.41	23.27	21.26	23.32	22.06	21.74	23.43	21.46

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	22.70	**28.70**	27.69	23.27	27.81	27.86	25.92	**28.00**	26.96	25.99	27.42	26.30
		1	49	27.70	28.15	27.62	**28.70**	27.89	27.91	26.20	27.95	26.94	26.29	27.39	26.28
		1	99	27.64	28.18	27.70	27.95	27.99	**28.70**	26.19	27.99	27.00	**26.30**	**27.43**	26.29
		50	0	22.76	28.23	26.67	23.34	27.92	27.33	25.18	27.31	25.97	25.24	26.71	25.27
		50	24	26.79	28.24	26.69	27.43	27.99	27.38	25.22	27.34	26.00	25.25	26.72	25.28
		50	49	23.67	28.23	26.60	24.28	27.93	27.33	25.22	27.32	26.05	25.27	26.70	25.34
		100	0	27.30	28.22	26.68	23.39	27.99	27.36	25.17	27.30	25.96	25.23	26.69	25.28
	16QAM	1	0	27.33	27.30	27.09	22.65	28.41	27.51	25.27	27.65	26.35	25.44	27.17	25.67
		1	49	27.28	**27.80**	27.19	27.86	27.90	27.62	25.59	**27.80**	26.46	**25.79**	**27.70**	25.78
		1	99	27.03	27.12	27.08	27.81	**28.42**	27.72	25.48	27.72	26.45	25.61	27.14	25.67
		50	0	21.79	27.24	25.70	25.99	26.96	26.31	24.19	26.31	24.97	24.24	25.71	24.29
		50	24	25.80	27.25	25.70	26.48	27.02	26.41	24.20	26.32	24.98	24.28	25.73	24.31
		50	49	22.69	27.24	25.62	26.12	26.96	26.35	24.21	26.33	25.03	24.29	25.72	24.38
		100	0	21.77	27.23	25.70	22.35	27.00	26.36	24.16	26.30	24.99	24.22	25.71	24.27
	64QAM	1	0	20.72	27.47	25.85	26.50	26.92	26.51	24.17	26.41	25.00	24.64	**26.25**	24.84
		1	49	26.00	**27.65**	25.84	26.54	27.00	26.43	24.50	**26.58**	25.14	24.89	26.22	24.85
		1	99	25.68	27.38	25.87	26.49	**27.04**	26.53	24.42	26.44	25.08	24.97	26.19	24.73
		50	0	20.74	26.22	24.67	21.36	25.92	25.30	23.15	25.32	23.97	23.63	25.08	23.48
		50	24	24.77	26.21	24.68	25.44	26.02	25.38	23.23	25.36	23.99	23.83	25.17	23.55
		50	49	21.64	26.21	24.58	22.29	25.92	25.32	23.21	25.36	24.06	23.86	25.13	23.49
		100	0	23.90	26.21	24.67	21.38	25.99	25.33	23.19	25.33	23.95	23.79	25.16	23.53
	256QAM	1	0	23.66	**24.44**	22.89	23.15	24.03	23.50	21.04	23.52	22.16	21.57	23.29	21.64
		1	49	22.86	24.32	22.82	23.47	24.06	23.58	21.34	23.44	22.25	21.78	23.30	21.60
		1	99	22.83	24.32	22.80	23.45	**24.12**	23.52	21.36	**23.53**	22.25	22.01	**23.33**	21.64
		50	0	24.00	24.17	22.68	22.98	23.88	23.27	21.16	23.35	21.98	21.63	23.07	21.48
		50	24	22.77	24.19	22.68	23.41	23.95	23.34	21.21	23.38	21.98	21.80	23.14	21.55
		50	49	22.50	24.19	22.59	20.32	23.91	23.31	21.23	23.37	22.05	21.87	23.13	21.51
		100	0	23.33	24.20	22.66	23.00	23.93	23.32	21.17	23.35	21.97	21.79	23.13	21.53

5G NR n41

Test Engineer ID:	29435	Test Date:	12/20/2022

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	22.45	25.56	25.50	22.12	25.03	24.03	20.49	24.20	22.70	20.41	24.44	23.39
		1	1	22.42	**28.70**	28.00	22.15	**28.70**	27.59	20.45	**27.70**	26.19	20.46	27.91	27.00
		1	22	28.00	28.24	27.21	27.62	28.65	27.70	26.27	27.69	26.30	26.20	**28.00**	26.80
		1	23	24.56	25.50	25.46	24.03	25.05	24.02	22.70	24.08	22.72	22.64	24.44	23.23
		12	6	24.44	28.28	26.89	24.05	28.50	27.57	22.57	27.66	26.12	22.61	27.82	26.67
		24	0	24.53	27.86	26.51	24.06	28.08	26.99	22.51	27.23	25.58	22.62	27.42	26.39
	QPSK	1	0	21.98	25.43	25.44	21.57	25.06	24.04	19.95	24.15	22.51	19.89	24.34	23.41
		1	1	21.93	**27.66**	26.44	21.65	28.53	27.59	19.96	**27.58**	25.45	19.91	27.93	26.97
		1	22	26.96	27.36	26.17	27.70	**28.69**	27.63	26.30	27.38	25.29	26.11	**27.96**	26.95
		1	23	24.44	25.44	25.40	23.98	25.08	23.97	22.57	24.14	22.61	22.57	24.34	23.41
		12	6	23.41	27.56	26.12	23.05	28.58	27.54	21.52	27.34	24.96	21.59	27.80	26.94
		24	0	23.37	26.71	25.38	23.08	27.51	26.52	21.54	26.49	24.39	21.58	26.84	25.84
	16QAM	1	0	22.10	25.40	24.64	21.47	25.38	24.14	19.80	24.19	22.70	20.24	24.23	23.55
		1	1	22.09	**26.77**	25.49	21.58	27.91	26.78	19.85	**26.60**	24.59	20.21	**26.83**	25.97
		1	22	26.21	26.47	25.27	26.81	**27.96**	26.75	25.04	26.45	24.69	25.39	26.79	25.99
		1	23	24.49	25.40	24.35	24.36	25.34	24.09	22.55	24.11	22.75	22.84	24.23	23.42
		12	6	22.82	26.68	25.35	22.62	27.60	26.62	21.07	26.19	24.09	21.17	26.82	25.95
		24	0	22.95	26.00	24.73	22.62	26.58	25.55	21.00	24.96	23.60	21.13	25.82	24.93
	64QAM	1	0	21.48	25.35	24.28	21.05	24.83	23.88	19.44	23.84	22.38	19.45	24.50	23.44
		1	1	21.41	25.58	24.46	21.08	25.83	24.97	20.43	24.97	23.00	19.44	25.44	24.44
		1	22	24.95	25.53	24.36	25.01	25.94	24.88	23.60	24.91	22.75	23.61	**25.45**	24.44
		1	23	24.52	25.46	24.32	24.07	24.90	23.89	22.70	23.93	22.45	22.60	24.43	23.40
		12	6	22.89	**25.59**	24.32	22.50	26.03	24.99	20.97	25.12	22.93	21.08	25.26	24.33
		24	0	22.82	25.57	24.42	22.52	**26.05**	24.98	20.99	**25.14**	22.99	21.07	25.35	24.30
	256QAM	1	0	19.86	**24.53**	23.06	19.44	23.79	23.17	17.72	23.07	21.54	17.79	23.30	22.64
		1	1	19.89	24.30	23.15	19.39	23.88	23.13	17.74	23.06	21.56	17.80	23.32	22.63
		1	22	23.46	24.26	23.03	23.02	23.86	23.02	21.54	23.18	21.60	21.44	**23.40**	22.69
		1	23	23.27	24.29	22.96	22.96	23.83	23.09	21.47	23.09	21.62	21.42	23.26	22.58
		12	6	21.61	24.25	23.16	21.04	**24.04**	22.91	19.51	**23.19**	21.60	19.73	**23.40**	22.49
		24	0	21.47	24.23	23.24	21.02	23.96	22.84	19.37	23.03	21.59	19.64	23.34	22.34

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	22.57	25.38	25.52	22.11	25.07	24.15	20.49	24.12	23.07	20.13	24.47	23.37
		1	1	22.50	28.45	28.00	22.24	28.63	27.62	20.51	**27.70**	26.27	20.20	27.95	26.91
		1	36	28.00	27.99	27.59	27.70	**28.70**	27.64	26.24	27.69	26.30	26.11	**28.00**	27.00
		1	37	24.66	25.60	25.59	24.23	25.15	24.11	22.82	24.19	23.19	22.56	24.49	23.43
		18	9	24.55	**28.70**	27.79	24.07	28.66	27.53	22.65	27.59	25.81	22.30	27.95	26.93
		36	0	24.57	27.54	27.34	24.10	28.07	27.11	22.67	27.14	25.42	22.35	27.45	26.38
	QPSK	1	0	21.95	25.46	25.49	21.59	25.05	24.10	20.03	24.04	23.06	19.59	24.34	23.38
		1	1	21.91	**27.70**	27.28	21.52	**28.60**	27.70	20.05	**27.07**	25.20	19.70	27.97	26.93
		1	36	26.51	27.26	26.69	27.66	28.48	27.56	26.30	26.54	25.10	26.06	**28.00**	26.94
		1	37	24.97	25.50	25.69	24.11	25.14	24.03	22.75	24.13	23.18	22.50	24.43	23.44
		18	9	23.90	**27.70**	27.18	23.01	28.48	27.62	21.51	26.82	24.98	26.20	27.88	26.84
		36	0	23.80	26.71	26.19	23.09	27.55	26.56	21.62	26.08	24.28	21.26	26.87	25.84
	16QAM	1	0	22.45	25.37	25.62	21.64	25.07	24.21	20.33	24.13	23.11	19.73	24.20	23.66
		1	1	22.54	26.90	26.55	21.61	27.50	26.79	20.41	24.28	24.27	19.70	26.78	26.14
		1	36	**26.95**	26.52	26.13	26.66	27.55	26.79	25.61	25.87	24.23	25.23	**26.85**	26.12
		1	37	25.08	25.40	25.36	24.16	25.00	24.17	23.13	24.11	23.28	22.65	24.34	23.53
		18	9	23.37	26.79	26.30	22.57	**27.63**	26.47	21.17	**26.30**	24.34	20.64	26.75	25.82
		36	0	23.19	26.02	25.42	22.57	26.63	25.49	21.15	25.31	23.60	20.70	25.89	24.75
	64QAM	1	0	21.69	25.48	25.52	20.83	25.08	23.77	19.50	23.74	22.97	18.94	24.36	23.27
		1	1	21.86	**25.66**	25.44	20.94	25.97	24.78	19.55	24.69	23.83	18.94	25.31	24.17
		1	36	24.95	25.36	24.74	24.94	25.75	24.87	23.81	24.38	23.17	23.44	**25.41**	24.13
		1	37	24.76	25.25	24.74	23.90	24.97	23.87	22.87	23.78	23.17	22.40	24.50	23.07
		18	9	23.30	25.44	25.11	22.54	**26.06**	24.96	21.12	24.78	23.30	20.85	**25.41**	24.30
		36	0	23.26	25.35	25.01	22.45	26.04	24.90	21.17	**24.79**	23.20	20.77	25.29	24.31
	256QAM	1	0	20.17	24.19	24.26	19.42	24.02	23.01	17.92	23.03	22.12	17.57	23.45	22.28
		1	1	20.22	**24.41**	24.10	19.36	**24.19**	22.95	17.99	23.08	22.28	17.67	23.41	22.27
		1	36	23.75	23.85	23.50	23.02	24.09	23.02	21.71	23.21	21.78	21.50	23.51	22.25
		1	37	23.71	23.75	23.30	22.86	24.04	23.00	21.83	23.01	21.71	21.53	**23.56**	22.15
		18	9	21.95	24.19	23.64	21.12	24.10	23.09	19.75	**23.22**	22.02	19.37	23.46	22.50
		36	0	21.84	24.06	23.60	21.02	24.04	23.11	19.60	23.13	22.00	19.31	23.40	22.40

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	22.73	26.04	25.81	22.53	25.35	24.24	20.50	25.25	22.50	20.07	24.47	23.48
		1	1	22.73	**28.70**	28.00	22.55	27.59	27.55	20.42	**27.70**	26.07	20.15	**28.00**	27.00
		1	49	28.00	28.43	27.55	**28.70**	27.64	**28.70**	26.30	26.95	26.17	26.13	27.89	26.88
		1	50	24.77	26.22	26.03	24.40	25.36	24.38	22.93	25.20	22.71	22.68	24.57	23.44
		25	12	24.69	28.49	27.50	24.31	27.55	27.60	22.76	26.93	26.30	22.49	27.90	26.91
		50	0	24.65	28.19	27.15	24.33	27.64	27.29	22.75	26.92	25.78	22.44	27.68	26.35
	QPSK	1	0	22.05	25.99	25.63	21.94	25.33	24.31	19.85	25.09	22.71	19.75	24.67	23.37
		1	1	22.16	**28.05**	26.99	21.99	**27.68**	27.59	19.91	**27.50**	25.97	19.77	27.95	**26.98**
		1	49	27.38	27.68	26.74	27.66	27.65	27.63	26.05	26.97	25.64	26.20	**28.00**	26.83
		1	50	24.68	26.15	25.86	24.46	25.42	24.37	22.84	25.15	22.84	22.70	24.70	23.21
		25	12	23.65	27.87	26.77	23.36	**27.68**	27.49	21.72	26.91	25.76	21.50	27.69	26.73
		50	0	23.65	27.21	26.11	23.29	27.55	26.75	21.71	26.91	25.10	21.47	27.19	25.95
	16QAM	1	0	21.79	26.28	25.87	22.06	25.69	24.03	19.89	25.24	22.55	19.78	24.76	23.75
		1	1	21.76	**27.51**	26.55	21.92	**27.82**	26.81	19.88	**27.02**	24.98	19.88	27.12	**26.17**
		1	49	26.56	27.18	26.40	27.02	27.74	26.77	25.48	27.00	24.85	25.28	27.09	26.10
		1	50	24.34	26.31	25.67	24.43	25.49	24.22	22.93	25.42	22.77	22.74	24.64	23.67
		25	12	23.16	27.18	26.10	22.80	27.55	26.77	21.22	26.96	25.22	20.95	27.20	25.81
		50	0	23.05	26.49	25.41	22.82	26.88	25.74	21.24	26.56	24.44	20.99	26.26	24.90
	64QAM	1	0	21.33	25.81	25.14	21.34	25.42	24.36	19.71	25.06	22.99	19.19	25.01	23.74
		1	1	21.31	26.18	25.22	21.29	26.50	25.39	19.76	25.97	23.98	19.26	25.96	**24.74**
		1	49	25.53	25.95	24.87	25.42	**26.58**	25.42	24.02	25.91	24.00	23.73	26.05	24.62
		1	50	24.41	25.94	25.06	23.55	25.35	24.41	23.16	25.17	23.11	22.67	25.04	23.62
		25	12	23.33	26.15	25.08	22.13	26.38	25.24	21.24	**26.12**	23.95	20.87	25.87	24.45
		50	0	23.24	**26.22**	25.20	22.17	26.40	25.25	21.27	26.10	23.94	20.89	25.82	24.30
	256QAM	1	0	19.78	24.76	23.94	19.35	24.53	23.56	18.26	24.19	22.37	18.05	23.96	22.77
		1	1	19.74	24.90	23.93	19.43	**24.68**	23.54	18.20	**24.43**	22.43	18.23	24.04	**22.83**
		1	49	23.37	24.81	23.63	23.03	24.60	23.57	22.05	24.36	22.38	22.16	24.09	22.74
		1	50	23.28	24.82	23.78	22.96	24.50	23.55	22.35	24.29	22.61	22.15	24.08	22.78
		25	12	21.66	**25.01**	23.89	20.75	24.38	23.16	19.78	24.12	21.99	19.43	23.77	22.29
		50	0	21.59	**25.01**	23.98	20.85	24.42	23.23	19.72	24.12	22.04	19.38	23.69	22.37

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	22.73	25.95	25.80	22.46	25.60	24.33	20.39	25.29	22.74	19.86	24.70	23.58
		1	1	22.86	**28.70**	28.00	22.47	27.89	27.59	20.56	**27.70**	26.30	19.85	27.84	26.99
		1	76	28.00	28.18	27.64	27.68	27.98	27.66	26.30	27.14	26.29	26.16	**28.00**	26.94
		1	77	24.99	26.11	26.11	24.55	26.18	24.36	22.99	25.39	22.91	22.65	24.67	23.44
		36	18	24.78	28.39	27.50	24.40	28.34	27.43	22.77	27.09	26.25	22.38	27.76	26.92
		75	0	24.83	28.08	27.17	24.43	**28.36**	27.26	22.83	27.04	25.79	22.51	27.60	26.42
	QPSK	1	0	22.25	26.11	25.67	21.93	26.14	24.24	19.94	25.19	22.70	19.51	24.72	23.46
		1	1	22.33	**28.08**	27.11	21.94	**28.70**	27.62	20.06	**27.33**	26.25	19.57	**27.70**	27.00
		1	76	27.48	27.48	26.75	27.70	28.46	27.70	26.24	27.01	25.54	26.20	27.65	26.57
		1	77	24.97	26.47	25.94	24.50	26.17	24.32	22.99	25.27	22.84	22.66	24.66	23.39
		36	18	23.92	27.72	26.69	23.32	28.33	27.45	21.77	26.98	25.75	21.35	27.60	26.87
		75	0	23.89	27.06	26.12	23.38	28.37	26.79	21.76	27.01	25.03	21.46	26.70	25.98
	16QAM	1	0	22.31	26.25	25.16	22.13	26.15	24.54	19.66	25.23	22.63	19.33	24.78	23.60
		1	1	22.33	**27.44**	26.37	22.14	28.49	27.07	19.92	**27.15**	25.32	19.31	27.02	26.03
		1	76	26.68	26.77	25.83	27.07	**28.54**	27.09	25.48	27.01	24.83	25.02	**27.05**	25.88
		1	77	25.15	26.15	25.07	24.72	26.30	24.50	23.05	25.40	22.81	22.31	24.82	23.52
		36	18	23.30	27.06	26.11	22.73	28.37	26.77	21.16	27.04	25.08	20.88	26.88	25.82
		75	0	23.34	26.44	25.34	22.86	27.70	25.79	21.26	26.67	24.32	20.96	25.99	24.90
	64QAM	1	0	21.74	25.95	24.90	21.39	25.91	24.59	19.41	25.32	22.94	19.18	24.85	23.64
		1	1	21.67	25.98	25.10	21.53	27.12	25.66	19.44	**26.40**	23.97	19.23	25.66	24.87
		1	76	25.66	25.82	24.57	25.40	27.03	25.85	23.90	26.11	23.85	23.75	**25.84**	24.75
		1	77	24.85	25.52	24.97	24.41	26.02	24.74	22.90	25.50	23.09	22.68	24.69	23.66
		36	18	23.35	26.07	24.95	22.87	27.08	25.31	21.11	26.10	23.87	20.87	25.59	24.39
		75	0	23.39	**26.12**	25.16	22.87	**27.16**	25.19	21.18	26.19	23.99	20.89	25.64	24.43
	256QAM	1	0	20.14	24.94	24.21	19.93	24.99	23.39	18.00	24.15	22.27	17.96	**24.21**	22.98
		1	1	20.17	**25.22**	24.07	19.98	25.19	23.28	18.22	**24.44**	22.27	18.07	24.19	22.77
		1	76	23.74	24.79	23.95	23.33	**25.46**	23.51	22.32	24.37	22.39	22.21	24.09	22.98
		1	77	23.74	24.72	23.99	23.62	25.14	23.53	22.28	24.24	22.41	22.25	24.06	22.99
		36	18	21.64	24.75	23.77	21.37	25.16	23.18	19.74	24.08	21.90	19.37	23.67	22.44
		75	0	21.72	24.93	23.87	21.37	25.21	23.25	19.79	24.28	21.90	19.40	23.66	22.52

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	22.60	26.12	26.57	22.39	26.08	24.37	20.46	25.31	23.26	20.19	24.68	23.44
		1	1	22.91	**28.70**	28.00	22.45	**28.70**	27.62	20.57	**27.70**	26.30	20.01	**28.00**	27.00
		1	104	28.00	28.07	27.62	27.70	28.38	27.70	26.19	27.28	25.32	26.14	27.81	26.68
		1	105	24.96	26.38	27.04	24.47	26.13	24.41	23.03	25.48	23.43	22.59	24.55	23.18
		50	25	24.92	28.41	27.59	24.30	28.23	27.62	22.77	27.07	25.65	22.52	27.75	26.59
		100	0	24.93	28.04	27.34	24.40	28.27	27.43	22.77	27.16	25.37	22.41	27.50	26.13
	QPSK	1	0	22.29	25.99	26.30	21.82	26.06	24.23	19.96	25.28	23.26	19.57	24.65	23.30
		1	1	22.35	**28.04**	27.03	21.85	28.30	27.68	19.93	27.26	25.61	19.58	**27.86**	26.90
		1	104	27.38	27.33	26.79	27.59	**28.37**	27.66	26.30	**27.27**	24.62	26.20	27.55	26.64
		1	105	25.07	26.45	26.14	24.37	26.05	24.41	23.03	25.51	23.53	22.71	24.64	23.10
		50	25	23.79	27.71	26.99	23.33	28.24	27.59	21.86	27.14	25.02	21.38	27.47	26.64
		100	0	23.84	27.01	26.24	23.34	28.19	26.92	21.82	27.17	24.36	21.46	26.79	25.62
	16QAM	1	0	21.55	26.21	25.42	22.10	26.29	24.09	19.84	25.45	23.61	20.01	25.09	23.15
		1	1	22.06	**27.35**	25.76	22.15	27.90	26.76	20.00	27.09	25.13	19.66	27.13	25.68
		1	104	26.27	26.56	26.21	26.96	27.80	26.73	25.62	27.01	24.13	25.36	**27.24**	25.64
		1	105	25.03	26.08	25.44	24.54	26.33	24.40	22.87	25.28	23.28	22.73	24.88	23.04
		50	25	23.24	26.99	26.41	22.80	**28.24**	26.76	21.41	**27.12**	24.31	21.00	26.89	25.73
		100	0	23.30	26.23	25.60	22.87	27.46	25.78	21.37	26.72	23.60	20.97	25.94	24.76
	64QAM	1	0	22.06	25.44	25.25	21.28	25.97	24.41	19.62	25.32	23.21	19.28	24.98	23.16
		1	1	21.87	25.90	25.22	21.43	27.17	25.56	19.49	**26.43**	23.90	19.07	**25.92**	24.24
		1	104	25.65	25.39	25.02	25.49	**27.20**	25.45	24.14	25.89	22.78	23.86	25.89	24.42
		1	105	25.07	25.35	24.99	24.33	26.25	24.71	23.24	25.21	22.62	22.73	25.05	23.21
		50	25	23.25	25.96	25.23	22.87	26.92	25.25	21.31	26.26	23.19	20.94	25.42	24.07
		100	0	23.27	**26.05**	25.32	22.92	27.01	25.27	21.32	26.25	23.20	20.93	25.50	24.17
	256QAM	1	0	20.61	24.77	23.88	20.26	25.18	23.44	18.02	24.34	22.80	18.06	**24.15**	22.82
		1	1	20.42	**24.84**	24.23	20.49	**25.51**	23.79	17.92	**24.67**	22.80	17.86	24.01	22.74
		1	104	24.17	24.48	23.96	23.74	25.23	23.34	22.11	24.59	21.70	21.82	24.08	22.68
		1	105	24.18	24.21	23.81	23.88	25.31	23.54	22.26	24.63	21.69	21.92	23.89	22.56
		50	25	21.80	24.77	24.03	21.41	25.05	23.29	19.85	24.23	21.85	19.49	23.52	22.19
		100	0	21.79	24.80	24.06	21.34	25.09	23.26	19.82	24.27	21.95	19.46	23.60	22.22

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	22.25	25.86	25.97	22.37	25.88	23.94	20.41	24.72	23.12	20.08	24.83	23.41
		1	1	22.52	28.57	28.00	22.48	**28.70**	27.48	20.54	**27.70**	26.30	19.97	**28.00**	27.00
		1	131	27.88	28.44	27.59	27.70	28.31	27.70	26.30	26.63	25.10	26.20	27.85	26.91
		1	132	24.59	26.25	26.54	24.41	26.09	24.24	22.95	24.90	23.24	22.64	24.52	23.42
		64	32	24.61	**28.70**	27.51	24.42	28.12	27.40	22.96	26.54	25.45	22.54	27.74	26.85
		128	0	24.59	28.47	27.19	24.39	28.16	27.16	22.86	26.53	25.23	22.48	27.63	26.34
	QPSK	1	0	21.89	25.78	25.97	21.99	25.83	24.12	19.96	24.67	23.00	19.54	24.72	23.45
		1	1	22.00	**28.51**	26.91	21.90	28.00	27.56	19.96	**26.68**	25.76	19.41	27.70	26.90
		1	131	28.00	27.59	26.98	27.63	**28.20**	27.64	26.26	26.57	24.48	26.17	27.55	26.87
		1	132	24.75	26.21	26.26	24.24	25.84	24.43	23.05	24.74	23.25	22.58	24.57	23.33
		64	32	23.52	28.08	26.86	23.33	28.09	27.51	21.93	26.49	24.80	21.52	**27.76**	26.82
		128	0	23.63	27.48	26.20	23.35	28.07	26.85	21.85	26.48	24.26	21.45	26.93	25.80
	16QAM	1	0	22.30	26.14	25.94	21.93	25.94	24.29	20.50	24.49	22.88	19.58	24.63	23.68
		1	1	22.37	**27.93**	26.69	22.15	27.98	27.00	20.58	**26.64**	24.89	19.61	26.98	26.11
		1	131	27.43	27.36	26.49	27.00	**28.33**	27.05	25.91	26.51	23.72	25.14	26.96	25.92
		1	132	24.82	26.26	25.60	24.54	26.19	24.63	23.69	24.82	22.83	22.72	24.54	23.45
		64	32	23.20	27.47	26.36	22.86	28.03	26.85	21.35	26.56	24.16	21.01	**27.10**	25.78
		128	0	23.06	26.77	25.62	22.79	27.34	25.79	21.31	26.27	23.51	21.01	26.14	24.78
	64QAM	1	0	21.09	25.77	25.36	21.21	25.65	24.36	19.47	24.77	23.21	19.45	24.91	23.59
		1	1	21.31	**26.75**	25.52	21.84	**26.93**	25.57	19.58	**25.98**	23.87	19.40	**25.91**	24.50
		1	131	25.45	26.08	25.54	25.52	26.88	25.67	23.89	25.85	22.74	23.98	25.85	24.54
		1	132	24.31	26.12	25.37	24.37	25.89	24.57	22.99	24.69	22.70	22.81	24.80	23.52
		64	32	23.04	26.50	25.26	22.88	26.77	25.26	21.33	25.71	23.06	21.08	25.72	24.34
		128	0	23.04	26.47	25.38	22.87	26.78	25.29	21.01	25.75	23.11	20.99	25.57	24.32
	256QAM	1	0	19.81	24.57	24.05	19.88	24.84	23.31	17.45	23.71	22.64	17.98	24.21	23.12
		1	1	20.29	24.64	24.51	19.87	24.85	23.24	17.84	**24.02**	22.29	17.83	**24.28**	22.92
		1	131	23.97	25.05	24.40	23.40	**25.07**	23.35	21.89	23.73	21.50	21.98	24.19	22.86
		1	132	23.73	24.90	24.19	23.45	25.01	23.21	21.82	23.85	21.56	22.11	24.18	22.90
		64	32	21.67	25.13	24.16	21.30	24.76	23.14	19.56	23.64	21.76	19.55	23.72	22.39
		128	0	21.67	**25.17**	24.27	21.32	24.77	23.12	19.53	23.67	21.86	19.47	23.66	22.39

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	22.72	25.95	26.40	22.33	25.81	25.20	20.42	24.90	22.96	20.01	24.72	24.09
		1	1	22.81	**28.70**	27.73	22.55	28.16	27.55	20.67	**27.70**	26.30	19.88	**28.00**	26.96
		1	160	28.00	27.69	27.44	27.70	**28.70**	27.67	26.30	26.52	25.12	26.00	27.75	26.91
		1	161	25.02	26.33	26.82	24.45	25.95	25.29	22.98	24.67	23.18	22.55	24.55	23.85
		81	40	24.88	28.18	27.47	24.32	28.10	27.53	23.07	26.52	25.65	22.52	27.85	26.98
		162	0	24.95	27.81	27.04	24.38	28.15	27.53	23.04	26.47	25.40	22.47	27.69	26.96
	QPSK	1	0	22.19	25.88	26.05	22.07	25.89	25.25	20.00	24.45	23.06	19.70	24.61	24.04
		1	1	22.19	**27.68**	26.83	21.88	28.19	27.54	20.17	**26.72**	25.87	19.58	**28.00**	27.00
		1	160	27.49	26.77	26.60	27.65	**28.23**	27.62	26.29	26.42	24.50	26.20	27.68	26.83
		1	161	25.11	26.11	25.85	24.22	25.94	25.23	23.22	24.59	23.12	22.62	24.64	23.79
		81	40	23.87	27.51	26.81	23.49	28.18	27.55	22.07	26.57	25.08	21.55	27.77	26.89
		162	0	23.92	26.78	26.03	23.47	28.19	27.63	22.00	26.58	24.42	21.46	27.15	26.53
	16QAM	1	0	21.81	25.93	25.40	21.55	25.86	25.23	20.01	24.51	23.22	19.54	24.76	23.91
		1	1	22.13	**27.21**	26.28	21.61	**28.21**	27.59	20.37	**26.68**	25.29	19.72	**27.20**	26.35
		1	160	26.48	25.88	26.22	26.62	28.00	27.70	25.70	26.12	23.81	25.23	26.95	26.20
		1	161	24.87	25.36	25.51	24.18	26.04	25.38	23.27	24.89	23.22	22.66	24.50	23.88
		81	40	23.39	26.91	26.14	22.97	28.12	27.35	21.64	26.46	24.40	20.94	27.08	25.94
		162	0	23.38	26.03	25.34	22.98	27.39	26.77	21.64	26.11	23.72	21.00	26.16	25.44
	64QAM	1	0	21.72	**26.06**	25.17	21.84	25.78	25.37	19.60	24.53	23.11	19.06	24.87	24.06
		1	1	21.83	25.92	25.40	21.65	**26.94**	26.48	19.77	**25.96**	24.04	19.12	25.64	25.14
		1	160	25.84	25.09	24.98	25.68	26.93	26.05	24.19	25.70	22.71	23.70	**25.78**	24.96
		1	161	25.31	25.07	25.49	24.40	25.93	25.52	22.95	24.98	22.95	22.55	24.66	24.12
		81	40	23.30	25.77	25.04	22.95	26.79	25.93	21.60	25.61	23.22	20.91	25.56	24.66
		162	0	23.41	25.77	25.07	22.95	26.82	26.35	21.64	25.69	23.36	20.92	25.62	24.98
	256QAM	1	0	20.12	**24.93**	23.95	20.10	25.02	24.49	18.19	23.69	22.65	17.82	24.27	23.51
		1	1	20.24	24.62	24.39	20.40	25.14	24.67	18.32	**24.07**	22.65	17.85	**24.28**	23.61
		1	160	23.97	24.03	24.09	23.64	25.14	24.69	22.37	23.85	21.83	22.04	24.15	23.19
		1	161	23.93	24.18	24.01	23.81	**25.18**	24.64	21.83	23.60	21.73	21.93	23.75	23.14
		81	40	21.83	24.63	23.84	21.40	24.76	24.42	20.06	23.57	21.97	19.62	23.57	23.16
		162	0	21.89	24.62	23.93	21.49	24.77	24.57	20.08	23.66	22.06	19.55	23.65	23.08

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	23.15	24.12	26.22	23.33	24.14	25.23	21.67	22.88	22.89	20.75	23.03	24.15
		1	1	23.23	24.37	28.00	23.51	24.26	27.70	21.99	23.06	26.30	20.69	22.85	27.00
		1	187	28.00	27.99	27.31	27.51	**28.70**	27.62	26.17	**27.70**	26.30	26.20	**28.00**	26.76
		1	188	25.46	26.61	26.68	25.24	26.16	25.52	24.38	24.84	22.86	23.11	24.69	23.74
		90	45	25.40	**28.70**	27.33	25.44	28.24	27.58	24.46	26.64	25.70	23.33	27.93	26.78
		180	0	25.38	28.14	26.98	25.32	28.30	27.59	24.41	26.61	25.34	23.28	27.67	26.77
	QPSK	1	0	22.53	23.63	26.17	22.91	23.63	25.13	21.04	22.21	22.84	20.29	22.52	24.14
		1	1	22.77	23.90	26.83	22.86	23.84	27.52	21.27	22.42	25.72	20.28	22.47	26.85
		1	187	27.32	27.05	26.46	27.70	28.30	27.54	26.02	26.52	24.30	26.11	**28.00**	26.75
		1	188	25.30	26.20	25.66	25.32	26.02	25.35	24.29	24.86	23.01	23.15	24.79	23.84
		90	45	24.32	**27.94**	26.65	24.38	**28.33**	27.68	23.54	26.58	25.05	22.30	27.67	26.82
		180	0	24.36	27.08	26.01	24.38	28.31	27.54	23.46	**26.62**	24.36	22.19	27.23	26.40
	16QAM	1	0	22.67	23.91	25.22	22.36	23.49	24.77	21.39	21.74	23.20	20.46	22.38	23.83
		1	1	22.85	23.98	26.42	22.64	23.50	27.06	21.67	22.05	25.02	20.36	22.40	26.28
		1	187	26.70	26.49	25.89	27.23	27.60	27.12	26.30	26.04	23.62	25.38	**27.23**	26.03
		1	188	25.49	25.72	25.12	25.07	25.83	25.32	24.43	24.31	22.89	23.15	24.62	23.66
		90	45	23.80	**27.30**	26.06	23.86	**28.27**	27.37	22.99	**26.58**	24.41	21.85	27.13	25.79
		180	0	23.81	26.39	25.31	23.86	27.55	26.87	22.93	26.42	23.64	21.77	26.20	25.28
	64QAM	1	0	21.94	23.13	25.49	22.36	23.08	25.29	20.87	21.51	23.00	20.06	22.21	24.20
		1	1	22.18	23.45	25.31	22.47	23.41	26.29	21.37	21.78	24.15	19.94	22.12	24.81
		1	187	25.17	25.61	24.96	26.35	**27.07**	26.04	25.38	25.80	22.40	24.31	**26.19**	24.50
		1	188	25.16	25.35	24.90	25.37	26.04	25.25	24.48	24.69	22.37	23.40	25.01	23.89
		90	45	23.87	**26.20**	25.00	23.92	26.98	25.85	23.01	25.87	23.33	21.81	25.81	24.38
		180	0	23.93	26.07	25.10	23.94	27.05	26.30	23.00	**25.88**	23.28	21.86	25.77	24.85
	256QAM	1	0	20.54	21.87	24.46	20.86	21.81	24.05	19.52	20.17	22.23	18.66	20.74	23.35
		1	1	20.78	21.89	24.65	20.91	21.98	24.25	19.72	20.70	22.45	18.87	20.70	23.26
		1	187	24.28	24.63	24.26	24.30	25.41	24.32	23.62	**23.97**	21.31	23.04	23.81	23.00
		1	188	23.80	24.37	24.05	24.47	**25.46**	24.25	23.39	23.90	21.40	22.77	**24.00**	23.12
		90	45	22.29	**25.01**	23.87	22.36	25.04	24.37	21.51	23.88	22.01	20.39	23.70	22.83
		180	0	22.30	24.95	23.92	22.36	25.05	24.39	21.45	23.91	22.04	20.37	23.67	22.93

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	23.09	24.17	25.75	23.51	23.99	25.14	22.76	23.70	24.07	21.02	22.97	24.25
		1	1	23.45	24.28	28.00	23.54	24.01	27.51	27.20	**27.70**	27.39	20.79	22.71	26.89
		1	215	28.00	27.93	26.94	27.50	**28.70**	27.70	27.21	27.68	26.11	26.17	27.89	26.70
		1	216	25.61	26.63	26.54	25.32	26.02	25.35	25.43	25.83	24.17	23.30	24.82	23.85
		108	54	25.36	**28.70**	26.98	25.50	28.21	27.55	25.65	27.68	27.01	26.80	**28.00**	26.99
		216	0	25.40	28.00	26.80	25.49	28.22	27.56	26.90	27.00	26.68	26.66	27.83	26.90
	QPSK	1	0	22.43	23.57	25.79	23.05	23.40	25.09	22.30	23.29	24.01	20.59	22.56	24.11
		1	1	22.61	23.96	27.01	23.06	23.57	27.57	26.90	**27.70**	27.03	20.36	22.46	27.00
		1	215	27.48	26.95	25.99	27.60	28.23	27.57	27.03	27.61	25.36	26.20	**27.79**	26.81
		1	216	25.64	26.08	25.33	25.36	26.17	25.30	25.31	25.91	24.31	23.34	24.64	23.89
		108	54	24.27	**27.86**	26.39	24.54	28.22	27.64	26.55	27.63	26.40	22.32	27.65	26.81
		216	0	24.38	27.02	25.77	24.55	**28.29**	27.56	26.60	27.00	25.69	25.60	27.27	26.40
	16QAM	1	0	22.68	23.13	25.81	22.92	23.82	25.25	21.87	22.92	24.02	20.51	22.51	23.61
		1	1	23.26	23.42	26.41	22.86	23.64	27.55	22.70	23.72	26.28	20.34	22.30	26.13
		1	215	27.04	26.21	25.63	27.70	**27.90**	27.33	**27.39**	26.91	24.56	25.83	**27.34**	25.90
		1	216	25.93	25.09	24.67	25.64	26.18	25.34	25.49	25.99	23.52	23.31	24.86	23.54
		108	54	23.94	**27.30**	25.76	23.92	27.55	27.44	26.60	26.50	25.71	21.93	27.26	25.88
		216	0	23.94	26.37	25.11	23.94	27.59	26.87	24.05	**27.39**	24.93	21.87	26.27	25.49
	64QAM	1	0	22.32	23.23	25.67	22.37	23.17	25.41	22.13	22.84	24.15	20.01	21.82	24.55
		1	1	22.41	23.36	25.71	22.67	23.31	26.56	22.10	23.38	25.41	20.02	21.66	25.25
		1	215	25.73	25.23	24.78	26.42	26.82	26.23	26.30	26.84	23.50	24.76	25.63	24.92
		1	216	25.71	25.19	24.77	25.52	26.28	25.62	25.54	26.22	23.60	23.32	24.70	23.73
		108	54	23.84	**26.15**	24.63	24.03	**27.05**	26.04	25.96	26.00	24.48	21.91	**25.78**	24.41
		216	0	23.86	26.06	24.79	23.91	26.99	26.31	24.00	**26.85**	24.51	21.83	25.67	25.08
	256QAM	1	0	20.81	21.53	24.14	20.89	21.70	24.20	20.40	21.07	23.52	18.79	20.68	23.76
		1	1	20.67	22.03	24.60	20.91	21.74	24.08	21.17	21.41	23.92	18.79	20.52	23.48
		1	215	24.49	24.39	23.37	24.44	25.23	24.48	24.81	**25.07**	24.00	22.73	**24.23**	23.60
		1	216	24.49	24.17	23.36	24.47	**25.43**	24.34	24.67	25.01	22.49	22.72	24.06	23.39
		108	54	22.30	**24.97**	23.48	22.46	24.98	24.29	22.56	24.93	23.25	20.36	23.67	22.99
		216	0	22.30	24.85	23.64	22.52	25.04	24.28	22.43	24.90	23.27	20.31	23.77	22.98

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	22.96	24.20	25.49	23.35	23.79	25.22	22.23	23.55	23.34	20.65	22.96	24.06
		1	1	23.17	24.53	28.00	23.50	24.13	27.48	22.38	23.98	26.95	20.32	22.87	27.00
		1	243	28.00	27.87	26.77	27.54	28.19	27.70	26.72	**27.70**	25.62	25.84	**28.00**	26.72
		1	244	25.38	26.70	26.35	25.48	25.97	25.58	24.85	25.91	23.85	22.79	24.72	23.49
		120	60	25.26	**28.70**	26.77	25.52	**28.70**	27.59	25.05	27.55	26.60	23.10	27.94	26.77
		243	0	25.26	28.04	26.53	25.48	28.19	27.55	24.98	27.56	26.16	22.93	27.80	26.68
	QPSK	1	0	22.30	23.38	25.38	22.86	23.23	25.18	21.79	23.12	23.42	20.05	22.51	24.00
		1	1	22.59	23.87	27.12	22.90	23.52	27.41	22.22	23.12	26.52	19.88	22.43	26.79
		1	243	27.25	26.84	25.90	27.70	28.21	27.58	26.76	**27.70**	24.90	25.86	**28.00**	26.76
		1	244	25.18	26.18	25.15	25.56	26.14	25.37	24.98	25.81	23.78	22.77	24.81	23.83
		120	60	24.28	**27.88**	26.08	24.48	28.21	27.63	24.24	27.58	26.02	22.14	27.69	26.73
		243	0	24.23	26.98	25.58	24.45	**28.22**	27.56	24.21	27.63	25.24	22.01	27.27	26.42
	16QAM	1	0	22.20	23.17	25.27	22.67	23.44	24.85	21.92	22.88	23.76	20.25	22.73	24.04
		1	1	22.38	23.72	26.55	22.83	23.34	27.38	22.03	23.13	25.84	20.41	22.40	26.49
		1	243	26.38	26.22	25.32	27.67	27.66	27.25	26.95	27.28	24.23	26.20	**27.24**	26.12
		1	244	25.52	25.27	24.63	25.27	25.88	25.28	25.35	25.58	23.26	23.34	25.17	23.76
		120	60	23.78	**27.27**	25.56	23.99	**28.30**	27.58	23.78	**27.63**	25.36	21.68	27.20	25.67
		243	0	23.78	26.31	24.93	23.94	27.61	26.95	23.68	27.24	24.50	21.48	26.28	25.38
	64QAM	1	0	21.77	22.99	25.77	22.95	22.79	24.91	21.28	22.42	23.47	19.89	21.97	23.98
		1	1	22.22	23.36	25.73	22.83	23.18	26.01	22.13	22.89	24.78	19.79	21.68	24.97
		1	243	25.39	25.32	24.44	26.65	**27.27**	25.90	26.10	26.61	23.16	24.30	25.48	24.64
		1	244	25.37	25.12	24.29	25.93	26.07	25.10	25.15	25.93	23.22	23.43	24.93	23.59
		120	60	23.78	**26.16**	24.47	23.95	27.15	26.17	23.81	26.82	24.25	21.63	**25.75**	24.26
		243	0	23.77	26.04	24.71	23.93	27.12	26.40	23.68	**26.91**	24.11	21.59	25.73	24.83
	256QAM	1	0	20.21	21.36	24.69	21.05	21.71	24.29	20.24	21.24	22.88	18.56	21.09	23.50
		1	1	20.43	21.95	24.70	21.23	21.99	24.70	20.23	21.49	23.03	18.67	20.64	23.57
		1	243	24.37	24.25	23.15	24.70	**25.47**	24.55	24.38	24.85	22.07	22.59	23.84	23.23
		1	244	24.27	24.21	23.69	24.72	25.39	24.62	24.57	**25.01**	22.03	22.70	**24.21**	23.28
		120	60	22.41	**24.97**	23.32	22.51	25.02	24.40	22.38	24.92	22.67	20.19	23.74	22.82
		243	0	22.33	24.82	23.49	22.53	25.06	24.41	22.23	24.89	22.76	20.01	23.69	22.83

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	23.25	24.06	23.89	23.33	23.95	22.79	22.38	23.86	21.81	20.86	22.99	22.35
		1	1	23.55	24.29	24.23	23.45	24.22	23.08	22.63	23.89	22.08	20.72	22.71	22.28
		1	271	28.00	27.72	27.68	27.46	**28.70**	27.70	26.81	**27.70**	26.07	26.20	**28.00**	26.96
		1	272	25.87	26.85	26.93	25.47	26.25	25.23	25.02	26.14	24.18	23.24	24.68	24.00
		135	67	25.80	**28.70**	27.32	25.32	28.17	27.50	25.07	**27.70**	27.02	23.30	27.93	27.00
		270	0	25.62	27.83	27.17	25.46	28.27	27.42	24.91	27.67	26.56	23.21	27.81	26.92
	QPSK	1	0	22.72	23.45	23.33	22.80	23.34	22.30	21.71	23.11	21.43	20.28	22.32	21.51
		1	1	23.09	23.98	23.76	22.81	23.35	22.65	22.15	23.68	21.94	20.33	22.12	21.60
		1	271	27.25	26.71	26.61	27.42	**28.37**	27.67	26.64	**27.64**	25.37	26.19	27.79	26.90
		1	272	25.82	26.05	25.74	25.18	26.01	25.13	24.82	25.92	24.23	23.12	24.68	23.83
		135	67	24.70	**27.64**	26.69	24.45	28.16	27.44	24.10	27.56	26.33	22.30	**27.86**	26.95
		270	0	24.72	26.73	26.17	24.29	28.19	27.46	23.97	27.55	25.58	22.22	27.20	26.52
	16QAM	1	0	22.80	23.85	23.36	22.96	23.49	22.39	21.73	22.78	21.35	20.41	22.49	21.73
		1	1	22.79	24.27	23.72	22.83	23.70	22.43	22.22	23.43	21.63	20.10	22.03	21.85
		1	271	26.73	26.42	26.10	27.70	28.00	27.20	27.02	**27.59**	24.74	25.81	26.98	26.47
		1	272	25.92	25.50	24.88	25.30	26.29	25.17	24.70	25.77	23.64	23.17	24.72	24.12
		135	67	24.15	**26.94**	26.04	23.81	**28.18**	27.46	23.58	27.25	25.67	21.72	**27.15**	25.97
		270	0	24.11	26.00	25.51	23.84	27.42	26.81	23.50	27.30	24.75	21.71	26.28	25.60
	64QAM	1	0	22.21	23.23	23.28	22.10	22.68	22.31	21.40	22.63	21.13	19.63	22.07	21.30
		1	1	22.37	23.60	23.34	22.36	23.16	22.23	21.76	22.96	21.07	19.40	21.79	20.85
		1	271	25.51	24.95	25.28	25.97	**27.02**	26.40	25.89	26.62	23.30	24.36	25.71	24.61
		1	272	25.43	24.95	24.74	25.09	26.06	25.76	24.94	26.13	23.44	23.10	24.74	24.18
		135	67	24.15	**25.79**	24.92	23.83	26.95	26.18	23.65	26.66	24.44	21.76	**25.76**	24.62
		270	0	24.18	25.67	25.21	23.79	26.84	26.25	23.53	**26.82**	24.38	21.65	25.74	25.18
	256QAM	1	0	20.75	22.02	21.77	20.87	21.46	20.80	19.60	21.09	19.71	18.88	20.97	19.99
		1	1	20.95	22.16	21.78	21.03	21.44	20.81	19.94	21.78	19.62	18.53	20.62	20.14
		1	271	24.52	24.04	23.64	24.15	**25.10**	24.74	24.05	**25.21**	22.33	22.62	24.00	23.10
		1	272	24.30	24.26	23.97	24.42	25.07	24.66	23.94	**25.21**	22.29	22.63	**24.17**	23.26
		135	67	22.71	**24.62**	23.74	22.38	24.87	24.29	22.07	24.84	23.11	20.20	23.71	23.13
		270	0	22.70	24.51	23.96	22.32	24.87	24.27	21.95	24.91	23.07	20.11	23.72	23.11

8.11. LTE BAND 48 AND 5G NR n48

LTE BAND 48

Test Engineer ID:	39004	Test Date:	11/9/2022

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	25.48	25.29	25.12	24.85	24.66	24.37	25.28	25.23	25.21	**24.44**	24.57	24.51
		1	12	**25.60**	**25.44**	**25.21**	**24.90**	**24.72**	**24.50**	**25.40**	**25.39**	**25.31**	24.23	**24.70**	**24.62**
		1	24	25.46	25.35	25.15	24.81	24.65	24.39	25.28	25.26	25.24	24.16	24.59	24.51
		12	0	24.80	24.67	24.44	24.16	24.04	23.76	24.65	24.61	24.58	23.21	23.91	23.88
		12	6	24.80	24.70	24.51	24.21	24.07	23.79	24.68	24.65	24.61	23.24	23.98	23.91
		12	11	24.77	24.68	24.49	24.20	24.04	23.77	24.65	24.62	24.59	23.18	23.92	23.88
		25	0	24.34	24.23	24.04	24.16	24.03	23.77	24.63	24.61	24.60	23.11	23.80	23.76
	16QAM	1	0	24.50	24.38	24.21	24.03	23.85	23.65	24.91	24.86	24.83	23.35	24.04	23.97
		1	12	**24.58**	**24.47**	**24.37**	**24.09**	**23.98**	**23.76**	**25.03**	**24.96**	**25.01**	**23.46**	**24.12**	**24.07**
		1	24	24.54	24.40	24.24	23.99	23.85	23.72	24.90	24.86	24.89	23.38	24.04	23.98
		12	0	23.44	23.28	23.06	22.82	22.68	22.35	23.77	23.63	23.65	22.13	22.75	22.80
		12	6	23.46	23.31	23.05	22.84	22.70	22.40	23.79	23.72	23.66	22.14	22.77	22.84
		12	11	23.47	23.30	23.05	22.79	22.70	22.38	23.74	23.65	23.62	22.10	22.75	22.83
		25	0	23.37	23.26	23.06	22.77	22.64	22.36	23.65	23.62	23.61	22.08	22.76	22.77
	64QAM	1	0	23.50	24.35	24.24	22.85	22.74	22.58	23.66	23.92	23.73	22.01	22.95	22.89
		1	12	**23.55**	**24.46**	**24.30**	**22.93**	**22.78**	**22.65**	**23.83**	**23.96**	**23.79**	**22.13**	**23.01**	**22.92**
		1	24	23.50	24.39	24.23	22.87	22.72	22.53	23.72	23.94	23.73	22.11	22.90	22.90
		12	0	22.40	23.22	23.22	21.75	21.63	21.42	22.53	22.63	22.61	20.98	21.84	21.77
		12	6	22.42	23.28	23.26	21.78	21.66	21.44	22.56	22.65	22.66	21.02	21.83	21.80
		12	11	22.38	23.24	23.23	21.73	21.62	21.43	22.54	22.66	22.63	20.99	21.82	21.78
		25	0	22.37	23.25	23.07	21.74	21.60	21.39	22.54	22.62	22.60	20.96	21.82	21.78
	256QAM	1	0	20.45	20.31	20.14	19.84	19.72	19.45	20.72	20.75	20.76	19.09	19.93	19.91
		1	12	**20.51**	**20.40**	**20.17**	**19.88**	**19.79**	**19.51**	**20.77**	**20.78**	**20.80**	**19.15**	**19.99**	**19.93**
		1	24	20.40	20.35	20.16	19.84	19.69	19.49	20.69	20.73	20.75	19.13	19.96	19.89
		12	0	20.36	20.27	20.07	19.71	19.63	19.39	20.53	20.63	20.62	18.99	19.81	19.74
		12	6	20.38	20.31	20.11	19.77	19.65	19.43	20.56	20.66	20.64	18.99	19.85	19.78
		12	11	20.35	20.29	20.07	19.73	19.63	19.41	20.54	20.63	20.60	19.02	19.83	19.77
		25	0	20.35	20.27	20.07	19.73	19.59	19.36	20.53	20.62	20.60	18.98	19.82	19.76

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	**25.60**	25.43	25.24	**24.90**	24.80	**24.51**	25.25	25.36	25.29	24.60	24.45	21.84
		1	24	25.55	**25.49**	25.28	**24.90**	**24.84**	24.48	25.26	**25.40**	25.34	**24.70**	**24.49**	21.87
		1	49	**25.60**	25.45	**25.29**	24.85	24.78	24.47	**25.27**	25.36	**25.37**	24.68	24.43	21.79
		25	0	24.90	24.81	24.60	24.26	24.16	23.87	24.60	24.73	24.62	23.97	23.79	21.83
		25	12	24.92	24.83	24.63	24.29	24.17	23.91	24.64	24.76	24.75	24.02	23.82	**21.94**
		25	24	24.90	24.81	24.62	24.17	24.14	23.89	24.62	24.74	24.75	24.00	23.81	21.90
		50	0	24.50	24.37	24.16	24.18	24.15	23.88	24.60	24.72	24.65	23.83	23.65	21.69
	16QAM	1	0	**24.64**	**24.55**	24.35	**24.16**	**24.03**	**23.72**	**24.95**	24.96	24.83	24.16	**24.01**	**22.04**
		1	24	**24.64**	24.44	24.29	24.09	24.02	23.58	24.92	24.97	**24.96**	**24.18**	23.99	**22.04**
		1	49	24.60	24.51	24.33	24.02	23.98	23.63	24.90	**25.03**	24.93	24.17	23.98	22.02
		25	0	23.50	23.38	23.20	22.85	22.75	22.50	23.64	23.78	23.65	22.85	22.69	21.74
		25	12	23.52	23.41	25.07	22.85	22.75	22.51	23.67	23.80	23.76	22.88	22.69	21.83
		25	24	23.51	23.44	**25.14**	22.74	22.76	22.49	23.67	23.79	23.76	22.88	22.67	21.81
		50	0	23.50	23.38	25.12	22.74	22.74	22.47	23.61	23.75	23.68	22.86	22.69	21.71
	64QAM	1	0	**24.64**	23.56	24.49	**22.96**	**22.85**	22.53	**23.79**	23.83	23.83	22.81	22.85	22.04
		1	24	24.63	**23.60**	24.49	22.94	22.83	22.54	23.77	**23.91**	23.86	22.87	**22.95**	**22.10**
		1	49	24.58	23.56	24.49	22.87	22.82	**22.56**	**23.79**	23.90	**23.88**	**23.00**	22.82	22.04
		25	0	23.51	22.36	24.48	21.84	21.74	21.50	22.63	22.75	22.67	21.86	21.68	21.68
		25	12	23.53	22.41	**24.86**	21.87	21.75	21.53	22.64	22.79	22.79	21.88	21.73	21.82
		25	24	23.52	22.41	**24.86**	21.76	21.76	21.52	22.63	22.77	22.76	21.89	21.71	21.76
		50	0	23.47	22.36	24.76	21.76	21.74	21.50	22.62	22.75	22.64	21.85	21.68	21.69
	256QAM	1	0	**20.53**	20.43	23.51	19.95	19.80	**19.58**	20.68	20.87	20.71	19.86	19.73	19.72
		1	24	20.52	**20.57**	23.51	**19.96**	**19.89**	**19.58**	**20.73**	**20.96**	20.88	**20.05**	**19.80**	**19.81**
		1	49	20.49	20.44	23.50	19.78	19.78	**19.58**	20.66	20.90	**20.89**	20.01	19.75	19.74
		25	0	20.48	20.32	23.49	19.84	19.74	19.50	20.60	20.73	20.63	19.86	19.70	19.65
		25	12	20.49	20.37	**23.62**	19.86	19.77	19.53	20.64	20.77	20.76	19.89	19.72	19.76
		25	24	20.48	20.41	23.57	19.76	19.75	19.52	20.61	20.76	20.75	19.88	19.70	19.72
		50	0	20.48	20.36	23.55	19.76	19.74	19.52	20.61	20.72	20.63	19.86	19.70	19.66

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	25.53	25.40	25.46	**24.90**	24.70	24.48	25.25	25.35	25.29	24.20	24.20	24.24
		1	37	**25.60**	**25.48**	**25.58**	24.88	**24.78**	24.48	**25.34**	**25.40**	**25.35**	24.28	24.22	24.25
		1	74	25.58	**25.48**	25.53	24.81	24.70	**24.50**	25.26	25.37	25.32	24.23	24.20	24.23
		36	0	24.95	24.88	24.86	24.26	24.15	23.91	24.63	24.76	24.65	24.31	**24.34**	24.30
		36	16	24.95	24.89	24.86	24.16	24.14	23.90	24.64	24.76	24.66	24.33	24.33	24.28
		36	35	24.95	24.90	24.95	24.15	24.13	23.91	24.64	24.77	24.76	**24.34**	24.32	**24.34**
		75	0	24.51	24.43	24.42	24.14	24.11	23.89	24.64	24.74	24.65	24.21	24.17	24.13
	16QAM	1	0	**24.89**	24.55	24.67	24.16	23.99	**23.78**	24.92	24.89	24.86	24.43	24.35	24.47
		1	37	**24.89**	**24.90**	24.73	**24.18**	**24.00**	23.69	**25.03**	**25.05**	**25.15**	**24.53**	24.39	**24.57**
		1	74	24.79	24.68	**24.83**	24.01	23.97	23.75	24.94	25.04	25.05	24.47	**24.44**	24.33
		36	0	23.54	23.47	23.45	22.85	22.73	22.51	23.67	23.77	23.68	24.23	24.21	24.16
		36	16	23.54	23.47	23.47	22.76	22.75	22.50	23.69	23.78	23.70	24.25	24.21	24.17
		36	35	23.53	23.48	23.55	22.74	22.74	22.49	23.70	23.80	23.78	24.25	24.19	24.26
		75	0	23.52	23.47	23.44	22.74	22.72	22.48	23.68	23.77	23.68	24.24	24.19	24.17
	64QAM	1	0	**23.65**	23.44	23.53	**22.87**	22.80	**22.52**	23.58	23.97	23.62	24.25	**24.24**	24.26
		1	37	23.60	23.50	**23.60**	22.84	**22.88**	22.51	**23.66**	24.11	**23.67**	24.23	24.22	**24.27**
		1	74	23.58	**23.51**	23.59	22.82	22.77	22.50	23.63	**24.16**	23.62	**24.28**	24.13	24.20
		36	0	22.55	22.45	22.44	21.83	21.72	21.44	22.65	22.77	22.66	24.10	24.10	24.11
		36	16	22.52	22.47	22.44	21.72	21.74	21.46	22.67	22.77	22.68	24.11	24.11	24.11
		36	35	22.53	22.50	22.55	21.71	21.73	21.45	22.66	22.79	22.77	24.15	24.09	24.18
		75	0	22.52	22.47	22.46	21.72	21.73	21.44	22.67	22.79	22.69	24.14	24.09	24.10
	256QAM	1	0	20.62	20.55	20.53	19.85	19.78	19.58	20.74	20.86	20.76	22.22	22.21	22.17
		1	37	20.61	20.59	20.63	**19.87**	**19.82**	19.58	20.77	20.86	20.88	22.28	**22.28**	**22.27**
		1	74	**20.69**	**20.71**	**20.69**	19.82	**19.82**	**19.60**	**20.81**	**21.01**	**20.99**	**22.34**	22.26	22.24
		36	0	20.51	20.43	20.44	19.80	19.71	19.44	20.64	20.75	20.64	22.08	22.10	22.11
		36	16	20.50	20.45	20.44	19.73	19.72	19.46	20.66	20.76	20.68	22.11	22.09	22.11
		36	35	20.51	20.46	20.53	19.69	19.70	19.44	20.65	20.77	20.76	22.14	22.08	22.15
		75	0	20.51	20.46	20.45	19.72	19.71	19.44	20.66	20.77	20.69	22.11	22.08	22.11

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	**25.60**	25.42	25.49	**24.90**	24.72	**24.53**	**25.30**	25.36	25.30	23.90	23.90	23.96
		1	49	25.50	25.44	**25.53**	24.84	**24.78**	24.50	25.28	**25.40**	25.34	23.95	23.90	23.94
		1	99	25.43	**25.48**	25.52	24.80	24.67	24.45	25.29	25.39	**25.35**	23.96	23.92	23.87
		50	0	24.91	24.83	24.83	24.23	24.10	23.88	24.68	24.76	24.66	24.03	24.03	23.97
		50	24	24.91	24.88	24.94	24.24	24.14	23.88	24.71	24.80	24.79	24.08	**24.04**	**24.06**
		50	49	24.89	24.89	24.95	24.22	24.12	23.87	24.72	24.82	24.80	**24.09**	24.02	24.03
		100	0	24.44	24.44	24.49	24.20	24.11	23.88	24.68	24.79	24.76	23.92	23.88	23.94
	16QAM	1	0	24.74	24.75	24.84	24.06	23.96	23.71	25.01	25.10	25.08	24.17	24.18	24.25
		1	49	**24.81**	**25.04**	**25.16**	**24.20**	**24.06**	**23.85**	**25.13**	**25.31**	**25.31**	**24.26**	**24.45**	**24.57**
		1	99	24.72	24.79	24.78	24.03	23.95	23.63	24.99	25.12	25.07	24.19	24.16	24.19
		50	0	23.47	23.42	23.43	22.81	22.70	22.46	23.70	23.79	23.68	23.91	23.89	23.85
		50	24	23.48	23.47	23.52	22.80	22.74	22.46	23.72	23.83	23.79	23.95	23.90	23.95
		50	49	23.48	23.49	23.52	22.81	22.72	22.44	23.70	23.82	23.81	23.96	23.88	23.92
		100	0	23.47	23.44	23.48	22.78	22.70	22.44	23.71	23.80	23.77	23.94	23.88	23.94
	64QAM	1	0	23.64	23.62	23.60	22.83	22.81	22.60	23.82	23.87	23.88	23.94	**23.97**	**24.00**
		1	49	**23.66**	**23.65**	**23.69**	**22.99**	**22.98**	**22.68**	23.82	**23.99**	23.91	**24.00**	**23.97**	23.97
		1	99	23.55	23.62	23.62	22.73	22.76	22.53	**23.85**	23.81	**23.93**	23.96	23.96	23.92
		50	0	22.46	22.40	22.39	21.77	21.70	21.42	22.68	22.76	22.68	23.76	23.86	23.77
		50	24	22.50	22.46	22.50	21.78	21.74	21.42	22.72	22.80	22.79	23.80	23.88	23.87
		50	49	22.46	22.45	22.52	21.76	21.71	21.41	22.73	22.81	22.80	23.81	23.85	23.83
		100	0	22.48	22.44	22.51	21.77	21.72	21.40	22.72	22.80	22.78	23.79	23.85	23.84
	256QAM	1	0	**20.60**	20.52	20.57	**20.01**	**19.90**	**19.59**	**20.84**	20.96	20.85	21.76	22.05	21.98
		1	49	20.52	20.51	20.64	19.93	19.84	19.51	20.78	20.97	20.93	21.80	22.02	**22.04**
		1	99	20.55	**20.61**	**20.68**	19.94	19.83	19.54	20.80	**21.01**	**21.02**	**21.86**	**22.08**	22.00
		50	0	20.47	20.41	20.40	19.76	19.69	19.42	20.67	20.77	20.66	21.74	21.84	21.77
		50	24	20.47	20.44	20.49	19.78	19.72	19.41	20.70	20.80	20.78	21.80	21.85	21.87
		50	49	20.46	20.46	20.47	19.76	19.70	19.39	20.70	20.81	20.79	21.80	21.85	21.82
		100	0	20.47	20.43	20.47	19.77	19.70	19.39	20.70	20.79	20.77	21.79	21.84	21.85

5G NR n48

Test Engineer ID:	29435	Test Date:	11/9/2022

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	25.07	24.99	24.83	24.72	24.83	24.79	25.15	25.09	24.96	24.56	**24.70**	24.69
		1	1	**25.60**	25.51	25.35	**24.90**	24.84	24.86	**25.40**	25.37	25.23	24.58	24.58	**24.70**
		1	22	25.25	**25.60**	**25.49**	**24.90**	24.80	**24.88**	24.92	**25.40**	**25.40**	24.62	24.53	24.62
		1	23	24.67	25.06	24.96	24.88	24.71	24.85	24.51	25.04	25.01	**24.70**	**24.70**	**24.70**
		12	6	25.29	25.46	25.44	24.78	**24.87**	24.78	25.21	**25.40**	**25.40**	24.66	**24.70**	**24.70**
		24	0	24.80	25.01	24.96	24.71	24.79	24.76	24.73	24.82	24.89	24.41	24.43	24.43
	QPSK	1	0	24.18	24.16	24.17	24.33	24.31	24.33	24.53	24.61	24.29	24.17	24.15	24.29
		1	1	**25.19**	25.20	25.24	24.85	24.81	**24.84**	**25.35**	**25.39**	25.09	24.67	**24.66**	24.50
		1	22	24.88	**25.33**	**25.33**	24.84	**24.87**	24.78	24.88	25.34	25.28	**24.69**	24.53	**24.69**
		1	23	23.81	24.34	24.31	24.27	24.15	24.21	23.98	24.53	24.43	24.25	24.28	24.07
		12	6	25.04	25.28	25.26	**24.87**	24.74	24.83	25.17	25.35	**25.38**	24.67	**24.66**	24.60
		24	0	24.05	24.30	24.23	24.20	24.23	24.16	24.23	24.35	24.38	23.91	23.93	23.88
	16QAM	1	0	23.19	23.34	23.00	23.31	23.39	23.57	23.66	23.42	23.32	23.14	23.26	22.97
		1	1	**24.14**	24.35	24.00	24.17	**24.42**	**24.31**	**24.41**	24.23	24.13	23.75	**24.09**	**23.91**
		1	22	23.83	**24.54**	24.11	24.19	24.06	23.88	23.96	24.25	24.31	23.70	24.08	23.80
		1	23	22.77	23.51	23.05	23.02	23.09	23.20	23.06	23.38	23.46	23.03	22.98	23.59
		12	6	23.99	24.16	**24.24**	**24.31**	24.35	24.06	24.27	**24.43**	**24.42**	**23.89**	23.96	23.74
		24	0	23.00	23.30	23.19	23.13	23.25	23.14	23.23	23.37	23.42	22.86	22.98	22.84
	64QAM	1	0	**22.60**	22.64	22.46	**22.94**	22.78	22.71	**22.79**	**23.04**	22.97	22.96	**22.80**	**22.91**
		1	1	22.58	22.64	22.47	22.39	22.74	22.50	22.56	22.85	22.77	22.56	22.58	22.73
		1	22	22.25	**22.82**	22.54	22.51	22.70	22.57	22.09	22.84	22.98	22.60	22.53	22.63
		1	23	22.19	22.74	22.54	22.45	22.71	**22.79**	22.23	**23.04**	**23.10**	**23.05**	22.79	22.83
		12	6	22.43	22.72	**22.73**	22.74	22.80	22.59	22.66	22.82	22.95	22.42	22.33	22.37
		24	0	22.51	22.73	22.69	22.59	**22.82**	22.59	22.78	22.88	22.99	22.37	22.44	22.41
	256QAM	1	0	**20.67**	20.72	20.55	20.62	20.98	**21.09**	**21.21**	**21.27**	21.10	**20.92**	20.68	20.32
		1	1	20.66	20.76	20.51	20.50	**21.05**	20.75	20.99	21.09	20.92	20.68	20.62	20.66
		1	22	20.35	**20.88**	20.66	20.72	20.75	20.65	20.53	21.11	21.08	20.64	20.23	20.29
		1	23	20.26	20.81	20.63	**20.90**	21.03	20.49	20.64	21.24	**21.27**	20.54	**20.82**	**20.77**
		12	6	20.49	20.79	**20.71**	20.66	20.86	20.70	20.81	20.94	21.09	20.40	20.42	20.37
		24	0	20.42	20.76	20.67	20.67	20.75	20.51	20.59	20.80	20.89	20.44	20.36	20.31

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	25.02	24.96	24.14	24.71	24.87	24.61	25.08	25.03	24.06	**24.70**	24.65	24.59
		1	1	**25.60**	25.51	**24.60**	**24.90**	**24.90**	**24.86**	**25.40**	**25.40**	**24.53**	24.51	24.59	**24.70**
		1	36	25.55	25.41	24.46	24.86	24.65	24.85	25.38	25.29	24.40	24.51	24.61	24.59
		1	37	25.08	25.00	23.95	24.65	24.58	24.64	25.05	24.98	23.97	**24.70**	**24.70**	**24.70**
		18	9	25.52	**25.60**	24.50	24.81	24.86	24.75	**25.40**	25.39	24.49	24.65	**24.70**	**24.70**
		36	0	22.00	25.03	21.00	22.00	24.66	20.98	22.00	24.94	**21.00**	21.20	24.50	**20.20**
	QPSK	1	0	24.39	24.41	23.36	24.25	24.30	24.09	24.55	24.48	23.61	24.20	24.10	24.18
		1	1	25.32	**25.38**	**24.28**	24.81	24.83	**24.84**	25.35	25.28	**24.60**	24.51	24.60	**24.65**
		1	36	**25.34**	25.33	24.15	24.81	24.63	**24.84**	**25.38**	25.17	24.42	24.60	**24.61**	24.61
		1	37	24.34	24.35	23.22	24.06	24.06	24.09	24.42	24.46	23.49	24.27	24.27	24.10
		18	9	25.33	25.27	24.20	**24.83**	**24.84**	24.75	25.32	**25.35**	24.49	**24.63**	24.56	**24.65**
		36	0	21.98	24.33	20.98	21.98	24.12	20.77	22.00	24.37	21.00	**21.20**	23.93	**20.20**
	16QAM	1	0	23.36	23.53	22.51	23.17	23.20	23.15	23.35	23.73	23.10	22.96	23.19	23.10
		1	1	24.40	**24.49**	**23.54**	**24.55**	**24.37**	**24.27**	24.19	**24.59**	**23.92**	23.79	23.78	23.89
		1	36	24.28	24.39	23.41	24.00	23.84	23.80	24.15	24.46	**23.92**	23.75	23.75	**24.07**
		1	37	23.24	23.28	22.54	23.05	23.33	23.25	23.31	23.99	22.94	23.19	23.02	23.12
		18	9	**24.43**	24.38	23.37	24.21	24.16	24.13	**24.28**	24.35	23.58	**23.94**	**24.01**	23.74
		36	0	22.00	23.32	21.00	21.99	23.07	21.00	21.98	23.37	20.89	**21.20**	22.93	**20.20**
	64QAM	1	0	**22.96**	**23.20**	22.03	22.50	22.60	22.53	22.58	**22.93**	21.78	22.71	**22.97**	22.55
		1	1	22.84	22.96	22.11	22.57	22.55	22.65	22.31	22.78	21.74	22.55	22.85	22.49
		1	36	22.83	22.98	22.03	22.45	22.21	**22.81**	22.46	22.51	21.67	22.36	22.22	22.53
		1	37	22.92	22.93	**22.16**	22.38	22.12	22.65	22.52	22.85	21.73	**22.90**	22.85	**22.78**
		18	9	22.83	22.91	21.94	**22.65**	**22.68**	22.61	**22.69**	22.87	**21.94**	22.36	22.35	22.25
		36	0	21.89	22.74	20.89	20.00	22.60	21.00	20.00	22.90	21.00	**21.20**	22.39	**20.20**
	256QAM	1	0	21.04	**20.95**	19.98	**20.87**	**20.73**	20.87	**21.06**	20.83	19.73	**20.82**	**20.88**	20.36
		1	1	20.90	20.77	19.93	20.71	20.67	20.72	20.87	**20.93**	19.90	20.62	20.48	20.62
		1	36	20.77	20.74	19.85	20.59	20.68	20.52	20.63	20.71	19.64	20.22	20.75	20.62
		1	37	20.67	20.55	20.03	20.65	20.46	20.61	21.02	20.79	19.65	20.76	20.59	**21.05**
		18	9	20.67	20.79	19.96	20.72	20.68	20.66	20.67	20.85	19.81	20.51	20.35	20.48
		36	0	**22.00**	20.79	**21.00**	20.00	20.66	**21.00**	**20.00**	20.82	**21.00**	**21.20**	20.47	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	25.09	24.80	24.05	24.13	24.52	24.58	24.87	24.82	23.90	23.95	24.26	24.27
		1	1	**25.60**	25.28	**24.60**	**24.33**	**24.76**	**24.90**	**25.37**	25.35	**24.40**	24.15	**24.40**	**24.70**
		1	49	25.15	**25.60**	24.58	24.27	24.56	24.63	24.53	**25.40**	24.37	**24.27**	24.35	24.50
		1	50	24.62	25.12	24.10	24.12	24.43	24.32	24.04	24.90	23.83	24.09	24.19	24.34
		25	12	25.18	25.29	24.52	24.27	24.58	24.64	24.86	25.23	24.20	24.17	24.37	24.50
		50	0	21.98	24.77	21.00	**22.00**	24.42	21.00	21.99	24.70	**21.00**	21.20	24.14	**20.20**
	QPSK	1	0	24.30	24.01	23.32	23.34	23.86	23.98	24.21	24.16	23.15	23.24	23.58	23.73
		1	1	**25.30**	25.08	**24.37**	**24.14**	**24.52**	**24.60**	**25.20**	25.17	**24.11**	**24.00**	**24.31**	24.47
		1	49	24.82	**25.36**	24.33	23.91	24.42	24.49	24.34	**25.20**	24.08	23.97	24.26	**24.50**
		1	50	23.81	24.33	23.30	23.33	23.72	23.61	23.31	24.17	23.08	23.31	23.58	23.74
		25	12	24.97	25.04	24.24	24.03	24.47	24.31	24.64	25.00	23.99	23.91	24.18	24.33
		50	0	22.00	24.09	20.98	**22.00**	23.73	**21.00**	22.00	24.05	**21.00**	**21.20**	23.45	**20.20**
	16QAM	1	0	23.54	22.91	22.46	22.41	22.79	22.93	23.28	23.12	22.25	22.47	22.76	22.74
		1	1	**24.49**	23.88	23.47	23.45	**23.90**	**23.69**	**24.31**	**24.17**	**23.31**	23.08	**23.87**	**23.89**
		1	49	24.05	**24.25**	**23.48**	**23.60**	23.56	23.32	23.43	24.15	23.17	**23.33**	23.39	23.58
		1	50	23.01	23.22	22.49	21.97	22.33	22.77	22.43	23.17	22.18	22.14	22.29	22.44
		25	12	23.93	24.03	23.26	23.31	23.70	23.65	23.60	23.95	23.01	23.21	23.20	23.59
		50	0	22.00	23.02	21.00	**22.00**	22.73	**21.00**	22.00	23.06	**21.00**	**21.20**	22.08	**20.20**
	64QAM	1	0	**22.51**	22.51	21.51	21.73	**22.44**	22.22	**22.52**	22.70	**21.60**	22.09	21.87	22.34
		1	1	22.50	22.51	21.47	21.82	22.24	22.08	22.49	22.70	21.59	22.12	**21.97**	**22.47**
		1	49	22.02	**22.79**	21.47	21.68	22.02	21.91	21.66	**22.73**	21.55	21.89	21.70	22.33
		1	50	21.97	22.77	21.48	21.52	22.17	**22.32**	21.64	**22.73**	21.58	**22.24**	21.63	22.32
		25	12	22.42	22.53	**21.72**	21.80	22.35	**22.32**	22.20	22.58	21.48	21.76	21.62	22.03
		50	0	21.99	22.54	21.00	**22.00**	22.31	**21.00**	22.00	22.54	**21.00**	**21.20**	21.64	20.20
	256QAM	1	0	20.71	20.47	19.77	19.80	20.26	**20.49**	20.86	20.77	19.85	19.76	19.84	**20.34**
		1	1	20.70	20.47	19.74	19.87	**20.54**	20.12	20.83	20.73	**19.86**	19.83	**20.06**	20.31
		1	49	20.21	**20.76**	19.69	20.12	20.43	20.37	19.93	20.77	19.77	19.90	19.85	20.17
		1	50	20.21	20.75	19.68	19.92	20.32	19.84	19.93	**20.79**	19.79	**19.92**	19.74	20.21
		25	12	20.36	20.46	19.65	19.89	20.36	20.16	20.09	20.40	19.37	19.70	19.59	19.96
		50	0	**22.00**	20.52	**21.00**	**22.00**	20.29	**21.00**	**22.00**	20.51	**21.00**	**21.20**	19.68	20.12

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	25.10	24.73	24.02	23.62	24.48	24.76	24.59	24.75	23.82	23.26	24.28	24.16
		1	1	**25.60**	25.24	**24.56**	**23.75**	**24.80**	**24.90**	**25.18**	25.26	**24.30**	23.43	**24.37**	24.46
		1	76	25.20	**25.57**	24.09	23.56	24.57	24.74	24.81	**25.40**	23.69	**23.54**	24.23	**24.70**
		1	77	24.76	25.12	23.60	23.26	24.49	24.59	24.35	24.90	23.20	23.15	23.93	24.21
		36	18	25.14	25.15	24.12	23.58	24.68	24.88	24.69	24.95	23.71	23.43	24.24	24.42
		75	0	20.00	24.68	19.00	20.00	24.39	18.98	20.00	24.49	19.00	19.20	24.05	18.18
	QPSK	1	0	24.34	24.06	23.38	22.83	23.92	24.04	24.15	24.06	23.20	22.61	23.63	23.56
		1	1	**25.36**	25.06	**24.38**	**23.40**	**24.44**	**24.55**	**25.20**	25.07	**24.20**	23.18	**24.41**	**24.50**
		1	76	24.98	**25.38**	23.90	23.31	24.37	24.44	24.80	**25.20**	23.54	**23.36**	23.98	24.30
		1	77	23.96	24.42	22.91	22.50	23.68	23.79	23.77	24.26	22.53	22.60	23.39	23.51
		36	18	24.90	24.89	23.87	23.31	24.41	24.47	24.68	24.75	23.54	23.22	24.17	24.16
		75	0	20.00	23.92	19.00	20.00	23.71	18.95	20.00	23.84	18.97	19.20	23.38	18.20
	16QAM	1	0	23.38	23.12	22.46	22.12	23.27	22.76	23.37	23.22	22.34	21.57	22.81	22.37
		1	1	**24.40**	24.13	**23.42**	**22.92**	**23.97**	23.63	**24.36**	24.23	**23.34**	**22.60**	**23.88**	23.49
		1	76	24.03	**24.50**	23.01	22.55	23.43	**23.86**	23.84	**24.29**	22.67	22.49	23.20	**23.62**
		1	77	23.00	23.49	22.03	21.35	22.78	22.68	22.92	23.32	21.68	21.45	22.33	22.64
		36	18	23.86	23.91	22.85	22.52	23.76	23.85	23.66	23.74	22.51	22.36	23.44	23.42
		75	0	19.99	22.92	19.00	20.00	22.78	19.00	19.69	22.82	19.00	19.18	22.38	18.13
	64QAM	1	0	**22.63**	22.18	21.67	21.10	22.01	**22.69**	**22.61**	22.47	**21.39**	**21.49**	**22.44**	22.31
		1	1	22.62	22.18	**21.70**	**21.20**	22.05	22.47	22.56	22.46	**21.39**	20.96	22.32	22.23
		1	76	22.26	22.56	21.17	20.83	22.11	22.52	22.08	**22.58**	20.71	21.01	22.05	**22.41**
		1	77	22.28	**22.59**	21.15	20.80	**22.56**	22.42	22.10	22.52	20.74	21.30	22.09	22.22
		36	18	22.35	22.36	21.37	21.16	22.18	22.53	22.16	22.20	20.96	20.92	21.86	21.90
		75	0	19.89	22.47	18.98	20.00	22.37	18.99	19.99	22.29	18.99	19.20	21.87	18.20
	256QAM	1	0	20.46	20.20	19.63	19.44	20.35	**20.63**	**20.95**	20.47	**19.68**	19.02	**20.31**	20.14
		1	1	**20.48**	20.19	**19.65**	19.36	**20.53**	20.59	20.92	20.48	19.60	19.14	20.28	20.05
		1	76	20.08	**20.54**	19.20	19.17	20.30	20.58	20.45	20.53	18.93	19.00	20.00	**20.26**
		1	77	20.07	**20.54**	19.22	19.02	20.31	20.61	20.39	**20.55**	18.94	19.15	19.82	19.94
		36	18	20.32	20.33	19.33	19.12	20.26	20.43	20.10	20.09	18.84	18.95	19.77	19.82
		75	0	20.00	20.39	19.00	**20.00**	20.18	19.00	20.00	20.21	19.00	**19.20**	19.78	18.20

OUTPUT POWER FOR 5G NR n48 (40.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 7			ANT 8			ANT 9			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	25.05	24.51	24.08	23.89	24.33	24.75	24.74	24.48	23.86	24.09	23.91	24.04
		1	1	**25.54**	25.05	**24.60**	24.05	**24.69**	**24.90**	25.12	24.99	**24.37**	24.13	**24.12**	24.22
		1	104	25.50	**25.60**	23.83	**24.24**	24.51	24.62	**25.40**	**25.29**	23.21	23.80	23.67	**24.27**
		1	105	24.98	25.13	23.36	23.96	24.38	24.46	24.86	24.82	22.73	23.60	23.65	24.26
		50	25	25.09	24.85	23.79	24.02	24.45	24.57	24.62	24.51	23.31	**24.70**	23.79	24.15
		100	0	20.00	24.44	19.00	20.00	24.28	19.00	20.00	24.16	19.00	19.20	23.55	18.18
	QPSK	1	0	24.38	23.75	23.34	23.19	23.79	23.98	24.07	23.91	23.19	23.60	23.25	23.09
		1	1	**25.38**	24.76	**24.31**	23.94	24.25	**24.51**	24.99	24.91	**24.20**	**24.50**	**23.87**	23.96
		1	104	25.28	**25.32**	23.47	**23.96**	**24.26**	24.33	**25.20**	**25.20**	23.05	24.09	23.76	**24.00**
		1	105	24.29	24.33	22.42	23.34	23.68	23.63	24.17	24.22	22.06	23.50	22.71	23.29
		50	25	24.87	24.64	23.57	23.81	24.25	24.36	24.45	24.34	23.15	24.09	23.61	23.68
		100	0	19.90	23.70	18.99	20.00	23.48	19.00	19.92	23.46	18.85	19.18	22.85	18.20
	16QAM	1	0	23.15	22.94	22.22	22.17	22.88	22.55	23.25	22.96	22.07	23.09	22.25	22.13
		1	1	**24.14**	23.94	**23.21**	**23.64**	23.39	23.78	24.12	23.92	**23.07**	**23.55**	**23.44**	22.86
		1	104	24.08	**24.54**	22.39	23.40	**23.47**	**23.98**	**24.29**	**24.24**	21.94	22.86	22.58	**23.13**
		1	105	23.10	23.50	21.37	22.17	22.40	22.64	23.26	23.22	20.92	22.11	21.85	22.31
		50	25	23.84	23.61	22.57	23.06	23.44	23.64	23.37	23.34	22.10	23.20	22.75	22.90
		100	0	20.00	22.71	19.00	19.88	22.47	18.69	20.00	22.44	19.00	19.20	21.80	18.20
	64QAM	1	0	**22.53**	22.31	**21.66**	21.64	**22.21**	**22.42**	22.13	22.09	**21.59**	**22.25**	**21.98**	21.60
		1	1	**22.53**	22.30	**21.66**	21.68	22.14	22.09	21.96	22.07	21.57	**22.25**	21.81	21.40
		1	104	22.48	22.88	20.84	**21.86**	21.97	22.18	**22.14**	22.30	20.42	22.20	21.26	21.74
		1	105	22.48	**22.89**	20.86	21.55	21.91	22.16	22.12	**22.32**	20.44	21.96	21.26	**21.78**
		50	25	22.37	22.12	21.07	21.59	22.07	22.29	21.84	21.79	20.60	21.84	21.36	21.50
		100	0	19.89	22.23	18.95	20.00	22.14	18.85	20.00	21.91	19.00	19.19	21.45	18.20
	256QAM	1	0	**20.62**	20.06	**19.76**	19.81	**20.42**	**20.87**	20.49	20.02	**19.53**	20.40	19.57	**20.00**
		1	1	20.59	20.03	19.74	19.49	20.31	20.77	20.36	19.98	19.47	**20.47**	**20.01**	19.49
		1	104	20.53	**20.58**	18.95	19.52	19.97	20.35	20.50	20.27	18.33	19.93	19.58	19.57
		1	105	20.55	20.57	18.95	**20.00**	20.11	20.47	**20.51**	**20.30**	18.36	20.01	19.79	19.75
		50	25	20.36	20.07	18.95	19.71	20.15	20.18	19.76	19.65	18.51	19.58	19.37	19.29
		100	0	20.00	20.16	19.00	19.99	20.14	19.00	20.00	19.85	19.00	19.20	19.52	18.20

8.12. LTE BAND 66 AND 5G NR n66

LTE BAND 66

Test Engineer ID:	39004	Test Date:	11/9/2022

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	25.66	25.60	25.62	25.64	25.57	25.58	25.42	25.44	25.44	25.11	25.18	25.15
		1	2	25.68	**25.70**	25.65	25.60	25.64	25.61	**25.50**	25.46	25.48	**25.20**	25.18	25.18
		1	5	**25.70**	25.63	25.62	25.64	25.58	25.65	25.45	25.43	25.47	25.13	**25.20**	25.18
		3	0	25.63	25.66	25.65	25.63	25.65	25.63	25.46	**25.50**	25.45	25.11	25.18	25.16
		3	1	25.66	25.65	25.67	25.68	25.69	25.65	25.47	**25.50**	**25.50**	25.13	25.17	**25.20**
		3	2	25.68	25.67	**25.70**	**25.70**	**25.70**	**25.70**	25.45	25.49	25.48	25.10	25.17	**25.20**
		6	0	24.93	24.98	24.94	24.97	24.94	24.95	24.55	24.58	24.57	24.39	24.46	24.46
	16QAM	1	0	25.09	25.11	25.12	25.29	25.35	25.31	24.90	24.76	24.72	24.62	24.77	24.75
		1	2	25.18	**25.26**	25.16	25.21	25.37	**25.44**	24.90	24.79	24.77	24.65	24.80	**24.89**
		1	5	25.16	25.20	25.11	25.23	25.34	25.42	**24.93**	24.82	24.77	24.67	24.84	24.80
		3	0	25.06	25.12	25.13	25.11	25.18	25.28	24.75	24.72	24.69	24.53	24.66	24.63
		3	1	25.05	25.12	25.15	25.09	25.21	25.27	24.79	24.75	24.72	24.60	24.64	24.69
		3	2	25.06	25.12	25.16	25.09	25.18	25.28	24.80	24.74	24.70	24.56	24.67	24.68
		6	0	23.96	24.01	23.99	24.16	24.00	24.08	23.65	23.63	23.61	23.49	23.44	23.51
	64QAM	1	0	24.05	24.28	24.21	24.20	24.13	24.19	23.71	23.81	23.70	23.49	23.50	23.77
		1	2	24.17	24.16	**24.37**	**24.40**	24.17	24.23	**23.89**	23.81	23.75	23.57	23.66	**23.80**
		1	5	24.16	24.17	24.21	24.25	23.98	24.24	23.71	23.77	23.73	23.45	23.59	23.67
		3	0	24.12	24.10	24.04	24.06	24.04	24.02	23.35	23.44	23.61	23.44	23.62	23.59
		3	1	24.09	24.18	24.11	24.04	24.05	24.06	23.38	23.48	23.60	23.46	23.63	23.59
		3	2	24.09	24.10	24.05	24.05	24.05	24.05	23.37	23.50	23.58	23.45	23.64	23.57
		6	0	22.98	22.93	23.04	23.02	22.97	22.92	22.55	22.56	22.62	22.44	22.49	22.40
	256QAM	1	0	21.00	21.09	21.12	**21.10**	21.00	20.94	20.82	20.71	20.66	20.50	20.56	20.52
		1	2	21.01	**21.13**	21.11	**21.10**	21.00	21.03	20.84	20.77	20.76	20.53	20.56	20.52
		1	5	20.98	21.08	21.05	**21.10**	20.85	20.94	**20.85**	20.62	20.72	20.55	**20.57**	20.52
		3	0	21.01	20.98	20.95	21.05	20.93	20.89	20.61	20.73	20.78	20.47	20.52	20.50
		3	1	21.02	21.00	20.95	21.07	20.93	20.89	20.65	20.78	20.81	20.50	20.53	20.50
		3	2	21.00	21.00	20.96	21.08	20.92	20.90	20.59	20.77	20.82	20.49	20.54	20.48
		6	0	20.97	20.87	21.08	20.95	20.85	20.96	20.48	20.53	20.54	20.47	20.49	20.54

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	25.59	25.58	25.58	25.56	25.65	25.50	25.38	25.34	25.42	25.04	25.09	25.08
		1	7	**25.70**	**25.70**	**25.70**	**25.70**	**25.70**	**25.70**	**25.50**	**25.50**	**25.50**	**25.20**	**25.20**	**25.20**
		1	14	25.59	25.58	25.56	25.66	25.57	25.63	25.40	25.42	25.42	25.14	25.11	25.10
		8	0	24.97	25.00	24.97	24.95	24.98	24.91	24.56	24.63	24.61	24.49	24.46	24.47
		8	4	25.01	25.01	25.01	25.02	25.00	24.98	24.61	24.70	24.66	24.51	24.49	24.50
		8	7	25.01	25.03	24.99	25.05	24.99	25.00	24.60	24.70	24.65	24.52	24.49	24.49
		15	0	24.94	24.97	24.95	25.03	25.00	24.99	24.56	24.64	24.61	24.47	24.44	24.46
	16QAM	1	0	25.14	25.28	25.31	25.31	25.40	25.27	24.80	24.84	24.93	24.77	24.71	24.78
		1	7	25.36	25.39	**25.40**	25.25	25.41	25.40	24.93	**25.08**	**25.08**	**24.92**	24.77	24.86
		1	14	25.17	25.28	25.27	25.20	25.32	**25.44**	24.81	24.96	24.96	24.86	24.73	24.71
		8	0	24.01	24.02	24.04	24.11	24.10	24.04	23.64	23.69	23.65	23.58	23.54	23.56
		8	4	24.05	24.03	24.09	24.18	24.11	24.11	23.68	23.75	23.71	23.63	23.59	23.60
		8	7	24.06	24.04	24.08	24.18	24.09	24.13	23.68	23.75	23.72	23.60	23.59	23.59
		15	0	23.96	23.99	23.99	24.10	24.02	24.04	23.62	23.69	23.64	23.52	23.52	23.51
	64QAM	1	0	24.15	24.01	24.19	24.16	24.21	24.16	23.56	**24.00**	23.73	23.65	23.51	23.53
		1	7	**24.37**	24.26	24.23	24.21	24.15	**24.26**	23.68	23.88	23.77	**23.79**	23.66	23.71
		1	14	24.21	24.18	24.18	24.20	24.02	24.17	23.81	23.77	23.72	23.68	23.64	23.64
		8	0	23.05	22.96	22.96	23.02	23.02	22.94	22.60	22.69	22.68	22.54	22.52	22.49
		8	4	23.07	22.98	23.01	23.09	23.00	22.99	22.61	22.74	22.70	22.58	22.57	22.54
		8	7	23.07	23.00	23.00	23.08	22.99	22.99	22.61	22.76	22.71	22.58	22.53	22.52
		15	0	23.03	22.98	22.99	23.03	22.96	22.95	22.60	22.70	22.67	22.52	22.47	22.43
	256QAM	1	0	20.89	20.92	21.08	21.02	21.05	20.89	20.63	20.45	20.76	20.48	20.38	20.50
		1	7	21.07	21.12	**21.17**	**21.20**	21.10	21.06	20.70	20.77	**20.82**	**20.67**	20.57	20.58
		1	14	20.99	21.05	21.02	21.07	20.98	20.96	20.71	20.70	20.80	20.58	20.52	20.47
		8	0	20.98	20.97	20.98	20.94	20.99	20.85	20.63	20.67	20.64	20.51	20.42	20.41
		8	4	21.02	21.01	21.01	21.01	20.99	20.90	20.68	20.71	20.67	20.53	20.50	20.50
		8	7	20.98	20.97	21.00	20.99	20.95	20.95	20.62	20.73	20.70	20.55	20.45	20.47
		15	0	20.97	20.91	20.95	20.97	20.94	20.88	20.59	20.64	20.63	20.48	20.44	20.43

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	25.43	25.56	25.58	25.57	25.56	25.63	25.35	25.34	25.39	25.08	25.09	25.08
		1	12	**25.70**	**25.70**	**25.70**	**25.70**	**25.70**	**25.70**	**25.50**	**25.50**	**25.50**	**25.20**	**25.20**	**25.20**
		1	24	25.57	25.67	25.65	25.66	25.64	25.61	25.39	25.43	25.40	25.07	25.10	25.02
		12	0	24.82	25.09	25.03	24.91	24.91	24.95	24.55	24.49	24.54	24.36	24.45	24.40
		12	6	24.95	25.13	25.09	24.95	24.94	24.97	24.57	24.55	24.55	24.46	24.49	24.41
		12	11	24.94	25.10	25.04	24.94	24.94	24.91	24.53	24.53	24.52	24.43	24.45	24.39
		25	0	24.90	25.07	25.02	24.92	24.91	24.94	24.54	24.50	24.53	24.43	24.45	24.42
	16QAM	1	0	25.19	25.33	25.37	25.21	25.20	25.28	24.87	24.75	24.82	24.75	24.67	24.69
		1	12	25.34	**25.50**	25.48	**25.40**	25.35	25.36	24.96	**25.00**	24.99	**24.89**	24.86	24.80
		1	24	25.19	25.34	25.40	25.26	25.27	25.24	24.87	24.83	24.83	24.80	24.76	24.68
		12	0	23.90	24.13	24.14	23.92	23.89	23.90	23.59	23.62	23.71	23.38	23.54	23.47
		12	6	24.02	24.16	24.17	23.97	23.91	23.92	23.64	23.68	23.75	23.52	23.59	23.51
		12	11	24.00	24.14	24.12	23.92	23.89	23.87	23.60	23.68	23.72	23.48	23.58	23.49
		25	0	23.93	24.11	24.08	23.95	23.96	23.95	23.55	23.56	23.55	23.43	23.48	23.43
	64QAM	1	0	24.91	25.07	25.18	23.91	23.86	23.96	23.64	23.69	23.75	23.58	23.69	23.58
		1	12	25.09	25.23	**25.36**	24.02	24.00	**24.07**	23.72	23.75	**23.78**	**23.79**	23.74	23.66
		1	24	24.93	25.13	25.25	24.00	24.06	23.97	23.63	23.72	23.74	23.71	23.72	23.58
		12	0	23.70	23.95	24.00	22.93	22.91	22.96	22.52	22.51	22.56	22.39	22.34	22.48
		12	6	23.80	23.98	24.04	22.99	22.93	22.98	22.58	22.58	22.60	22.50	22.38	22.51
		12	11	23.78	23.94	23.99	22.96	22.92	22.95	22.55	22.57	22.56	22.48	22.35	22.45
		25	0	23.77	23.95	24.10	22.92	22.91	22.92	22.53	22.54	22.56	22.45	22.45	22.43
	256QAM	1	0	20.80	21.03	21.14	20.85	20.87	20.96	20.60	20.52	20.65	20.48	20.46	20.47
		1	12	20.96	**21.18**	21.17	20.98	**21.02**	20.99	20.70	20.68	**20.71**	**20.64**	20.63	20.50
		1	24	20.89	21.12	21.13	20.99	20.93	20.96	20.67	20.61	20.68	20.49	20.59	20.44
		12	0	20.67	20.93	21.07	20.90	20.90	20.89	20.54	20.51	20.55	20.35	20.45	20.43
		12	6	20.76	20.96	21.09	20.95	20.92	20.95	20.58	20.55	20.57	20.45	20.48	20.44
		12	11	20.77	20.94	21.10	20.95	20.90	20.89	20.53	20.55	20.55	20.43	20.45	20.42
		25	0	20.75	20.94	21.06	20.90	20.90	20.92	20.53	20.50	20.54	20.45	20.46	20.41

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	25.62	25.60	25.61	25.61	25.59	25.66	25.49	25.41	25.48	25.14	25.13	25.14
		1	24	**25.70**	25.68	25.69	**25.70**	**25.70**	**25.70**	**25.50**	**25.50**	**25.50**	**25.20**	**25.20**	**25.20**
		1	49	25.68	**25.70**	**25.70**	25.67	25.68	25.61	25.48	**25.50**	25.47	25.13	25.14	25.10
		25	0	25.03	25.03	25.02	24.95	24.88	24.91	24.62	24.57	24.55	24.41	24.45	24.41
		25	12	25.12	25.15	25.05	24.98	24.99	24.88	24.70	24.69	24.59	24.50	24.55	24.46
		25	24	25.12	25.12	25.13	24.97	25.04	24.96	24.68	24.68	24.66	24.50	24.50	24.50
		50	0	25.11	25.14	25.09	24.99	24.98	24.90	24.68	24.66	24.57	24.48	24.51	24.42
	16QAM	1	0	25.40	25.55	**25.57**	25.23	25.22	**25.29**	24.96	25.01	**25.06**	24.77	24.83	24.79
		1	24	25.52	25.48	25.56	**25.29**	25.26	25.28	24.92	24.98	25.01	24.73	24.79	24.78
		1	49	25.46	25.54	25.56	**25.29**	**25.29**	25.22	24.91	25.04	25.01	24.78	**24.85**	24.76
		25	0	24.15	24.11	24.17	23.97	23.85	23.91	23.63	23.61	23.58	23.41	23.47	23.47
		25	12	24.24	24.22	24.19	24.01	24.03	23.87	23.73	23.73	23.61	23.50	23.58	23.46
		25	24	24.21	24.19	24.25	24.01	24.02	23.93	23.69	23.73	23.67	23.46	23.57	23.52
		50	0	24.17	24.16	24.18	24.00	23.96	23.89	23.66	23.67	23.56	23.49	23.57	23.44
	64QAM	1	0	24.36	24.18	24.32	24.20	24.00	24.16	23.81	23.76	23.68	23.66	23.75	23.80
		1	24	**24.41**	24.28	24.35	**24.25**	24.11	24.19	**23.87**	23.85	23.74	**23.81**	23.79	23.80
		1	49	24.35	24.16	24.32	24.21	24.05	24.16	23.73	23.82	23.73	23.80	23.76	23.73
		25	0	23.03	23.09	23.17	22.98	22.90	22.84	22.59	22.61	22.60	22.47	22.51	22.45
		25	12	23.16	23.19	23.20	22.99	22.98	22.92	22.71	22.72	22.61	22.57	22.60	22.47
		25	24	23.12	23.16	23.20	23.04	22.97	22.91	22.67	22.70	22.66	22.57	22.57	22.50
		50	0	23.11	23.14	23.12	22.98	22.97	22.87	22.67	22.69	22.59	22.54	22.57	22.42
	256QAM	1	0	21.04	21.17	21.24	20.84	20.87	20.92	20.72	20.66	20.66	20.57	20.61	20.53
		1	24	21.11	**21.33**	**21.33**	21.02	21.03	21.00	20.74	**20.85**	20.76	20.68	**20.77**	20.65
		1	49	21.06	21.21	21.22	**21.05**	20.99	20.91	20.77	20.81	20.72	20.63	20.68	20.58
		25	0	20.98	21.03	21.07	20.94	20.85	20.87	20.57	20.59	20.59	20.45	20.50	20.42
		25	12	21.07	21.13	21.08	21.03	20.98	20.87	20.70	20.69	20.62	20.57	20.57	20.45
		25	24	21.05	21.10	21.12	21.01	20.94	20.93	20.66	20.68	20.67	20.55	20.55	20.49
		50	0	21.04	21.09	21.03	20.98	20.95	20.85	20.67	20.67	20.57	20.53	20.54	20.41

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	25.62	25.58	25.60	25.64	25.65	**25.70**	**25.50**	25.41	25.46	25.15	25.13	**25.20**
		1	37	25.66	25.64	**25.70**	25.67	25.68	25.67	25.49	25.42	**25.50**	25.17	25.13	25.18
		1	74	**25.70**	**25.70**	25.69	**25.70**	**25.70**	25.53	25.49	**25.50**	25.43	**25.20**	**25.20**	25.10
		36	0	25.02	25.02	25.10	24.90	24.92	24.92	24.56	24.55	24.60	24.47	24.45	24.50
		36	16	25.10	25.22	25.12	24.99	24.99	24.95	24.63	24.62	24.68	24.53	24.51	24.48
		36	35	25.09	25.27	25.22	25.00	25.00	24.92	24.60	24.63	24.65	24.52	24.51	24.54
		75	0	25.11	25.23	25.16	24.98	24.99	24.88	24.61	24.61	24.64	24.50	24.49	24.46
	16QAM	1	0	25.38	25.50	25.49	25.19	25.26	25.32	24.86	24.86	24.93	24.69	24.69	24.75
		1	37	25.42	25.52	25.65	**25.34**	25.28	25.33	24.82	24.92	24.91	**24.82**	24.68	24.74
		1	74	25.45	**25.65**	25.52	**25.34**	**25.34**	25.16	24.86	**25.01**	24.83	24.79	24.73	24.66
		36	0	24.16	24.29	24.29	23.92	23.92	23.92	23.60	23.58	23.66	23.47	23.43	23.53
		36	16	24.22	24.37	24.28	24.03	24.01	23.97	23.65	23.65	23.71	23.54	23.51	23.50
		36	35	24.22	24.34	24.36	24.03	24.01	23.95	23.63	23.65	23.68	23.53	23.50	23.56
		75	0	24.22	24.35	24.27	23.99	24.02	23.90	23.62	23.63	23.68	23.54	23.50	23.49
	64QAM	1	0	24.18	**24.46**	24.33	24.14	24.06	24.12	23.73	23.76	23.78	23.72	23.66	23.78
		1	37	24.20	24.35	24.38	24.22	24.06	24.11	23.74	23.80	23.79	23.75	23.71	**23.80**
		1	74	24.24	24.40	24.37	**24.25**	24.11	23.99	23.74	**23.84**	23.72	23.78	23.75	23.69
		36	0	23.07	23.22	23.25	22.89	22.89	22.92	22.59	22.57	22.66	22.49	22.46	22.52
		36	16	23.13	23.31	23.22	22.99	22.98	22.97	22.66	22.63	22.70	22.56	22.52	22.49
		36	35	23.10	23.29	23.30	23.00	23.00	22.94	22.64	22.66	22.72	22.54	22.49	22.56
		75	0	23.13	23.29	23.23	22.98	22.99	22.86	22.66	22.63	22.72	22.55	22.50	22.50
	256QAM	1	0	21.14	21.20	21.32	20.94	20.90	20.93	20.66	20.61	20.69	20.53	20.48	20.59
		1	37	21.24	21.33	**21.36**	21.07	20.99	20.99	20.70	20.75	20.77	20.56	20.69	20.67
		1	74	21.21	21.30	21.35	**21.14**	21.10	20.92	20.69	**20.79**	20.78	20.59	**20.74**	20.64
		36	0	21.00	21.13	21.14	20.89	20.87	20.91	20.58	20.54	20.63	20.48	20.44	20.51
		36	16	21.04	21.21	21.12	20.98	20.97	20.93	20.62	20.62	20.69	20.54	20.51	20.49
		36	35	21.01	21.19	21.18	20.98	20.95	20.90	20.63	20.61	20.68	20.52	20.49	20.54
		75	0	21.03	21.18	21.09	20.98	20.99	20.86	20.64	20.61	20.70	20.51	20.49	20.49

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	25.56	25.58	25.57	25.64	25.61	25.69	**25.50**	25.47	**25.50**	**25.20**	**25.20**	**25.20**
		1	49	25.50	25.59	25.57	**25.70**	25.65	**25.70**	25.45	25.42	25.46	25.15	25.14	25.15
		1	99	25.63	**25.69**	25.65	25.69	**25.70**	25.51	25.48	**25.50**	25.39	25.14	25.18	25.11
		50	0	24.89	24.95	24.94	24.95	24.88	24.96	24.55	24.48	24.52	24.45	24.44	24.48
		50	24	24.99	25.03	25.04	25.04	25.00	25.03	24.62	24.55	24.53	24.55	24.53	24.57
		50	49	24.99	25.02	25.05	25.05	25.00	24.98	24.59	24.56	24.59	24.50	24.49	24.53
		100	0	25.06	25.07	24.99	25.00	24.99	25.00	24.61	24.56	24.52	24.49	24.48	24.46
	16QAM	1	0	25.49	25.50	25.43	25.20	25.24	25.28	24.88	24.96	24.92	24.78	24.69	24.73
		1	49	**25.70**	**25.70**	**25.70**	25.29	25.24	**25.30**	24.98	25.07	**25.08**	24.79	24.72	**24.90**
		1	99	25.53	25.52	25.48	25.25	25.28	25.15	24.89	24.92	24.87	24.74	24.76	24.66
		50	0	24.12	24.10	24.11	23.90	23.90	23.97	23.56	23.50	23.54	23.48	23.45	23.50
		50	24	24.19	24.14	24.19	24.05	24.00	24.02	23.63	23.59	23.54	23.55	23.53	23.57
		50	49	24.19	24.12	24.17	24.03	24.00	23.97	23.60	23.58	23.59	23.53	23.51	23.54
		100	0	24.17	24.11	24.09	24.01	24.00	24.02	23.62	23.57	23.52	23.53	23.50	23.45
	64QAM	1	0	24.27	24.15	24.19	24.11	24.11	24.13	23.77	23.76	23.69	23.75	23.68	23.71
		1	49	**24.34**	24.32	24.25	24.17	24.11	24.07	23.77	**23.92**	23.87	23.79	**23.84**	**23.84**
		1	99	**24.34**	24.22	24.11	24.15	**24.19**	24.00	23.68	23.90	23.70	23.69	23.70	23.60
		50	0	23.11	23.02	22.98	22.93	22.85	22.94	22.51	22.49	22.52	22.44	22.43	22.48
		50	24	23.18	23.09	23.07	23.03	22.96	23.00	22.58	22.59	22.53	22.54	22.52	22.54
		50	49	23.13	23.08	23.02	23.01	22.96	22.94	22.56	22.57	22.59	22.51	22.47	22.53
		100	0	23.17	23.07	22.96	23.00	22.95	22.96	22.56	22.58	22.52	22.52	22.50	22.49
	256QAM	1	0	21.28	21.19	21.07	20.99	21.07	21.08	20.59	20.61	20.58	20.58	20.53	20.56
		1	49	**21.29**	21.21	21.10	21.15	21.11	21.11	20.60	20.64	20.57	20.60	20.60	20.58
		1	99	21.26	21.19	21.11	21.13	**21.19**	21.06	20.64	**20.77**	20.65	**20.62**	20.58	20.59
		50	0	21.05	20.93	20.86	20.89	20.84	20.89	20.48	20.46	20.49	20.44	20.43	20.47
		50	24	21.12	21.02	20.94	21.01	20.93	20.97	20.56	20.57	20.50	20.52	20.51	20.54
		50	49	21.08	20.98	20.89	21.01	20.96	20.91	20.54	20.56	20.55	20.51	20.47	20.50
		100	0	21.10	20.98	20.82	20.97	20.92	20.95	20.54	20.55	20.49	20.50	20.50	20.46

5G NR n66

Test Engineer ID:	28498	Test Date:	11/8/2022

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	25.42	25.39	25.47	25.43	25.37	25.33	24.20	24.23	24.88	24.86	24.25	24.91
		1	1	25.62	25.62	**25.70**	25.63	25.56	25.54	24.52	24.43	25.07	25.10	24.48	25.14
		1	23	25.65	25.62	25.55	**25.68**	25.62	25.58	24.84	24.20	**25.40**	**25.20**	24.52	25.13
		1	24	25.39	25.34	25.36	25.44	25.44	25.37	24.63	23.95	25.16	24.96	24.31	24.87
		12	6	25.67	25.59	25.64	25.65	25.60	25.48	24.69	24.35	25.25	25.08	24.46	25.14
		25	0	25.43	25.42	25.36	25.40	25.35	25.38	24.44	24.05	25.02	24.80	24.20	24.87
	QPSK	1	0	24.99	24.82	24.91	24.91	24.93	24.88	23.73	23.74	24.04	24.21	23.70	24.39
		1	1	**25.70**	25.59	25.66	25.61	25.55	25.53	24.54	24.54	25.00	24.92	24.44	25.07
		1	23	25.67	**25.70**	25.64	25.62	**25.70**	25.52	24.86	24.28	**25.31**	25.03	24.46	25.03
		1	24	24.96	24.93	24.93	24.92	24.90	24.85	24.10	23.49	24.34	24.32	23.73	24.37
		12	6	25.67	25.58	25.63	**25.70**	25.55	**25.70**	24.72	24.37	24.96	25.07	24.49	**25.20**
		25	0	24.98	24.85	24.89	24.88	24.76	24.82	24.00	23.60	24.03	24.36	23.76	24.47
	16QAM	1	0	23.64	23.97	23.45	23.75	23.84	23.61	22.98	22.61	23.48	23.31	22.27	23.53
		1	1	24.64	24.83	24.53	**24.96**	**24.96**	24.85	24.03	23.69	24.45	24.29	23.32	**24.49**
		1	23	24.48	24.97	24.47	24.84	24.92	24.69	24.36	23.46	**24.76**	24.43	23.32	24.46
		1	24	23.49	23.90	23.63	23.85	23.85	23.61	23.36	22.40	23.77	23.43	22.27	23.47
		12	6	**25.00**	24.95	24.96	24.88	24.75	24.89	24.01	23.60	24.02	24.40	23.71	24.46
		25	0	23.91	23.86	23.95	23.93	23.79	23.85	23.07	22.70	23.17	23.42	22.78	23.53
	64QAM	1	0	23.56	23.41	23.50	23.44	23.16	23.38	22.02	22.07	22.34	22.52	21.87	22.92
		1	1	**23.63**	23.42	23.48	23.47	23.17	23.51	22.08	22.04	22.35	22.63	21.91	22.95
		1	23	23.53	23.30	23.49	23.36	23.13	23.48	22.42	21.84	22.59	22.69	21.91	22.92
		1	24	23.50	23.46	23.44	23.41	23.18	23.42	22.41	21.83	22.61	22.67	21.92	22.89
		12	6	23.40	23.47	23.39	23.40	23.18	23.44	22.55	22.10	22.68	22.90	22.23	22.99
		25	0	23.40	23.48	23.39	**23.58**	23.33	23.39	22.60	22.17	**22.70**	23.00	22.29	**23.03**
	256QAM	1	0	21.43	21.30	21.09	21.61	21.55	21.25	20.31	20.18	20.99	20.67	19.97	20.90
		1	1	21.52	21.32	21.28	**21.64**	21.55	21.22	20.35	20.19	20.99	20.71	19.99	**20.93**
		1	23	**21.62**	21.36	21.35	21.57	21.60	21.28	20.67	20.00	**21.27**	20.83	20.07	20.85
		1	24	21.59	21.34	21.18	21.54	21.45	21.34	20.62	19.96	21.26	20.77	20.07	20.84
		12	6	21.54	21.43	21.30	21.47	21.26	21.44	20.59	20.20	21.10	20.85	20.19	20.90
		25	0	21.50	21.43	21.47	21.47	21.27	21.50	20.56	20.16	21.08	20.86	20.23	**20.93**

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	25.41	25.48	25.43	25.43	25.25	25.50	24.38	24.43	24.49	24.90	24.27	24.92
		1	1	25.60	25.58	25.67	**25.70**	25.50	25.52	24.63	24.66	24.73	25.07	24.51	25.15
		1	50	25.57	**25.70**	25.68	25.57	25.65	25.66	25.24	24.11	**25.39**	25.16	24.52	**25.20**
		1	51	25.38	25.45	25.43	25.33	25.35	25.39	25.04	23.95	25.24	24.96	24.31	24.95
		25	12	25.62	25.61	**25.70**	25.48	25.58	25.54	24.81	24.34	24.97	25.16	24.43	25.14
		50	0	25.47	25.44	25.50	25.40	25.41	25.41	24.66	24.17	24.84	24.96	24.26	24.93
	QPSK	1	0	24.18	25.00	25.01	24.82	25.00	24.99	23.76	23.95	23.97	24.32	23.77	24.32
		1	1	25.29	25.66	25.67	25.53	**25.70**	**25.70**	24.52	24.71	24.69	25.01	24.50	25.09
		1	50	**25.70**	25.68	25.62	25.48	25.65	25.66	**25.22**	24.15	24.90	25.13	24.58	25.12
		1	51	24.63	24.96	24.98	24.78	24.90	25.01	24.50	23.35	23.91	24.43	23.79	24.38
		25	12	25.68	25.61	25.65	25.55	25.63	25.67	24.85	24.36	24.86	**25.20**	24.44	25.17
		50	0	24.97	24.89	24.94	24.87	24.95	25.01	24.18	23.69	23.93	24.48	23.78	24.50
	16QAM	1	0	24.02	23.81	23.89	23.84	24.09	24.11	23.02	22.92	23.11	23.41	22.69	23.54
		1	1	24.99	24.79	24.90	24.97	25.10	25.15	24.02	24.02	24.13	24.44	23.81	24.61
		1	50	24.95	24.74	24.83	24.89	**25.23**	25.11	**24.71**	23.48	24.26	24.50	23.87	**24.63**
		1	51	23.91	23.80	23.87	23.85	24.00	24.08	23.75	22.50	23.26	23.48	22.75	23.57
		25	12	24.93	24.80	**25.04**	24.80	25.09	24.99	24.18	23.65	24.07	24.56	23.82	24.55
		50	0	23.90	23.81	24.00	23.82	24.04	24.03	23.18	22.67	23.22	23.49	22.83	23.54
	64QAM	1	0	23.51	23.34	23.66	23.20	23.66	23.79	22.04	22.33	22.41	22.79	22.26	22.85
		1	1	23.42	23.37	23.68	23.23	23.68	**23.82**	22.15	22.22	22.45	22.83	22.27	22.88
		1	50	23.36	23.32	**23.76**	23.25	23.58	23.76	**22.84**	21.74	22.73	22.88	22.31	22.92
		1	51	23.39	23.28	23.68	23.27	23.49	23.74	22.83	21.72	22.76	22.91	22.27	22.88
		25	12	23.53	23.44	23.49	23.40	23.54	23.61	22.78	22.29	22.67	**23.18**	22.29	23.05
		50	0	23.43	23.40	23.55	23.43	23.56	23.54	22.71	22.27	22.74	23.04	22.29	22.99
	256QAM	1	0	21.48	21.61	21.35	21.36	**21.73**	21.52	20.19	20.50	20.30	20.83	20.13	20.59
		1	1	21.39	**21.66**	21.48	21.42	21.65	21.58	20.24	20.40	20.38	20.85	20.14	20.61
		1	50	21.41	21.52	21.44	21.49	21.61	21.44	20.98	19.98	**21.08**	20.95	20.28	20.61
		1	51	21.37	21.51	21.44	21.47	21.63	21.51	20.94	19.94	21.07	20.90	20.25	20.60
		25	12	21.43	21.36	21.52	21.40	21.53	21.48	20.71	20.27	20.91	20.99	20.22	20.86
		50	0	21.47	21.37	21.45	21.34	21.49	21.41	20.74	20.24	20.86	**21.07**	20.21	20.94

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	25.46	25.54	25.42	25.58	25.39	25.57	24.33	24.65	24.12	25.03	24.37	24.81
		1	1	25.65	25.64	25.63	25.63	25.61	**25.70**	24.55	24.85	24.30	**25.17**	24.59	24.93
		1	77	25.62	**25.70**	25.64	25.68	25.66	**25.70**	**25.50**	24.00	25.41	25.15	24.64	25.12
		1	78	25.43	25.48	25.38	25.50	25.48	25.51	25.29	23.81	25.21	24.96	24.44	24.93
		36	18	25.53	25.55	25.44	25.52	25.53	25.50	24.77	24.26	24.64	**25.17**	24.41	24.96
		75	0	25.42	25.40	25.34	25.40	25.34	25.40	24.60	24.17	24.48	25.00	24.29	24.82
	QPSK	1	0	24.99	24.97	24.93	25.02	24.98	24.96	23.67	24.17	23.62	24.44	23.96	24.32
		1	1	**25.70**	25.68	25.68	25.67	**25.70**	25.61	24.42	24.84	24.31	25.14	24.53	25.02
		1	77	25.69	25.62	**25.70**	**25.70**	25.68	25.69	25.38	24.03	**25.45**	25.13	24.68	**25.20**
		1	78	24.97	24.89	25.03	24.95	24.98	24.97	24.47	23.32	24.55	24.41	24.00	24.50
		36	18	25.62	25.65	25.52	25.52	25.58	25.53	24.85	24.34	24.71	**25.20**	24.48	25.03
		75	0	24.94	24.93	24.88	24.93	24.92	24.89	24.17	23.67	24.06	24.52	23.82	24.36
	16QAM	1	0	23.71	23.73	23.84	23.91	23.85	24.04	22.51	23.04	22.70	23.47	23.15	23.48
		1	1	24.77	24.63	24.68	**25.02**	24.91	24.97	23.52	24.05	23.70	24.47	24.09	24.49
		1	77	24.85	24.59	24.65	24.92	24.83	24.88	24.30	23.25	**24.53**	24.43	24.29	**24.65**
		1	78	23.87	23.75	23.77	23.96	23.74	23.85	23.38	22.33	23.54	23.40	23.21	23.68
		36	18	24.85	**24.88**	24.84	24.76	24.82	24.84	24.09	23.64	24.10	24.51	23.82	24.40
		75	0	23.96	23.92	23.88	23.98	23.84	23.89	23.15	22.67	23.08	23.58	22.89	23.57
	64QAM	1	0	23.56	23.19	23.57	23.56	23.47	23.44	22.08	22.54	22.01	22.90	22.49	22.72
		1	1	23.56	23.29	**23.70**	23.50	23.51	23.48	22.08	22.55	22.04	22.92	22.37	22.66
		1	77	23.59	23.25	23.58	23.33	23.61	23.52	23.04	21.73	23.05	22.90	22.54	22.92
		1	78	23.51	23.30	**23.70**	23.49	**23.63**	23.45	23.00	21.77	**23.07**	22.96	22.54	22.87
		36	18	23.45	23.33	23.35	23.32	23.45	23.45	22.58	22.13	22.43	23.07	22.31	22.96
		75	0	23.42	23.34	23.45	23.31	23.47	23.49	22.70	22.23	22.54	**23.10**	22.39	22.95
	256QAM	1	0	21.35	21.75	21.61	21.47	21.74	21.56	20.05	20.77	19.71	20.67	20.22	20.35
		1	1	21.40	21.61	**21.83**	21.55	**21.75**	21.61	20.03	20.72	19.68	20.71	20.24	20.39
		1	77	21.44	21.58	21.51	21.49	21.49	21.60	**21.07**	20.00	20.92	20.64	20.36	20.50
		1	78	21.51	21.60	21.60	21.52	21.62	21.49	21.04	19.96	20.92	20.60	20.35	20.49
		36	18	21.42	21.45	21.41	21.39	21.29	21.33	20.66	20.13	20.63	21.05	20.26	20.92
		75	0	21.49	21.47	21.42	21.39	21.39	21.43	20.67	20.22	20.63	**21.06**	20.31	20.93

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	25.40	25.58	25.49	25.43	25.52	25.39	24.28	25.12	24.02	25.09	24.50	24.53
		1	1	25.61	25.68	25.68	25.65	**25.70**	25.49	24.48	25.22	24.15	**25.20**	24.61	24.65
		1	104	25.57	**25.70**	25.69	25.51	25.68	25.50	**25.50**	24.13	25.48	24.91	24.72	25.00
		1	105	25.27	25.45	25.34	25.41	25.45	25.28	25.32	23.94	25.28	24.72	24.53	24.78
		50	25	25.58	25.59	25.60	25.60	25.65	25.42	25.14	24.52	24.54	25.17	24.41	24.88
		100	0	25.38	25.42	25.47	25.43	25.52	25.20	24.79	24.39	24.37	24.93	24.29	24.69
	QPSK	1	0	24.91	25.01	24.93	25.04	25.07	24.91	23.68	24.63	23.38	24.47	23.90	24.11
		1	1	**25.70**	25.60	**25.70**	**25.70**	25.64	**25.70**	24.38	25.27	24.09	**25.20**	24.59	24.81
		1	104	25.65	25.66	**25.70**	25.67	25.64	25.67	25.25	24.13	**25.37**	24.89	24.65	**25.20**
		1	105	24.86	24.91	24.88	24.92	24.92	24.89	24.28	23.40	24.40	24.16	24.01	24.44
		50	25	25.60	25.64	25.67	25.59	25.66	25.37	25.13	24.54	24.50	**25.20**	24.53	24.89
		100	0	24.87	24.90	24.95	24.79	24.96	24.72	24.33	23.92	23.91	24.44	23.86	24.21
	16QAM	1	0	23.96	23.81	23.86	23.91	23.87	23.61	22.72	23.65	22.35	23.54	23.30	23.08
		1	1	**24.95**	24.69	24.68	24.88	24.80	24.73	23.73	**24.62**	23.35	**24.54**	24.24	24.01
		1	104	24.80	24.74	24.74	24.75	24.85	24.81	24.29	23.49	24.52	24.27	24.41	24.31
		1	105	23.87	23.80	23.81	23.81	23.91	23.63	23.31	22.49	23.54	23.30	23.30	23.43
		50	25	24.90	24.85	24.88	24.84	**24.99**	24.76	24.46	23.90	23.87	**24.54**	23.80	24.24
		100	0	23.87	23.90	23.87	23.83	23.94	23.84	23.26	22.95	22.86	23.45	22.87	23.17
	64QAM	1	0	23.68	23.30	23.69	23.63	23.63	23.57	22.27	22.97	21.67	23.01	22.41	22.44
		1	1	**23.72**	23.48	23.46	23.64	23.24	23.37	22.40	22.87	21.66	23.07	22.41	22.36
		1	104	23.65	23.50	23.54	23.72	23.43	23.48	23.12	21.76	23.07	22.76	22.54	22.76
		1	105	23.66	23.34	23.50	**23.75**	23.31	23.37	**23.13**	21.77	23.05	22.75	22.53	22.77
		50	25	23.38	23.35	23.36	23.48	23.49	23.23	22.94	22.38	22.40	**23.10**	22.35	22.76
		100	0	23.35	23.34	23.37	23.33	23.51	23.13	22.85	22.42	22.38	23.02	22.35	22.67
	256QAM	1	0	21.32	21.62	**21.63**	21.46	**21.58**	21.13	20.39	21.25	20.03	20.83	20.12	20.35
		1	1	21.49	21.51	21.40	21.51	21.49	21.08	20.41	21.27	19.93	20.87	20.11	20.26
		1	104	21.37	21.52	21.50	21.51	21.43	21.07	21.46	20.05	21.32	20.52	20.18	20.66
		1	105	21.46	21.48	21.42	21.40	21.50	21.01	**21.48**	20.06	21.29	20.49	20.19	20.66
		50	25	21.41	21.43	21.38	21.37	21.45	21.25	20.94	20.41	20.53	**21.04**	20.28	20.78
		100	0	21.43	21.45	21.43	21.33	21.31	21.25	20.84	20.40	20.48	20.94	20.27	20.71

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	25.40	25.59	25.59	25.48	25.41	25.49	25.19	24.96	25.27	24.76	24.75	24.82
		1	1	25.66	25.57	**25.70**	**25.70**	25.55	25.55	25.39	25.20	**25.50**	25.08	25.10	25.08
		1	131	25.58	25.62	25.59	25.68	25.59	25.37	25.25	**25.50**	25.40	**25.16**	25.11	25.13
		1	132	25.38	25.62	25.47	25.59	25.50	25.25	25.16	25.08	24.96	24.79	24.70	24.70
		64	32	25.22	25.25	25.26	25.48	25.25	25.22	25.01	24.89	25.11	24.89	24.87	24.88
		128	0	25.09	25.11	25.03	25.37	25.03	25.05	24.79	24.59	24.65	24.46	24.37	24.43
	QPSK	1	0	25.05	25.00	24.84	25.39	24.80	25.11	24.72	24.31	24.55	24.26	24.41	24.32
		1	1	**25.70**	**25.70**	25.64	25.09	25.31	**25.70**	**25.50**	25.07	**25.50**	**25.20**	25.15	25.11
		1	131	25.64	**25.70**	25.60	25.59	**25.70**	25.64	25.45	25.34	25.36	25.14	**25.20**	**25.20**
		1	132	25.00	25.11	24.94	25.10	25.07	24.94	24.71	24.52	24.44	24.17	24.21	24.26
		64	32	25.34	25.37	25.19	25.58	25.31	25.20	25.00	24.89	25.04	24.94	24.89	24.91
		128	0	24.63	24.64	24.52	24.87	24.60	24.53	24.29	24.07	24.16	23.93	23.87	23.87
	16QAM	1	0	24.01	24.20	23.87	24.32	23.74	24.20	23.93	23.50	23.50	23.40	23.53	23.12
		1	1	24.99	24.88	24.81	24.87	24.92	**25.15**	24.83	24.31	24.42	24.38	24.42	23.94
		1	131	24.85	**25.20**	24.82	24.79	25.00	24.90	**25.00**	24.81	24.14	24.26	**24.59**	24.03
		1	132	23.98	24.03	24.04	24.32	23.97	24.09	24.01	23.76	23.46	23.12	23.60	23.13
		64	32	24.66	24.70	24.52	24.98	24.65	24.41	24.35	23.96	24.15	24.01	23.86	23.89
		128	0	23.64	23.67	23.51	23.93	23.59	23.52	23.40	22.95	23.19	22.95	22.83	22.87
	64QAM	1	0	23.48	23.40	**23.51**	23.77	23.44	23.82	23.23	22.61	22.93	22.78	22.87	22.81
		1	1	23.33	23.24	23.21	23.96	23.50	23.71	23.30	22.45	23.00	22.94	22.64	22.63
		1	131	23.28	23.44	23.38	23.60	23.71	23.57	**23.43**	22.75	22.64	**22.99**	22.88	22.71
		1	132	23.47	23.50	23.35	**24.66**	23.46	22.61	23.24	22.87	22.79	22.88	22.79	22.83
		64	32	23.02	23.13	22.96	23.41	23.09	23.00	22.89	22.45	22.58	22.45	22.30	22.46
		128	0	23.07	23.14	23.05	23.47	23.06	22.95	22.91	22.51	22.65	22.43	22.33	22.41
	256QAM	1	0	21.48	**21.91**	21.86	**22.46**	21.59	21.62	**21.73**	20.86	21.17	21.21	21.20	**21.31**
		1	1	21.70	21.89	21.66	22.29	21.46	21.63	21.68	20.68	20.96	21.13	21.09	20.96
		1	131	21.50	21.86	21.75	22.06	21.72	21.44	21.47	21.13	20.72	21.09	21.07	21.17
		1	132	21.54	21.90	21.77	22.22	22.26	21.51	21.65	21.35	20.80	21.15	21.18	21.14
		64	32	21.01	21.18	21.00	21.39	21.13	21.09	20.86	20.55	20.62	20.38	20.42	20.43
		128	0	20.99	21.18	21.06	21.45	21.19	21.01	20.95	20.61	20.65	20.44	20.44	20.42

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	25.59	25.48	25.55	25.46	25.47	25.50	24.38	25.31	24.10	25.06	24.83	24.31
		1	1	**25.69**	25.54	25.62	25.66	**25.70**	25.60	24.64	**25.50**	24.32	**25.20**	24.95	24.45
		1	158	25.57	25.55	25.65	25.53	25.57	25.57	24.97	24.04	**25.50**	24.53	24.96	**25.20**
		1	159	25.43	25.30	25.43	25.29	25.29	25.42	24.69	23.85	25.33	24.30	24.76	24.98
		80	40	25.66	25.63	25.60	25.54	25.55	25.64	**25.50**	24.43	24.36	25.01	24.55	24.95
		160	0	25.48	25.50	25.52	25.35	25.42	25.51	25.04	24.37	24.33	24.80	24.49	24.66
	QPSK	1	0	25.05	25.14	25.11	24.97	24.97	25.12	23.83	24.44	23.54	24.41	24.20	23.76
		1	1	25.61	**25.70**	25.67	**25.70**	25.49	**25.70**	24.64	**25.45**	24.16	**25.11**	24.84	24.36
		1	158	25.61	25.60	25.64	25.53	25.49	25.48	24.95	23.99	25.12	24.49	24.88	25.07
		1	159	24.96	24.94	24.90	24.83	24.77	24.84	24.21	23.26	24.10	23.76	24.22	24.36
		80	40	**25.70**	25.66	**25.70**	25.55	25.58	25.60	25.29	24.48	24.35	25.01	24.57	24.93
		160	0	24.97	24.97	24.90	24.89	24.91	24.94	24.47	23.85	23.78	24.26	23.97	24.17
	16QAM	1	0	24.09	23.76	23.83	23.55	24.25	23.76	22.80	23.54	22.66	23.77	23.17	22.55
		1	1	**24.98**	24.83	24.85	24.55	25.11	24.74	23.91	**24.62**	23.60	**24.84**	24.15	23.49
		1	158	24.95	24.75	24.78	24.42	**25.14**	24.60	24.25	23.40	24.48	24.12	24.23	24.21
		1	159	23.96	23.69	23.85	23.46	23.99	23.79	23.24	22.39	23.48	23.09	23.20	23.19
		80	40	**24.98**	24.92	**24.98**	24.88	24.94	24.92	24.37	23.75	23.71	24.28	23.87	24.29
		160	0	24.04	23.99	23.91	23.85	23.87	23.96	23.52	22.83	22.84	23.28	22.95	23.17
	64QAM	1	0	**23.66**	23.61	23.64	23.56	23.62	23.59	22.29	22.90	21.98	23.10	22.55	22.03
		1	1	23.52	23.37	23.64	23.42	23.63	23.44	22.35	22.95	22.00	**23.12**	22.53	21.96
		1	158	23.58	23.29	23.50	23.36	23.30	23.46	22.68	21.69	22.96	22.39	22.59	22.69
		1	159	23.46	23.43	23.46	23.29	**23.66**	23.44	22.63	21.63	22.98	22.37	22.58	22.65
		80	40	23.38	23.37	23.39	23.22	23.35	23.43	22.81	22.22	22.22	22.79	22.29	22.72
		160	0	23.45	23.45	23.46	23.28	23.35	23.45	**23.07**	22.34	22.35	22.71	22.55	22.73
	256QAM	1	0	21.54	21.61	21.44	21.58	21.52	21.57	20.57	**21.55**	20.21	20.73	20.60	20.10
		1	1	21.60	21.53	21.32	21.58	21.52	21.61	20.61	21.47	20.21	20.72	20.50	20.01
		1	158	21.35	21.77	21.34	21.45	21.57	21.53	21.02	20.10	21.52	20.17	20.70	**20.96**
		1	159	21.44	**21.79**	21.36	21.43	21.45	**21.70**	21.05	20.14	21.53	20.18	20.69	20.93
		80	40	21.36	21.38	21.32	21.23	21.37	21.38	21.27	20.31	20.24	20.84	20.39	20.69
		160	0	21.38	21.39	21.40	21.24	21.35	21.41	21.03	20.41	20.36	20.78	20.47	20.68

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	25.49	25.66	25.58	25.48	25.45	25.66	25.17	25.13	25.24	25.05	24.92	24.90
		1	1	**25.70**	**25.70**	**25.70**	25.64	25.50	25.66	25.40	25.33	25.32	25.03	**25.20**	25.14
		1	186	25.63	25.62	25.57	**25.70**	25.60	25.54	**25.50**	**25.50**	25.32	**25.20**	25.14	24.99
		1	187	25.46	25.40	25.44	25.47	25.36	25.41	25.30	25.07	25.05	24.98	24.67	24.88
		90	45	25.51	25.53	25.55	25.52	25.34	25.48	25.40	25.29	25.11	25.00	25.08	24.89
		180	0	25.30	25.38	25.36	25.33	25.29	25.39	25.22	25.17	25.05	24.76	24.56	24.75
	QPSK	1	0	24.89	24.96	25.10	25.60	25.57	25.43	25.25	24.30	24.62	24.11	24.16	24.49
		1	1	25.40	25.68	**25.70**	25.65	25.67	**25.70**	25.39	25.12	**25.50**	24.95	24.76	25.14
		1	186	25.60	25.66	25.63	25.47	**25.70**	25.44	25.33	25.40	25.39	24.91	24.76	**25.20**
		1	187	24.85	24.96	24.91	25.34	25.49	25.56	25.23	24.68	24.70	24.34	24.17	24.51
		90	45	25.54	25.62	25.52	25.44	25.42	25.46	25.32	25.32	25.24	25.09	24.79	25.02
		180	0	24.95	24.96	24.91	25.30	25.29	25.29	25.20	24.62	24.56	24.42	24.16	24.35
	16QAM	1	0	24.25	24.45	24.30	24.13	23.16	24.01	24.75	24.03	23.60	23.49	23.31	23.31
		1	1	25.21	25.22	**25.41**	25.22	24.19	25.04	24.52	**24.80**	24.65	**24.36**	24.30	24.16
		1	186	25.00	25.21	25.27	24.22	25.05	25.21	24.48	24.58	24.50	24.18	24.22	24.34
		1	187	24.15	24.36	24.31	23.92	23.66	24.01	23.58	23.50	23.52	23.44	23.16	23.28
		90	45	24.79	24.90	24.86	24.29	24.82	24.84	24.50	24.60	24.59	24.29	24.11	24.31
		180	0	23.84	23.92	23.94	**25.25**	23.90	23.83	23.58	23.57	23.60	23.25	23.18	23.29
	64QAM	1	0	23.60	23.48	**23.60**	23.95	23.92	24.66	23.24	23.76	23.22	23.06	22.84	23.14
		1	1	23.40	23.46	23.56	25.13	24.16	**25.34**	24.28	23.20	23.12	22.60	22.71	22.88
		1	186	23.42	23.32	23.54	24.45	24.17	25.28	**24.77**	23.40	23.19	22.70	22.47	**23.18**
		1	187	23.31	23.41	23.58	25.10	23.87	23.67	23.76	23.30	23.22	22.60	22.56	23.15
		90	45	23.36	23.40	23.40	24.94	24.78	24.83	24.58	23.06	23.02	22.74	22.58	22.88
		180	0	23.43	23.48	23.42	23.95	23.80	23.82	23.06	23.03	21.25	22.81	22.70	22.79
	256QAM	1	0	21.33	**21.71**	21.42	21.48	21.75	22.01	21.37	21.17	**21.60**	20.98	20.73	20.99
		1	1	21.53	21.30	21.58	21.23	21.62	21.76	21.20	21.12	21.45	21.00	20.69	20.82
		1	186	21.24	21.52	21.44	**22.16**	21.68	21.41	21.22	21.27	21.52	20.73	20.74	21.04
		1	187	21.40	21.47	21.30	21.70	21.77	21.53	21.35	21.23	21.58	**21.11**	20.73	20.81
		90	45	21.45	21.37	21.38	21.50	21.38	21.54	20.95	21.03	21.05	20.83	20.63	20.81
		180	0	21.48	21.47	21.36	21.26	21.30	21.31	21.12	21.05	21.16	20.89	20.64	20.78

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	25.57	25.28	25.63	25.51	25.41	25.60	24.49	25.37	24.66	25.08	25.11	24.24
		1	1	25.65	25.53	25.62	**25.70**	25.43	25.65	24.75	**25.50**	24.88	**25.20**	25.13	24.27
		1	214	25.62	25.45	**25.70**	25.55	25.47	25.54	24.30	24.08	25.40	24.49	**25.20**	25.10
		1	215	25.37	25.22	25.47	25.36	25.18	25.46	24.04	23.88	25.21	24.29	24.99	24.91
		108	54	25.64	25.46	25.60	25.47	25.49	**25.70**	25.43	24.42	24.22	24.78	24.54	24.62
		216	0	25.42	25.30	25.42	25.37	25.34	25.52	24.91	24.36	24.30	24.62	24.52	24.47
	QPSK	1	0	25.03	24.97	25.09	25.01	25.04	25.09	23.90	23.87	24.29	24.43	24.44	23.69
		1	1	25.64	**25.70**	25.67	25.69	**25.70**	25.67	24.60	24.83	24.96	25.09	25.02	24.35
		1	214	25.58	25.59	25.64	25.48	25.54	25.64	24.20	24.15	24.81	24.42	25.16	**25.20**
		1	215	24.97	24.81	24.93	24.83	24.83	24.86	23.51	23.38	23.82	23.72	24.37	24.44
		108	54	**25.70**	25.53	**25.70**	25.58	25.52	25.69	**25.49**	24.48	24.25	24.80	24.56	24.63
		216	0	25.00	24.80	24.97	24.92	24.87	24.97	24.39	23.84	23.74	24.10	24.02	23.93
	16QAM	1	0	24.05	23.39	23.80	24.12	24.13	24.68	22.79	22.83	23.14	23.32	23.38	22.42
		1	1	24.81	24.60	24.88	24.91	24.91	25.40	23.76	23.81	24.14	24.34	24.35	23.30
		1	214	24.86	24.34	24.69	25.03	25.06	**25.54**	23.33	23.30	24.26	23.61	**24.43**	24.14
		1	215	23.85	23.41	23.66	23.99	24.25	24.30	22.35	22.29	23.27	22.67	23.42	23.12
		108	54	**24.97**	24.76	24.92	24.82	24.80	25.11	**24.80**	23.75	23.56	24.24	23.97	23.98
		216	0	24.00	23.81	24.00	23.90	23.87	24.11	23.46	22.84	22.79	23.18	23.00	22.91
	64QAM	1	0	**23.80**	23.29	23.52	23.36	23.28	**23.69**	22.54	22.77	22.91	22.77	22.75	22.01
		1	1	23.59	23.25	23.47	23.50	23.24	23.48	22.58	22.78	22.90	22.67	22.60	21.87
		1	214	23.58	23.33	23.50	23.10	23.19	23.50	22.22	21.93	23.04	22.03	22.69	**22.79**
		1	215	23.44	23.32	23.44	23.12	23.23	23.42	22.23	21.92	23.05	22.03	22.70	22.78
		108	54	23.40	23.23	23.34	23.39	23.28	23.55	**23.30**	22.21	22.04	22.71	22.43	22.45
		216	0	23.44	23.30	23.38	23.40	23.32	23.63	22.96	22.37	22.27	22.65	22.58	22.40
	256QAM	1	0	21.41	21.59	**21.80**	21.71	21.46	**22.10**	20.56	21.42	20.85	20.82	20.85	19.98
		1	1	21.32	21.42	21.76	21.62	21.52	21.93	20.60	21.42	20.82	20.72	20.80	19.90
		1	214	21.26	21.61	21.58	21.51	21.50	21.98	20.34	20.31	**21.55**	20.17	20.97	20.91
		1	215	21.38	21.36	21.52	21.61	21.42	21.89	20.30	20.32	**21.55**	20.15	**21.00**	20.82
		108	54	21.43	21.24	21.47	21.37	21.27	21.57	21.29	20.22	20.12	20.63	20.40	20.45
		216	0	21.40	21.28	21.44	21.38	21.25	21.58	20.97	20.36	20.35	20.64	20.54	20.43

8.13. 5G NR n70

Test Engineer ID:	29435	Test Date:	11/7/2022

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	25.36	25.39	25.43	25.47	25.47	25.47	24.83	24.86	24.83	23.38	24.52	24.60
		1	1	25.60	25.62	**25.70**	25.67	25.67	**25.70**	25.39	25.39	25.28	23.88	25.02	25.16
		1	23	25.54	25.57	25.61	25.63	**25.70**	25.64	25.33	25.37	25.26	23.88	25.03	**25.20**
		1	24	25.31	25.38	25.43	25.42	25.43	25.41	24.80	24.79	24.70	23.39	24.54	24.64
		12	6	25.54	25.60	25.62	25.62	25.64	25.63	**25.50**	25.32	25.24	23.95	25.02	25.10
		25	0	25.34	25.36	25.43	25.32	25.39	25.42	24.86	24.70	24.69	23.43	24.51	24.63
	QPSK	1	0	24.92	24.94	24.95	24.98	24.95	24.90	24.44	24.47	24.28	22.87	23.97	24.12
		1	1	**25.70**	**25.70**	**25.70**	25.69	25.67	25.60	25.43	25.34	25.21	23.99	25.14	**25.20**
		1	23	25.68	25.69	**25.70**	25.69	25.60	25.58	**25.50**	25.33	25.26	23.99	25.10	25.03
		1	24	24.90	24.93	24.89	24.97	24.92	24.90	24.35	24.24	24.18	22.79	24.06	24.07
		12	6	25.59	25.59	25.64	**25.70**	25.64	25.65	25.39	25.30	24.93	23.88	25.02	25.17
		25	0	24.89	24.93	24.93	24.93	24.99	24.95	24.35	24.25	23.91	22.80	24.05	24.13
	16QAM	1	0	23.80	23.95	24.15	23.72	23.96	23.76	23.43	23.45	23.02	21.77	22.84	23.05
		1	1	24.79	25.00	25.21	24.76	24.93	24.74	24.49	**24.59**	24.49	22.74	23.98	24.34
		1	23	24.86	24.98	**25.24**	24.73	**24.98**	24.73	24.56	23.80	24.00	23.90	**24.40**	24.16
		1	24	23.70	23.95	24.16	23.76	23.89	23.72	23.67	23.36	23.15	22.97	23.03	23.59
		12	6	24.86	24.89	24.81	24.81	24.88	24.92	24.48	24.33	24.11	24.07	24.10	24.27
		25	0	23.91	23.91	23.86	23.93	23.93	23.96	23.34	23.29	22.97	23.03	22.96	23.04
	64QAM	1	0	23.38	**23.69**	23.55	23.51	23.43	23.46	22.98	22.92	22.90	22.76	22.66	22.81
		1	1	23.48	23.68	23.61	**23.59**	23.35	23.38	22.74	22.91	22.95	22.67	22.37	22.74
		1	23	23.43	23.60	23.56	23.52	23.47	23.43	**23.09**	22.68	22.94	22.47	22.30	22.57
		1	24	23.41	23.59	23.54	23.54	23.29	23.39	22.78	22.86	22.70	22.51	22.78	**22.82**
		12	6	23.36	23.33	23.40	23.39	23.35	23.42	22.81	22.72	22.71	22.47	22.56	22.59
		25	0	23.32	23.34	23.38	23.48	23.44	23.45	22.90	22.87	22.64	22.59	22.58	22.62
	256QAM	1	0	**21.83**	21.75	21.66	21.37	21.69	21.59	**20.98**	20.79	20.90	20.39	20.55	**20.62**
		1	1	21.75	21.79	21.67	21.19	21.67	21.70	20.62	20.79	20.57	20.32	20.27	20.42
		1	23	21.73	21.71	21.61	21.27	21.64	21.70	20.57	20.78	20.56	20.46	20.46	20.24
		1	24	21.73	21.59	21.62	21.33	21.64	**21.73**	20.88	20.64	20.62	20.45	20.53	20.40
		12	6	21.26	21.27	21.35	21.39	21.34	21.48	20.69	20.71	20.65	20.40	20.43	20.45
		25	0	21.27	21.29	21.33	21.39	21.39	21.40	20.87	20.83	20.83	20.51	20.57	20.56

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	25.35	25.51	25.34	25.50	25.31	25.41	24.89	24.93	24.77	24.65	24.61	24.59
		1	1	25.65	**25.70**	25.65	25.64	25.55	**25.70**	25.46	**25.47**	25.40	25.14	25.05	25.09
		1	50	25.54	25.64	25.56	25.61	25.50	25.61	25.41	25.32	25.24	25.07	**25.20**	25.16
		1	51	25.28	25.41	25.36	25.37	25.35	25.42	24.88	24.76	24.74	24.57	24.66	24.65
		25	12	25.60	25.62	25.60	25.69	25.59	25.63	25.39	25.41	25.25	25.09	25.09	25.14
		50	0	25.42	25.46	25.46	25.56	25.42	25.47	24.92	24.83	24.77	24.66	24.62	24.66
	QPSK	1	0	24.92	24.99	24.94	24.94	24.94	24.97	24.48	24.37	24.39	24.16	24.11	24.06
		1	1	**25.70**	**25.70**	**25.70**	25.59	**25.70**	**25.70**	25.42	25.49	**25.50**	**25.20**	25.13	25.09
		1	50	25.62	25.61	25.61	25.58	25.56	25.58	25.31	25.26	25.21	25.08	25.15	25.15
		1	51	24.87	24.86	24.90	24.92	24.87	24.89	24.21	24.27	24.23	23.98	24.15	24.21
		25	12	25.61	**25.70**	25.67	**25.70**	25.61	25.69	25.36	25.26	25.16	25.19	25.12	25.16
		50	0	24.90	24.99	24.96	25.01	24.91	24.98	24.26	24.19	24.08	24.17	24.20	24.14
	16QAM	1	0	23.83	23.92	24.11	24.34	23.66	24.19	23.55	23.31	23.23	23.07	22.77	23.14
		1	1	24.91	24.96	**25.23**	25.20	24.68	25.19	24.38	24.36	**24.66**	24.43	24.37	23.92
		1	50	24.83	24.99	25.12	**25.23**	24.82	25.15	24.34	24.56	24.29	24.26	23.98	**24.48**
		1	51	23.84	23.91	24.17	24.29	23.66	24.15	23.51	23.56	23.33	23.20	23.10	23.03
		25	12	24.95	24.97	24.95	25.02	24.91	24.99	24.35	24.19	24.28	24.12	24.00	24.09
		50	0	23.91	23.96	23.92	24.00	23.83	24.02	23.36	23.27	23.24	23.11	23.18	23.12
	64QAM	1	0	23.44	23.45	23.23	**23.68**	23.46	23.47	22.76	22.90	22.95	22.80	22.80	22.67
		1	1	**23.54**	23.45	23.34	23.66	23.38	23.56	**23.07**	22.83	22.92	22.60	**22.86**	22.76
		1	50	23.39	23.40	23.25	23.63	23.35	23.66	22.93	22.77	22.77	22.48	22.83	22.85
		1	51	23.41	23.33	23.28	23.62	23.35	23.33	22.87	22.64	22.89	22.65	22.75	22.50
		25	12	23.48	23.44	23.38	23.61	23.46	23.51	22.92	22.83	22.85	22.64	22.68	22.60
		50	0	23.39	23.42	23.34	23.59	23.37	23.53	22.91	22.83	22.74	22.62	22.72	22.66
	256QAM	1	0	21.68	21.69	21.66	**21.86**	21.63	21.64	20.93	20.87	20.73	**20.72**	20.53	20.57
		1	1	**21.79**	21.73	21.70	21.72	21.68	21.61	20.63	20.72	20.60	20.60	20.52	20.40
		1	50	21.71	21.59	21.68	21.69	21.54	21.43	20.42	20.50	20.71	20.62	20.59	20.52
		1	51	21.69	21.53	21.65	21.72	21.57	21.56	20.58	20.63	**20.98**	20.62	20.56	20.54
		25	12	21.35	21.39	21.27	21.41	21.30	21.44	20.94	20.87	20.90	20.55	20.62	20.70
		50	0	21.38	21.42	21.28	21.47	21.35	21.44	20.82	20.82	20.81	20.58	20.65	20.61

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		25.40			25.50			24.96			24.58	
		1	1		**25.64**			**25.70**			**25.50**			**25.20**	
		1	77		25.61			25.66			25.45			25.01	
		1	78		25.36			25.50			24.89			24.51	
		36	18		25.50			25.52			25.37			24.94	
		75	0		25.37			25.36			24.85			24.47	
	QPSK	1	0		25.00			24.92			24.39			24.09	
		1	1		**25.70**			**25.63**			**25.45**			25.01	
		1	77		25.57			**25.63**			25.34			**25.08**	
		1	78		24.89			24.91			24.28			24.16	
		36	18		25.56			25.62			25.13			24.90	
		75	0		24.91			24.94			24.07			23.99	
	16QAM	1	0		23.87			24.08			23.32			23.33	
		1	1		24.83			**25.12**			**24.38**			24.21	
		1	77		24.74			25.06			24.31			**24.26**	
		1	78		23.70			24.14			23.32			23.05	
		36	18		**24.90**			24.90			24.32			23.96	
		75	0		23.87			23.94			23.29			23.03	
	64QAM	1	0		**23.67**			**23.72**			23.12			**22.84**	
		1	1		23.64			23.52			23.16			22.74	
		1	77		23.62			23.49			**23.25**			22.36	
		1	78		23.53			23.40			23.09			22.44	
		36	18		23.36			23.45			23.00			22.56	
		75	0		23.34			23.43			22.91			22.59	
	256QAM	1	0		21.68			21.63			**21.27**			**20.53**	
		1	1		**21.77**			**21.66**			21.16			20.41	
		1	77		21.59			21.63			20.89			20.45	
		1	78		21.57			21.61			20.83			20.47	
		36	18		21.34			21.39			21.00			20.52	
		75	0		21.30			21.41			20.97			20.49	

8.14. LTE BAND 71 AND 5G NR n71

LTE BAND 71

Test Engineer ID:	39004	Test Date:	11/9/2022

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	25.59	25.61	25.50	24.58	24.57	24.63	25.34	25.24	25.31
		1	12	**25.70**	**25.70**	25.54	**24.70**	**24.70**	**24.70**	**25.40**	**25.40**	**25.40**
		1	24	25.55	25.52	25.40	24.60	24.57	24.58	25.32	25.22	25.25
		12	0	24.84	24.89	24.79	23.52	23.54	23.66	24.31	24.25	24.37
		12	6	24.95	24.99	24.80	23.65	23.66	23.68	24.38	24.35	24.35
		12	11	24.93	24.91	24.78	23.61	23.60	23.65	24.34	24.33	24.33
		25	0	24.90	24.92	24.81	23.60	23.60	23.67	24.38	24.31	24.33
	16QAM	1	0	25.05	25.08	24.97	23.92	23.91	24.02	24.54	24.43	24.51
		1	12	25.12	**25.28**	25.05	24.04	24.03	**24.08**	24.54	24.57	**24.65**
		1	24	25.06	25.05	24.93	23.93	23.96	24.00	24.50	24.43	24.50
		12	0	23.95	23.95	23.88	22.66	22.55	22.68	23.35	23.20	23.42
		12	6	24.04	24.04	23.87	22.77	22.66	22.70	23.47	23.34	23.45
		12	11	24.01	23.96	23.81	22.74	22.62	22.68	23.39	23.30	23.38
		25	0	23.93	23.94	23.80	22.63	22.61	22.70	23.35	23.32	23.32
	64QAM	1	0	23.94	**24.00**	23.83	22.76	22.61	22.81	23.48	23.33	23.50
		1	12	23.98	23.99	23.98	22.81	22.70	**22.87**	23.49	23.44	**23.51**
		1	24	23.90	23.94	23.89	22.76	22.66	22.79	23.45	23.36	23.46
		12	0	22.85	22.91	22.84	21.58	21.53	21.67	22.34	22.28	22.38
		12	6	22.99	22.99	22.87	21.68	21.63	21.72	22.42	22.35	22.40
		12	11	22.93	22.95	22.83	21.65	21.60	21.66	22.37	22.35	22.35
		25	0	22.93	22.91	22.80	21.64	21.60	21.66	22.37	22.30	22.35
	256QAM	1	0	20.94	21.06	20.88	19.69	19.62	19.74	20.35	20.31	20.48
		1	12	**21.11**	21.08	20.98	**19.83**	19.71	19.79	**20.49**	20.43	20.47
		1	24	20.98	20.87	20.91	19.76	19.64	19.73	20.35	20.36	20.33
		12	0	20.85	20.87	20.79	19.58	19.52	19.70	20.28	20.24	20.36
		12	6	20.95	20.95	20.83	19.67	19.61	19.70	20.40	20.37	20.35
		12	11	20.91	20.89	20.79	19.62	19.59	19.68	20.35	20.30	20.35
		25	0	20.92	20.92	20.78	19.64	19.58	19.67	20.35	20.31	20.33

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	25.68	**25.70**	25.67	24.69	**24.70**	**24.70**	**25.40**	25.38	25.39
		1	24	**25.70**	25.61	25.58	**24.70**	24.69	**24.70**	25.37	**25.40**	**25.40**
		1	49	25.66	25.43	25.45	24.64	24.65	24.61	25.28	25.38	25.31
		25	0	24.93	24.92	24.87	23.63	23.67	23.64	24.30	24.34	24.36
		25	12	25.03	24.86	24.85	23.72	23.73	23.64	24.39	24.36	24.36
		25	24	24.97	24.85	24.84	23.67	23.69	23.68	24.34	24.42	24.40
		50	0	24.99	24.82	24.85	23.71	23.70	23.62	24.34	24.41	24.34
	16QAM	1	0	25.07	25.17	**25.18**	24.03	24.04	**24.09**	**24.57**	24.53	**24.57**
		1	24	25.13	25.09	25.01	23.95	23.98	23.92	24.48	**24.57**	24.55
		1	49	25.08	24.90	24.92	24.01	23.97	24.02	24.45	**24.57**	24.46
		25	0	23.94	23.93	23.88	22.67	22.72	22.69	23.34	23.35	23.37
		25	12	24.04	23.90	23.84	22.76	22.79	22.70	23.41	23.34	23.38
		25	24	23.99	23.87	23.86	22.72	22.74	22.73	23.34	23.40	23.40
		50	0	24.00	23.83	23.85	22.70	22.72	22.65	23.39	23.40	23.34
	64QAM	1	0	24.10	**24.27**	24.21	22.90	22.85	22.87	23.57	23.50	23.47
		1	24	24.20	24.19	24.15	22.88	22.85	**22.94**	23.57	23.56	23.54
		1	49	24.09	24.01	24.02	22.81	22.82	22.83	23.48	**23.60**	23.48
		25	0	22.96	22.92	22.87	21.66	21.65	21.63	22.36	22.35	22.39
		25	12	23.03	22.87	22.83	21.73	21.69	21.65	22.40	22.37	22.39
		25	24	23.01	22.86	22.85	21.69	21.67	21.68	22.35	22.43	22.42
		50	0	23.03	22.85	22.85	21.72	21.69	21.62	22.38	22.44	22.37
	256QAM	1	0	21.09	21.03	21.01	19.72	19.69	19.81	20.43	20.41	20.51
		1	24	**21.23**	21.01	21.00	19.82	19.79	**19.87**	20.48	20.54	**20.62**
		1	49	21.17	20.90	20.91	19.77	19.74	19.77	20.40	20.51	20.53
		25	0	20.92	20.91	20.85	19.64	19.61	19.61	20.30	20.34	20.37
		25	12	21.03	20.86	20.84	19.72	19.70	19.64	20.37	20.37	20.40
		25	24	20.99	20.84	20.85	19.69	19.64	19.65	20.34	20.42	20.42
		50	0	21.01	20.84	20.81	19.68	19.66	19.59	20.36	20.40	20.34

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	25.61	25.61	25.54	24.69	24.63	**24.70**	**25.40**	25.32	25.28
		1	37	**25.70**	25.61	25.40	**24.70**	**24.70**	24.67	25.39	25.39	**25.40**
		1	74	25.56	25.38	25.19	24.67	24.56	24.61	25.36	**25.40**	25.28
		36	0	24.97	24.94	24.81	23.69	23.63	23.70	24.41	24.33	24.38
		36	16	25.03	24.94	24.71	23.79	23.71	23.69	24.47	24.41	24.39
		36	35	24.99	24.84	24.69	23.74	23.67	23.72	24.41	24.41	24.43
		75	0	25.00	24.94	24.75	23.77	23.69	23.73	24.46	24.41	24.38
	16QAM	1	0	25.11	25.18	25.04	23.97	23.81	24.02	24.62	24.50	24.55
		1	37	**25.24**	25.17	24.89	**24.04**	23.93	23.97	24.62	24.64	**24.66**
		1	74	25.08	24.91	24.75	23.96	23.72	23.83	24.56	24.58	24.51
		36	0	23.96	23.95	23.80	22.73	22.65	22.73	23.43	23.35	23.38
		36	16	24.04	23.96	23.71	22.80	22.73	22.72	23.47	23.46	23.40
		36	35	23.98	23.87	23.69	22.75	22.69	22.75	23.43	23.41	23.43
		75	0	24.04	23.94	23.76	22.80	22.72	22.70	23.49	23.44	23.40
	64QAM	1	0	24.17	24.14	24.01	22.85	22.70	22.91	**23.68**	23.55	23.57
		1	37	**24.27**	24.09	23.89	**22.93**	22.74	**22.93**	23.67	23.64	23.66
		1	74	24.14	23.90	23.69	22.82	22.64	22.79	23.61	23.62	23.54
		36	0	22.97	22.95	22.83	21.72	21.61	21.69	22.41	22.36	22.38
		36	16	23.04	22.95	22.78	21.80	21.67	21.69	22.45	22.45	22.40
		36	35	22.97	22.83	22.72	21.76	21.63	21.70	22.42	22.43	22.44
		75	0	23.04	22.94	22.78	21.81	21.67	21.67	22.48	22.45	22.40
	256QAM	1	0	21.02	21.09	20.99	19.69	19.62	19.78	20.47	20.35	20.36
		1	37	**21.17**	21.03	20.87	19.75	19.69	19.76	20.51	20.48	20.53
		1	74	21.08	20.90	20.83	**19.84**	19.71	19.75	20.57	**20.58**	20.52
		36	0	20.99	20.95	20.84	19.74	19.62	19.69	20.41	20.33	20.40
		36	16	21.04	20.96	20.74	19.79	19.67	19.69	20.45	20.42	20.38
		36	35	21.00	20.87	20.74	19.76	19.65	19.73	20.43	20.42	20.45
		75	0	21.03	20.93	20.75	19.82	19.67	19.66	20.46	20.44	20.40

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	25.61	**25.70**	25.66	24.67	**24.70**	**24.70**	**25.40**	25.32	25.32
		1	49	25.67	25.60	25.41	**24.70**	24.66	24.69	25.35	25.35	**25.40**
		1	99	25.53	25.31	25.19	24.69	24.56	24.52	**25.40**	**25.40**	25.37
		50	0	25.03	24.98	24.92	23.76	23.68	23.69	24.43	24.37	24.39
		50	24	25.09	24.89	24.79	23.81	23.73	23.69	24.48	24.47	24.48
		50	49	24.98	24.79	24.74	23.75	23.66	23.69	24.43	24.44	24.45
		100	0	25.07	24.93	24.83	23.83	23.65	23.70	24.51	24.38	24.40
	16QAM	1	0	25.14	25.13	25.03	23.93	23.87	23.93	24.56	24.47	24.51
		1	49	25.23	**25.31**	25.05	**24.07**	24.00	24.01	24.64	24.71	**24.79**
		1	99	25.07	24.72	24.69	23.89	23.84	23.81	24.56	24.54	24.43
		50	0	24.06	23.97	23.91	22.75	22.70	22.73	23.42	23.39	23.39
		50	24	24.09	23.84	23.81	22.83	22.75	22.70	23.48	23.49	23.49
		50	49	23.99	23.78	23.73	22.75	22.68	22.72	23.42	23.43	23.43
		100	0	24.06	23.95	23.84	22.83	22.66	22.69	23.47	23.40	23.42
	64QAM	1	0	24.11	24.09	24.11	22.86	22.73	22.80	23.59	23.45	23.49
		1	49	**24.26**	24.14	24.01	**22.97**	22.81	22.90	23.60	**23.69**	23.57
		1	99	23.99	23.73	23.63	22.84	22.67	22.66	23.52	23.58	23.49
		50	0	23.01	22.95	22.88	21.76	21.63	21.67	22.42	22.36	22.36
		50	24	23.07	22.82	22.78	21.82	21.69	21.64	22.47	22.45	22.45
		50	49	22.96	22.74	22.68	21.77	21.60	21.65	22.40	22.41	22.42
		100	0	23.07	22.93	22.80	21.84	21.60	21.65	22.49	22.37	22.41
	256QAM	1	0	21.12	21.07	**21.14**	19.87	19.81	19.86	20.60	20.41	20.51
		1	49	21.13	20.94	20.87	19.94	19.84	19.85	20.45	20.50	20.55
		1	99	**21.14**	20.80	20.74	**19.99**	19.83	19.82	**20.66**	20.62	20.65
		50	0	21.03	20.93	20.86	19.75	19.64	19.67	20.42	20.36	20.37
		50	24	21.07	20.79	20.79	19.80	19.69	19.64	20.46	20.43	20.44
		50	49	20.98	20.77	20.73	19.79	19.66	19.67	20.44	20.43	20.41
		100	0	21.05	20.89	20.78	19.84	19.60	19.63	20.49	20.38	20.37

5G NR n71

Test Engineer ID:	29435	Test Date:	11/7/2022

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	25.43	25.32	25.45	24.42	24.39	24.29	25.19	25.22	25.13
		1	1	**25.70**	25.59	**25.70**	24.60	24.43	24.52	**25.40**	25.34	**25.40**
		1	23	25.61	25.54	25.59	24.53	24.47	24.66	25.31	25.33	25.30
		1	24	25.42	25.25	25.38	24.29	24.30	24.42	25.05	25.13	25.04
		12	6	25.65	25.58	25.65	24.62	**24.70**	24.62	25.28	25.37	25.34
		25	0	25.37	25.31	25.45	24.34	24.31	24.34	25.01	25.11	25.07
	QPSK	1	0	24.54	24.91	24.92	24.02	23.89	23.92	23.80	24.66	24.62
		1	1	25.65	**25.70**	25.62	**24.70**	24.60	24.61	24.86	25.33	25.35
		1	23	25.59	25.63	25.54	24.58	24.67	**24.70**	25.30	25.34	25.24
		1	24	24.85	24.82	24.79	23.80	23.92	23.94	24.52	24.59	24.50
		12	6	25.65	25.62	25.67	24.61	24.69	24.61	25.27	**25.40**	25.35
		25	0	24.91	24.82	24.93	23.85	23.88	23.89	24.56	24.64	24.63
	16QAM	1	0	23.50	23.89	24.13	22.92	22.99	23.26	22.77	23.27	23.65
		1	1	24.61	24.91	**25.22**	24.00	23.95	24.30	23.84	24.19	24.67
		1	23	24.72	24.82	25.11	23.80	23.95	**24.34**	24.49	24.23	24.58
		1	24	23.70	23.77	24.08	22.71	22.99	23.33	23.45	23.19	23.53
		12	6	24.95	24.86	25.09	23.97	23.96	23.88	24.62	**24.68**	24.59
		25	0	23.87	23.77	23.97	22.84	22.88	22.82	23.55	23.58	23.61
	64QAM	1	0	23.36	23.36	**23.64**	22.53	**22.61**	22.47	22.29	22.98	23.18
		1	1	23.42	23.41	23.60	22.55	22.53	22.52	22.36	22.88	23.16
		1	23	23.61	23.29	23.53	22.42	22.41	22.54	22.98	22.91	23.13
		1	24	23.55	23.26	23.48	22.36	22.37	22.58	22.97	22.85	23.08
		12	6	23.47	23.38	23.58	22.39	22.41	22.32	22.96	23.16	23.14
		25	0	23.47	23.34	23.49	22.33	22.34	22.34	23.05	**23.21**	23.13
	256QAM	1	0	21.80	21.72	21.77	20.47	**20.54**	20.08	21.20	21.27	21.31
		1	1	**21.82**	21.75	21.75	20.43	20.48	20.16	21.25	21.19	**21.35**
		1	23	21.65	21.61	21.70	20.32	20.37	20.16	21.34	21.21	21.22
		1	24	21.65	21.58	21.66	20.29	20.25	20.16	21.32	21.16	21.24
		12	6	21.34	21.28	21.39	20.37	20.29	20.39	21.11	21.16	21.15
		25	0	21.38	21.26	21.45	20.36	20.37	20.29	21.00	21.06	21.01

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	25.46	25.52	25.49	24.38	24.47	24.31	25.17	25.28	25.22
		1	1	**25.70**	25.62	**25.70**	24.66	24.55	24.59	**25.40**	**25.40**	**25.40**
		1	50	25.50	25.63	25.55	24.40	**24.70**	**24.70**	25.16	25.39	25.28
		1	51	25.30	25.42	25.34	24.16	24.51	24.49	24.95	25.21	25.04
		25	12	25.51	25.60	25.53	24.52	24.52	24.50	25.17	25.28	25.24
		50	0	25.34	25.39	25.35	24.33	24.37	24.29	25.02	25.14	25.09
	QPSK	1	0	24.66	25.05	24.96	24.00	23.95	23.83	23.70	24.65	24.64
		1	1	25.62	25.66	25.68	**24.70**	24.52	24.48	24.77	25.25	**25.37**
		1	50	25.47	**25.70**	25.53	24.48	24.65	24.64	25.10	25.30	25.20
		1	51	24.78	24.99	24.76	23.72	23.97	23.99	24.39	24.59	24.47
		25	12	25.57	25.61	25.57	24.57	24.55	24.53	25.22	25.34	25.30
		50	0	24.84	24.89	24.83	23.88	23.85	23.79	24.49	24.63	24.57
	16QAM	1	0	23.83	24.11	23.98	22.93	22.75	22.89	22.88	23.67	23.91
		1	1	24.91	25.03	25.03	**24.13**	23.77	23.88	23.94	24.59	**24.87**
		1	50	24.90	**25.06**	24.90	23.77	23.89	23.96	24.41	24.61	24.74
		1	51	23.82	24.04	23.82	22.81	22.82	22.98	23.33	23.56	23.73
		25	12	24.91	24.87	24.86	23.82	23.82	23.85	24.47	24.62	24.57
		50	0	23.82	23.91	23.83	22.75	22.83	22.81	23.47	23.62	23.59
	64QAM	1	0	23.40	23.57	**23.58**	22.54	22.37	22.47	22.26	**23.31**	23.23
		1	1	23.46	23.49	**23.58**	22.59	22.36	**22.62**	22.33	23.24	23.25
		1	50	23.46	23.53	23.43	22.38	22.37	**22.62**	22.75	23.25	23.05
		1	51	23.46	23.50	23.42	22.35	22.39	22.61	22.75	23.24	23.04
		25	12	23.39	23.40	23.35	22.23	22.24	22.25	23.01	23.21	23.13
		50	0	23.32	23.40	23.31	22.23	22.29	22.25	22.97	23.13	23.05
	256QAM	1	0	21.70	21.74	21.75	20.43	**20.78**	20.09	20.92	**21.25**	21.21
		1	1	21.67	21.69	**21.77**	20.37	20.51	20.22	21.00	21.16	21.24
		1	50	21.53	21.68	21.60	20.13	20.73	20.24	20.93	21.18	21.08
		1	51	21.48	21.65	21.52	20.08	20.70	20.18	20.89	21.15	21.07
		25	12	21.29	21.36	21.30	20.27	20.29	20.27	20.92	21.06	21.00
		50	0	21.33	21.33	21.31	20.27	20.30	20.25	20.98	21.12	21.05

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	25.44	25.36	25.47	24.49	24.59	24.41	25.13	25.30	25.29
		1	1	**25.67**	25.57	25.59	**24.70**	24.68	24.47	**25.40**	**25.40**	**25.40**
		1	77	25.37	25.38	25.41	24.41	**24.70**	**24.70**	25.16	25.26	25.20
		1	78	25.17	25.15	25.19	24.26	24.53	24.51	24.91	25.08	24.95
		36	18	25.47	25.37	25.49	24.37	24.53	24.55	25.03	25.26	25.21
		75	0	25.28	25.18	25.34	24.19	24.38	23.83	24.89	25.10	25.07
	QPSK	1	0	24.72	24.92	25.03	23.97	24.02	23.46	23.78	24.75	24.69
		1	1	**25.70**	**25.70**	**25.70**	**24.67**	24.62	24.25	24.84	**25.40**	25.30
		1	77	25.45	25.47	25.55	24.34	24.64	24.57	25.12	25.26	25.09
		1	78	24.67	24.67	24.79	23.56	23.90	23.88	24.42	24.55	24.40
		36	18	25.52	25.42	25.57	24.43	24.59	24.53	25.12	25.30	25.34
		75	0	24.83	24.75	24.90	23.73	23.90	23.82	24.44	24.62	24.62
	16QAM	1	0	23.34	23.64	24.05	23.06	23.25	22.47	22.63	23.58	23.81
		1	1	24.42	24.71	**24.93**	24.01	**24.24**	23.45	23.71	24.44	**24.68**
		1	77	24.36	24.52	24.75	23.80	24.15	23.91	24.33	24.40	24.50
		1	78	23.28	23.44	23.71	22.78	23.07	22.83	23.30	23.37	23.46
		36	18	24.83	24.71	24.91	23.72	23.93	23.82	24.44	24.59	24.63
		75	0	23.79	23.69	23.87	22.73	22.87	22.83	23.43	23.60	23.60
	64QAM	1	0	23.34	23.25	**23.59**	22.47	**22.71**	22.36	22.32	**23.40**	23.34
		1	1	23.43	23.27	23.52	22.44	22.64	22.36	22.38	23.30	23.25
		1	77	23.41	23.10	23.27	22.11	22.49	22.48	22.96	23.18	23.01
		1	78	23.38	23.08	23.32	22.12	22.51	22.57	22.94	23.15	22.99
		36	18	23.30	23.18	23.40	22.23	22.35	22.33	22.89	23.09	23.07
		75	0	23.30	23.15	23.36	22.19	22.34	22.28	22.93	23.09	23.08
	256QAM	1	0	21.82	21.78	**21.98**	**20.61**	20.59	20.47	20.77	21.27	**21.56**
		1	1	21.80	21.80	21.92	20.47	20.42	20.35	20.84	21.20	21.45
		1	77	21.49	21.59	21.69	20.32	20.42	20.56	21.10	21.08	21.23
		1	78	21.48	21.61	21.71	20.18	20.37	20.56	21.06	21.03	21.19
		36	18	21.32	21.21	21.39	20.24	20.40	20.43	20.84	21.03	21.03
		75	0	21.30	21.14	21.32	20.21	20.29	20.27	20.90	21.07	21.08

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	25.36	25.47	25.43	24.38	24.47	24.32	23.92	24.29	24.86
		1	1	25.61	**25.70**	25.59	24.60	24.61	24.44	24.20	24.42	24.96
		1	104	25.24	25.42	25.30	24.15	**24.70**	24.62	25.07	**25.33**	24.99
		1	105	25.06	25.19	25.11	23.98	24.49	24.44	24.88	25.12	24.79
		50	25	25.45	25.44	25.55	24.28	24.50	24.50	24.50	24.99	25.32
		100	0	25.23	25.24	25.23	24.10	24.34	24.26	24.38	24.80	24.99
	QPSK	1	0	24.88	24.97	25.08	23.94	24.06	24.02	22.98	23.50	24.29
		1	1	**25.70**	**25.70**	**25.70**	**24.70**	24.55	24.13	24.34	24.37	25.03
		1	104	25.30	25.40	25.43	24.21	24.67	**24.70**	25.22	25.26	24.93
		1	105	24.62	24.70	24.69	23.49	23.92	23.85	24.45	24.58	24.00
		50	25	25.54	25.52	25.62	24.36	24.54	24.48	24.51	25.02	**25.39**
		100	0	24.80	24.78	24.78	23.58	23.23	23.76	23.83	24.24	24.43
	16QAM	1	0	24.02	24.12	23.99	22.67	22.46	22.69	21.99	22.67	23.43
		1	1	25.07	**25.09**	24.93	23.70	23.33	23.74	23.30	23.53	24.36
		1	104	24.86	24.81	24.66	23.27	23.39	**23.83**	**24.71**	24.54	24.23
		1	105	23.86	23.81	23.62	22.24	22.38	22.82	23.68	23.47	23.30
		50	25	24.77	24.79	24.90	23.53	23.75	23.79	23.82	24.24	24.65
		100	0	23.79	23.79	23.72	22.63	22.68	22.69	22.86	23.29	23.44
	64QAM	1	0	23.34	23.51	**23.63**	22.48	22.37	22.30	21.15	22.10	22.60
		1	1	23.39	23.49	23.53	**22.51**	22.26	21.94	21.35	22.02	22.49
		1	104	23.15	23.23	23.26	21.94	22.25	22.23	22.75	22.97	22.36
		1	105	23.17	23.22	23.20	22.07	22.24	21.98	22.76	22.97	22.35
		50	25	23.30	23.25	23.38	22.07	22.07	22.22	22.30	22.79	**23.11**
		100	0	23.24	23.23	23.22	22.06	21.97	22.13	22.36	22.76	22.95
	256QAM	1	0	21.77	21.91	**22.01**	**20.66**	20.16	20.10	19.61	20.12	20.64
		1	1	21.78	21.89	21.88	20.57	20.13	20.16	19.78	20.03	20.59
		1	104	21.51	21.74	21.70	20.29	20.25	20.24	20.84	**21.10**	20.83
		1	105	21.49	21.70	21.70	20.35	20.35	20.05	20.86	**21.10**	20.79
		50	25	21.18	21.22	21.29	20.12	20.06	20.24	20.23	20.75	21.07
		100	0	21.23	21.20	21.20	20.12	20.09	20.14	20.28	20.71	20.94

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

Test Engineer ID:	28568	Test Date:	11/9/2022

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	26.08	26.08	26.16	23.77	23.80	23.84	26.07	26.13	26.25	22.80	22.77	22.92
		1	1	28.28	28.21	28.35	25.97	26.05	26.16	28.28	28.29	28.40	24.98	25.02	25.12
		1	22	28.39	28.36	28.30	25.98	26.01	**26.20**	28.36	28.31	28.39	25.05	25.00	25.17
		1	23	26.15	26.08	26.10	23.70	23.84	23.93	26.13	26.14	26.28	22.72	22.72	22.86
		12	6	**28.70**	28.30	28.31	25.98	26.03	26.11	28.38	28.30	28.42	25.05	25.00	**25.20**
		24	0	28.34	28.25	28.27	25.93	26.05	26.17	28.31	28.31	**28.70**	25.02	25.01	25.13
	QPSK	1	0	25.55	25.59	25.54	23.75	23.89	23.89	26.19	26.20	26.29	22.61	22.56	22.63
		1	1	**27.87**	27.69	27.67	25.99	26.07	26.09	28.47	28.35	**28.51**	24.81	24.76	24.88
		1	22	27.83	27.81	27.72	25.97	26.09	26.09	28.50	28.40	**28.51**	24.87	24.80	24.91
		1	23	25.50	25.61	25.43	23.69	23.78	23.83	26.25	26.12	26.18	22.57	22.56	22.62
		12	6	27.70	27.81	27.77	25.89	26.11	**26.16**	28.47	28.35	28.46	24.82	24.84	24.94
		24	0	27.54	27.74	27.78	25.95	25.98	26.14	28.45	28.39	28.40	24.71	24.87	**24.96**
	16QAM	1	0	25.36	25.60	25.88	24.03	23.88	23.91	26.13	26.00	26.44	22.64	22.51	22.69
		1	1	27.48	27.74	27.98	25.50	25.98	25.60	28.36	28.21	**28.64**	24.83	24.91	24.91
		1	22	27.61	27.77	**28.10**	25.90	25.99	**26.00**	28.21	28.34	28.44	24.84	24.77	24.85
		1	23	25.40	25.66	25.66	23.90	23.82	**26.00**	26.09	26.02	26.37	22.58	22.67	22.73
		12	6	27.64	27.74	27.69	25.88	25.97	25.90	28.34	28.29	28.32	24.71	24.82	**24.99**
		24	0	27.05	26.93	27.00	25.18	25.32	25.44	27.71	27.69	27.71	23.87	24.16	24.28
	64QAM	1	0	25.80	25.40	25.58	23.91	23.91	23.97	26.15	26.17	26.36	22.50	22.37	22.43
		1	1	**26.73**	26.31	26.60	24.95	24.99	**25.03**	27.29	27.21	27.30	23.46	23.26	23.44
		1	22	**26.73**	26.44	26.65	25.03	24.99	24.91	27.22	27.30	**27.33**	23.35	23.23	23.42
		1	23	25.59	25.36	25.58	23.88	23.96	23.91	26.33	26.20	26.22	22.50	22.14	22.38
		12	6	26.57	26.48	26.51	24.76	24.81	24.89	27.18	27.11	27.19	23.42	23.54	23.59
		24	0	26.55	26.48	26.56	24.70	24.79	24.85	27.22	27.08	27.26	23.23	23.58	**23.73**
	256QAM	1	0	**24.74**	24.60	24.67	22.88	23.09	22.94	25.33	25.29	25.34	21.47	21.43	21.61
		1	1	24.72	24.56	24.58	22.80	**23.13**	23.04	25.37	25.22	25.29	21.39	21.22	**21.72**
		1	22	**24.74**	24.63	24.65	22.86	23.01	22.95	25.20	25.35	25.30	21.42	21.43	21.64
		1	23	24.61	24.55	24.56	22.86	23.06	23.05	25.37	**25.47**	25.21	21.40	21.45	21.54
		12	6	24.40	24.52	24.45	22.70	22.77	22.75	25.05	25.02	25.10	21.51	21.43	21.68
		24	0	24.43	24.47	24.50	22.69	22.77	22.77	25.13	25.12	25.19	21.49	21.54	21.68

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	26.19	26.27	26.27	23.83	23.99	23.95	26.30	26.18	26.04	22.83	22.91	22.91
		1	1	28.35	28.47	28.50	26.08	**26.20**	26.19	28.48	28.42	28.27	25.10	25.12	25.12
		1	36	28.43	**28.70**	**28.70**	26.06	26.16	**26.20**	**28.70**	28.48	28.27	25.08	**25.20**	25.14
		1	37	26.21	26.29	26.30	23.85	23.95	23.90	26.07	26.20	26.04	22.89	22.98	22.88
		18	9	28.30	28.41	28.37	26.03	26.12	26.06	28.33	28.29	28.26	25.04	25.08	25.09
		36	0	28.35	28.42	28.43	26.10	26.10	26.09	28.35	28.30	28.25	25.05	25.09	25.07
	QPSK	1	0	25.72	25.85	25.89	23.89	23.99	23.93	26.18	26.07	26.09	22.58	22.68	22.69
		1	1	28.04	27.97	**28.11**	26.10	26.15	**26.20**	28.39	28.32	28.32	24.83	24.92	24.92
		1	36	27.99	28.01	28.09	26.10	26.16	26.15	**28.47**	28.28	28.25	24.85	**24.93**	24.85
		1	37	25.80	25.71	25.86	23.85	23.92	23.89	26.18	26.10	26.02	22.59	22.75	22.64
		18	9	27.94	27.95	28.07	26.00	26.16	26.04	28.31	28.37	28.28	24.85	24.90	24.86
		36	0	27.89	27.96	27.93	26.06	26.17	26.03	28.32	28.30	28.25	24.56	24.87	24.85
	16QAM	1	0	26.10	25.94	25.76	23.94	24.13	23.77	26.35	26.38	26.15	22.96	22.51	22.01
		1	1	**28.27**	28.11	27.85	25.98	25.90	**26.00**	28.53	**28.60**	28.52	24.80	24.77	24.29
		1	36	28.25	28.00	27.69	25.90	25.80	25.90	28.47	28.47	28.48	**24.93**	24.77	24.30
		1	37	26.03	25.75	25.76	23.95	24.07	23.85	26.46	26.30	26.21	23.02	22.62	22.07
		18	9	27.86	27.99	27.95	25.66	25.95	25.80	28.43	28.31	28.27	24.50	24.87	24.85
		36	0	27.12	27.00	27.05	25.45	25.42	25.28	27.81	27.34	27.47	23.67	24.05	24.12
	64QAM	1	0	25.96	25.68	25.86	24.16	23.90	23.61	26.62	26.33	26.12	22.34	22.57	22.40
		1	1	26.89	26.80	26.59	25.05	25.01	24.65	**27.78**	27.39	27.15	23.03	23.49	23.54
		1	36	**26.94**	26.74	26.56	**25.07**	24.84	24.68	27.51	27.21	27.22	22.98	23.58	23.56
		1	37	25.86	25.86	25.72	24.01	23.91	23.66	26.57	26.18	25.95	22.39	22.54	22.40
		18	9	26.65	26.65	26.48	24.77	24.92	24.75	27.12	26.81	26.87	23.25	23.55	**23.64**
		36	0	26.66	26.70	26.55	24.80	24.87	24.82	27.19	26.96	26.91	23.11	23.58	23.58
	256QAM	1	0	24.64	25.07	24.90	**23.27**	22.91	23.04	25.39	25.29	24.76	21.32	**21.70**	21.43
		1	1	24.59	24.86	24.89	23.05	23.09	23.16	25.40	25.27	25.18	21.29	21.61	21.36
		1	36	24.59	24.98	24.97	23.26	23.00	23.04	25.42	25.12	24.98	21.33	21.68	21.41
		1	37	24.60	**25.09**	24.88	23.19	22.97	23.25	**25.43**	25.12	24.99	21.38	21.56	21.37
		18	9	24.67	24.72	24.73	22.81	22.89	22.80	25.17	24.89	25.06	21.56	21.62	21.51
		36	0	24.67	24.70	24.69	22.73	22.87	22.81	25.19	24.86	24.99	21.59	21.62	21.62

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	26.29	26.36	26.16	23.92	23.93	23.93	26.18	26.20	26.11	22.82	22.78	22.79
		1	1	28.64	28.65	28.39	26.07	26.13	**26.20**	28.41	28.42	28.30	24.99	25.01	25.05
		1	49	28.60	**28.70**	28.43	26.08	26.13	26.16	**28.70**	28.41	28.30	25.07	25.11	**25.20**
		1	50	26.45	26.39	26.20	23.94	23.84	23.89	26.14	26.14	26.15	22.80	22.85	22.85
		25	12	28.54	28.63	28.40	26.09	26.01	26.07	28.40	28.30	28.30	24.96	25.01	25.00
		50	0	28.60	28.60	28.40	26.08	26.09	26.01	28.41	28.24	28.23	24.99	25.06	25.06
	QPSK	1	0	26.01	25.99	25.79	23.92	23.82	23.79	26.31	26.13	26.01	22.54	22.59	22.61
		1	1	28.25	**28.27**	28.02	26.07	26.00	26.00	**28.57**	28.28	28.29	24.85	24.85	**24.93**
		1	49	**28.27**	28.26	27.98	**26.19**	26.10	26.04	**28.57**	28.33	28.23	24.84	24.89	24.88
		1	50	25.99	25.99	25.73	23.84	23.77	23.86	26.15	26.07	26.05	22.57	22.61	22.66
		25	12	28.18	28.21	27.93	26.10	26.01	26.04	28.42	28.26	28.26	24.80	24.80	24.84
		50	0	28.19	28.16	27.86	26.10	26.05	26.03	28.39	28.28	28.32	24.44	24.82	24.77
	16QAM	1	0	26.00	25.69	26.06	23.86	23.71	23.88	26.34	26.02	26.22	22.43	22.89	22.63
		1	1	28.08	27.78	28.19	**26.11**	26.04	26.00	28.47	28.25	28.42	24.37	25.09	24.75
		1	49	28.16	27.91	**28.27**	26.07	25.86	0.00	**28.60**	28.34	28.49	24.17	**25.13**	24.78
		1	50	26.01	25.63	25.77	23.82	23.77	23.93	26.46	26.17	26.32	22.47	22.85	22.73
		25	12	28.13	28.07	27.85	**26.11**	26.07	26.04	28.31	28.26	28.32	24.47	24.70	24.83
		50	0	27.38	27.45	27.22	25.32	25.36	25.25	27.69	27.35	27.54	23.64	23.95	24.08
	64QAM	1	0	25.99	25.63	25.90	24.30	23.85	24.05	26.23	25.72	25.78	22.27	22.12	22.62
		1	1	**27.20**	26.87	26.70	**25.30**	24.87	25.04	**27.45**	26.94	26.82	22.89	23.35	23.59
		1	49	26.94	26.65	26.75	24.97	24.97	24.92	26.97	26.57	26.76	22.84	23.10	23.61
		1	50	26.04	25.87	25.81	24.04	23.88	24.07	26.20	25.89	26.13	22.29	22.17	22.62
		25	12	26.90	26.83	26.54	24.83	24.85	24.85	27.14	27.04	27.06	23.31	23.54	**23.67**
		50	0	26.96	26.92	26.64	24.81	24.84	24.80	27.24	26.89	27.11	23.18	23.61	23.60
	256QAM	1	0	**25.18**	24.75	24.57	23.05	23.02	**23.14**	**25.50**	25.19	25.27	21.48	21.39	21.65
		1	1	25.05	24.71	24.58	23.03	22.90	23.05	25.47	25.18	25.31	21.46	21.36	21.64
		1	49	25.06	24.72	24.59	23.04	22.79	23.03	25.35	24.83	25.21	21.43	21.44	**21.69**
		1	50	24.94	24.65	24.41	23.03	22.93	22.97	25.38	25.21	25.17	21.56	21.44	21.49
		25	12	24.84	24.81	24.63	22.82	22.87	22.82	25.15	25.02	24.95	21.53	21.55	21.62
		50	0	24.98	24.83	24.73	22.82	22.87	22.85	25.14	25.03	25.07	21.55	21.59	21.55

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	26.37	26.18	26.43	23.77	23.78	23.98	26.23	26.27	26.12	22.89	22.94	22.79
		1	1	28.57	28.31	**28.70**	26.08	26.02	**26.20**	28.44	**28.70**	**28.70**	**25.20**	25.09	25.13
		1	76	28.62	28.36	28.60	25.89	25.96	**26.20**	28.45	28.48	28.50	25.03	25.14	25.17
		1	77	26.39	26.13	26.42	23.65	23.75	23.97	26.31	26.14	26.14	22.85	22.94	22.89
		36	18	28.47	28.37	28.54	25.89	25.90	26.12	28.34	28.29	28.40	25.00	25.07	25.08
		75	0	28.53	28.40	28.59	25.93	26.01	26.14	28.36	28.33	28.37	25.07	25.02	25.03
	QPSK	1	0	25.98	25.89	25.98	23.84	23.79	23.98	26.42	26.13	26.22	22.73	22.71	22.64
		1	1	28.19	27.85	**28.23**	26.07	25.91	26.14	**28.58**	28.34	28.53	24.88	24.87	24.89
		1	76	28.12	28.01	28.20	25.97	26.03	26.12	28.55	28.40	28.38	24.85	**24.93**	24.92
		1	77	25.95	25.71	25.94	23.64	23.74	23.90	26.32	26.08	26.21	22.65	22.77	22.65
		36	18	28.09	27.94	28.09	25.93	25.88	26.10	28.37	28.26	28.33	24.80	24.83	24.77
		75	0	28.16	27.93	28.13	25.96	25.96	**26.16**	28.42	28.10	28.26	24.46	24.80	24.82
	16QAM	1	0	25.97	26.00	26.08	24.01	23.86	24.12	26.46	26.18	26.65	22.63	22.57	22.47
		1	1	**28.27**	**28.27**	28.22	25.88	25.90	25.88	28.48	28.14	28.50	24.53	24.67	24.67
		1	76	28.15	28.12	28.18	25.55	**25.95**	25.65	28.28	28.07	**28.61**	24.38	24.62	24.41
		1	77	25.83	26.14	25.97	23.83	24.05	23.88	26.49	26.13	26.23	22.51	22.55	22.40
		36	18	28.01	27.91	28.08	25.85	25.94	25.45	28.41	28.18	28.32	24.53	24.72	**24.73**
		75	0	27.43	27.18	27.22	25.22	25.25	25.39	27.43	27.33	27.36	23.73	24.11	24.11
	64QAM	1	0	25.91	25.88	25.90	23.87	23.74	23.88	26.17	26.66	26.37	22.23	22.45	22.54
		1	1	**27.07**	26.80	26.92	24.85	24.57	**24.92**	27.25	27.24	27.24	23.04	23.51	23.40
		1	76	26.76	26.77	26.90	24.84	24.63	24.89	27.08	27.12	**27.41**	22.74	**23.67**	23.43
		1	77	26.14	25.79	26.17	23.95	23.66	23.85	25.98	26.42	26.43	22.35	22.68	22.50
		36	18	26.84	26.64	26.88	24.62	24.67	24.88	27.17	26.73	26.98	23.09	23.51	23.48
		75	0	26.87	26.74	26.88	24.67	24.63	24.84	27.08	26.85	26.96	23.17	23.63	23.66
	256QAM	1	0	**25.20**	24.72	25.12	22.88	22.91	**23.13**	25.18	25.35	**25.53**	21.37	21.54	21.58
		1	1	25.12	24.57	25.02	22.89	22.81	22.92	25.40	25.21	25.39	21.42	21.57	21.64
		1	76	24.93	24.58	24.97	23.03	23.02	22.96	25.35	25.12	25.50	21.26	21.47	21.37
		1	77	25.10	24.76	24.99	22.82	22.89	23.09	25.24	25.06	25.40	21.45	21.40	21.37
		36	18	24.92	24.72	24.97	22.64	22.65	22.87	25.10	24.96	25.09	21.50	21.53	21.57
		75	0	24.87	24.73	24.91	22.72	22.67	22.89	25.17	24.99	25.17	21.59	**21.65**	21.64

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	26.19	26.48	26.53	23.80	24.00	23.97	26.40	26.31	26.30	22.79	22.83	22.87
		1	1	28.43	28.69	28.64	26.09	26.13	26.14	**28.70**	28.50	28.53	25.11	25.11	**25.20**
		1	104	28.30	**28.70**	28.68	26.00	26.08	**26.20**	28.65	28.62	28.52	**25.20**	**25.20**	25.18
		1	105	26.11	26.48	26.43	23.70	23.87	24.01	26.33	26.20	26.21	22.87	22.98	22.88
		50	25	28.28	28.53	28.57	25.93	26.07	26.08	28.44	28.31	28.38	25.04	24.99	25.12
		100	0	28.32	28.58	28.61	25.95	26.11	26.10	28.56	28.37	28.41	25.07	25.06	25.15
	QPSK	1	0	25.74	25.95	26.06	23.80	24.03	23.98	26.32	26.29	26.35	22.80	22.67	22.77
		1	1	27.98	28.08	**28.24**	26.03	26.12	**26.18**	**28.60**	28.54	28.45	24.98	24.92	24.95
		1	104	28.03	28.13	28.17	25.98	26.10	26.12	28.50	28.51	28.48	24.91	24.97	**24.99**
		1	105	25.75	25.96	26.02	23.70	23.91	23.91	26.27	26.47	26.38	22.79	22.81	22.72
		50	25	27.85	28.09	28.18	25.83	26.00	26.05	28.48	28.37	28.30	24.87	24.80	24.84
		100	0	27.87	28.09	28.23	25.89	26.08	26.12	28.50	28.43	28.48	24.87	24.80	24.94
	16QAM	1	0	25.95	25.72	26.00	24.00	23.89	23.98	26.33	26.43	26.25	22.46	22.44	22.53
		1	1	**28.27**	28.06	28.20	26.05	**26.14**	**26.14**	28.65	28.22	28.16	24.72	24.66	**24.94**
		1	104	28.26	28.14	**28.27**	26.00	25.99	26.11	**28.70**	28.67	28.51	24.61	24.63	24.82
		1	105	25.91	25.78	26.08	23.72	23.90	23.87	26.27	26.26	26.05	22.51	22.38	22.68
		50	25	27.79	28.09	28.14	25.87	26.02	26.04	28.39	28.28	28.39	24.87	24.77	24.80
		100	0	27.17	27.49	27.56	25.22	25.39	25.41	27.78	27.80	27.78	24.17	24.13	24.18
	64QAM	1	0	25.61	26.10	26.20	23.96	24.25	24.09	26.56	26.45	26.63	22.85	22.60	23.09
		1	1	26.69	**27.35**	27.27	24.93	24.66	25.03	**27.92**	27.10	27.40	23.77	23.66	23.77
		1	104	26.63	27.20	27.14	24.86	25.01	**25.23**	27.84	27.29	27.56	**23.90**	23.83	**23.90**
		1	105	25.61	26.08	26.13	23.83	23.97	24.37	26.23	26.27	26.49	22.86	22.72	22.78
		50	25	26.62	26.90	26.90	24.64	24.78	24.80	27.25	27.17	27.22	23.63	23.53	23.68
		100	0	26.64	26.93	26.90	24.72	24.80	24.88	27.35	27.18	27.27	23.63	23.64	23.65
	256QAM	1	0	24.72	25.04	25.13	23.08	23.15	**23.32**	25.58	25.45	25.59	21.73	22.00	22.05
		1	1	24.58	25.01	**25.27**	23.24	23.04	23.01	25.65	25.48	**25.81**	21.73	21.95	21.79
		1	104	24.82	25.00	25.03	23.08	23.12	23.24	25.54	25.50	25.67	21.62	**22.13**	21.93
		1	105	24.59	25.04	25.00	22.99	23.17	23.22	25.34	25.54	25.48	21.49	21.77	21.82
		50	25	24.59	24.80	24.86	22.72	22.80	22.87	25.22	25.14	25.20	21.61	21.58	21.70
		100	0	24.63	24.95	24.93	22.67	22.85	22.80	25.22	25.15	25.20	21.57	21.59	21.73

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	26.42	26.25	26.05	23.83	23.80	23.92	26.32	26.24	26.01	22.76	22.63	22.71
		1	1	**28.70**	28.62	28.20	26.08	**26.20**	26.01	**28.70**	28.46	28.33	25.07	24.96	**25.20**
		1	131	28.48	28.40	28.15	25.96	25.98	25.93	28.37	28.40	28.21	24.83	24.92	25.08
		1	132	26.24	26.14	25.83	23.64	23.70	23.68	26.15	26.06	26.00	22.60	22.69	22.68
		64	32	28.66	28.48	28.11	25.91	25.90	25.90	28.38	28.29	28.32	24.93	24.84	24.90
		128	0	28.56	28.52	28.09	25.92	25.89	25.85	28.42	28.37	28.35	24.91	24.91	24.87
	QPSK	1	0	26.08	25.90	25.66	23.74	23.74	23.97	26.39	26.26	26.33	22.68	22.48	22.26
		1	1	28.16	**28.27**	27.80	25.96	25.92	**26.10**	**28.55**	28.32	28.50	**25.00**	24.71	24.65
		1	131	28.10	28.00	27.67	25.72	25.76	25.92	28.30	28.32	28.51	24.73	24.69	24.60
		1	132	25.76	25.80	25.51	23.51	23.62	23.74	26.11	26.05	26.00	22.46	22.47	22.37
		64	32	28.14	28.10	27.67	25.88	25.91	25.80	28.36	28.28	28.30	24.74	24.61	24.70
		128	0	28.14	28.08	27.64	25.86	25.90	25.85	28.41	28.35	28.38	24.69	24.63	24.67
	16QAM	1	0	25.98	25.71	26.11	23.95	23.51	23.71	26.38	26.12	26.26	22.73	22.30	22.12
		1	1	28.26	27.95	**28.27**	25.69	25.74	**26.01**	28.53	28.13	28.22	**24.97**	24.48	24.53
		1	131	28.10	27.98	28.02	25.94	25.62	25.85	**28.56**	28.07	27.90	24.81	24.55	24.64
		1	132	25.73	25.43	25.92	23.73	23.08	23.53	26.09	25.92	25.90	22.70	22.32	22.12
		64	32	28.15	28.05	27.73	25.80	25.84	25.79	28.33	28.35	28.32	24.69	24.65	24.65
		128	0	27.52	27.41	26.95	25.16	25.16	25.19	27.68	27.62	27.60	23.99	23.99	24.01
	64QAM	1	0	26.20	26.14	25.76	23.82	23.55	23.84	26.47	26.54	26.02	22.67	22.50	22.60
		1	1	26.94	**27.15**	26.68	24.74	24.77	**24.86**	27.26	27.37	**27.38**	23.80	23.52	23.84
		1	131	26.86	27.06	26.70	24.50	24.67	24.65	26.92	26.98	27.09	**23.85**	23.45	23.70
		1	132	26.04	25.88	25.56	23.50	23.46	23.88	26.06	26.21	26.03	22.69	22.35	22.69
		64	32	26.96	26.90	26.43	24.68	24.66	24.63	27.13	27.09	27.13	23.49	23.49	23.54
		128	0	26.96	26.87	26.46	24.66	24.71	24.61	27.19	27.14	27.10	23.46	23.54	23.56
	256QAM	1	0	25.21	25.00	24.90	22.85	**23.10**	22.73	**25.50**	25.16	25.24	21.55	**21.66**	21.39
		1	1	**25.29**	24.93	24.77	22.99	22.76	22.82	25.46	25.40	25.23	21.56	21.45	21.37
		1	131	25.22	24.87	24.50	22.74	22.84	22.63	25.09	25.34	25.18	21.38	21.38	21.51
		1	132	25.11	24.81	24.52	22.63	22.77	22.69	25.24	24.91	25.12	21.42	21.18	21.30
		64	32	24.92	24.82	24.38	22.58	22.60	22.57	25.07	25.10	25.09	21.44	21.42	21.53
		128	0	24.92	24.80	24.44	22.56	22.67	22.63	25.16	25.09	25.07	21.39	21.49	21.56

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	26.19	26.25	26.43	24.07	23.83	23.80	26.28	26.38	26.13	22.80	22.70	22.70
		1	1	28.48	28.44	28.62	**26.20**	26.16	25.92	**28.70**	28.39	28.36	**25.20**	25.02	24.96
		1	160	28.39	28.42	**28.70**	26.04	25.98	25.97	28.34	28.37	28.44	25.08	25.07	24.92
		1	161	26.08	26.13	26.31	23.78	23.68	23.66	25.98	26.19	26.15	22.75	22.86	22.72
		81	40	28.45	28.44	28.58	26.13	25.99	26.09	28.41	28.31	28.33	24.98	25.04	25.03
		162	0	28.48	28.41	28.58	26.16	26.06	26.03	28.43	28.37	28.39	25.02	25.00	25.05
	QPSK	1	0	25.68	25.75	25.97	23.90	23.82	23.76	26.28	26.23	26.04	22.37	22.34	22.31
		1	1	28.01	28.13	**28.25**	26.18	**26.20**	26.01	**28.48**	28.35	28.38	**24.71**	24.52	24.61
		1	160	27.93	28.02	28.22	26.03	25.98	25.87	28.32	28.41	28.30	24.52	24.57	24.55
		1	161	25.63	25.85	26.03	23.75	23.83	23.71	26.07	26.09	26.09	22.26	22.18	22.42
		81	40	28.05	27.99	28.15	26.15	26.02	26.06	28.45	28.39	28.38	24.63	24.64	24.65
		162	0	28.02	27.98	28.20	26.15	26.07	26.05	28.46	28.38	28.40	24.63	24.60	24.67
	16QAM	1	0	26.04	26.06	25.89	24.04	23.73	23.54	26.43	26.61	25.85	22.48	22.45	22.09
		1	1	28.26	28.23	28.25	**26.16**	26.12	25.69	28.57	**28.67**	28.18	**25.00**	24.64	24.23
		1	160	**28.27**	**28.27**	28.08	25.94	25.88	25.71	28.57	28.56	28.16	24.93	24.67	24.35
		1	161	25.88	25.93	25.97	23.81	23.77	23.41	25.88	26.20	25.70	22.75	22.61	22.34
		81	40	28.00	28.04	28.16	26.15	26.09	26.04	28.40	28.45	28.46	24.61	24.56	24.63
		162	0	27.30	27.27	27.55	25.47	25.36	25.33	27.79	27.77	27.69	23.92	23.92	24.01
	64QAM	1	0	25.79	25.60	26.04	24.28	24.02	23.98	26.35	26.48	26.18	22.48	22.53	22.45
		1	1	26.82	26.74	**27.05**	**25.20**	24.81	24.73	27.46	27.17	27.44	23.46	23.27	23.27
		1	160	26.71	26.74	26.99	24.91	24.97	24.55	27.38	27.18	**27.76**	**23.49**	23.36	23.48
		1	161	25.56	25.81	25.92	24.10	23.84	23.56	26.30	26.17	26.33	22.36	22.39	22.63
		81	40	26.84	26.75	26.95	25.05	24.83	24.89	27.20	27.16	27.27	23.47	23.46	23.47
		162	0	26.82	26.78	26.96	24.95	24.85	24.81	27.26	27.24	27.23	23.44	23.40	23.45
	256QAM	1	0	24.83	24.82	24.17	23.09	**23.10**	22.86	25.42	25.39	25.33	**21.58**	21.40	21.27
		1	1	24.80	**24.94**	24.64	22.89	22.83	22.81	25.62	25.34	25.09	21.57	21.05	21.51
		1	160	24.46	24.87	24.69	22.90	22.59	22.84	25.36	25.29	25.29	21.17	21.31	21.49
		1	161	24.68	24.72	24.57	22.74	22.95	22.81	25.31	**25.65**	25.33	21.00	21.12	21.43
		81	40	24.82	24.75	24.93	22.81	22.79	22.83	25.09	25.10	25.10	21.35	21.39	21.42
		162	0	24.80	24.73	24.83	22.92	22.79	22.79	25.21	25.19	25.16	21.34	21.37	21.38

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	26.27	26.36	26.02	23.95	23.95	23.85	26.58	26.28	26.37	22.92	22.97	22.81
		1	1	28.53	**28.70**	28.54	26.17	26.02	26.15	**28.70**	28.57	28.68	25.12	25.08	24.90
		1	187	28.50	28.29	28.35	26.04	**26.20**	26.10	28.39	28.55	28.41	24.99	24.99	24.98
		1	188	26.27	26.17	26.06	23.86	23.88	23.99	26.31	26.20	26.42	23.01	22.77	22.79
		90	45	28.43	28.53	28.40	26.00	26.10	26.03	28.51	28.49	28.56	25.10	24.99	25.04
		180	0	28.52	28.53	28.41	26.02	26.14	26.04	28.55	28.51	28.53	**25.20**	25.02	25.05
	QPSK	1	0	25.85	26.11	25.89	24.05	24.02	23.88	26.48	26.50	26.36	22.54	22.84	22.82
		1	1	28.09	28.21	27.99	26.13	26.01	25.98	**28.69**	28.63	28.65	24.87	24.72	24.96
		1	187	28.14	**28.25**	28.01	26.03	26.10	**26.20**	28.52	28.53	28.50	24.91	24.97	24.77
		1	188	25.77	25.91	25.65	23.88	23.94	24.06	26.13	26.21	26.39	22.67	22.43	22.65
		90	45	27.92	28.16	27.94	26.03	26.07	26.09	28.45	28.49	28.55	24.90	24.85	24.84
		180	0	28.01	28.12	27.99	26.08	26.10	26.08	28.59	28.59	28.64	24.92	24.89	**25.00**
	16QAM	1	0	26.10	25.84	25.86	23.90	23.53	23.84	26.46	26.24	26.29	22.80	22.27	22.66
		1	1	**28.27**	**28.27**	**28.27**	**26.15**	25.81	26.05	**28.68**	28.30	28.64	**25.00**	24.29	24.74
		1	187	28.23	28.18	27.83	26.10	25.93	26.08	28.67	28.39	**28.68**	24.86	24.42	24.62
		1	188	25.76	25.78	25.82	24.04	23.43	23.91	26.26	26.01	26.33	22.84	21.87	22.51
		90	45	28.03	28.18	27.97	26.03	26.12	26.02	28.55	28.54	28.55	24.97	24.81	24.97
		180	0	27.35	27.45	27.33	25.31	25.44	25.36	27.86	27.82	27.84	24.19	24.18	24.27
	64QAM	1	0	25.93	26.43	26.07	23.96	23.73	23.79	26.52	26.15	26.51	22.69	22.60	23.14
		1	1	26.68	**27.19**	26.83	**24.92**	24.57	24.62	27.71	27.20	**28.09**	**23.89**	23.59	23.80
		1	187	26.72	27.02	26.57	24.80	24.51	24.55	27.34	27.07	27.61	23.46	23.43	23.73
		1	188	25.81	25.95	25.45	23.81	23.68	23.60	26.41	26.31	26.67	22.51	22.49	22.83
		90	45	26.73	26.91	26.75	24.78	24.92	24.76	27.37	27.29	27.30	23.71	23.63	23.72
		180	0	26.85	26.94	26.81	24.80	24.91	24.84	27.32	27.42	27.30	23.74	23.75	23.69
	256QAM	1	0	24.74	**25.09**	24.82	23.24	**23.29**	22.97	25.53	**25.84**	25.35	21.37	21.62	21.67
		1	1	24.66	**25.09**	24.81	23.23	23.18	22.64	25.69	25.67	25.43	21.44	**21.75**	21.61
		1	187	24.75	24.93	24.73	23.11	23.25	22.57	25.35	25.50	25.38	21.34	21.58	21.67
		1	188	24.69	25.01	24.56	23.21	23.22	22.77	25.34	25.53	25.63	21.56	21.62	21.60
		90	45	24.75	24.87	24.80	22.73	22.88	22.75	25.28	25.30	25.26	21.61	21.65	21.61
		180	0	24.73	24.90	24.75	22.77	22.85	22.76	25.35	25.39	25.23	21.57	21.65	21.64

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	26.34	26.21	26.35	23.78	23.84	23.91	26.23	26.15	26.28	22.83	22.82	22.82
		1	1	28.47	28.59	**28.70**	26.10	26.11	26.07	28.41	28.39	**28.70**	25.09	25.04	**25.20**
		1	215	28.24	28.55	28.50	26.08	25.92	**26.20**	28.40	28.37	28.24	25.06	25.02	25.06
		1	216	26.35	26.36	26.20	23.72	23.88	23.83	26.20	26.16	26.19	22.71	22.70	22.80
		108	54	28.61	28.55	28.61	26.10	26.15	26.11	28.26	28.36	28.34	25.14	25.11	25.15
		216	0	28.60	28.60	28.60	26.13	26.15	26.07	28.38	28.37	28.36	25.09	25.14	25.13
	QPSK	1	0	26.01	25.91	25.92	24.02	23.91	23.96	26.18	26.32	26.33	22.63	22.69	22.80
		1	1	**28.27**	27.99	28.12	26.09	26.04	26.14	**28.52**	28.45	28.49	24.90	24.84	**24.95**
		1	215	28.20	**28.27**	28.15	25.99	25.90	26.11	28.30	28.36	28.49	24.81	24.73	24.77
		1	216	25.79	25.87	25.95	23.85	23.95	23.95	26.11	26.05	25.96	22.78	22.61	22.68
		108	54	28.09	28.16	28.11	26.14	26.13	26.14	28.39	28.34	28.33	24.93	24.85	24.89
		216	0	28.12	28.11	28.13	**26.15**	**26.15**	26.08	28.36	28.39	28.36	24.93	24.93	24.92
	16QAM	1	0	25.81	25.74	26.04	23.82	23.92	23.91	26.43	26.36	26.11	22.72	22.43	22.48
		1	1	27.99	27.91	**28.27**	25.78	25.91	25.85	28.21	28.05	28.13	24.63	24.48	24.76
		1	215	28.10	27.75	28.26	25.85	26.10	25.97	**28.48**	28.07	28.10	24.84	24.84	24.59
		1	216	25.74	25.60	26.28	23.78	23.92	23.72	26.37	26.06	25.69	22.54	22.40	22.42
		108	54	28.09	28.09	28.14	**26.12**	26.09	**26.12**	28.37	28.32	28.25	**24.96**	24.86	24.95
		216	0	27.38	27.44	27.39	25.44	25.45	25.40	27.60	27.70	27.60	24.22	24.25	24.26
	64QAM	1	0	26.46	26.01	26.09	23.70	23.80	23.76	26.00	26.71	26.00	22.74	22.53	22.83
		1	1	27.32	**27.39**	27.23	24.61	24.39	24.65	27.32	**27.41**	26.97	23.95	23.54	23.49
		1	215	27.24	26.96	27.28	24.54	24.87	24.75	26.77	27.35	26.99	**24.01**	23.70	23.54
		1	216	25.76	25.94	26.32	23.37	23.91	23.63	26.07	26.50	25.90	22.84	22.59	22.63
		108	54	26.83	26.91	26.97	24.85	24.85	24.91	27.08	27.12	27.10	23.64	23.67	23.66
		216	0	26.86	26.95	26.95	24.88	24.90	**24.93**	27.18	27.15	27.14	23.71	23.74	23.66
	256QAM	1	0	25.04	25.33	25.23	**23.29**	23.02	23.02	25.11	25.31	25.13	21.41	21.71	21.75
		1	1	24.85	25.23	25.21	22.88	22.70	22.88	25.01	25.47	25.49	21.34	21.75	**21.77**
		1	215	24.84	**25.41**	25.02	23.14	22.94	23.05	25.11	25.36	**25.70**	21.68	21.62	21.60
		1	216	24.78	25.28	25.31	23.17	23.02	23.06	25.41	25.04	25.05	21.54	21.65	21.27
		108	54	24.90	24.78	24.91	22.88	22.89	22.89	25.06	25.07	24.96	21.67	21.72	21.68
		216	0	24.83	24.74	24.91	22.94	22.92	22.88	25.09	25.12	25.03	21.68	21.70	21.65

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	26.40	26.49	26.26	23.99	23.88	23.75	26.42	25.79	26.04	22.83	22.81	22.93
		1	1	28.67	28.36	28.36	25.94	26.11	25.85	**28.70**	28.42	28.16	25.07	25.10	25.06
		1	243	**28.70**	28.58	28.53	26.01	**26.20**	25.99	28.51	28.54	28.17	25.13	25.15	25.13
		1	244	26.31	26.19	26.34	23.96	23.92	23.76	26.44	25.98	26.01	22.90	22.84	22.96
		120	60	28.55	28.40	28.46	26.03	26.14	26.00	28.57	28.33	28.17	25.07	25.14	25.11
		243	0	28.51	28.50	28.51	26.06	26.15	26.06	28.63	28.39	28.23	25.11	25.14	**25.20**
	QPSK	1	0	26.04	25.83	25.92	23.73	23.87	23.87	26.47	25.78	26.01	22.36	22.32	22.31
		1	1	28.13	**28.27**	28.20	25.90	25.91	26.12	28.63	28.24	28.33	**24.80**	24.74	24.48
		1	243	27.98	28.23	28.23	26.10	26.16	**26.20**	**28.69**	28.33	28.44	24.60	24.56	24.60
		1	244	26.01	25.82	25.96	23.93	24.05	23.96	26.42	25.92	25.94	22.52	22.47	22.36
		120	60	28.07	28.03	28.09	26.01	26.11	26.03	28.56	28.28	28.17	24.63	24.71	24.64
		243	0	28.10	27.98	28.13	26.02	26.17	26.00	28.60	28.42	28.26	24.64	24.68	24.61
	16QAM	1	0	25.61	26.06	25.83	23.64	23.65	23.75	26.30	26.12	26.15	22.44	22.74	22.44
		1	1	28.00	28.17	28.16	25.85	25.99	25.80	**28.68**	28.49	28.16	**25.04**	24.91	24.48
		1	243	27.94	28.24	**28.27**	26.00	26.01	25.81	28.29	28.43	28.33	**25.04**	24.82	24.63
		1	244	25.59	26.01	25.92	23.91	23.65	23.81	26.36	25.89	26.17	22.75	22.52	22.31
		120	60	28.09	28.02	28.20	**26.09**	26.05	26.05	28.53	28.38	28.32	24.65	24.63	24.64
		243	0	27.39	27.34	27.37	25.36	25.43	25.41	27.86	27.36	27.53	23.94	23.94	23.99
	64QAM	1	0	25.62	25.76	25.97	23.73	23.70	24.06	25.95	25.87	26.28	22.31	22.22	22.13
		1	1	**27.15**	27.12	27.02	24.91	25.13	24.79	26.01	27.12	27.37	23.32	23.39	23.25
		1	243	26.91	27.14	26.97	25.12	**25.20**	24.81	25.89	26.99	**27.46**	23.36	23.25	**23.57**
		1	244	26.07	25.93	26.01	23.83	24.18	24.01	24.43	25.81	26.47	22.52	22.37	22.64
		120	60	26.87	26.73	26.84	24.89	24.96	24.85	26.15	26.76	27.05	23.38	23.38	23.41
		243	0	26.92	26.84	26.93	24.84	24.90	24.84	26.16	26.85	27.07	23.41	23.39	23.45
	256QAM	1	0	25.21	25.34	25.10	22.96	22.67	22.92	24.41	25.19	25.37	21.36	21.42	21.55
		1	1	25.47	25.31	25.00	22.97	23.00	23.10	24.45	25.19	25.42	**21.60**	21.12	21.56
		1	243	25.27	25.39	25.00	22.93	22.73	22.96	23.81	25.16	25.52	21.29	21.41	21.45
		1	244	25.06	**25.71**	25.08	**23.24**	22.96	23.04	23.91	25.26	**25.53**	21.51	21.36	21.31
		120	60	24.86	24.78	24.83	22.79	22.86	22.79	24.14	24.78	25.04	21.37	21.34	21.35
		243	0	24.82	24.73	24.82	22.77	22.94	22.74	24.14	24.84	25.07	21.44	21.34	21.36

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		26.21			23.67			26.02			22.63	
		1	1		28.52			25.79			**28.70**			24.66	
		1	271		**28.70**			**26.20**			28.41			24.81	
		1	272		26.28			23.70			26.05			22.71	
		135	67		28.68			25.83			28.51			24.82	
		270	0		28.61			25.85			28.47			**25.20**	
	QPSK	1	0		26.04			23.72			26.03			22.14	
		1	1		28.23			25.76			28.43			24.43	
		1	271		28.12			**26.08**			**28.62**			**24.68**	
		1	272		26.09			23.69			26.18			22.46	
		135	67		**28.24**			25.84			28.47			24.62	
		270	0		28.18			25.87			28.43			24.60	
	16QAM	1	0		25.80			23.79			25.73			22.52	
		1	1		27.91			25.84			**28.52**			24.40	
		1	271		27.99			**25.85**			28.47			24.56	
		1	272		26.00			23.31			26.07			22.76	
		135	67		**28.09**			25.84			28.50			**24.65**	
		270	0		27.43			25.13			27.44			23.89	
	64QAM	1	0		26.21			23.78			26.16			22.63	
		1	1		26.67			24.58			27.02			23.49	
		1	271		26.98			**24.76**			**27.12**			**23.81**	
		1	272		25.92			23.94			26.15			22.62	
		135	67		26.91			24.63			26.94			23.41	
		270	0		**26.99**			24.61			26.91			23.42	
	256QAM	1	0		**25.28**			**22.67**			25.19			21.17	
		1	1		25.07			22.36			25.43			21.15	
		1	271		25.03			22.52			25.37			20.99	
		1	272		25.04			22.57			**25.57**			21.02	
		135	67		24.97			22.61			24.86			**21.39**	
		270	0		24.89			22.60			24.88			21.31	

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

Test Engineer ID:	28568	Test Date:	12/8/2022

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	25.70	26.29	26.09	23.45	23.66	23.75	25.59	26.29	26.24	22.93	22.79	22.77
		1	1	27.98	28.40	28.35	25.67	25.92	25.97	27.86	**28.70**	28.44	25.08	24.99	25.04
		1	22	27.96	**28.70**	28.40	25.59	25.79	25.96	27.74	28.50	28.41	25.14	25.13	25.08
		1	23	25.87	26.28	26.13	23.39	23.66	23.75	25.52	26.24	26.11	22.92	22.89	22.89
		12	6	28.09	28.44	28.31	25.72	25.87	**26.20**	27.94	28.47	28.35	25.14	25.09	24.94
		24	0	28.13	28.48	28.31	25.70	25.88	25.98	27.89	28.48	28.36	**25.20**	25.06	24.98
	QPSK	1	0	25.45	25.87	25.66	23.41	23.69	23.81	25.88	26.31	26.22	22.70	22.55	22.59
		1	1	27.61	27.95	27.88	25.65	25.90	25.99	28.09	**28.59**	28.41	24.91	24.76	24.73
		1	22	27.65	27.97	27.80	25.60	25.88	**26.04**	28.12	28.52	28.38	24.89	24.87	24.77
		1	23	25.44	25.82	25.59	23.39	23.68	23.74	25.88	26.26	26.16	22.68	22.56	22.48
		12	6	27.72	**28.10**	27.88	25.74	25.86	26.02	28.35	28.52	28.41	24.95	24.91	24.74
		24	0	27.78	**28.10**	27.94	25.68	25.83	25.99	28.35	28.52	28.44	**24.97**	24.84	24.73
	16QAM	1	0	25.76	25.79	25.98	23.50	24.00	23.91	25.91	26.42	26.11	22.64	22.88	22.45
		1	1	27.05	26.90	**27.27**	24.49	24.99	24.85	27.15	27.55	27.34	24.98	25.03	24.67
		1	22	27.05	26.96	27.20	24.43	24.90	24.48	27.11	**27.59**	27.32	24.88	**25.08**	24.79
		1	23	25.83	25.78	25.97	23.22	23.98	23.78	25.79	26.50	25.81	22.61	22.86	22.52
		12	6	26.69	27.04	26.94	25.69	**25.96**	25.88	27.38	27.56	27.39	24.99	24.79	24.58
		24	0	25.98	26.35	26.19	25.00	25.15	25.25	26.58	26.75	26.71	24.29	24.09	24.00
	64QAM	1	0	25.13	25.92	25.56	23.59	23.59	23.62	25.75	26.13	26.06	22.91	22.65	22.61
		1	1	26.09	26.84	26.64	24.48	24.63	24.46	26.72	27.02	27.06	23.98	**24.03**	23.53
		1	22	26.28	**26.98**	26.42	24.66	24.55	24.76	26.69	27.05	27.03	23.85	23.60	23.61
		1	23	25.05	25.88	25.43	23.68	23.53	23.64	25.67	26.06	25.96	22.98	22.91	22.65
		12	6	26.35	26.80	26.59	24.58	24.66	**24.85**	27.01	27.21	27.09	23.82	23.69	23.44
		24	0	26.40	26.82	26.53	24.53	24.65	24.81	27.13	**27.25**	27.20	23.85	23.72	23.59
	256QAM	1	0	24.31	**24.76**	24.37	22.63	22.69	**22.90**	24.96	24.99	25.22	21.71	21.67	21.52
		1	1	24.23	24.75	24.25	22.45	22.87	22.76	24.80	25.13	25.19	21.73	21.63	21.28
		1	22	24.15	24.74	24.30	22.51	22.84	22.82	24.90	25.22	**25.29**	21.81	**22.02**	21.39
		1	23	24.35	24.65	24.28	22.55	22.76	22.73	24.66	25.11	25.23	21.77	21.91	21.19
		12	6	24.37	24.71	24.61	22.34	22.57	22.72	25.10	25.20	25.03	21.78	21.55	21.42
		24	0	24.30	24.65	24.57	22.44	22.60	22.67	24.97	25.17	25.03	21.69	21.58	21.51

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	26.12	26.50	26.28	23.89	23.89	23.83	26.34	26.40	25.92	23.08	22.64	22.55
		1	1	28.22	28.69	28.45	**26.20**	26.15	26.07	28.59	28.67	28.13	**25.20**	24.81	24.71
		1	36	28.30	**28.70**	28.45	26.12	26.13	26.04	28.59	**28.70**	28.04	25.14	24.88	24.84
		1	37	26.02	26.40	26.28	23.93	23.87	23.85	26.40	26.39	25.86	22.84	22.63	22.53
		18	9	28.18	28.57	28.47	26.16	26.02	26.11	28.57	28.65	28.11	25.12	24.85	24.76
		36	0	28.29	28.57	28.51	26.13	26.12	26.10	28.58	28.65	28.12	25.11	24.88	24.81
	QPSK	1	0	25.53	25.90	25.96	24.01	23.95	23.97	26.36	26.33	25.87	22.81	22.36	22.29
		1	1	27.86	**28.21**	28.09	25.77	25.77	25.75	28.59	**28.66**	28.13	**24.89**	24.68	24.57
		1	36	27.85	28.19	28.09	25.76	**25.83**	25.73	28.57	28.44	28.17	24.86	24.68	24.67
		1	37	25.56	25.99	25.85	23.55	23.51	23.49	26.34	26.15	25.88	22.59	22.46	22.44
		18	9	27.82	28.20	28.06	25.65	25.59	25.77	28.51	28.31	28.14	24.83	24.67	24.56
		36	0	27.87	28.18	28.09	25.74	25.62	25.68	28.53	28.35	28.11	24.82	24.64	24.51
	16QAM	1	0	25.62	25.99	26.01	23.43	23.33	23.30	26.33	26.24	26.05	22.83	22.54	22.34
		1	1	27.51	27.67	**27.77**	25.65	25.62	25.54	**28.19**	28.06	27.90	**24.95**	24.57	24.57
		1	36	27.41	27.68	27.76	25.61	25.54	25.37	28.06	28.03	27.76	24.76	24.53	24.67
		1	37	25.56	26.14	25.91	23.47	23.49	23.20	26.32	26.29	26.02	22.63	22.21	22.34
		18	9	25.06	25.64	25.41	**25.70**	25.54	25.64	25.82	25.79	25.52	24.72	24.60	24.45
		36	0	27.30	27.59	27.53	24.94	24.84	24.93	28.07	27.87	27.64	24.05	23.92	23.86
	64QAM	1	0	25.67	26.18	25.67	23.48	23.46	23.81	26.16	26.01	25.47	22.65	22.67	22.44
		1	1	26.57	26.99	26.64	24.68	24.38	**25.00**	27.36	26.82	26.45	**23.87**	23.43	23.19
		1	36	26.50	**27.10**	26.59	24.49	24.41	24.84	**27.43**	26.79	26.42	23.72	23.66	23.56
		1	37	25.67	26.14	25.56	23.45	23.43	23.72	26.11	25.91	25.43	22.81	22.44	22.37
		18	9	26.78	26.97	26.88	24.53	24.34	24.55	27.39	26.93	26.87	23.46	23.31	23.29
		36	0	26.71	26.97	26.90	24.48	24.43	24.46	27.27	27.12	26.89	23.42	23.37	23.24
	256QAM	1	0	24.59	24.80	24.82	22.44	22.46	**22.68**	25.23	24.99	24.69	21.89	21.74	21.38
		1	1	24.58	24.87	24.81	22.58	22.63	22.56	25.04	24.86	24.67	21.98	21.63	21.35
		1	36	24.55	24.87	24.84	22.36	22.48	22.64	25.15	25.03	24.68	**22.05**	21.61	21.67
		1	37	24.43	24.69	24.79	22.43	22.59	22.58	25.05	24.89	24.75	21.84	21.49	21.56
		18	9	24.62	24.86	24.78	22.49	22.57	22.51	**25.27**	25.05	24.79	21.49	21.32	21.28
		36	0	24.70	**24.93**	24.86	22.50	22.42	22.52	25.25	25.02	24.84	21.44	21.33	21.21

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	26.35	26.34	26.11	23.71	23.98	23.85	26.34	26.22	25.98	22.40	22.89	22.98
		1	1	28.62	28.69	28.43	26.04	26.19	25.99	28.49	28.52	28.23	24.67	25.09	**25.20**
		1	49	28.66	**28.70**	28.36	26.06	**26.20**	26.00	**28.70**	28.39	28.13	25.19	25.13	24.05
		1	50	26.41	26.44	26.07	23.76	23.89	23.73	26.25	26.30	25.95	22.93	22.90	21.78
		25	12	28.54	28.65	28.34	26.05	26.16	25.94	28.44	28.47	28.22	24.96	**25.20**	24.67
		50	0	28.61	28.68	28.29	26.09	26.08	25.97	28.45	28.48	28.16	24.94	25.15	24.64
	QPSK	1	0	25.91	25.93	25.76	23.82	23.88	23.76	26.19	26.28	25.98	22.21	22.63	22.79
		1	1	28.16	28.19	27.93	25.60	**25.71**	25.54	28.38	28.52	28.20	24.43	24.88	24.95
		1	49	**28.27**	28.08	27.90	25.47	**25.71**	25.56	28.49	**28.55**	28.20	**24.98**	24.90	23.78
		1	50	25.89	25.86	25.68	23.40	23.37	23.28	26.18	26.28	25.90	22.77	22.64	21.59
		25	12	28.19	28.18	27.90	25.55	25.65	25.56	28.44	28.48	28.15	24.75	24.95	24.44
		50	0	28.16	28.16	27.93	25.61	25.65	25.60	28.44	28.50	28.16	24.71	24.95	24.42
	16QAM	1	0	25.89	25.79	25.89	23.77	23.19	23.62	26.49	26.15	26.05	21.81	22.16	22.51
		1	1	27.39	27.55	**27.77**	24.97	**25.17**	25.05	**28.20**	27.81	27.85	24.04	24.42	24.75
		1	49	27.54	27.65	27.46	24.95	24.95	25.06	28.14	28.07	27.85	24.56	24.48	23.58
		1	50	25.28	25.22	25.07	22.93	22.48	22.99	25.98	25.35	25.55	22.35	22.19	21.30
		25	12	27.64	27.59	27.45	25.09	24.82	24.98	27.90	28.04	27.71	24.75	**24.96**	24.41
		50	0	26.99	26.93	26.75	24.40	24.46	24.36	27.18	27.29	26.85	24.00	24.18	23.73
	64QAM	1	0	25.57	25.67	25.28	23.29	23.51	23.66	25.88	26.15	25.69	22.33	22.64	22.98
		1	1	26.47	26.70	26.30	24.43	**24.86**	24.49	26.74	26.97	26.54	23.36	23.71	**23.99**
		1	49	26.77	26.69	26.36	24.39	24.57	24.51	26.78	27.13	26.57	23.91	23.71	22.81
		1	50	25.88	25.74	25.14	23.32	23.48	23.45	25.77	26.18	25.54	22.87	22.69	21.82
		25	12	27.03	**27.05**	26.55	24.41	24.46	24.24	27.20	**27.35**	26.98	23.48	23.74	23.26
		50	0	27.00	26.94	26.52	24.39	24.49	24.31	27.23	27.26	26.97	23.52	23.70	23.21
	256QAM	1	0	24.93	25.02	24.48	22.40	22.34	22.55	25.19	25.03	24.98	21.21	21.69	21.71
		1	1	24.83	24.99	24.40	22.41	22.41	**22.59**	25.12	25.18	24.80	21.26	21.71	21.70
		1	49	24.86	24.89	24.45	22.29	22.45	22.53	25.20	25.16	24.80	21.75	21.75	20.52
		1	50	24.80	**25.04**	24.44	22.33	22.33	22.50	25.18	25.02	25.05	21.75	21.72	20.48
		25	12	24.89	24.88	24.49	22.23	22.42	22.25	25.14	**25.27**	24.97	21.51	**21.76**	21.19
		50	0	24.91	24.82	24.53	22.25	22.44	22.30	25.17	25.25	24.89	21.51	21.71	21.23

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	25.34	26.18	26.14	23.73	23.77	23.46	25.85	25.88	25.69	22.33	22.71	22.83
		1	1	27.58	28.57	28.40	25.90	26.07	25.75	28.13	28.38	28.01	24.55	24.93	25.11
		1	76	28.34	**28.70**	28.36	26.06	**26.20**	25.57	28.23	28.33	27.94	25.00	25.09	24.08
		1	77	26.06	26.30	26.01	23.87	23.95	23.39	25.99	26.07	25.66	22.75	22.88	21.81
		36	18	28.19	28.51	28.34	25.92	26.05	25.61	28.11	28.28	27.79	24.95	**25.20**	25.08
		75	0	28.22	28.61	28.43	26.02	26.07	25.64	28.11	**28.70**	27.89	24.86	25.13	24.90
	QPSK	1	0	25.44	25.81	25.89	23.66	23.85	23.43	25.83	26.04	25.69	22.01	22.49	22.71
		1	1	27.69	28.11	28.04	25.51	25.62	25.30	28.11	28.30	27.98	24.31	24.74	**24.98**
		1	76	27.90	28.21	27.90	25.60	**25.77**	25.15	28.16	**28.40**	27.86	24.69	24.90	23.89
		1	77	25.64	25.91	25.74	23.43	23.61	22.98	25.89	26.07	25.66	22.44	22.68	21.61
		36	18	27.88	**28.23**	27.79	25.63	25.60	25.20	28.13	28.34	27.75	24.72	24.96	24.85
		75	0	27.88	28.10	27.84	25.62	25.61	25.17	28.18	28.32	27.85	24.65	24.88	24.65
	16QAM	1	0	25.26	25.80	25.32	23.32	23.24	22.69	25.74	26.01	25.90	22.30	22.00	22.62
		1	1	26.92	27.44	27.10	24.97	25.07	24.69	27.42	27.80	27.54	24.04	23.70	24.43
		1	76	27.02	**27.75**	26.97	**25.10**	25.09	24.56	27.45	**27.84**	27.56	**24.48**	23.84	23.33
		1	77	24.74	25.35	24.67	22.89	22.69	22.49	25.21	25.70	25.15	22.23	21.61	21.06
		36	18	27.28	27.53	27.20	25.02	25.10	24.54	27.50	27.80	27.32	24.24	**24.48**	24.29
		75	0	26.63	26.90	26.65	24.36	24.43	23.97	26.96	27.09	26.75	23.46	23.70	23.49
	64QAM	1	0	25.46	25.57	25.75	23.28	23.19	23.37	25.74	25.99	25.21	22.23	22.52	22.89
		1	1	26.39	26.53	26.73	**24.37**	24.06	24.05	26.64	26.80	26.14	23.25	23.55	**23.94**
		1	76	26.47	26.83	26.40	24.26	24.30	24.13	26.66	26.64	26.06	23.65	23.66	22.87
		1	77	25.65	25.63	25.48	23.45	23.28	23.33	26.02	25.57	25.10	22.66	22.64	21.77
		36	18	26.47	26.75	26.48	24.21	24.31	23.91	26.86	26.95	26.57	23.53	23.78	23.68
		75	0	26.56	**27.14**	26.45	24.23	24.33	24.01	26.93	**27.12**	26.67	23.44	23.67	23.44
	256QAM	1	0	24.50	24.85	24.02	22.43	22.29	21.86	24.80	24.92	24.40	21.13	21.39	21.68
		1	1	24.57	24.65	24.21	22.40	22.48	22.11	24.93	24.79	24.56	21.17	21.42	21.70
		1	76	24.75	**25.13**	24.05	22.32	22.59	22.34	24.83	**25.18**	24.45	21.59	21.59	20.66
		1	77	24.72	24.98	24.00	22.34	**22.71**	22.17	25.06	24.89	24.53	21.57	21.52	20.60
		36	18	24.50	24.95	24.27	22.30	22.32	21.97	24.88	25.13	24.53	21.55	**21.76**	21.67
		75	0	24.57	25.06	24.34	22.17	22.35	21.97	24.80	25.11	24.63	21.38	21.65	21.41

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	25.89	26.40	25.47	23.73	23.67	23.84	25.99	26.28	25.68	22.52	22.67	22.35
		1	1	28.23	28.66	27.74	25.95	25.94	26.04	28.26	28.47	28.05	24.79	24.91	24.59
		1	104	28.34	**28.70**	28.20	25.97	**26.20**	26.01	28.22	28.49	27.95	25.16	25.16	24.22
		1	105	26.10	26.44	25.97	23.72	23.79	23.78	25.99	26.43	25.67	22.96	22.99	21.96
		50	25	28.57	**28.70**	28.19	25.88	25.96	25.98	28.18	**28.70**	27.92	25.06	**25.20**	25.18
		100	0	28.56	28.66	28.23	25.84	25.92	26.03	28.22	28.55	27.95	24.98	25.13	24.94
	QPSK	1	0	26.36	26.37	25.94	23.56	23.68	23.74	25.94	26.27	25.74	22.54	22.65	22.39
		1	1	28.61	**28.68**	28.07	25.82	25.89	25.96	28.25	28.57	27.96	24.83	24.93	24.61
		1	104	28.51	28.66	28.28	25.92	**26.10**	25.94	28.29	**28.65**	27.97	**25.20**	25.11	24.27
		1	105	26.31	26.35	25.92	23.67	23.75	23.82	25.96	26.45	25.67	22.95	22.91	22.03
		50	25	28.52	28.67	28.19	25.82	25.99	25.94	28.17	28.54	27.86	25.07	25.19	**25.20**
		100	0	28.57	28.64	28.24	25.82	25.95	25.99	28.12	28.57	27.94	24.96	25.06	24.90
	16QAM	1	0	26.64	26.11	26.31	23.34	23.58	24.01	25.97	26.07	26.02	22.31	22.69	22.32
		1	1	**28.20**	27.88	28.05	25.03	25.55	25.40	27.63	27.88	27.77	24.05	24.39	24.10
		1	104	28.10	27.76	**28.20**	25.26	25.48	**25.57**	27.73	28.02	27.90	24.44	**24.66**	23.75
		1	105	25.94	25.84	25.90	22.87	23.22	23.30	25.48	25.70	25.67	22.21	22.45	21.44
		50	25	28.03	28.12	27.60	25.35	25.39	25.46	27.63	**28.04**	27.42	24.56	24.64	24.65
		100	0	27.24	27.42	26.67	24.63	24.78	24.72	26.95	27.33	26.75	23.74	23.83	23.69
	64QAM	1	0	26.07	26.22	25.52	23.60	23.63	23.71	25.91	25.92	25.55	22.59	22.99	22.18
		1	1	26.86	26.82	26.53	24.70	24.67	24.72	26.68	26.78	26.42	23.61	24.00	23.26
		1	104	26.98	26.86	26.77	**24.84**	24.81	24.67	27.01	27.13	26.07	23.89	**24.21**	22.86
		1	105	26.00	25.84	25.58	23.78	23.77	23.61	25.92	26.23	25.68	22.96	23.23	21.85
		50	25	27.26	27.00	26.56	24.69	24.82	24.71	26.84	27.27	26.70	23.83	23.98	23.94
		100	0	**27.28**	26.99	26.56	24.67	24.73	24.72	27.00	**27.29**	26.76	23.72	23.85	23.67
	256QAM	1	0	25.23	24.97	23.98	22.14	22.93	22.88	24.53	25.03	24.77	21.70	21.80	21.38
		1	1	25.12	24.85	24.26	22.44	**23.19**	22.79	24.70	24.88	24.73	21.69	21.82	21.41
		1	104	24.86	25.11	24.47	22.45	23.16	22.95	24.64	25.07	24.93	**22.10**	22.09	21.03
		1	105	24.95	**25.28**	24.51	22.62	22.98	22.82	24.50	24.71	24.75	**22.10**	22.07	21.00
		50	25	25.25	24.89	24.81	22.56	22.95	22.73	24.91	**25.28**	24.63	21.82	21.95	21.94
		100	0	25.21	24.97	24.83	22.57	22.97	22.74	24.91	25.24	24.67	21.73	21.85	21.68

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	25.97	25.88	26.05	23.83	23.73	23.85	26.32	26.24	26.01	22.76	22.63	22.71
		1	1	**28.70**	**28.70**	28.20	**26.20**	26.04	25.94	**28.70**	28.46	28.33	25.07	24.96	**25.20**
		1	131	28.03	28.03	28.15	25.96	25.91	25.86	28.37	28.40	28.21	24.83	24.92	**25.20**
		1	132	25.79	25.77	25.83	23.64	23.63	23.61	26.15	26.06	26.00	22.60	22.69	22.68
		64	32	28.21	28.11	28.11	25.91	25.83	25.83	28.38	28.29	28.32	24.93	24.84	24.90
		128	0	28.11	28.15	28.09	25.92	25.82	25.78	28.42	28.37	28.35	24.91	24.91	24.87
	QPSK	1	0	25.63	25.53	25.66	23.74	23.67	23.90	26.39	26.26	26.33	22.75	22.55	22.33
		1	1	27.71	**27.90**	27.80	**25.53**	25.42	25.48	**28.55**	28.32	28.50	**25.07**	24.78	24.72
		1	131	27.65	27.63	27.67	25.29	25.26	25.42	28.30	28.32	28.51	24.80	24.76	24.67
		1	132	25.31	25.43	25.51	23.08	23.12	23.24	26.11	26.05	26.00	22.53	22.54	22.44
		64	32	27.69	27.73	27.67	25.45	25.41	25.30	28.36	28.28	28.30	24.81	24.68	24.77
		128	0	27.69	27.71	27.64	25.43	25.40	25.35	28.41	28.35	28.38	24.76	24.70	24.74
	16QAM	1	0	25.03	24.84	25.61	23.02	22.51	22.71	25.88	25.62	25.76	22.30	21.87	21.69
		1	1	27.31	27.08	**27.77**	**25.27**	24.74	25.01	28.00	27.63	27.72	**24.54**	24.05	24.10
		1	131	27.15	27.11	27.52	25.01	24.62	24.85	**28.06**	27.57	27.40	24.38	24.12	24.21
		1	132	24.78	24.56	25.42	22.80	22.08	22.53	25.59	25.42	25.40	22.27	21.89	21.69
		64	32	27.20	27.18	27.23	24.87	24.84	24.79	27.83	27.85	27.82	24.26	24.22	24.22
		128	0	26.57	26.54	26.45	24.23	24.16	24.19	27.18	27.12	27.10	23.56	23.56	23.58
	64QAM	1	0	25.75	25.77	25.76	23.39	23.05	23.34	26.47	26.54	26.02	22.74	22.57	22.67
		1	1	26.49	**26.78**	26.68	24.31	24.27	**24.36**	27.26	27.37	**27.38**	23.87	23.59	23.91
		1	131	26.41	26.69	26.70	24.07	24.17	24.15	26.92	26.98	27.09	**23.92**	23.52	23.77
		1	132	25.59	25.51	25.56	23.07	22.96	23.38	26.06	26.21	26.03	22.76	22.42	22.76
		64	32	26.51	26.53	26.43	24.25	24.16	24.13	27.13	27.09	27.13	23.56	23.56	23.61
		128	0	26.51	26.50	26.46	24.23	24.21	24.11	27.19	27.14	27.10	23.53	23.61	23.63
	256QAM	1	0	24.76	24.63	**24.90**	22.42	**22.60**	22.23	**25.50**	25.16	25.24	21.62	**21.73**	21.46
		1	1	24.84	24.56	24.77	22.56	22.26	22.32	25.46	25.40	25.23	21.63	21.52	21.44
		1	131	24.77	24.50	24.50	22.31	22.34	22.13	25.09	25.34	25.18	21.45	21.45	21.58
		1	132	24.66	24.44	24.52	22.20	22.27	22.19	25.24	24.91	25.12	21.49	21.25	21.37
		64	32	24.47	24.45	24.38	22.15	22.10	22.07	25.07	25.10	25.09	21.51	21.49	21.60
		128	0	24.47	24.43	24.44	22.13	22.17	22.13	25.16	25.09	25.07	21.46	21.56	21.63

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	25.53	26.08	26.18	23.67	23.53	23.39	22.13	22.50	22.22	21.62	21.99	22.21
		1	1	27.62	28.26	28.48	26.08	25.65	25.57	27.69	28.26	27.82	23.87	24.16	24.47
		1	160	27.80	**28.70**	28.46	25.92	25.89	25.83	27.70	28.47	27.99	25.19	25.17	24.50
		1	161	25.49	26.30	26.24	23.51	23.67	23.49	25.54	**28.70**	25.66	22.94	22.99	22.21
		81	40	27.75	28.48	28.45	25.99	**26.20**	25.74	27.82	28.56	27.94	24.26	25.00	**25.20**
		162	0	27.80	28.48	28.45	25.93	26.11	25.74	27.82	28.52	27.92	24.29	24.81	24.90
	QPSK	1	0	24.92	25.41	25.78	23.82	23.56	23.54	25.35	25.99	25.52	21.41	21.82	22.09
		1	1	27.36	27.57	27.78	25.34	25.34	25.36	28.23	28.13	27.74	23.66	23.97	24.29
		1	160	27.65	**28.23**	27.92	25.35	25.43	25.32	27.72	28.35	27.90	24.90	**25.01**	24.33
		1	161	25.12	25.71	25.71	23.21	23.30	22.88	25.79	26.18	25.74	22.72	22.78	22.04
		81	40	27.45	28.07	27.90	25.51	25.63	25.35	28.08	**28.57**	27.89	24.00	24.76	**25.01**
		162	0	27.44	27.97	27.95	25.53	**25.71**	25.38	28.10	28.53	27.90	24.02	24.55	24.62
	16QAM	1	0	25.05	24.80	24.96	22.64	22.92	22.68	25.69	25.58	25.25	20.97	21.31	21.88
		1	1	**27.77**	26.96	27.39	25.03	24.85	24.82	27.92	**27.94**	27.47	23.22	23.45	24.10
		1	160	27.35	27.61	27.38	24.81	24.97	24.85	27.73	27.83	27.68	**24.51**	24.47	24.16
		1	161	24.82	25.49	24.98	22.58	22.82	22.65	25.52	25.91	25.09	22.31	22.25	21.89
		81	40	27.22	**27.77**	27.56	**25.04**	24.72	24.83	27.62	27.82	27.29	23.51	24.25	24.48
		162	0	26.45	27.03	26.84	24.32	24.44	24.12	26.88	27.22	26.65	22.81	23.35	23.41
	64QAM	1	0	25.29	25.32	25.34	23.77	23.36	23.28	25.77	25.52	25.28	21.39	21.94	22.29
		1	1	26.44	26.32	26.62	**24.69**	24.41	24.25	26.57	26.34	26.17	22.41	22.81	23.30
		1	160	26.30	26.60	26.46	24.28	24.48	24.20	26.20	27.00	26.67	23.69	**23.86**	23.35
		1	161	25.00	25.70	25.12	23.37	23.29	23.48	25.34	25.89	25.67	22.68	22.85	22.30
		81	40	26.34	**27.08**	26.75	24.32	24.51	23.98	26.89	**27.41**	26.60	22.79	23.54	23.76
		162	0	26.37	27.04	26.65	24.31	24.43	24.04	26.86	27.37	26.61	22.78	23.31	23.47
	256QAM	1	0	24.27	24.41	24.31	22.40	22.44	22.12	24.42	24.96	24.02	20.35	20.86	21.04
		1	1	24.46	24.36	24.19	22.29	21.91	22.22	25.05	23.96	24.65	20.37	20.74	21.04
		1	160	24.60	24.99	24.26	22.17	22.26	22.31	24.35	24.65	24.66	21.68	21.76	21.03
		1	161	24.36	24.85	24.20	**22.58**	21.99	22.10	24.72	24.86	24.88	21.64	**21.79**	20.99
		81	40	24.36	**25.05**	24.63	22.29	22.51	22.09	24.88	**25.22**	24.61	20.79	21.51	21.73
		162	0	24.34	25.01	24.66	22.25	22.46	22.06	24.82	25.21	24.66	20.78	21.32	21.40

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	25.88	25.88	26.23	23.37	23.38	23.64	25.61	25.53	25.59	21.23	21.70	22.99
		1	1	28.08	28.08	28.39	25.54	25.43	25.78	27.72	28.08	27.75	23.46	23.99	25.19
		1	187	28.03	28.38	28.33	25.63	25.78	25.68	28.02	28.14	27.93	24.93	25.10	24.67
		1	188	26.07	26.21	26.06	23.23	23.63	23.47	25.58	25.96	25.53	22.72	22.87	22.45
		90	45	28.39	**28.70**	28.58	25.83	**26.20**	25.96	27.95	**28.70**	27.93	23.91	24.65	**25.20**
		180	0	28.33	28.52	28.50	25.68	25.90	25.89	27.95	28.31	27.87	23.98	24.42	25.07
	QPSK	1	0	25.74	25.48	25.67	23.44	23.26	23.63	25.36	25.47	25.46	21.02	21.51	22.73
		1	1	27.62	27.67	28.02	25.13	25.24	25.22	27.82	27.90	27.98	23.29	23.71	**24.96**
		1	187	27.85	27.95	27.99	25.22	25.47	25.38	27.68	27.99	27.89	24.74	24.82	24.45
		1	188	25.81	25.70	25.76	22.93	23.05	23.11	25.45	25.85	25.85	22.55	22.61	22.20
		90	45	27.98	**28.17**	28.14	25.42	**25.73**	25.53	27.97	**28.49**	27.92	23.71	24.40	**24.96**
		180	0	27.94	28.09	28.10	25.30	25.65	25.49	27.94	28.32	27.84	23.74	24.16	24.79
	16QAM	1	0	24.84	24.89	25.05	22.27	22.32	22.66	25.11	25.22	25.09	20.70	21.12	22.22
		1	1	27.07	**27.77**	27.30	24.46	24.20	24.84	27.59	27.40	27.45	22.99	23.37	24.44
		1	187	27.06	27.67	**27.77**	24.64	24.89	24.75	27.22	27.89	27.38	**24.48**	**24.48**	23.97
		1	188	24.82	25.55	24.76	22.10	22.19	22.73	25.29	25.57	25.13	22.20	22.28	21.72
		90	45	27.41	27.70	27.75	24.94	24.97	**25.05**	27.64	**28.02**	27.40	23.22	23.91	24.45
		180	0	26.73	26.84	26.97	24.16	24.42	24.26	26.80	27.19	26.60	22.54	22.98	23.60
	64QAM	1	0	25.47	25.04	25.45	23.07	23.08	23.15	25.35	25.29	24.84	21.06	21.68	22.70
		1	1	26.62	26.35	26.52	24.02	24.16	24.32	26.20	26.53	25.86	22.08	22.71	23.69
		1	187	25.99	26.56	**27.12**	23.84	**24.61**	24.13	25.99	27.05	25.86	23.58	**23.79**	23.15
		1	188	24.93	25.69	25.40	22.72	23.72	22.68	24.89	25.84	24.75	22.53	22.81	22.13
		90	45	26.70	26.98	26.90	24.15	24.48	24.28	26.82	**27.31**	26.66	22.44	23.17	23.73
		180	0	26.66	26.87	26.87	24.16	24.42	24.22	26.75	27.13	26.60	22.53	22.95	23.60
	256QAM	1	0	24.28	24.26	24.41	21.89	21.46	22.18	24.71	24.27	24.35	20.05	20.66	21.80
		1	1	24.23	24.42	24.57	21.75	22.21	22.27	24.84	24.54	24.27	20.08	20.70	21.82
		1	187	24.15	24.78	24.44	22.17	22.08	22.16	24.95	24.83	24.33	21.56	21.80	21.27
		1	188	24.24	24.35	24.42	21.84	22.41	22.13	24.83	24.57	24.44	21.52	**21.84**	21.23
		90	45	24.73	**24.88**	24.83	22.19	**22.51**	22.27	24.73	**25.21**	24.63	20.45	21.21	21.75
		180	0	24.69	24.78	24.77	22.01	22.34	22.23	24.72	25.10	24.57	20.50	20.96	21.56

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	26.13	25.91	26.04	23.60	23.19	23.47	25.69	25.82	25.65	21.71	21.25	22.89
		1	1	28.21	28.39	28.24	26.06	25.55	25.57	27.88	28.01	27.93	23.93	23.49	**25.20**
		1	215	28.21	28.46	28.56	25.59	26.00	25.59	28.01	28.14	28.11	24.99	25.00	23.95
		1	216	26.20	26.19	26.28	23.47	23.79	23.33	25.84	26.00	25.72	22.79	22.75	21.75
		108	54	28.52	**28.70**	28.60	26.00	**26.20**	25.88	28.30	**28.70**	28.18	24.62	24.19	24.41
		216	0	28.46	28.55	28.56	25.89	26.07	25.82	28.21	28.37	28.11	24.68	24.04	24.40
	QPSK	1	0	25.77	25.41	25.58	23.81	23.33	23.21	26.11	25.71	25.85	21.57	21.13	22.71
		1	1	27.87	27.55	28.07	**25.77**	25.14	25.02	28.35	27.98	27.81	23.81	23.35	**24.91**
		1	215	27.85	28.20	27.88	25.22	25.40	25.42	27.90	28.37	28.04	24.91	24.84	23.78
		1	216	25.56	25.70	25.76	23.26	23.23	23.15	25.66	25.95	25.93	22.68	22.62	21.55
		108	54	28.10	**28.27**	28.20	25.54	**25.77**	25.44	28.19	**28.43**	28.25	24.39	23.92	24.16
		216	0	28.02	28.11	28.16	25.54	25.63	25.44	28.16	28.38	28.17	24.45	23.73	24.09
	16QAM	1	0	25.32	24.74	25.29	22.77	22.13	22.35	25.47	24.99	24.89	21.12	20.79	22.29
		1	1	27.73	26.77	27.35	24.90	24.46	24.56	27.86	27.24	27.60	23.40	22.99	23.58
		1	215	27.28	27.73	27.57	24.38	25.12	24.77	27.48	27.81	27.36	23.40	23.61	23.36
		1	216	25.10	25.27	25.43	22.28	22.82	22.71	25.36	25.40	25.37	22.26	22.25	21.08
		108	54	27.64	27.74	**27.77**	25.03	**25.25**	25.15	27.73	**27.90**	27.73	**23.87**	23.41	23.65
		216	0	26.80	26.88	26.97	24.27	24.49	24.44	26.91	27.16	27.00	23.22	22.53	22.88
	64QAM	1	0	25.39	25.46	25.45	23.18	23.09	23.35	25.59	25.58	25.72	21.49	21.29	22.88
		1	1	26.71	25.95	25.85	24.22	24.36	23.96	26.55	26.64	27.02	22.51	22.32	**23.86**
		1	215	26.58	26.69	26.54	24.17	**24.68**	24.04	26.61	26.53	27.14	23.66	23.81	22.76
		1	216	25.40	25.78	25.70	22.84	23.48	23.43	25.47	25.90	26.03	22.60	22.81	21.72
		108	54	26.77	**27.06**	26.87	24.17	24.64	24.39	26.95	**27.29**	26.94	23.11	22.69	22.91
		216	0	26.74	26.90	26.80	24.10	24.48	24.33	26.93	27.17	26.92	23.13	22.53	22.88
	256QAM	1	0	24.76	24.20	24.45	22.18	21.64	22.45	24.95	24.36	24.28	20.48	20.12	**21.80**
		1	1	24.74	24.48	**25.06**	22.06	21.91	22.04	25.02	24.56	24.53	20.53	20.15	21.73
		1	215	24.70	24.15	24.79	22.20	22.50	21.99	24.45	24.88	24.94	21.62	21.59	20.61
		1	216	24.73	24.71	24.62	22.17	**22.63**	22.35	24.60	24.83	24.63	21.58	21.59	20.56
		108	54	24.74	24.90	24.94	22.14	22.60	22.40	24.90	**25.12**	24.87	21.12	20.71	20.95
		216	0	24.76	24.83	24.94	22.06	22.39	22.35	24.86	25.08	24.82	21.16	20.48	20.89

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	26.34	25.91	26.05	23.53	23.15	23.13	25.83	25.51	25.60	22.10	21.34	22.90
		1	1	28.42	28.00	28.19	25.79	25.32	25.42	28.08	27.71	27.95	24.38	23.58	25.13
		1	243	28.17	28.40	28.39	25.47	25.89	25.81	28.19	28.23	28.31	24.79	**25.20**	23.80
		1	244	25.95	26.12	26.29	23.25	23.40	23.50	25.68	26.06	25.80	22.52	23.00	21.51
		120	60	28.40	**28.70**	28.59	25.70	**26.20**	25.86	28.18	**28.70**	28.13	**25.20**	23.96	24.04
		243	0	28.49	28.53	28.54	25.76	25.92	25.78	28.19	28.36	28.14	25.09	23.87	24.23
	QPSK	1	0	26.00	25.35	25.71	23.57	23.34	23.17	25.97	25.56	25.74	21.92	21.16	22.73
		1	1	28.23	27.37	27.98	25.21	25.17	24.99	28.31	27.78	27.62	24.19	23.30	24.90
		1	243	27.83	28.22	28.16	25.22	25.58	25.14	28.30	28.30	28.07	24.54	24.93	23.60
		1	244	25.66	25.74	25.79	22.96	23.19	22.84	25.98	26.15	25.88	22.35	22.73	21.33
		120	60	28.04	28.22	**28.27**	25.39	**25.72**	25.45	28.26	**28.46**	28.13	**24.95**	23.73	23.83
		243	0	28.08	28.16	28.16	25.35	25.54	25.36	28.20	28.32	28.08	24.79	23.56	23.92
	16QAM	1	0	25.29	24.81	25.05	22.74	22.54	22.57	25.24	24.92	25.10	21.31	20.17	22.22
		1	1	27.39	27.21	27.63	24.59	24.52	**25.12**	27.52	26.57	27.04	23.63	22.32	**24.48**
		1	243	27.32	27.28	27.66	24.40	25.06	24.56	26.91	27.18	27.51	24.02	23.98	23.11
		1	244	24.76	25.59	25.54	22.59	23.16	22.79	25.34	25.26	25.52	21.72	21.79	20.83
		120	60	27.42	27.72	**27.75**	24.89	24.85	25.04	27.61	**27.91**	27.61	24.45	23.20	23.33
		243	0	26.81	26.95	27.00	24.05	24.31	24.27	26.92	27.15	26.84	23.52	22.31	22.69
	64QAM	1	0	25.67	25.26	25.09	22.79	22.87	23.38	25.48	25.46	25.10	22.14	21.28	22.80
		1	1	26.50	26.09	26.12	23.94	24.00	23.94	26.78	25.87	26.22	23.18	22.27	23.84
		1	243	26.27	26.64	26.58	23.86	24.07	24.06	26.58	26.40	26.30	23.57	**23.95**	22.49
		1	244	25.04	25.76	25.04	22.81	23.39	23.43	25.04	25.55	25.58	22.53	22.95	21.40
		120	60	26.72	**27.10**	26.91	24.06	**24.39**	24.31	26.83	**27.23**	26.91	23.69	22.47	22.56
		243	0	26.68	26.92	26.90	24.03	24.34	24.26	26.78	27.10	26.80	23.54	22.35	22.70
	256QAM	1	0	24.66	24.12	24.29	22.35	22.08	21.96	24.41	24.22	24.30	21.08	20.07	21.72
		1	1	24.38	24.27	23.74	22.06	21.94	21.72	24.98	24.18	24.32	21.12	20.09	**21.73**
		1	243	24.24	24.88	24.40	21.84	22.41	21.61	24.55	**25.30**	24.12	21.50	**21.73**	20.35
		1	244	24.22	24.60	24.33	21.97	**22.49**	22.05	24.48	25.12	24.97	21.45	21.72	20.28
		120	60	24.77	**25.00**	24.92	21.98	22.41	22.24	24.83	25.24	24.82	21.69	20.48	20.54
		243	0	24.72	24.84	24.93	21.91	22.26	22.24	24.82	25.11	24.79	21.56	20.32	20.64

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	26.01	25.63	25.45	23.77	23.22	23.53	25.92	25.73	26.03	21.95	21.48	22.64
		1	1	28.45	27.98	27.51	26.05	25.40	25.83	28.42	27.99	28.15	24.22	23.54	24.89
		1	271	28.42	28.54	27.92	25.66	25.98	25.72	27.99	28.28	28.25	24.09	25.18	23.81
		1	272	26.00	26.46	25.86	23.55	23.51	23.69	25.80	26.21	26.32	21.84	22.95	21.59
		135	67	28.47	**28.70**	27.83	25.82	**26.20**	25.94	28.22	**28.70**	28.37	**25.20**	23.76	24.04
		270	0	28.43	28.47	27.81	25.78	26.01	25.92	28.24	28.51	28.34	24.89	23.72	24.28
	QPSK	1	0	25.52	25.35	25.17	23.45	23.26	23.46	26.03	25.92	26.13	21.73	21.23	22.36
		1	1	28.05	27.76	27.30	25.49	24.94	25.33	28.30	27.76	28.19	24.01	23.30	24.61
		1	271	27.77	**28.17**	27.31	25.34	25.57	25.36	28.21	28.25	28.17	23.89	**24.98**	23.59
		1	272	25.70	25.89	25.26	22.68	23.33	23.34	25.90	26.08	26.08	21.62	22.76	21.29
		135	67	28.07	28.16	27.50	25.33	**25.73**	25.48	28.29	**28.66**	28.35	24.93	23.51	23.79
		270	0	28.06	28.08	27.43	25.30	25.58	25.42	28.19	28.48	28.35	24.57	23.41	23.96
	16QAM	1	0	25.44	25.05	24.06	22.28	22.29	22.69	25.19	25.30	25.46	21.32	20.76	22.29
		1	1	27.28	27.11	27.10	24.81	24.32	24.98	27.64	27.62	27.74	23.52	22.79	**24.48**
		1	271	27.28	27.16	27.13	24.86	25.19	24.96	27.60	27.84	28.01	23.37	24.46	23.43
		1	272	25.05	25.30	24.83	22.22	22.55	22.31	24.81	25.48	25.45	21.17	22.21	21.23
		135	67	27.59	**27.75**	27.06	24.84	**25.20**	25.01	27.71	**28.15**	27.92	24.43	23.01	23.27
		270	0	26.87	26.95	26.27	24.08	24.35	24.22	26.96	27.33	27.13	23.35	22.21	22.71
	64QAM	1	0	26.13	25.64	25.49	22.80	22.74	23.55	26.00	25.86	26.20	21.77	21.19	22.53
		1	1	26.81	26.39	26.50	**24.72**	23.52	24.43	27.03	27.20	27.24	22.77	22.05	23.60
		1	271	26.98	26.99	26.42	24.09	24.33	23.95	26.76	**27.60**	27.22	22.66	23.66	22.52
		1	272	25.38	25.99	25.74	23.34	23.24	23.49	26.03	26.45	26.07	21.59	22.67	21.50
		135	67	26.77	**27.00**	26.20	24.22	24.52	24.33	27.04	27.45	27.11	**23.78**	22.29	22.58
		270	0	26.79	26.86	26.18	24.13	24.39	24.24	27.01	27.30	27.15	23.34	22.19	22.71
	256QAM	1	0	24.30	24.20	24.21	22.40	21.60	22.20	**25.77**	24.72	24.63	20.56	19.97	21.52
		1	1	24.67	24.40	24.22	**22.44**	21.94	22.02	25.01	24.53	24.87	20.54	19.80	21.47
		1	271	24.64	24.41	24.40	22.19	22.35	22.11	24.97	25.15	24.98	20.36	21.39	20.40
		1	272	24.12	24.30	24.31	21.74	**22.44**	22.01	24.85	24.76	25.05	20.36	21.37	20.40
		135	67	24.76	**24.99**	24.11	22.10	**22.44**	22.20	25.00	25.38	25.02	**21.71**	20.31	20.57
		270	0	24.75	24.75	24.06	22.04	22.27	22.20	24.94	25.25	24.93	21.29	20.15	20.67

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	4.504	5.09
	5MHz, 16QAM			4.509	5.07
	10MHz, QPSK	50/0		8.983	9.94
	10MHz, 16QAM			9.004	9.87
	15MHz, QPSK	75/0		13.497	14.69
	15MHz, 16QAM			13.463	14.82
	20MHz, QPSK	100/0		17.957	19.59
	20MHz, 16QAM			17.960	19.7
	20MHz, QPSK	1/0		0.274	0.48

5G NR n7

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
5G NR n7	5MHz, BPSK	25/0	2535.0	4.507	5.17
	5MHz, QPSK			4.487	5.11
	5MHz, 16QAM			4.477	5.01
	10MHz, BPSK	50/0		8.980	9.72
	10MHz, QPSK			9.017	9.92
	10MHz, 16QAM			8.988	9.81
	15MHz, BPSK	75/0		13.469	14.34
	15MHz, QPSK			13.424	14.45
	15MHz, 16QAM			13.463	14.48
	20MHz, BPSK	100/0		17.939	19.07
	20MHz, QPSK			17.897	19.04
	20MHz, 16QAM			17.917	19.07
	25MHz, BPSK	128/0		22.851	24.23
	25MHz, QPSK			22.870	24.14
	25MHz, 16QAM			22.964	24.15
	30MHz, BPSK	160/0		28.671	30.08
	30MHz, QPSK			28.609	30.08
	30MHz, 16QAM			28.689	29.93
	35MHz, BPSK	180/0		32.179	33.60
	35MHz, QPSK			32.180	33.67
	35MHz, 16QAM			32.127	33.80
	40MHz, BPSK	216/0		38.513	40.20
	40MHz, QPSK			38.611	40.31
	40MHz, 16QAM			38.716	40.51
	40MHz, BPSK	1/0		0.330	0.55

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	1.089	1.35
	1.4MHz,16QAM			1.096	1.38
	3MHz, QPSK	15/0		2.702	3.06
	3MHz, 16QAM			2.706	3.06
	5MHz, QPSK	25/0		4.495	5.07
	5MHz, 16QAM			4.509	5.14
	10MHz, QPSK	50/0		8.957	9.84
	10MHz, 16QAM			8.987	9.96
	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	4.467	5.01
	5MHz, QPSK			4.474	5.02
	5MHz, 16QAM			4.481	5.09
	10MHz, BPSK	50/0		8.939	9.68
	10MHz, QPSK			8.967	9.76
	10MHz, 16QAM			8.959	9.64
	15MHz, BPSK	75/0		13.448	14.49
	15MHz, QPSK			13.449	14.55
	15MHz, 16QAM			13.420	14.29
	15MHz, BPSK	1/0		0.242	0.43

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	4.509	5.08
	5MHz, 16QAM			4.501	5.11
	10MHz, QPSK	50/0		8.956	9.87
	10MHz, 16QAM			8.951	9.93
	10MHz, QPSK	1/0		0.245	0.42

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	5.13
	5MHz, 16QAM			4.495	5.17
	10MHz, QPSK	50/0		8.982	9.95
	10MHz, 16QAM			8.954	9.99
	10MHz, QPSK	1/0		0.240	0.41

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	4.493	5.05
	5MHz, QPSK			4.503	5.15
	5MHz, 16QAM			4.492	5.07
	10MHz, BPSK	50/0		8.951	9.80
	10MHz, QPSK			8.973	9.97
	10MHz, 16QAM			8.985	9.71
	10MHz, BPSK	1/0		0.233	0.36

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	4.501	5.11
	5MHz, 16QAM			4.899	5.07
	10MHz, QPSK	50/0		8.964	9.95
	10MHz, 16QAM			8.978	9.97
	10MHz, QPSK	1/0		0.249	0.41

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	1.096	1.36
	1.4MHz,16QAM			1.093	1.35
	3MHz, QPSK	15/0		2.703	3.04
	3MHz, 16QAM			2.707	3.06
	5MHz, QPSK	25/0		4.500	5.10
	5MHz, 16QAM			4.508	5.10
	10MHz, QPSK	50/0		8.988	9.95
	10MHz, 16QAM			8.971	10.06
	15MHz, QPSK	75/0		13.469	14.81
	15MHz, 16QAM			13.467	14.87
	20MHz, QPSK	100/0		17.915	19.71
	20MHz, 16QAM			17.958	19.72
	20MHz, QPSK	1/0		0.278	0.46

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	4.478	5.04
	5MHz, QPSK			4.505	5.10
	5MHz, 16QAM			4.485	5.08
	10MHz, BPSK	50/0		8.955	9.69
	10MHz, QPSK			8.963	9.80
	10MHz, 16QAM			8.936	9.61
	15MHz, BPSK	75/0		13.368	14.40
	15MHz, QPSK			13.436	14.33
	15MHz, 16QAM			13.445	14.47
	20MHz, BPSK	100/0		17.870	18.97
	20MHz, QPSK			17.898	19.05
	20MHz, 16QAM			17.892	18.98
	25MHz, BPSK	128/0		22.906	24.21
	25MHz, QPSK			22.802	24.10
	25MHz, 16QAM			22.844	24.26
	30MHz, BPSK	160/0		28.595	30.17
	30MHz, QPSK			28.598	30.07
	30MHz, 16QAM			28.542	30.04
	35MHz, BPSK	180/0		32.175	33.83
	35MHz, QPSK			32.194	33.75
	35MHz, 16QAM			32.168	33.79
	40MHz, BPSK	216/0		38.612	40.35
	40MHz, QPSK			38.618	40.39
	40MHz, 16QAM			38.544	40.41
	40MHz, BPSK	1/0		0.289	0.51

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	1.092	1.35
	1.4MHz,16QAM			1.094	1.33
	3MHz, QPSK	15/0		2.711	3.04
	3MHz, 16QAM			2.703	3.04
	5MHz, QPSK	25/0		4.493	5.09
	5MHz, 16QAM			4.503	5.13
	10MHz, QPSK	50/0		8.982	9.91
	10MHz, 16QAM			8.976	9.87
	10MHz, QPSK	1/0		0.243	0.43

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	4.474	4.99
	5MHz, QPSK			4.489	5.16
	5MHz, 16QAM			4.487	4.99
	10MHz, BPSK	50/0		8.960	9.81
	10MHz, QPSK			8.938	9.66
	10MHz, 16QAM			8.945	9.63
	10MHz, BPSK	1/0		0.240	0.38

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	1.087	1.34
	1.4MHz,16QAM			1.094	1.34
	3MHz, QPSK	15/0		2.710	3.04
	3MHz, 16QAM			2.703	3.02
	5MHz, QPSK	25/0		4.497	5.13
	5MHz, 16QAM			4.503	5.16
	10MHz, QPSK	50/0		8.968	10.02
	10MHz, 16QAM			8.976	9.97

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	4.483	4.89
	5MHz, QPSK			4.489	5.03
	5MHz, 16QAM			4.467	5.02
	10MHz, BPSK	50/0		8.931	9.63
	10MHz, QPSK			8.928	9.60
	10MHz, 16QAM			8.956	9.74
	15MHz, BPSK	75/0		13.391	14.36
	15MHz, QPSK			13.372	14.28
	15MHz, 16QAM			13.408	14.45
	20MHz, BPSK	100/0		17.896	19.06
	20MHz, QPSK			17.889	18.92
	20MHz, 16QAM			17.905	19.02
	20MHz, BPSK	1/0		0.255	0.46

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	4.506	5.19
	5MHz, 16QAM			4.501	5.13
	10MHz, QPSK	50/0		8.974	9.89
	10MHz, 16QAM			9.001	9.93
	10MHz, QPSK	1/0		0.247	0.42

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	4.511	5.12
	5MHz, QPSK			4.507	5.12
	5MHz, 16QAM			4.475	4.96
	10MHz, BPSK	50/0		8.971	9.77
	10MHz, QPSK			8.944	9.74
	10MHz, 16QAM			8.944	9.81
	10MHz, BPSK	1/0		0.246	0.37

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	4.488	5.10
	5MHz, 16QAM			4.491	4.98
	10MHz, QPSK	50/0		8.990	9.86
	10MHz, 16QAM			8.990	9.82
	15MHz, QPSK	75/0		13.445	14.86
	15MHz, 16QAM			13.458	14.86
	20MHz, QPSK	100/0		17.941	19.57
	20MHz, 16QAM			17.921	19.55
	20MHz, QPSK	1/0		0.270	0.44

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	8.644	9.72
	10MHz, QPSK			8.619	9.99
	10MHz, 16QAM			8.646	9.75
	15MHz, BPSK	36/0		13.026	14.70
	15MHz, QPSK			12.896	14.14
	15MHz, 16QAM			12.885	13.98
	20MHz, BPSK	50/0		18.002	19.84
	20MHz, QPSK			17.921	19.58
	20MHz, 16QAM			17.945	19.76
	30MHz, BPSK	75/0		26.755	28.71
	30MHz, QPSK			26.883	28.79
	30MHz, 16QAM			26.904	28.72
	40MHz, BPSK	100/0		35.776	37.99
	40MHz, QPSK			35.824	38.13
	40MHz, 16QAM			35.701	38.04
	50MHz, BPSK	128/0		45.797	48.64
	50MHz, QPSK			45.864	48.21
	50MHz, 16QAM			45.764	48.07
	60MHz, BPSK	162/0		57.999	60.75
	60MHz, QPSK			57.868	60.70
	60MHz, 16QAM			57.807	60.74
	70MHz, BPSK	180/0		64.195	67.35
	70MHz, QPSK			64.324	67.45
	70MHz, 16QAM			64.300	67.49
	80MHz, BPSK	216/0		77.130	80.46
	80MHz, QPSK			77.241	80.52
	80MHz, 16QAM			77.194	80.62
	90MHz, BPSK	243/0		86.922	90.83
	90MHz, QPSK			86.665	90.41
	90MHz, 16QAM			86.592	90.44
	100MHz, BPSK	270/0		96.381	100.80
	100MHz, QPSK			96.570	100.50
	100MHz, 16QAM			96.244	100.50
	100MHz, BPSK	1/0		0.598	1.12

LTE BAND 48 (FCC)

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
LTE BAND 48	5MHz, QPSK	25/0	3625.0	4.492	4.99
	5MHz, 16QAM			4.478	4.80
	10MHz, QPSK	50/0		8.956	9.37
	10MHz, 16QAM			8.892	9.34
	15MHz, QPSK	75/0		13.435	13.98
	15MHz, 16QAM			13.455	14.34
	20MHz, QPSK	100/0		17.753	19.07
	20MHz, 16QAM			17.845	19.16
	20MHz, QPSK	1/0		0.292	0.47

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	8.649	9.61
	10MHz, QPSK			8.593	9.47
	10MHz, 16QAM			8.588	9.80
	15MHz, BPSK	36/0		12.918	14.01
	15MHz, QPSK			12.913	14.28
	15MHz, 16QAM			12.895	14.01
	20MHz, BPSK	50/0		17.876	18.72
	20MHz, QPSK			17.808	18.73
	20MHz, 16QAM			17.945	19.24
	30MHz, BPSK	75/0		26.765	28.49
	30MHz, QPSK			26.680	28.19
	30MHz, 16QAM			26.759	28.15
	40MHz, BPSK	100/0		35.633	37.54
	40MHz, QPSK			35.583	37.57
	40MHz, 16QAM			35.786	37.70
	40MHz, BPSK	1/0		0.511	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	1.090	1.34
	1.4MHz,16QAM			1.098	1.37
	3MHz, QPSK	15/0		2.699	3.04
	3MHz, 16QAM			2.697	3.07
	5MHz, QPSK	25/0		4.501	5.10
	5MHz, 16QAM			4.501	5.11
	10MHz, QPSK	50/0		8.961	9.94
	10MHz, 16QAM			8.977	9.92
	15MHz, QPSK	75/0		13.450	14.69
	15MHz, 16QAM			13.449	14.82
	20MHz, QPSK	100/0		17.956	19.71
	20MHz, 16QAM			17.937	19.73
	20MHz, QPSK	1/0		0.265	0.42

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	4.462	4.95
	5MHz, QPSK			4.500	5.12
	5MHz, 16QAM			4.476	5.03
	10MHz, BPSK	50/0		8.969	9.69
	10MHz, QPSK			8.963	9.84
	10MHz, 16QAM			8.950	9.74
	15MHz, BPSK	75/0		13.421	14.24
	15MHz, QPSK			13.411	14.40
	15MHz, 16QAM			13.414	14.34
	20MHz, BPSK	100/0		17.927	18.91
	20MHz, QPSK			17.871	19.00
	20MHz, 16QAM			17.913	19.06
	25MHz, BPSK	128/0		22.906	24.12
	25MHz, QPSK			22.902	24.02
	25MHz, 16QAM			22.829	24.10
	30MHz, BPSK	160/0		28.587	30.01
	30MHz, QPSK			28.610	30.02
	30MHz, 16QAM			28.603	30.12
	35MHz, BPSK	180/0		32.225	33.79
	35MHz, QPSK			32.119	33.74
	35MHz, 16QAM			32.137	33.76
	40MHz, BPSK	216/0		38.570	40.40
	40MHz, QPSK			38.590	40.37
	40MHz, 16QAM			38.597	40.40
	40MHz, BPSK	1/0		0.301	0.48

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	4.490	5.11
	5MHz, QPSK			4.486	5.10
	5MHz, 16QAM			4.488	5.10
	10MHz, BPSK	50/0		8.990	9.68
	10MHz, QPSK			8.962	9.76
	10MHz, 16QAM			8.937	9.70
	15MHz, BPSK	75/0		13.399	14.37
	15MHz, QPSK			13.404	14.29
	15MHz, 16QAM			13.453	14.21
	15MHz, BPSK	1/0		0.247	0.42

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			4.497	5.06
	10MHz, QPSK	50/0		8.962	10.00
	10MHz, 16QAM			8.965	10.13
	15MHz, QPSK	75/0		13.452	14.82
	15MHz, 16QAM			13.458	14.64
	20MHz, QPSK	100/0		17.888	19.56
	20MHz, 16QAM			17.872	19.40
	20MHz, QPSK	1/0		0.275	0.46

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	4.480	5.05
	5MHz, QPSK			4.472	5.14
	5MHz, 16QAM			4.487	5.05
	10MHz, BPSK	50/0		8.961	9.74
	10MHz, QPSK			8.950	9.66
	10MHz, 16QAM			8.926	9.75
	15MHz, BPSK	75/0		13.390	14.44
	15MHz, QPSK			13.406	14.45
	15MHz, 16QAM			13.432	14.41
	20MHz, BPSK	100/0		17.867	18.94
	20MHz, QPSK			17.852	19.09
	20MHz, 16QAM			17.895	19.06
	20MHz, BPSK	1/0		0.259	0.46

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

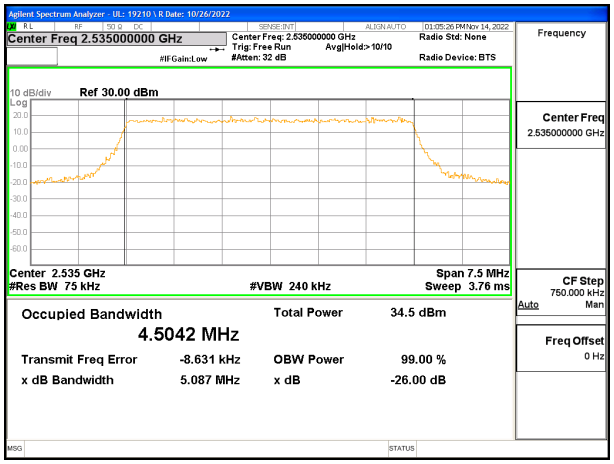
Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
5G NR n77 (FCC Part 27 3450-3550MHz)	10MHz, BPSK	24/0	3500.0	8.599	9.82
	10MHz, QPSK			8.600	9.81
	10MHz, 16QAM			8.604	9.58
	15MHz, BPSK	36/0		12.945	14.28
	15MHz, QPSK			12.892	14.29
	15MHz, 16QAM			12.885	14.22
	20MHz, BPSK	50/0		17.879	19.43
	20MHz, QPSK			17.933	19.39
	20MHz, 16QAM			17.895	19.40
	30MHz, BPSK	75/0		26.889	29.03
	30MHz, QPSK			26.858	28.71
	30MHz, 16QAM			26.862	28.86
	40MHz, BPSK	100/0		35.747	38.17
	40MHz, QPSK			35.755	38.09
	40MHz, 16QAM			35.723	38.01
	50MHz, BPSK	128/0		45.776	48.31
	50MHz, QPSK			45.722	48.38
	50MHz, 16QAM			45.809	48.18
	60MHz, BPSK	162/0		57.905	60.61
	60MHz, QPSK			57.911	60.91
	60MHz, 16QAM			57.762	61.00
	70MHz, BPSK	180/0		64.227	67.52
	70MHz, QPSK			64.278	67.68
	70MHz, 16QAM			64.460	67.59
	80MHz, BPSK	216/0		77.290	80.82
	80MHz, QPSK			77.077	80.75
	80MHz, 16QAM			77.305	80.73
	90MHz, BPSK	243/0		86.737	90.68
	90MHz, QPSK			87.035	90.65
	90MHz, 16QAM			86.821	90.82
	100MHz, BPSK	270/0		96.476	100.60
	100MHz, QPSK			96.637	100.70
	100MHz, 16QAM			96.717	100.60
	100MHz, BPSK	1/0		0.596	1.03

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

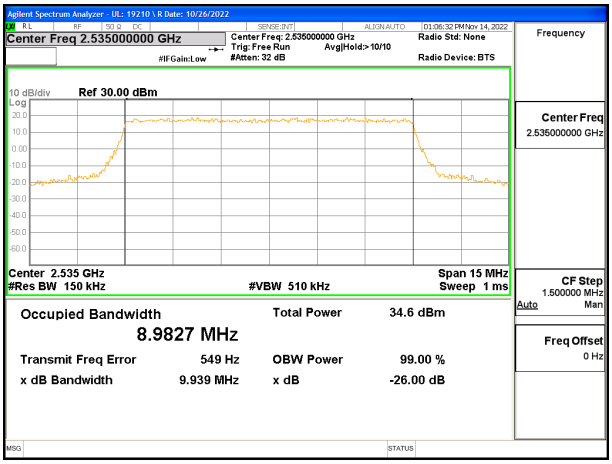
Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
5G NR n77 (FCC Part 27 3700-3980MHz)	10MHz, BPSK	24/0	3840.0	8.608	9.82
	10MHz, QPSK			8.654	9.76
	10MHz, 16QAM			8.592	9.35
	15MHz, BPSK	36/0		12.864	14.11
	15MHz, QPSK			12.873	13.94
	15MHz, 16QAM			12.866	14.10
	20MHz, BPSK	50/0		17.845	19.16
	20MHz, QPSK			17.900	19.17
	20MHz, 16QAM			17.944	19.10
	30MHz, BPSK	75/0		26.754	28.35
	30MHz, QPSK			26.834	28.61
	30MHz, 16QAM			26.805	28.35
	40MHz, BPSK	100/0		35.810	37.98
	40MHz, QPSK			35.662	38.03
	40MHz, 16QAM			35.684	37.38
	50MHz, BPSK	128/0		45.609	48.09
	50MHz, QPSK			45.665	47.73
	50MHz, 16QAM			45.655	47.88
	60MHz, BPSK	162/0		57.959	60.86
	60MHz, QPSK			57.946	60.55
	60MHz, 16QAM			57.739	60.51
	70MHz, BPSK	180/0		64.199	67.35
	70MHz, QPSK			64.322	67.30
	70MHz, 16QAM			64.299	67.23
	80MHz, BPSK	216/0		77.158	80.22
	80MHz, QPSK			76.979	80.53
	80MHz, 16QAM			76.934	80.25
	90MHz, BPSK	243/0		86.768	90.19
	90MHz, QPSK			86.680	90.23
	90MHz, 16QAM			86.583	90.35
	100MHz, BPSK	270/0		96.251	100.50
	100MHz, QPSK			96.241	100.30
	100MHz, 16QAM			96.222	100.40
	100MHz, BPSK	1/0		0.598	1.11

9.1.1. LTE BAND 7 AND 5G NR n7

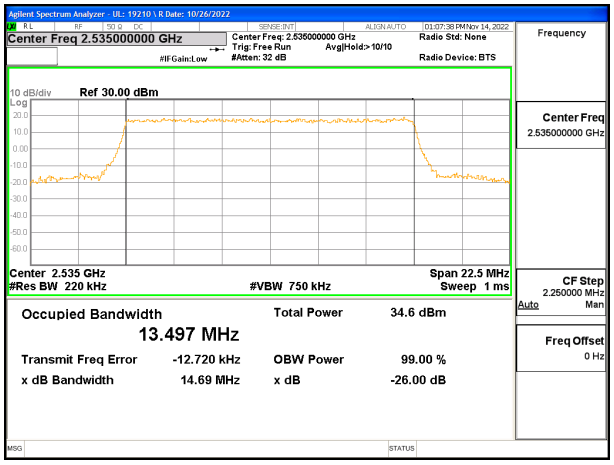
LTE BAND 7



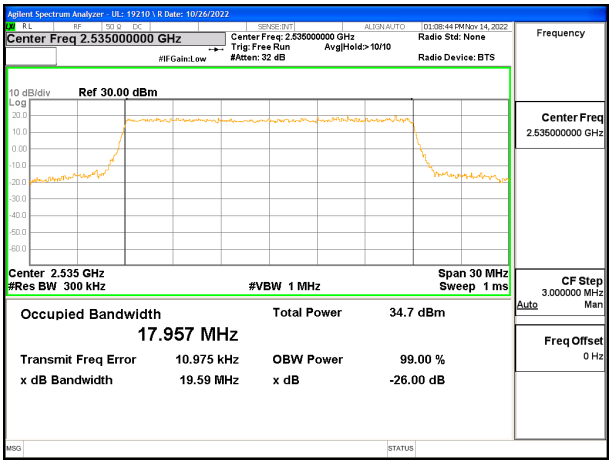
LTE B7 5MHz QPSK Middle Channel RB25-0



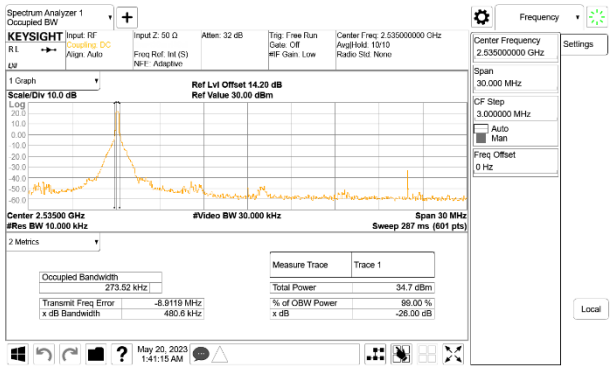
LTE B7 10MHz QPSK Middle Channel RB50-0



LTE B7 15MHz QPSK Middle Channel RB75-0

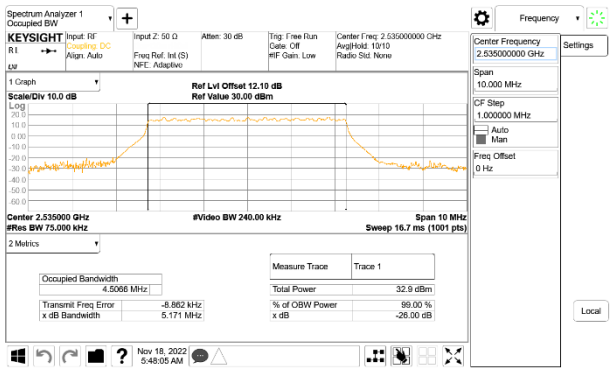


LTE B7 20MHz QPSK Middle Channel RB100-0

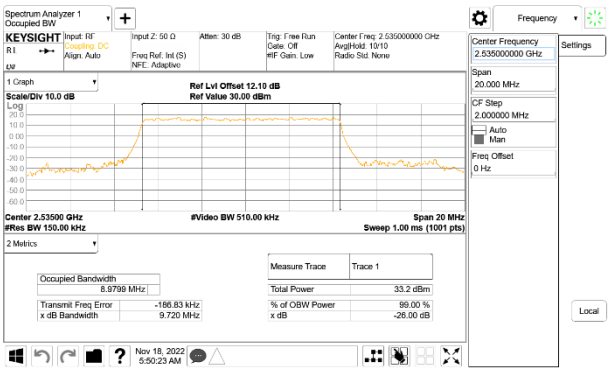


LTE B7 20MHz QPSK Middle Channel RB1-0, ID:19210

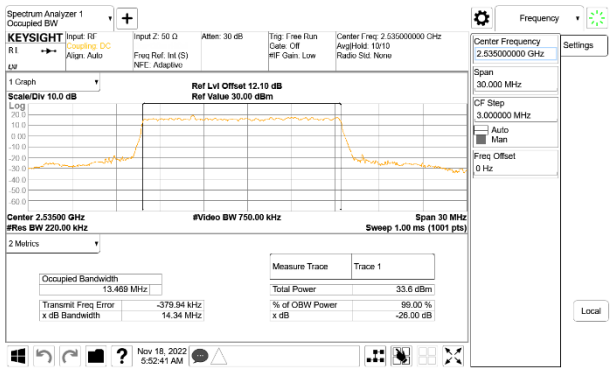
5G NR n7



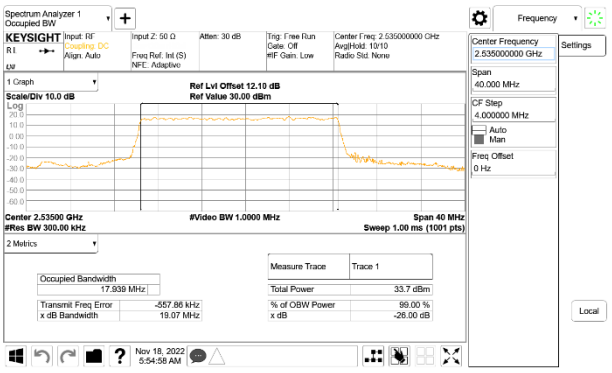
5G NR n7 5MHz BPSK Middle Channel RB25-0, ID: 28498



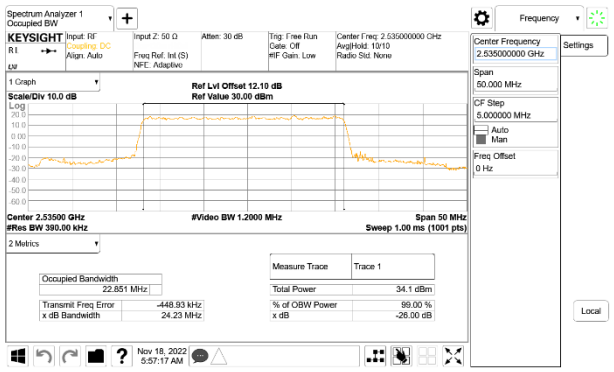
5G NR n7 10MHz BPSK Middle Channel RB50-0, ID: 28498



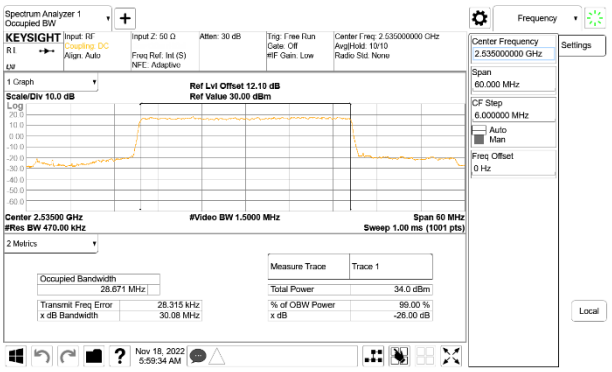
5G NR n7 15MHz BPSK Middle Channel RB75-0, ID: 28498



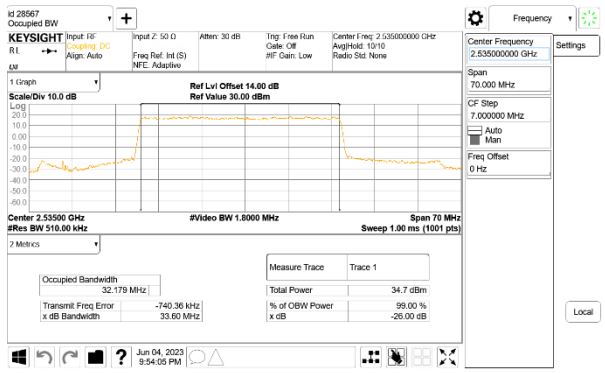
5G NR n7 20MHz BPSK Middle Channel RB100-0, ID: 28498



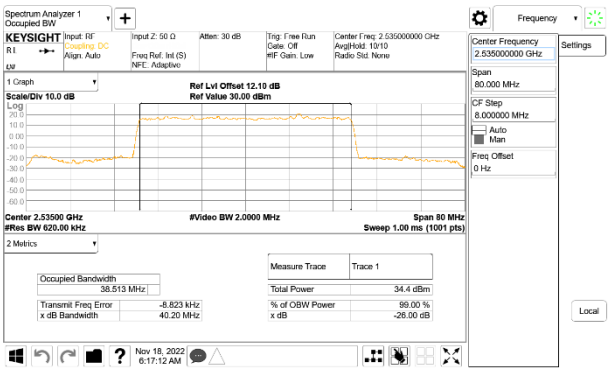
5G NR n7 25MHz BPSK Middle Channel RB128-0, ID: 28498



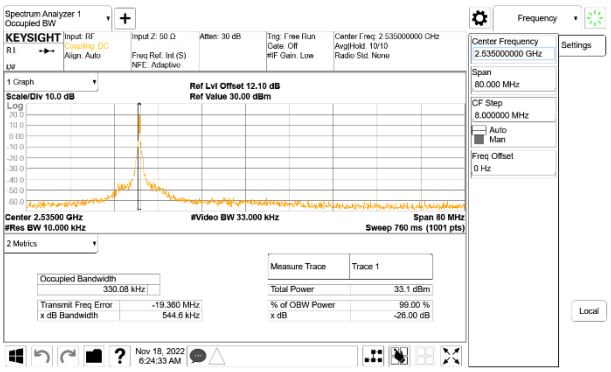
5G NR n7 30MHz BPSK Middle Channel RB160-0, ID: 28498



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



5G NR n7 40MHz BPSK Middle Channel RB216-0, ID: 28498

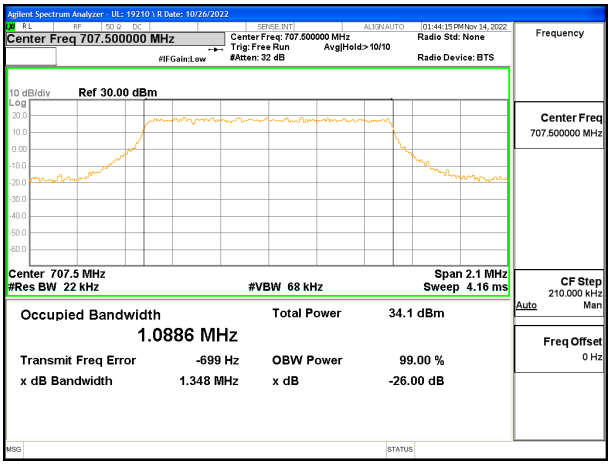


5G NR n7 40MHz BPSK Middle Channel RB1-0, ID:28498

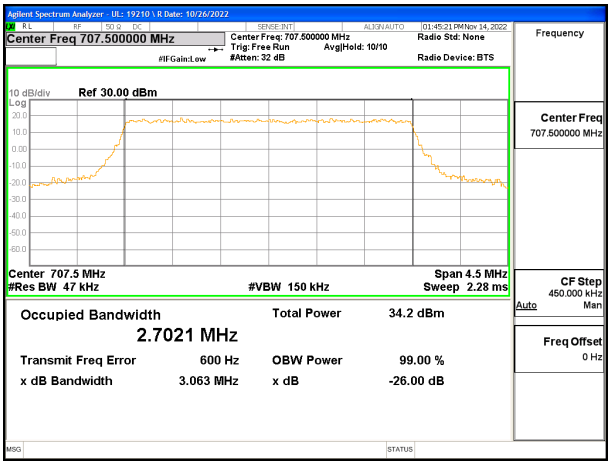
Intentionally Blank

9.1.2. LTE BAND 12 AND 5G NR n12

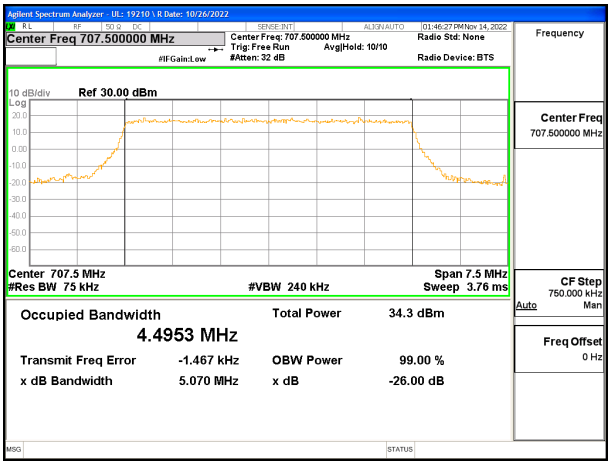
LTE BAND 12



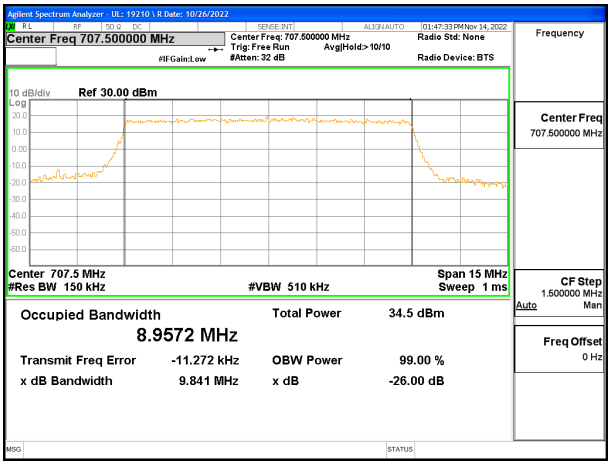
LTE B12 1.4MHz QPSK Middle Channel RB6-0



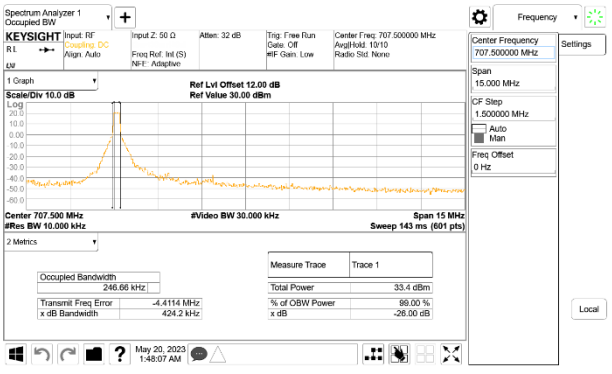
LTE B12 3MHz QPSK Middle Channel RB15-0



LTE B12 5MHz QPSK Middle Channel RB25-0

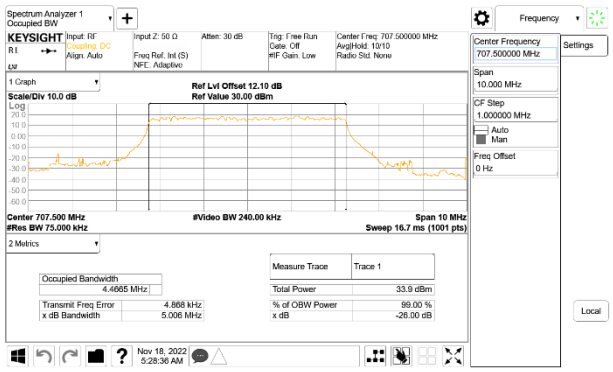


LTE B12 10MHz QPSK Middle Channel RB50-0

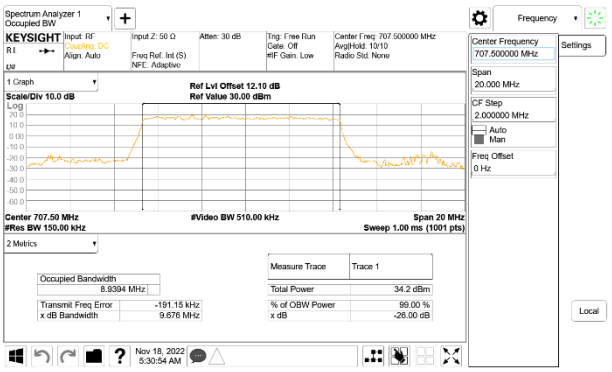


LTE B12 10MHz QPSK Middle Channel RB1-0, ID:25867

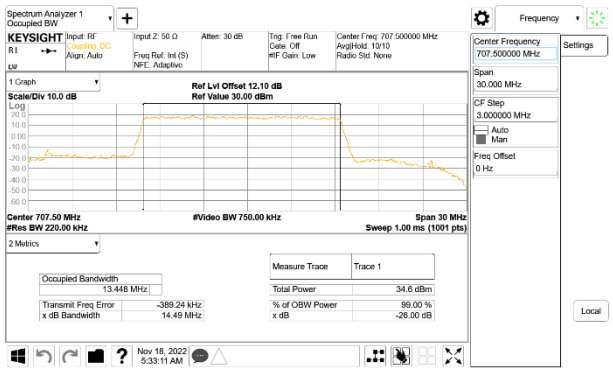
5G NR n12



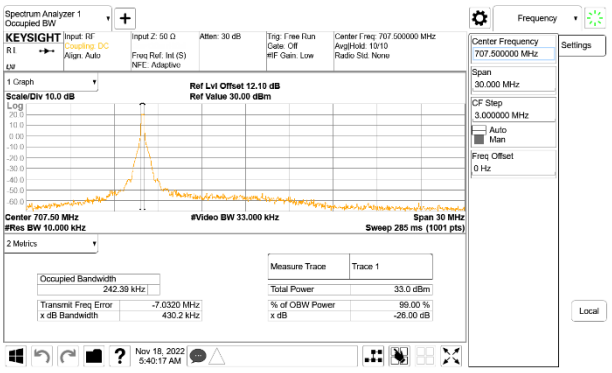
5G NR n12 5MHz BPSK Middle Channel RB25-0, ID: 28498



5G NR n12 10MHz BPSK Middle Channel RB50-0, ID: 28498

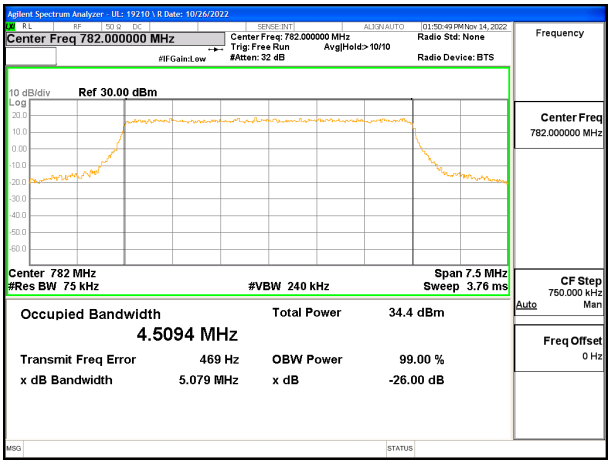


5G NR n12 15MHz BPSK Middle Channel RB75-0, ID: 28498

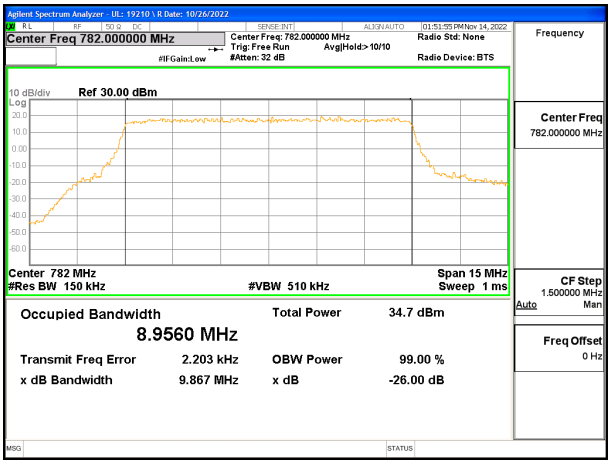


5G NR n12 15MHz BPSK Middle Channel RB1-0, ID: 28498

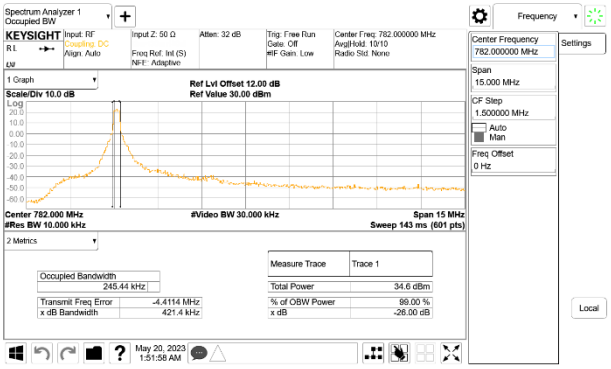
9.1.3. LTE BAND 13



LTE B13 5MHz QPSK Middle Channel RB25-0



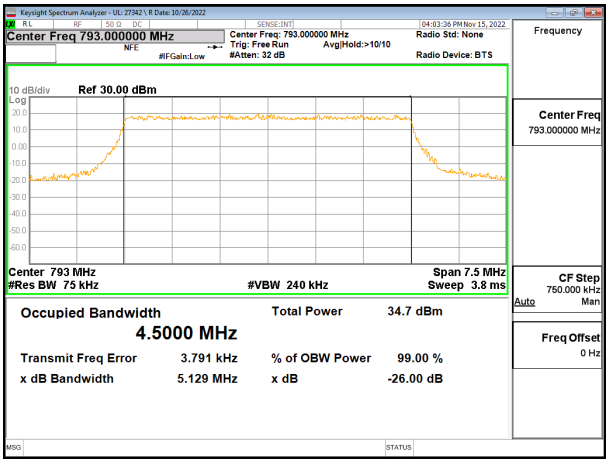
LTE B13 10MHz QPSK Middle Channel RB50-0



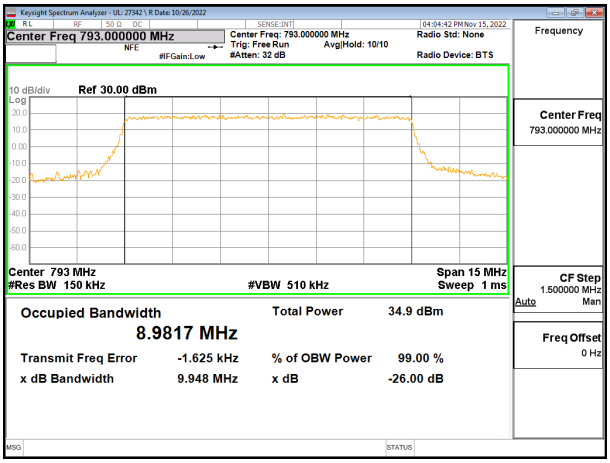
LTE B13 10MHz QPSK Middle Channel RB1-0, ID:25867

9.1.4. LTE BAND 14 AND 5G NR n14

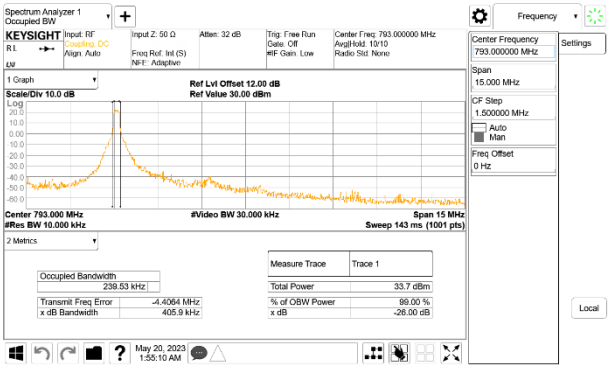
LTE BAND 14



LTE B14 5MHz QPSK Middle Channel RB25-0

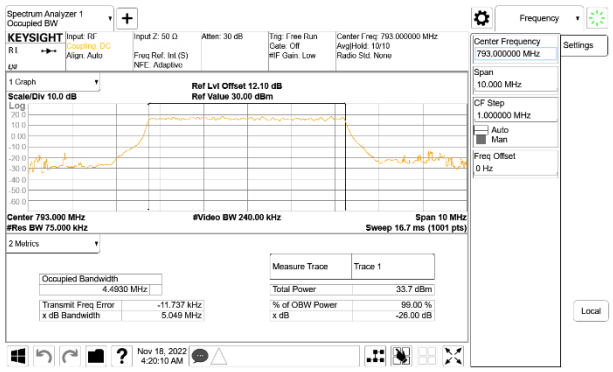


LTE B14 10MHz QPSK Middle Channel RB50-0

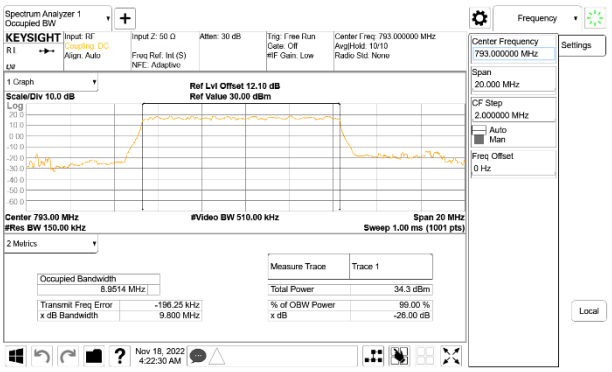


LTE B14 10MHz QPSK Middle Channel RB1-0, ID:25867

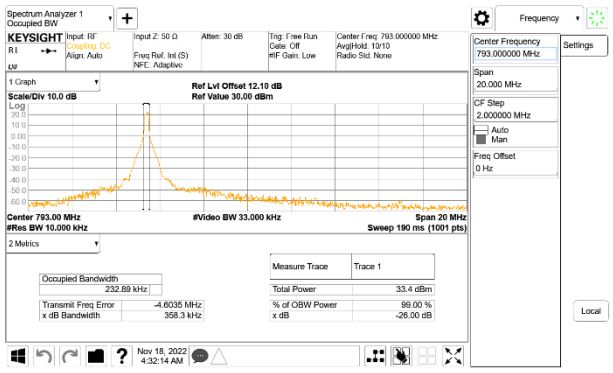
5G NR n14



5G NR n14 5MHz BPSK Middle Channel RB25-0, ID: 28498

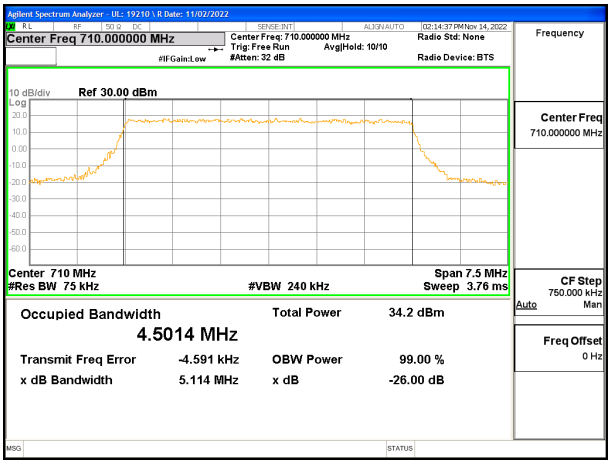


5G NR n14 10MHz BPSK Middle Channel RB50-0, ID: 28498

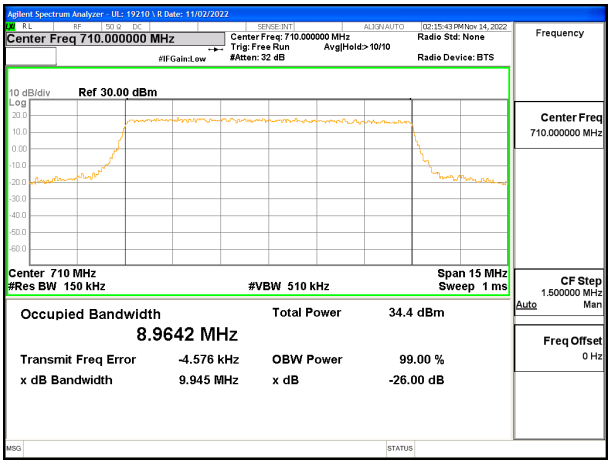


5G NR n14 10MHz BPSK Middle Channel RB1-0, ID: 28498

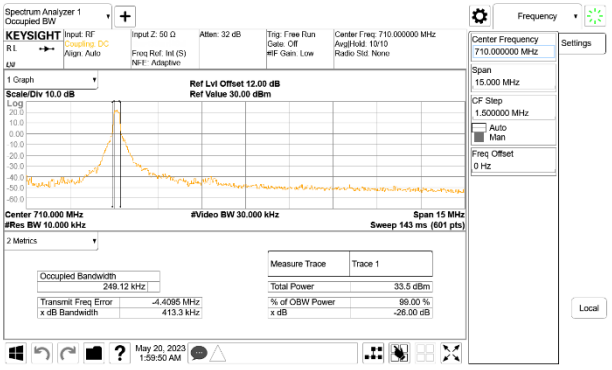
9.1.5. LTE BAND 17



LTE B17 5MHz QPSK Middle Channel RB25-0



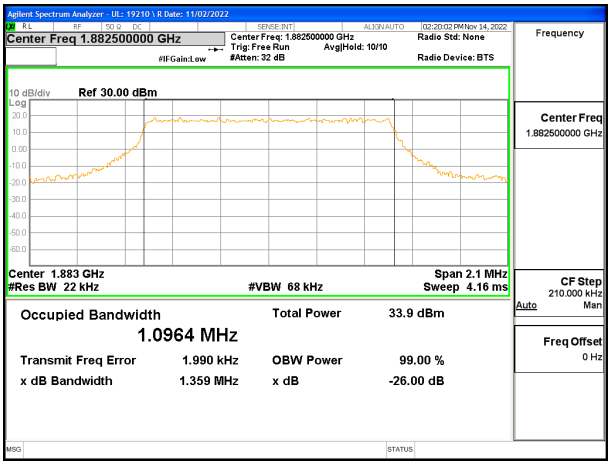
LTE B17 10MHz QPSK Middle Channel RB50-0



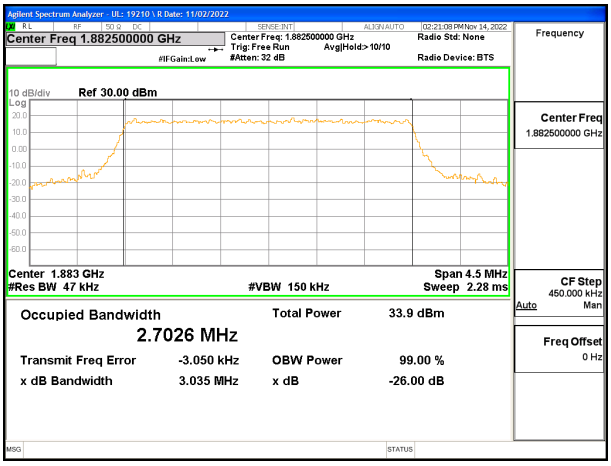
LTE B17 10MHz QPSK Middle Channel RB1-0, ID:25867

9.1.6. LTE BAND 25 AND 5G NR n25

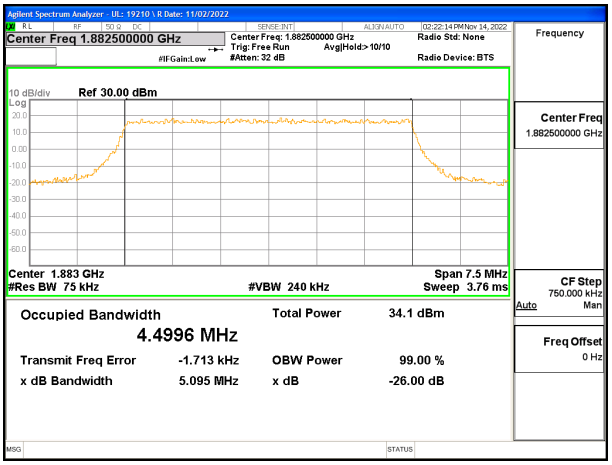
LTE BAND 25



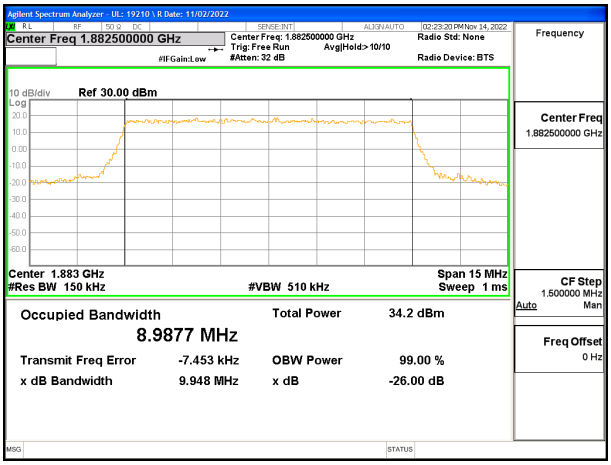
LTE B25 1.4MHz QPSK Middle Channel RB6-0



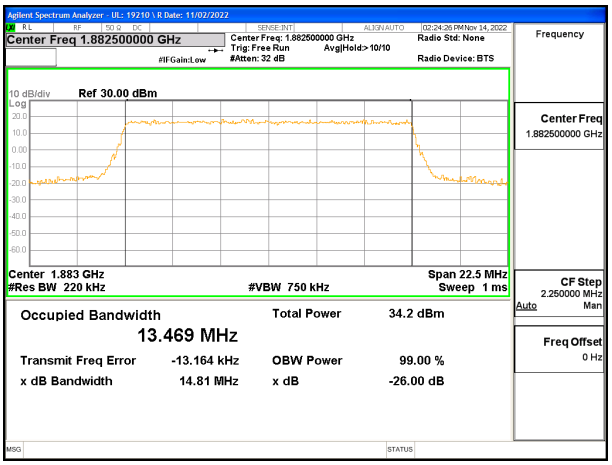
LTE B25 3MHz QPSK Middle Channel RB15-0



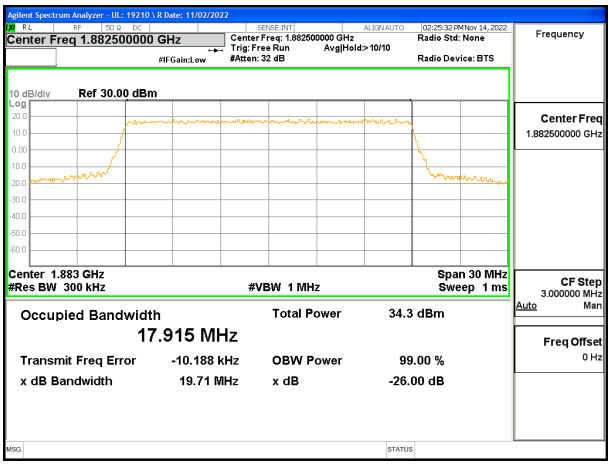
LTE B25 5MHz QPSK Middle Channel RB25-0



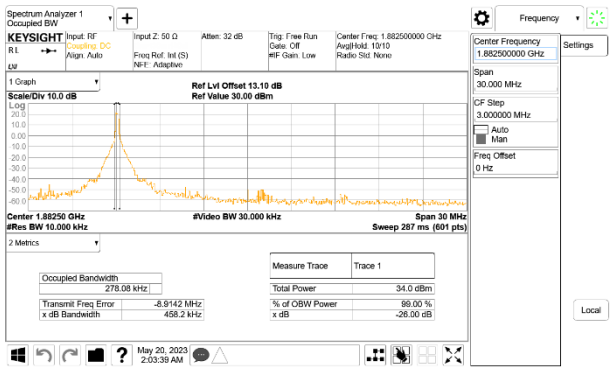
LTE B25 10MHz QPSK Middle Channel RB50-0



LTE B25 15MHz QPSK Middle Channel RB75-0

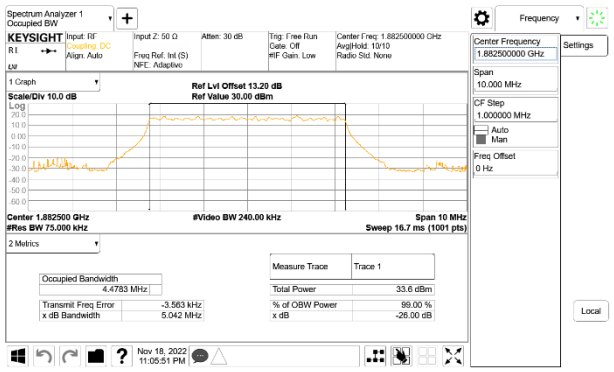


LTE B25 20MHz QPSK Middle Channel RB100-0

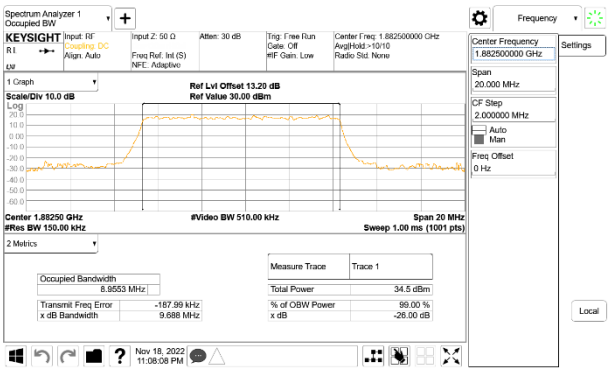


LTE B25 20MHz QPSK Middle Channel RB1-0, ID:25867

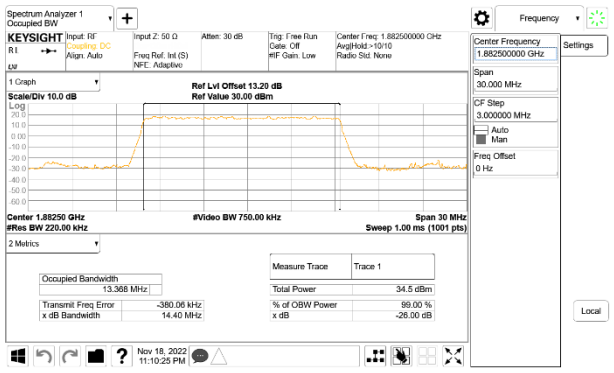
5G NR n25



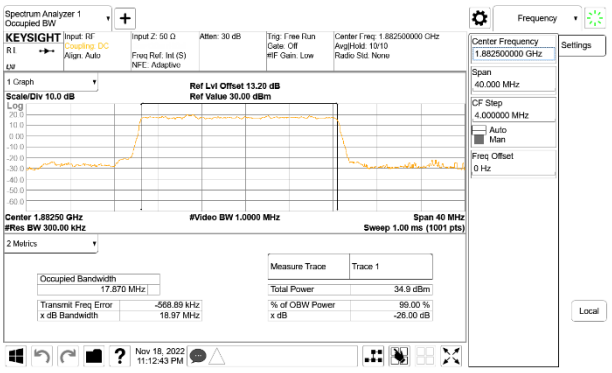
5G NR n25 5MHz BPSK Middle Channel RB25-0, ID: 28498



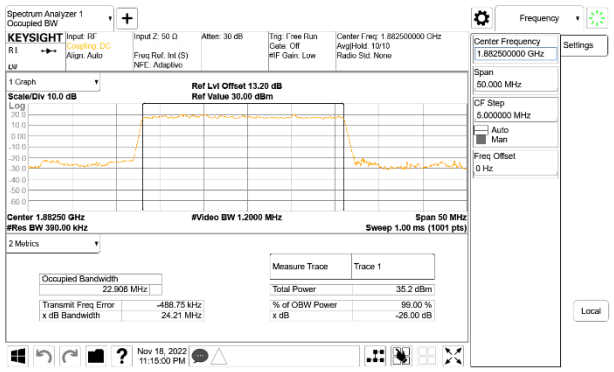
5G NR n25 10MHz BPSK Middle Channel RB50-0, ID: 28498



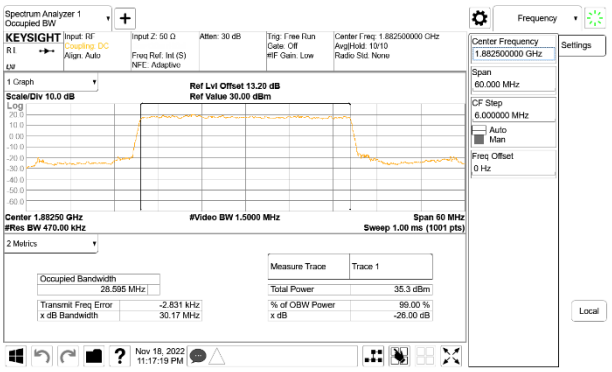
5G NR n25 15MHz BPSK Middle Channel RB75-0, ID: 28498



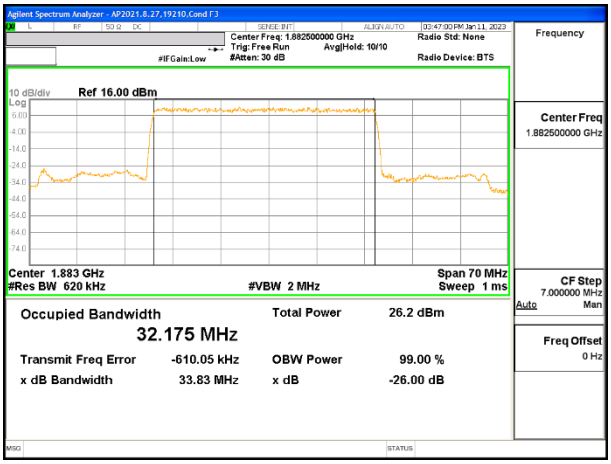
5G NR n25 20MHz BPSK Middle Channel RB100-0, ID: 28498



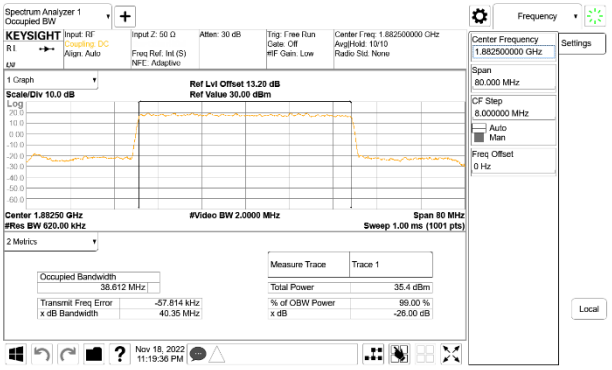
5G NR n25 25MHz BPSK Middle Channel RB128-0, ID: 28498



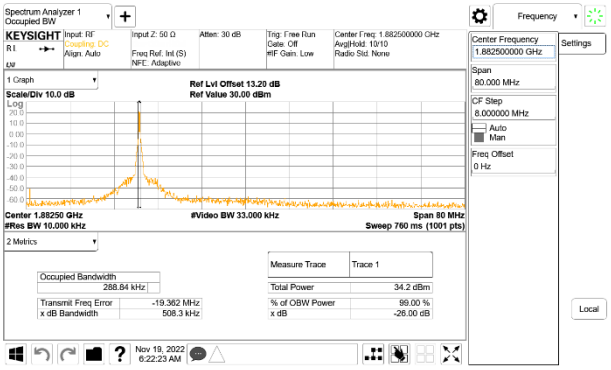
5G NR n25 30MHz BPSK Middle Channel RB160-0, ID: 28498



5G NR n25 35MHz BPSK Middle Channel RB180-0, ID:19210



5G NR n25 40MHz BPSK Middle Channel RB216-0, ID: 28498



5G NR n25 40MHz BPSK Middle Channel RB1-0, ID: 28498

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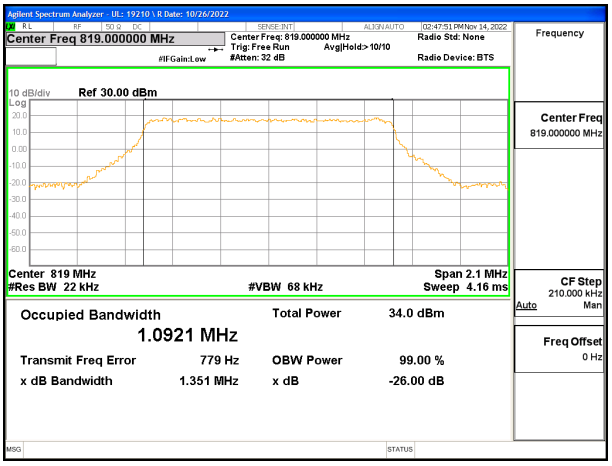
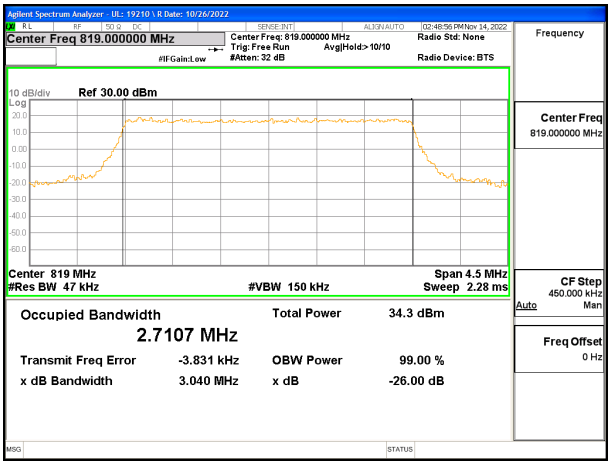
9.1.7. LTE BAND 26 AND 5G NR n26 (PART 90S)

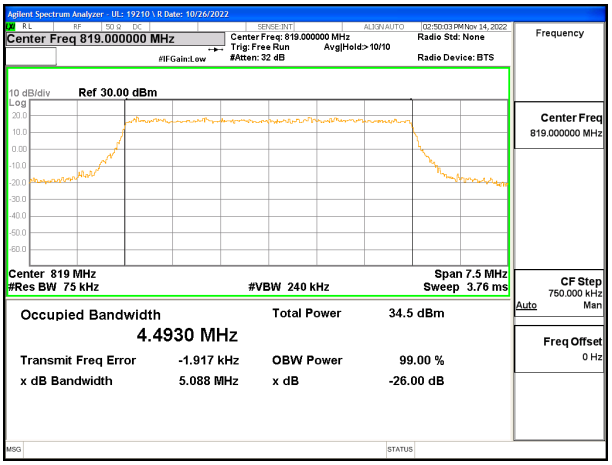
LTE BAND 26



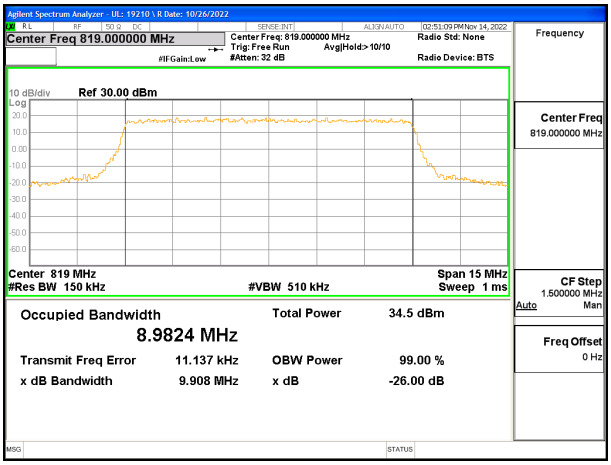
LTE B26 1.4MHz QPSK Middle Channel RB6-0



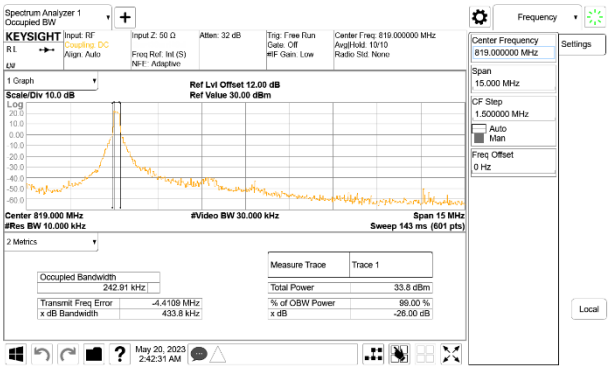
LTE B26 3MHz QPSK Middle Channel RB15-0



LTE B26 5MHz QPSK Middle Channel RB25-0

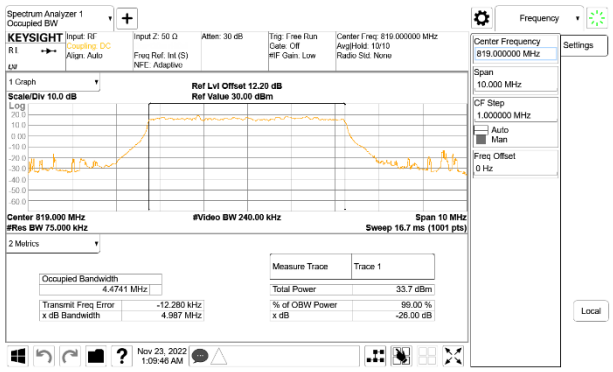


LTE B26 10MHz QPSK Middle Channel RB50-0

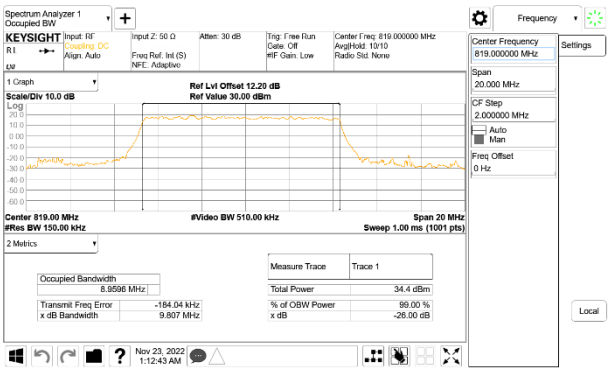


LTE B26 10MHz QPSK Middle Channel RB1-0, ID:25867

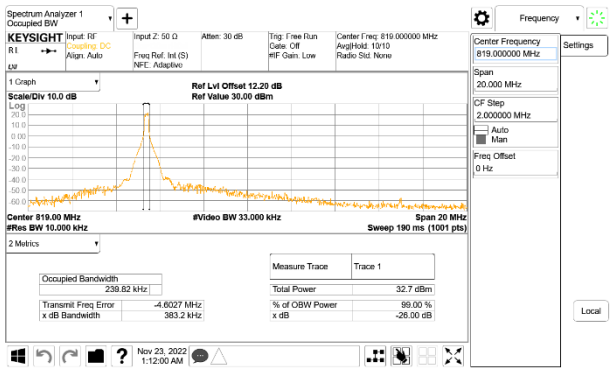
5G NR n26



5G NR n26 5MHz BPSK Middle Channel RB25-0, ID: 28498



5G NR n26 10MHz BPSK Middle Channel RB50-0, ID: 28498



5G NR n26 10MHz BPSK Middle Channel RB1-0, ID: 28498

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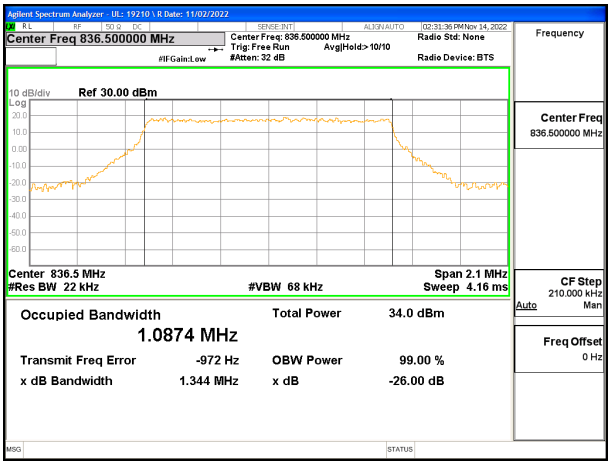
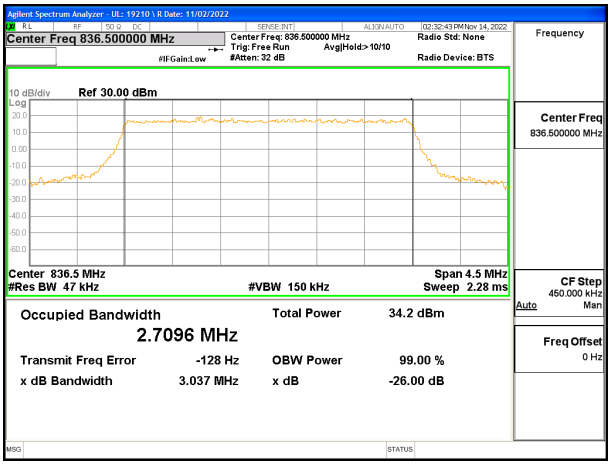
9.1.8. LTE BAND 26 AND 5G NR n26 (PART 22)

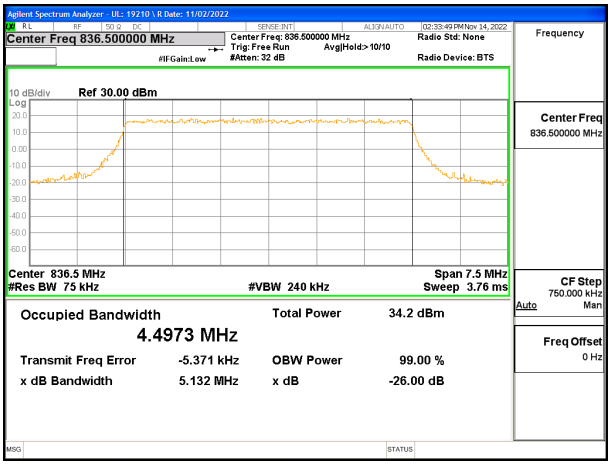
LTE BAND 26



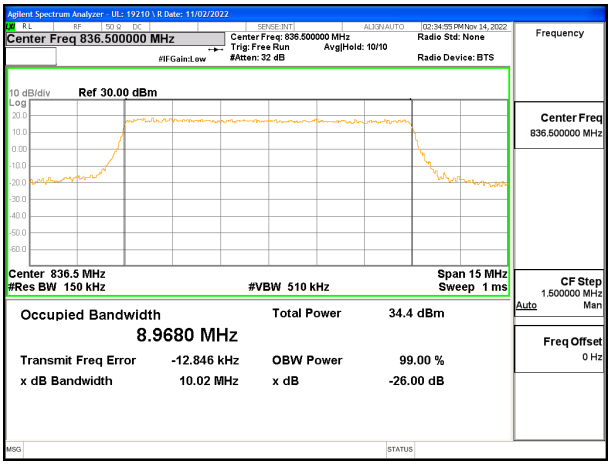
LTE B26 1.4MHz QPSK Middle Channel RB6-0



LTE B26 3MHz QPSK Middle Channel RB15-0

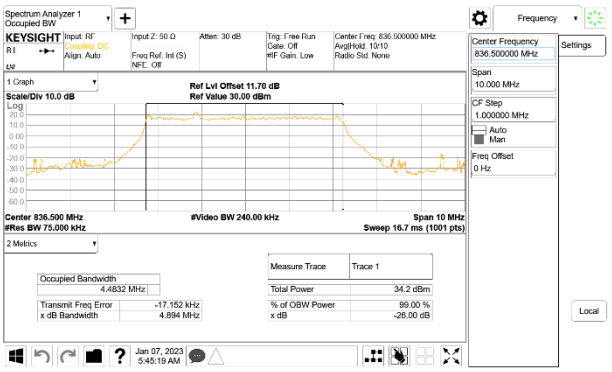


LTE B26 5MHz QPSK Middle Channel RB25-0

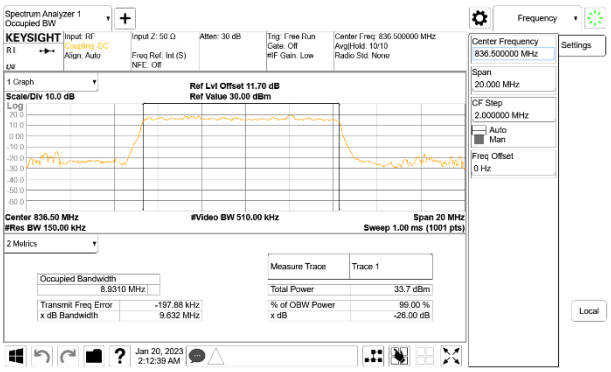


LTE B26 10MHz QPSK Middle Channel RB50-0

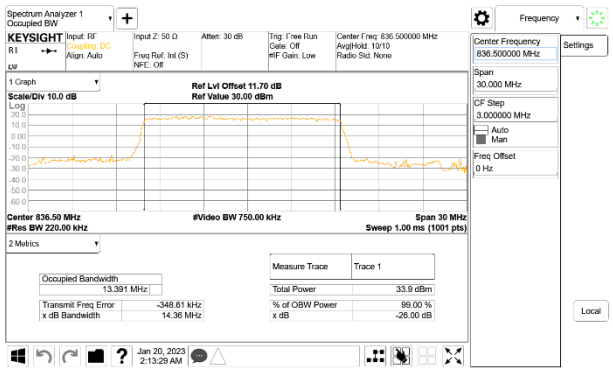
5G NR n26



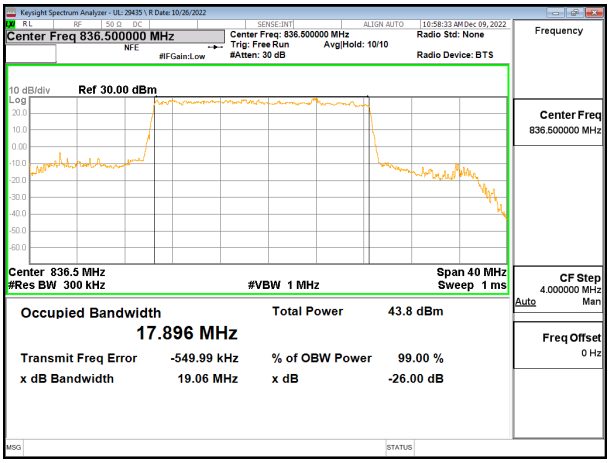
5G NR n26 5MHz BPSK Middle Channel RB25-0, ID: 28498



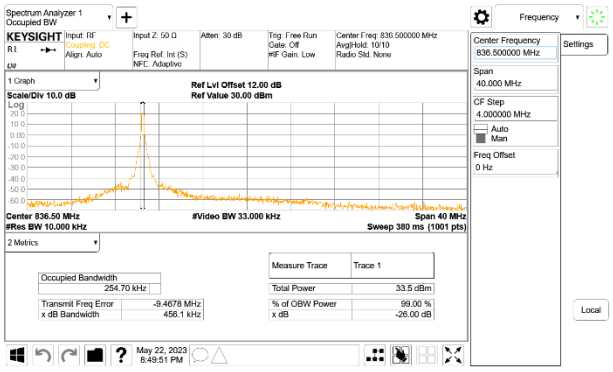
5G NR n26 10MHz BPSK Middle Channel RB50-0, ID: 28498



5G NR n26 15MHz BPSK Middle Channel RB75-0, ID: 28498



5G NR n26 20MHz BPSK Middle Channel RB100-0, ID: 29435



5G NR n26 20MHz BPSK Middle High Channel RB1-0, ID: 28498

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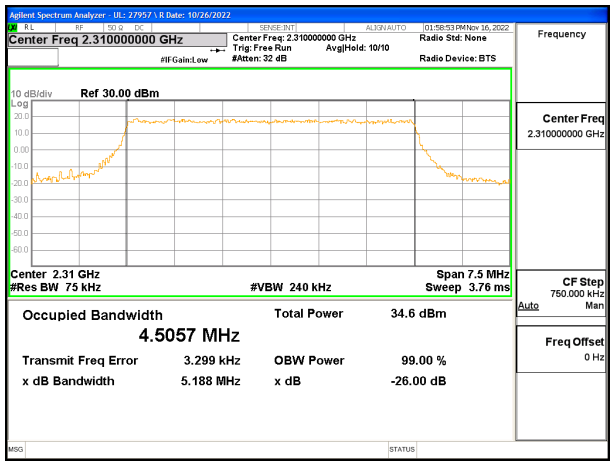
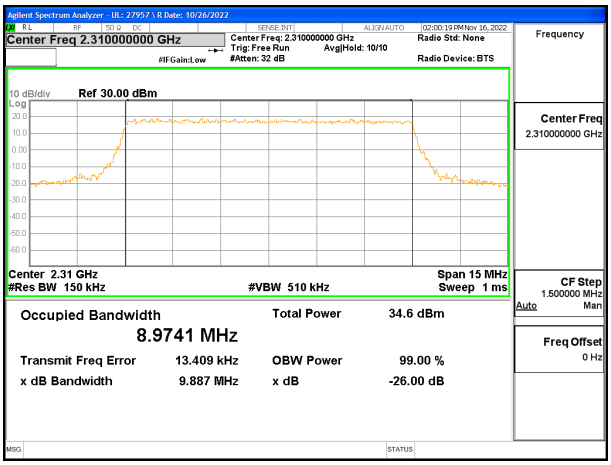
9.1.9. LTE BAND 30 AND 5G NR n30

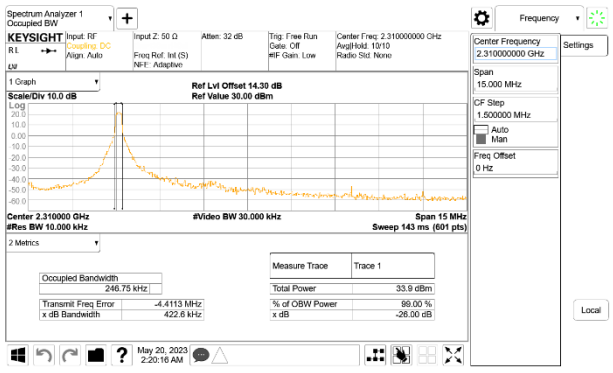
LTE BAND 30



LTE B30 5MHz QPSK Middle Channel RB25-0

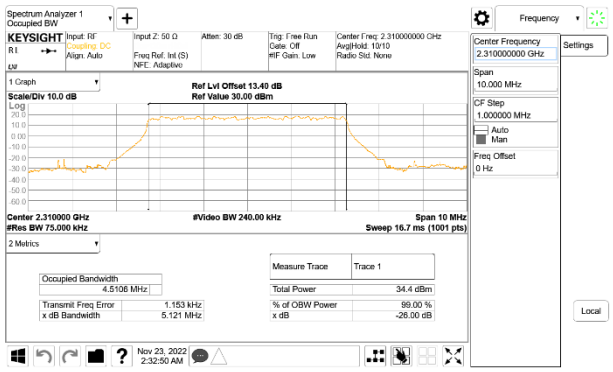


LTE B30 10MHz QPSK Middle Channel RB50-0

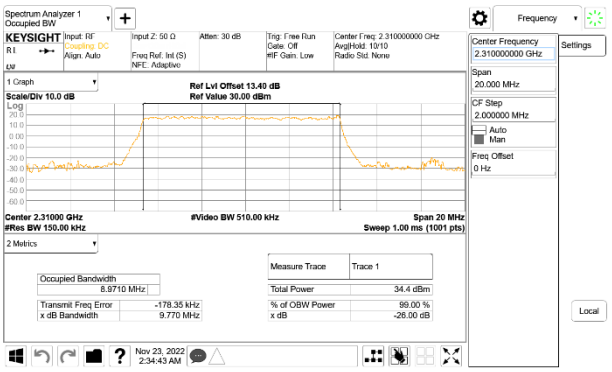


LTE B30 10MHz QPSK Middle Channel RB1-0, ID:25867

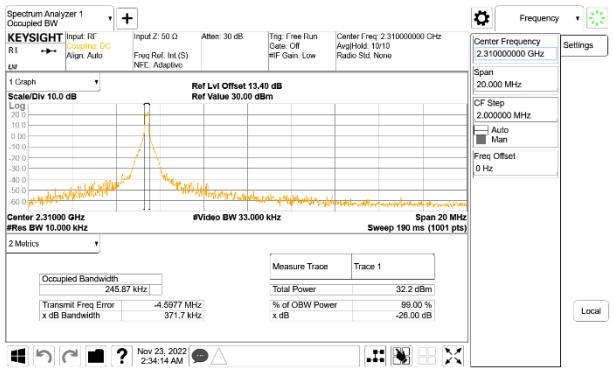
5G NR n30



5G NR n30 5MHz BPSK Middle Channel RB25-0, ID: 28498



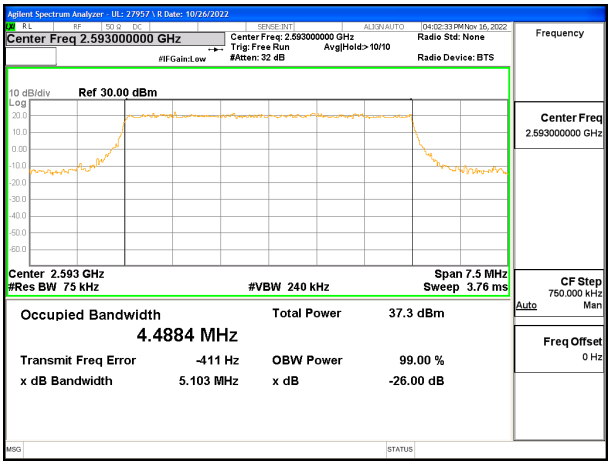
5G NR n30 10MHz BPSK Middle Channel RB50-0, ID: 28498



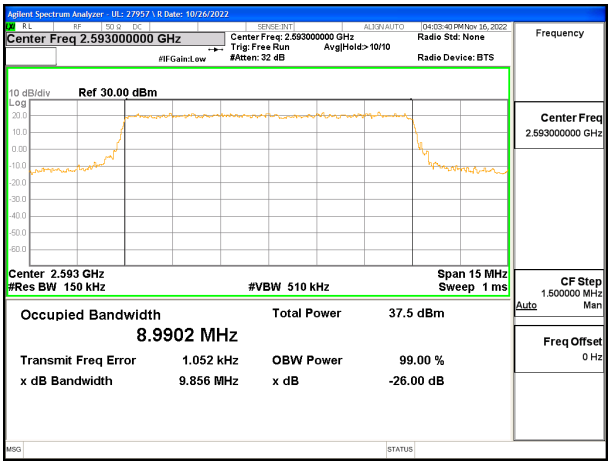
5G NR n30 10MHz BPSK Middle Channel RB1-0, ID: 28498

9.1.10. LTE BAND 41 AND 5G NR n41

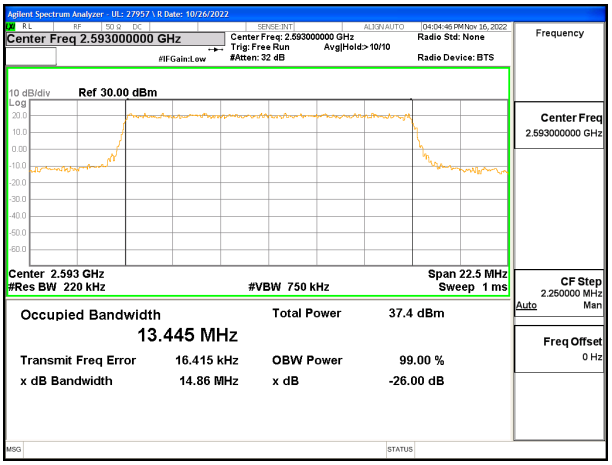
LTE BAND 41



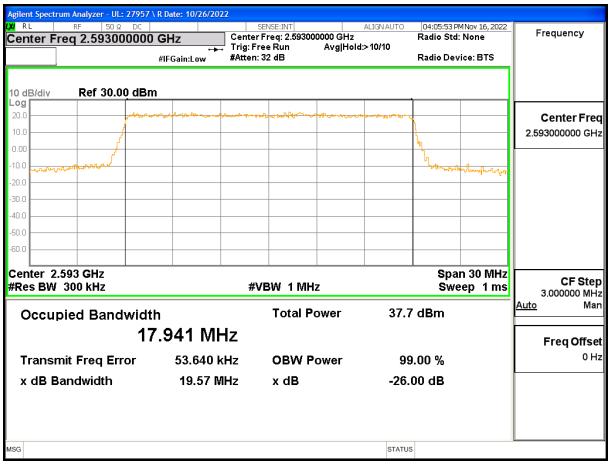
LTE B41 5MHz QPSK Middle Channel RB25-0



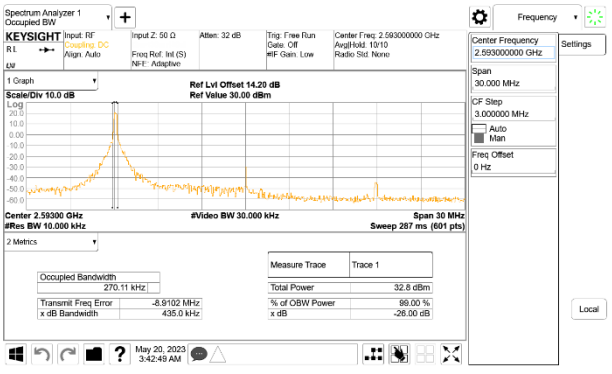
LTE B41 10MHz QPSK Middle Channel RB50-0



LTE B41 15MHz QPSK Middle Channel RB75-0

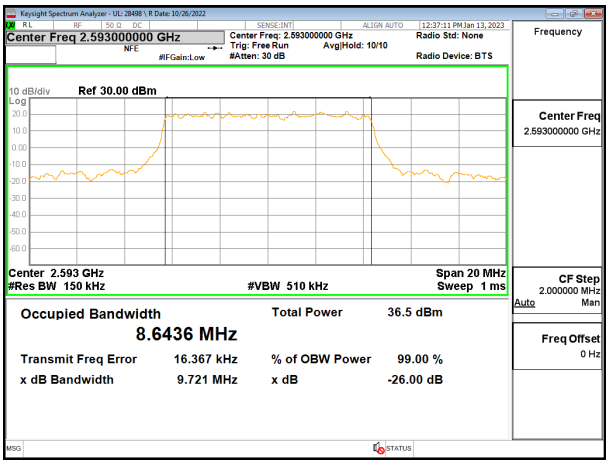


LTE B41 20MHz QPSK Middle Channel RB100-0

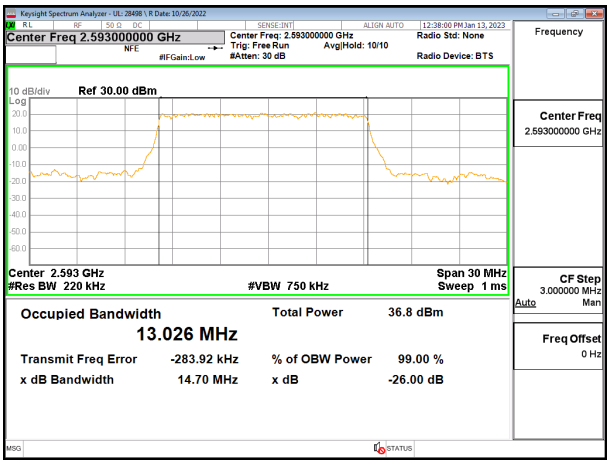


LTE B41 20MHz QPSK Middle Channel RB1-0, ID:25867

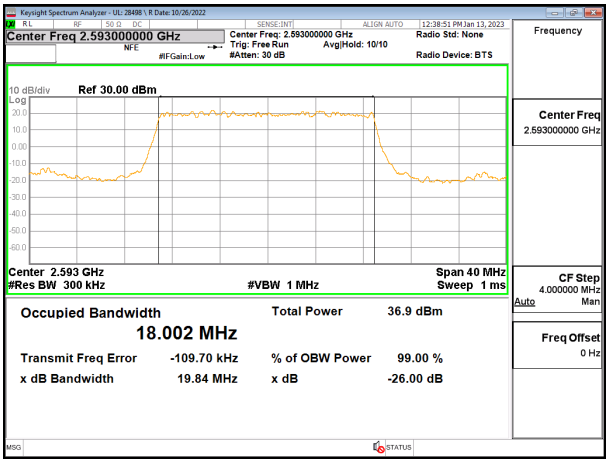
5G NR n41



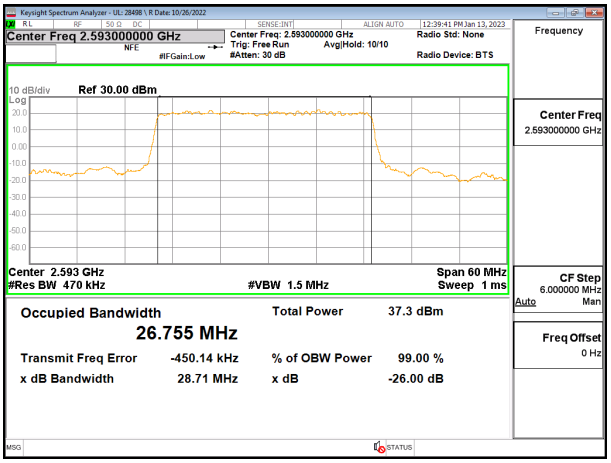
5G NR n41 10MHz BPSK Middle Channel RB24-0



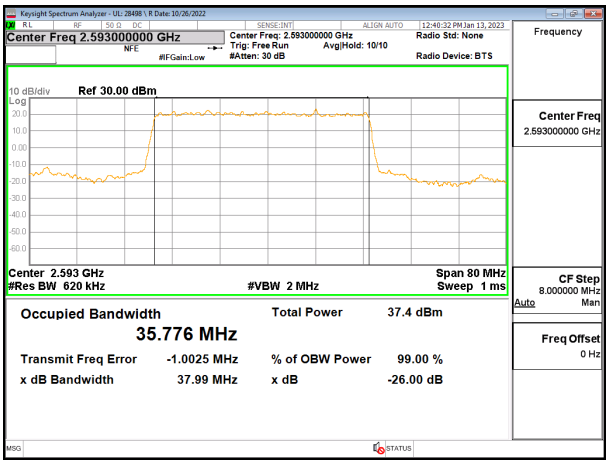
5G NR n41 15MHz BPSK Middle Channel RB36-0



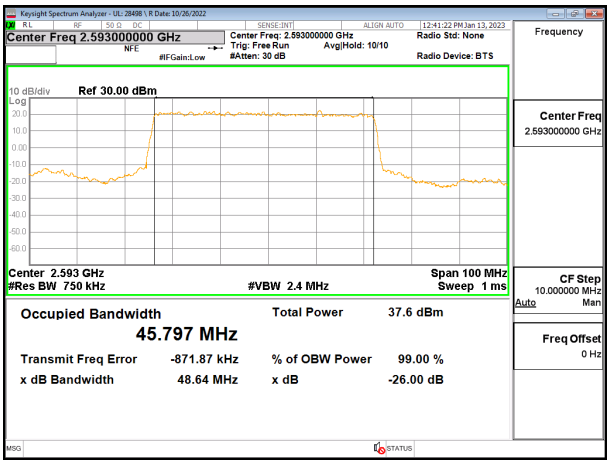
5G NR n41 20MHz BPSK Middle Channel RB50-0



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



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



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