TEST REPORT

Report Number: 14523744-E18V2

Applicant	:	APPLE, INC 1 APPLE PARK WAY CUPERTINO, CA 95014, U.S.A.
Model	:	A3101
Brand	:	APPLE
FCC ID	:	BCG-E8436A
EUT Description	:	SMARTPHONE
Test Standard(s)	:	FCC 47 CFR PART2, 22H, 24E, 27, 90S, 90R, AND 96

Date Of Issue:
2023-07-17

Prepared by:
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ACCREDITED
CERT #0751.05

Revision History

Rev.	Issue Date	Revisions	Revised By
V1	2023-07-17	Initial Review	Mengistu Mekuria
V2	2023-08-15	Updated Section 6, 8, 9, & 10	Binod & Tewodros

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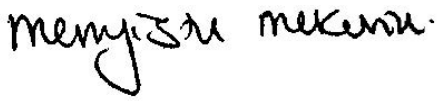
1. ATTESTATION OF TEST RESULTS

Applicant Name and Address	APPLE, INC 1 APPLE PARK WAY CUPERTINO, CA 95014, U.S.A.
Model	A3101
Brand	APPLE
FCC ID	BCG-E8436A
EUT Description	SMARTPHONE
Serial Number	PNYQ97FW23, HFYYJNPY1W, XV07R41DQX (CONDUCTED) AND MKDCGFM9N5, YRVHP7P03H (RADIATED)
Sample Receipt Date	2022-11-01
Date Tested	2022-11-01 to 2023-06-26
Applicable Standards	FCC 47 CFR PART 2, 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.	Tewodros Woldemichael Laboratory Engineer UL Verification Services Inc.	Binod Sitaula Laboratory Engineer Associate UL Verification Services Inc.

2. SUMMARY OF TEST RESULTS

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

1. Antenna gain and type (see section 6.4)

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

Requirement Description	Requirement Clause Number (FCC)	Result*	Remarks
Occupied Bandwidth	2.1049	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, IEEE 802.11a/b/g/n/ac/ax, Bluetooth (BT), Ultra-Wideband (UWB), GPS, NFC, NB UNII, 802.15ab-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)	-0.90

Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (kHz)	Emission Designator
5.0	QPSK	2502.5	2567.5	23.70	22.80	0.191	4505	4M51G7W
	16QAM			23.07	22.17	0.165	4498	4M50D7W
10.0	QPSK	2505.0	2565.0	23.70	22.80	0.191	8980	8M98G7W
	16QAM			23.08	22.18	0.165	8981	8M98D7W
15.0	QPSK	2507.5	2562.5	23.70	22.80	0.191	13474	13M5G7W
	16QAM			23.02	22.12	0.163	13456	13M5D7W
20.0	QPSK	2510.0	2560.0	23.70	22.80	0.191	17931	17M9G7W
	16QAM			23.18	22.28	0.169	17950	18M0D7W

5G NR n7

Part 27	
EIRP Limit (W)	2.00
Antenna Gain (dBi)_Ant(2)	-0.90

Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (kHz)	Emission Designator
5.0	BPSK	2502.5	2567.5	23.70	22.80	0.191	4463	4M46G7W
	QPSK			23.68	22.78	0.190	4498	4M50G7W
	16QAM			23.02	22.12	0.163	4486	4M49D7W
10.0	BPSK	2505.0	2565.0	23.68	22.78	0.190	8947	8M95G7W
	QPSK			23.70	22.80	0.191	8999	9M00G7W
	16QAM			23.00	22.10	0.162	8925	8M93D7W
15.0	BPSK	2507.5	2562.5	23.67	22.77	0.189	13374	13M4G7W
	QPSK			23.70	22.80	0.191	13409	13M4G7W
	16QAM			22.91	22.01	0.159	13406	13M4D7W
20.0	BPSK	2510.0	2560.0	23.56	22.66	0.185	17897	17M9G7W
	QPSK			23.70	22.80	0.191	17943	17M9G7W
	16QAM			23.03	22.13	0.163	17906	17M9D7W
25.0	BPSK	2512.5	2557.5	23.67	22.77	0.189	22870	22M9G7W
	QPSK			23.70	22.80	0.191	22905	22M9G7W
	16QAM			23.07	22.17	0.165	22915	22M9D7W
30.0	BPSK	2515.0	2555.0	23.62	22.72	0.187	28747	28M7G7W
	QPSK			23.70	22.80	0.191	28604	28M6G7W
	16QAM			23.15	22.25	0.168	28629	28M6D7W
35.0	BPSK	2517.5	2552.5	23.42	22.52	0.179	32093	32M1D7W
	QPSK			23.70	22.80	0.191	32125	32M1D7W
	16QAM			22.22	21.32	0.136	32086	32M1D7W
40.0	BPSK	2520.0	2550.0	23.70	22.80	0.191	38593	38M6G7W
	QPSK			23.68	22.78	0.190	38625	38M6G7W
	16QAM			23.08	22.18	0.165	38476	38M5D7W

LTE BAND 12

Part 27	
ERP Limit (W)	3.00
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	699.7	715.3	25.70	17.75	0.060	1092	1M09G7W
	16QAM			25.30	17.35	0.054	1092	1M09D7W
3.0	QPSK	700.5	714.5	25.70	17.75	0.060	2705	2M71G7W
	16QAM			25.35	17.40	0.055	2708	2M71D7W
5.0	QPSK	701.5	713.5	25.70	17.75	0.060	4492	4M49G7W
	16QAM			25.35	17.40	0.055	4490	4M49D7W
10.0	QPSK	704.0	711.0	25.70	17.75	0.060	8942	8M94G7W
	16QAM			25.44	17.49	0.056	8968	8M97D7W

5G NR n12

Part 27	
ERP Limit (W)	3.00
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	701.5	713.5	25.70	17.75	0.060	4465	4M47G7W
	QPSK			25.69	17.74	0.059	4518	4M52G7W
	16QAM			25.24	17.29	0.054	4482	4M48D7W
10.0	BPSK	704.0	711.0	25.70	17.75	0.060	8921	8M92G7W
	QPSK			25.65	17.70	0.059	8945	8M95G7W
	16QAM			25.04	17.09	0.051	8967	8M97D7W
15.0	BPSK	706.5	708.5	25.69	17.74	0.059	13421	13M4G7W
	QPSK			25.70	17.75	0.060	13404	13M4G7W
	16QAM			25.18	17.23	0.053	13465	13M5D7W

LTE BAND 13

Part 27	
ERP Limit (W)	3.00
Antenna Gain (dBi)_(Ant 1)	-4.90

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	779.5	784.5	25.70	18.65	0.073	4495	4M50G7W
	16QAM			25.46	18.41	0.069	4507	4M51D7W
10.0	QPSK	782.0	782.0	25.70	18.65	0.073	8955	8M96G7W
	16QAM			25.36	18.31	0.068	8961	8M96D7W

LTE BAND 14

Part 90R	
ERP Limit (W)	3.00
Antenna Gain (dBi)_(Ant 1)	-4.90

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	790.5	795.5	25.70	18.65	0.073	4502	4M50G7W
	16QAM			25.39	18.34	0.068	4510	4M51D7W
10.0	QPSK	793.0	793.0	25.70	18.65	0.073	8955	8M96G7W
	16QAM			25.33	18.28	0.067	8976	8M98D7W

5G NR n14

Part 90R	
ERP Limit (W)	3.00
Antenna Gain (dBi) (Ant 1)	-4.90

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	790.5	795.5	25.70	18.65	0.073	4494	4M49G7W
	QPSK			25.69	18.64	0.073	4494	4M49G7W
	16QAM			25.16	18.11	0.065	4488	4M49D7W
10.0	BPSK	793.0	793.0	25.66	18.61	0.073	8959	8M96G7W
	QPSK			25.70	18.65	0.073	8965	8M97G7W
	16QAM			25.18	18.13	0.065	8913	8M91D7W

LTE BAND 17

Part 27	
ERP Limit (W)	3.00
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	QPSK	706.5	713.5	25.70	17.75	0.060	4500	4M50G7W
	16QAM			25.37	17.42	0.055	4491	4M49D7W
10.0	QPSK	709.0	711.0	25.70	17.75	0.060	8977	8M98G7W
	16QAM			25.44	17.49	0.056	8967	8M97D7W

LTE BAND 25

Part 24	
EIRP Limit (W)	2.00
Antenna Gain (dBi)_(Ant 3)	-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	1850.7	1914.3	25.50	23.70	0.234	1094	1M09G7W
	16QAM			24.91	23.11	0.205	1099	1M10D7W
3.0	QPSK	1851.5	1913.5	25.50	23.70	0.234	2697	2M70G7W
	16QAM			24.98	23.18	0.208	2705	2M71D7W
5.0	QPSK	1852.5	1912.5	25.50	23.70	0.234	4503	4M50G7W
	16QAM			24.97	23.17	0.207	4505	4M51D7W
10.0	QPSK	1855.0	1910.0	25.50	23.70	0.234	8959	8M96G7W
	16QAM			24.98	23.18	0.208	8989	8M99D7W
15.0	QPSK	1857.5	1907.5	25.50	23.70	0.234	13453	13M5G7W
	16QAM			24.98	23.18	0.208	13415	13M4D7W
20.0	QPSK	1860.0	1905.0	25.50	23.70	0.234	17927	17M9G7W
	16QAM			25.05	23.25	0.211	17909	17M9D7W

5G NR n25

Part 24	
EIRP Limit (W)	2.00
Antenna Gain (dBi)_(Ant 3)	-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	1852.5	1912.5	25.50	23.70	0.234	4495	4M50G7W
	QPSK			25.49	23.69	0.234	4483	4M48G7W
	16QAM			24.87	23.07	0.203	4487	4M49D7W
10.0	BPSK	1855.0	1910.0	25.47	23.67	0.233	8935	8M94G7W
	QPSK			25.50	23.70	0.234	8962	8M96G7W
	16QAM			24.79	22.99	0.199	8980	8M98D7W
15.0	BPSK	1857.5	1907.5	25.43	23.63	0.231	13456	13M5G7W
	QPSK			25.50	23.70	0.234	13410	13M4G7W
	16QAM			24.95	23.15	0.207	13372	13M4D7W
20.0	BPSK	1860.0	1905.0	25.50	23.70	0.234	17859	17M9G7W
	QPSK			25.44	23.64	0.231	17869	17M9G7W
	16QAM			24.85	23.05	0.202	17850	17M9D7W
25.0	BPSK	1862.5	1902.5	25.39	23.59	0.229	22862	22M9G7W
	QPSK			25.50	23.70	0.234	23014	23M0G7W
	16QAM			24.65	22.85	0.193	22892	22M9D7W
30.0	BPSK	1865.0	1900.0	25.36	23.56	0.227	28627	28M6G7W
	QPSK			25.50	23.70	0.234	28596	28M6G7W
	16QAM			24.81	23.01	0.200	28598	28M6D7W
35.0	BPSK	1867.5	1897.5	25.50	23.70	0.234	32136	32M1D7W
	QPSK			25.48	23.68	0.233	32144	32M1D7W
	16QAM			25.01	23.21	0.209	32072	32M1D7W
40.0	BPSK	1870.0	1895.0	25.50	23.70	0.234	38543	38M5G7W
	QPSK			25.48	23.68	0.233	38498	38M5G7W
	16QAM			24.76	22.96	0.198	38552	38M6D7W

LTE BAND 26 (PART 90S)

Part 90S	
Conducted Limit (W)	100.00
Antenna Gain (dBi) (Ant 1)	-5.60

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	0.372	17.95	0.062	1091	1M09G7W
	16QAM			25.28	0.337	17.53	0.057	1093	1M09D7W
3.0	QPSK	815.5	822.5	25.70	0.372	17.95	0.062	2707	2M71G7W
	16QAM			25.30	0.339	17.55	0.057	2704	2M70D7W
5.0	QPSK	816.5	821.5	25.70	0.372	17.95	0.062	4514	4M51G7W
	16QAM			25.40	0.347	17.65	0.058	4507	4M51D7W
10.0	QPSK	819.0	819.0	25.70	0.372	17.95	0.062	8964	8M96G7W
	16QAM			25.33	0.341	17.58	0.057	8946	8M95D7W

5G NR n26 (Part 90S)

Part 90S	
Conducted Limit (W)	7.00
Antenna Gain (dBi) (Ant 1)	-5.60

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	25.64	0.37	17.89	0.062	4481	4M48G7W
	QPSK			25.70	0.37	17.95	0.062	4499	4M50G7W
	16QAM			25.06	0.32	17.31	0.054	4487	4M49D7W
10.0	BPSK	819.0	819.0	25.69	0.37	17.94	0.062	8948	8M95G7W
	QPSK			25.70	0.37	17.95	0.062	9007	9M01G7W
	16QAM			24.92	0.31	17.17	0.052	8958	8M96D7W

LTE BAND 26 (Part 22)

Part 22	
ERP Limit (W)	7.00
Antenna Gain (dBi) Ant(1)	-5.60

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	17.95	0.062	1091	1M09G7W
	16QAM			25.33	17.58	0.057	1090	1M09D7W
3.0	QPSK	825.5	847.5	25.70	17.95	0.062	2705	2M71G7W
	16QAM			25.35	17.60	0.058	2703	2M70D7W
5.0	QPSK	826.5	846.5	25.70	17.95	0.062	4500	4M50G7W
	16QAM			25.31	17.56	0.057	4503	4M50D7W
10.0	QPSK	829.0	844.0	25.70	17.95	0.062	8973	8M97G7W
	16QAM			25.48	17.73	0.059	8982	8M98D7W

5G NR n26 (Part 22)

Part 22	
ERP Limit (W)	7.00
Antenna Gain (dBi)_(Ant 1)	-5.60

Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	ERP Average (dBm)	ERP Average (W)	99% BW (kHz)	Emission Designator
5.0	BPSK	826.5	846.5	25.66	17.91	0.062	4470	4M47G7W
	QPSK			25.70	17.95	0.062	4477	4M48G7W
	16QAM			25.16	17.41	0.055	4472	4M47D7W
10.0	BPSK	829.0	844.0	25.66	17.91	0.062	8935	8M94G7W
	QPSK			25.70	17.95	0.062	8936	8M94G7W
	16QAM			24.96	17.21	0.053	8931	8M93D7W
15.0	BPSK	816.5	841.5	25.69	17.94	0.062	13327	13M3G7W
	QPSK			25.70	17.95	0.062	13414	13M4G7W
	16QAM			25.19	17.44	0.055	13390	13M4D7W
20.0	BPSK	814.0	839.0	25.68	17.93	0.062	17849	17M8G7W
	QPSK			25.70	17.95	0.062	17914	17M9G7W
	16QAM			25.11	17.36	0.054	17924	17M9D7W

LTE BAND 30

Part 27	
EIRP Limit (W)	0.25
Antenna Gain (dBi)_(Ant 3)	-1.60

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	23.40	0.219	4508	4M51G7W
	16QAM			24.49	22.89	0.195	4508	4M51D7W
10.0	QPSK	2310.0	2310.0	25.00	23.40	0.219	8983	8M98G7W
	16QAM			24.31	22.71	0.187	8984	8M98D7W

5G NR n30

Part 27	
EIRP Limit (W)	0.25
Antenna Gain (dBi)_(Ant 3)	-1.60

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	22.90	0.195	4505	4M51G7W
	QPSK			24.01	22.41	0.174	4464	4M46G7W
	16QAM			23.03	21.43	0.139	4511	4M51D7W
10.0	BPSK	2310.0	2310.0	24.50	22.90	0.195	8974	8M97G7W
	QPSK			23.98	22.38	0.173	8956	8M96G7W
	16QAM			22.54	20.94	0.124	8984	8M98D7W

LTE BAND 41

Part 27	
EIRP Limit (W)	2.00
Antenna Gain (dBi)_(Ant 2)	-0.70

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	QPSK	2498.5	2687.5	28.70	28.00	0.631	4495	4M50G7W
	16QAM			28.00	27.30	0.537	4501	4M50D7W
10.0	QPSK	2501.0	2685.0	28.70	28.00	0.631	8992	8M99G7W
	16QAM			28.00	27.30	0.537	8967	8M97D7W
15.0	QPSK	2503.5	2682.5	28.70	28.00	0.631	13454	13M5G7W
	16QAM			28.00	27.30	0.537	13424	13M4D7W
20.0	QPSK	2506.0	2680.0	28.70	28.00	0.631	17932	17M9G7W
	16QAM			27.93	27.23	0.528	17904	17M9D7W

5G NR n41

Part 27	
EIRP Limit (W)	2.00
Antenna Gain (dBi)_(Ant 2)	-0.70

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	28.66	27.96	0.625	8623	8M62G7W
	QPSK			28.70	28.00	0.631	8641	8M64G7W
	16QAM			27.99	27.29	0.536	8630	8M63D7W
15.0	BPSK	2503.5	2682.5	28.70	28.00	0.631	12970	13M0G7W
	QPSK			28.46	27.76	0.597	12910	12M9G7W
	16QAM			28.03	27.33	0.541	12926	12M9D7W
20.0	BPSK	2506.5	2680.0	28.70	28.00	0.631	17906	17M9G7W
	QPSK			28.55	27.85	0.610	17891	17M9G7W
	16QAM			28.14	27.44	0.555	17983	18M0D7W
30.0	BPSK	2511.0	2675.0	28.70	28.00	0.631	26907	26M9G7W
	QPSK			28.52	27.82	0.605	26795	26M8G7W
	16QAM			27.62	26.92	0.492	26837	26M8D7W
40.0	BPSK	2516.0	2670.0	28.67	27.97	0.627	35677	35M7G7W
	QPSK			28.70	28.00	0.631	35818	35M8G7W
	16QAM			28.11	27.41	0.551	35743	35M7D7W
50.0	BPSK	2521.0	2665.0	28.66	27.96	0.625	45819	45M8G7W
	QPSK			28.70	28.00	0.631	45902	45M9G7W
	16QAM			28.06	27.36	0.545	45971	46M0D7W
60.0	BPSK	2526.0	2660.0	28.67	27.97	0.627	57882	57M9G7W
	QPSK			28.70	28.00	0.631	57957	58M0G7W
	16QAM			27.84	27.14	0.518	57945	57M9D7W
70.0	BPSK	2531.0	2655.0	28.70	28.00	0.631	64401	64M4G7W
	QPSK			28.55	27.85	0.610	64731	64M7G7W
	16QAM			28.01	27.31	0.538	64520	64M5D7W
80.0	BPSK	2536.0	2650.0	28.70	28.00	0.631	77068	77M1G7W
	QPSK			28.47	27.77	0.598	77163	77M2G7W
	16QAM			28.00	27.30	0.537	77052	77M1D7W
90.0	BPSK	2541.0	2645.0	28.60	27.90	0.617	86733	86M7G7W
	QPSK			28.70	28.00	0.631	87136	87M1G7W
	16QAM			28.18	27.48	0.560	87027	87M0D7W
100.0	BPSK	2546.0	2640.0	28.70	28.00	0.631	96360	96M4G7W
	QPSK			28.53	27.83	0.607	96512	96M5G7W
	16QAM			27.64	26.94	0.494	96717	96M7D7W

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LOW CHANNEL

Part 96	
EIRP Limit (W)/ 10MHz	0.20
Antenna Gain (dBi)_Ant(8)	-4.00

Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (kHz)	Emission Designator
5.0	QPSK	3552.5	3697.5	25.74	21.74	0.149	4502	4M50G7W
	16QAM			25.51	21.51	0.142	4461	4M46D7W
10.0	QPSK	3555.0	3695.0	25.68	21.68	0.147	8992	8M99G7W
	16QAM			25.45	21.45	0.140	8947	8M95D7W
15.0	QPSK	3557.5	3692.5	25.80	21.80	0.151	13391	13M4G7W
	16QAM			25.41	21.41	0.138	13403	13M4D7W
20.0	QPSK	3560.0	3690.0	25.70	21.70	0.148	17857	17M9G7W
	16QAM			25.56	21.56	0.143	17804	17M8D7W

MIDDLE CHANNEL

Part 96	
EIRP Limit (W)/ 10MHz	0.20
Antenna Gain (dBi)_Ant(8)	-3.40

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	25.73	22.33	0.171	4502	4M50G7W
	16QAM			25.59	22.19	0.166	4461	4M46D7W
10.0	QPSK	3555.0	3695.0	25.73	22.33	0.171	8992	8M99G7W
	16QAM			25.38	21.98	0.158	8947	8M95D7W
15.0	QPSK	3557.5	3692.5	25.58	22.18	0.165	13391	13M4G7W
	16QAM			25.25	21.85	0.153	13403	13M4D7W
20.0	QPSK	3560.0	3690.0	25.77	22.37	0.173	17857	17M9G7W
	16QAM			25.74	22.34	0.171	17804	17M8D7W

HIGH CHANNEL

Part 96	
EIRP Limit (W)/ 10MHz	0.20
Antenna Gain (dBi)_Ant(7)	-3.60

Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (kHz)	Emission Designator
5.0	QPSK	3552.5	3697.5	26.00	22.40	0.174	4502	4M50G7W
	16QAM			25.88	22.28	0.169	4461	4M46D7W
10.0	QPSK	3555.0	3695.0	26.00	22.40	0.174	8992	8M99G7W
	16QAM			25.95	22.35	0.172	8947	8M95D7W
15.0	QPSK	3557.5	3692.5	26.00	22.40	0.174	13391	13M4G7W
	16QAM			25.96	22.36	0.172	13403	13M4D7W
20.0	QPSK	3560.0	3690.0	26.00	22.40	0.174	17857	17M9G7W
	16QAM			25.97	22.37	0.173	17804	17M8D7W

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LOW CHANNEL

Part 96	
EIRP Limit (W)	0.20
Antenna Gain (dBi)_Ant(8)	-4.00

Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (kHz)	Emission Designator
10.0	BPSK	3555.0	3695.0	25.72	21.72	0.149	8616	8M62G7W
	QPSK			25.80	21.80	0.151	8590	8M59G7W
	16QAM			25.06	21.06	0.128	8600	8M60D7W
15.0	BPSK	3557.5	3692.5	25.80	21.80	0.151	12853	12M9D7W
	QPSK			25.74	21.74	0.149	12811	12M8D7W
	16QAM			25.13	21.13	0.130	12855	12M9D7W
20.0	BPSK	3560.0	3690.0	25.80	21.80	0.151	17869	17M9G7W
	QPSK			25.78	21.78	0.151	17842	17M8G7W
	16QAM			25.16	21.16	0.131	17872	17M9D7W
30.0	BPSK	3565.0	3685.0	25.58	21.58	0.144	26804	26M8G7W
	QPSK			25.80	21.80	0.151	26780	26M8G7W
	16QAM			25.19	21.19	0.132	26776	26M8D7W
40.0	BPSK	3570.0	3680.0	25.57	21.57	0.144	35755	35M8G7W
	QPSK			25.80	21.80	0.151	35780	35M8G7W
	16QAM			25.29	21.29	0.135	35644	35M6D7W

MIDDLE CHANNEL

Part 96	
EIRP Limit (W)	0.20
Antenna Gain (dBi)_Ant(8)	-3.40

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	25.80	22.40	0.174	8616	8M62G7W
	QPSK			25.69	22.29	0.169	8590	8M59G7W
	16QAM			25.03	21.63	0.146	8600	8M60D7W
15.0	BPSK	3557.5	3692.5	25.78	22.38	0.173	12853	12M9D7W
	QPSK			25.80	22.40	0.174	12811	12M8D7W
	16QAM			25.02	21.62	0.145	12855	12M9D7W
20.0	BPSK	3560.0	3690.0	25.61	22.21	0.166	17869	17M9G7W
	QPSK			25.80	22.40	0.174	17842	17M8G7W
	16QAM			25.03	21.63	0.146	17872	17M9D7W
30.0	BPSK	3565.0	3685.0	25.80	22.40	0.174	26804	26M8G7W
	QPSK			25.80	22.40	0.174	26780	26M8G7W
	16QAM			24.95	21.55	0.143	26776	26M8D7W
40.0	BPSK	3570.0	3680.0	25.80	22.40	0.174	35755	35M8G7W
	QPSK			25.75	22.35	0.172	35780	35M8G7W
	16QAM			24.87	21.47	0.140	35644	35M6D7W

HIGH CHANNEL

Part 96	
EIRP Limit (W)	0.20
Antenna Gain (dBi)_Ant(7)	-3.60

Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (kHz)	Emission Designator
10.0	BPSK	3555.0	3695.0	25.89	22.29	0.169	8616	8M62G7W
	QPSK			26.00	22.40	0.174	8590	8M59G7W
	16QAM			25.10	21.50	0.141	8600	8M60D7W
15.0	BPSK	3557.5	3692.5	26.00	22.40	0.174	12853	12M9D7W
	QPSK			25.97	22.37	0.173	12811	12M8D7W
	16QAM			24.84	21.24	0.133	12855	12M9D7W
20.0	BPSK	3560.0	3690.0	25.96	22.36	0.172	17869	17M9G7W
	QPSK			26.00	22.40	0.174	17842	17M8G7W
	16QAM			24.96	21.36	0.137	17872	17M9D7W
30.0	BPSK	3565.0	3685.0	26.00	22.40	0.174	26804	26M8G7W
	QPSK			25.97	22.37	0.173	26780	26M8G7W
	16QAM			24.76	21.16	0.131	26776	26M8D7W
40.0	BPSK	3570.0	3680.0	26.00	22.40	0.174	35755	35M8G7W
	QPSK			25.74	22.14	0.164	35780	35M8G7W
	16QAM			24.92	21.32	0.136	35644	35M6D7W

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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	1092	1M09G7W
	16QAM			24.45	22.65	0.184	1094	1M09D7W
3.0	QPSK	1711.5	1778.5	25.20	23.40	0.219	2706	2M71G7W
	16QAM			24.45	22.65	0.184	2705	2M71D7W
5.0	QPSK	1712.5	1777.5	25.20	23.40	0.219	4498	4M50G7W
	16QAM			24.54	22.74	0.188	4506	4M51D7W
10.0	QPSK	1715.0	1775.0	25.20	23.40	0.219	8985	8M99G7W
	16QAM			24.56	22.76	0.189	8972	8M97D7W
15.0	QPSK	1717.5	1772.5	25.20	23.40	0.219	13445	13M4G7W
	16QAM			24.58	22.78	0.190	13456	13M5D7W
20.0	QPSK	1720.0	1770.0	25.20	23.40	0.219	17930	17M9G7W
	16QAM			24.55	22.75	0.188	17926	17M9D7W

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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	25.12	23.32	0.215	4494	4M49G7W
	QPSK			25.20	23.40	0.219	4482	4M48G7W
	16QAM			24.49	22.69	0.186	4498	4M50D7W
10.0	BPSK	1715.0	1775.0	25.19	23.39	0.218	8948	8M95G7W
	QPSK			25.20	23.40	0.219	8925	8M93G7W
	16QAM			24.67	22.87	0.194	8950	8M95D7W
15.0	BPSK	1717.5	1772.5	25.20	23.40	0.219	13459	13M5G7W
	QPSK			25.15	23.35	0.216	13467	13M5G7W
	16QAM			24.51	22.71	0.187	13415	13M4D7W
20.0	BPSK	1720.0	1770.0	25.14	23.34	0.216	17922	17M9G7W
	QPSK			25.20	23.40	0.219	17898	17M9G7W
	16QAM			24.79	22.99	0.199	17843	17M8D7W
25.0	BPSK	1722.5	1767.5	25.04	23.24	0.211	22852	22M9D7W
	QPSK			25.20	23.40	0.219	22843	22M8D7W
	16QAM			24.39	22.59	0.182	22920	22M9D7W
30.0	BPSK	1725.0	1765.0	25.18	23.38	0.218	28647	28M6G7W
	QPSK			25.20	23.40	0.219	28607	28M6G7W
	16QAM			24.56	22.76	0.189	28580	28M6D7W
35.0	BPSK	1727.5	1767.5	25.12	23.32	0.215	32216	32M2D7W
	QPSK			25.20	23.40	0.219	32199	32M2D7W
	16QAM			24.83	23.03	0.201	32170	32M2D7W
40.0	BPSK	1730.0	1760.0	25.20	23.40	0.219	38545	38M5G7W
	QPSK			25.12	23.32	0.215	38696	38M7G7W
	16QAM			24.51	22.71	0.187	38466	38M5D7W

5G NR n70

Part 27	
EIRP Limit (W)	1.00
Antenna Gain (dBi)_(Ant 1)	-1.30

Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (kHz)	Emission Designator
5.0	BPSK	1697.5	1707.5	25.58	24.28	0.268	4495	4M50G7W
	QPSK			25.70	24.40	0.275	4492	4M49G7W
	16QAM			25.22	23.92	0.247	4483	4M48D7W
10.0	BPSK	1700.0	1705.0	25.68	24.38	0.274	8955	8M96G7W
	QPSK			25.70	24.40	0.275	8977	8M98G7W
	16QAM			25.15	23.85	0.243	8932	8M93D7W
15.0	BPSK	1702.5	1702.5	25.70	24.40	0.275	13417	13M4G7W
	QPSK			25.69	24.39	0.275	13372	13M4G7W
	16QAM			24.82	23.52	0.225	13425	13M4D7W

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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	665.5	695.5	25.70	17.65	0.058	4497	4M50G7W
	16QAM			25.51	17.46	0.056	4498	4M50D7W
10.0	QPSK	668.0	693.0	25.70	17.65	0.058	8981	8M98G7W
	16QAM			25.62	17.57	0.057	8979	8M98D7W
15.0	QPSK	670.5	690.5	25.70	17.65	0.058	13440	13M4G7W
	16QAM			25.56	17.51	0.056	13452	13M5D7W
20.0	QPSK	673.0	688.0	25.70	17.65	0.058	17860	17M9G7W
	16QAM			25.56	17.51	0.056	17900	17M9D7W

5G NR n71

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	665.5	695.5	25.70	17.65	0.058	4501	4M50G7W
	QPSK			25.63	17.58	0.057	4498	4M50G7W
	16QAM			24.90	16.85	0.048	4477	4M48D7W
10.0	BPSK	668.0	693.0	25.70	17.65	0.058	8963	8M96G7W
	QPSK			25.56	17.51	0.056	8938	8M94G7W
	16QAM			24.91	16.86	0.049	8948	8M95D7W
15.0	BPSK	670.5	690.5	25.70	17.65	0.058	13431	13M4D7W
	QPSK			25.54	17.49	0.056	13419	13M4D7W
	16QAM			24.85	16.80	0.048	13379	13M4D7W
20.0	BPSK	673.0	688.0	25.70	17.65	0.058	17865	17M9G7W
	QPSK			25.59	17.54	0.057	17851	17M9G7W
	16QAM			25.01	16.96	0.050	17795	17M8D7W

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

Part 27	
EIRP Limit (W)	1.00
Antenna Gain (dBi)_(Ant 9)	-3.50

Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (kHz)	Emission Designator
10.0	BPSK	3455.0	3545.0	28.70	25.20	0.331	8645	8M65G7W
	QPSK			28.67	25.17	0.329	8646	8M65G7W
	16QAM			28.15	24.65	0.292	8682	8M68D7W
15.0	BPSK	3457.5	3542.5	28.70	25.20	0.331	12948	12M9G7W
	QPSK			28.66	25.16	0.328	12917	12M9G7W
	16QAM			28.09	24.59	0.288	12943	12M9D7W
20.0	BPSK	3460.0	3540.0	28.61	25.11	0.324	17854	17M9G7W
	QPSK			28.70	25.20	0.331	17926	17M9G7W
	16QAM			28.15	24.65	0.292	17872	17M9D7W
30.0	BPSK	3465.0	3535.0	28.58	25.08	0.322	26744	26M7G7W
	QPSK			28.70	25.20	0.331	26928	26M9G7W
	16QAM			28.01	24.51	0.282	26947	26M9D7W
40.0	BPSK	3470.0	3530.0	28.63	25.13	0.326	35622	35M6G7W
	QPSK			28.70	25.20	0.331	35865	35M9G7W
	16QAM			28.11	24.61	0.289	35692	35M7D7W
50.0	BPSK	3475.0	3525.0	28.68	25.18	0.330	45504	45M5G7W
	QPSK			28.70	25.20	0.331	45766	45M8G7W
	16QAM			28.27	24.77	0.300	45703	45M7D7W
60.0	BPSK	3480.0	3520.0	28.62	25.12	0.325	57873	57M9G7W
	QPSK			28.70	25.20	0.331	57889	57M9G7W
	16QAM			28.13	24.63	0.290	58035	58M0D7W
70.0	BPSK	3485.0	3515.0	28.70	25.20	0.331	64338	64M3G7W
	QPSK			28.47	24.97	0.314	64411	64M4G7W
	16QAM			27.63	24.13	0.259	64386	64M4D7W
80.0	BPSK	3490.0	3510.0	28.70	25.20	0.331	77045	77M0G7W
	QPSK			28.70	25.20	0.331	77200	77M2G7W
	16QAM			28.02	24.52	0.283	77375	77M4D7W
90.0	BPSK	3495.0	3505.0	28.63	25.13	0.326	86574	86M6G7W
	QPSK			28.70	25.20	0.331	86870	86M9G7W
	16QAM			28.07	24.57	0.286	86858	86M9D7W
100.0	BPSK	3500.0	3500.0	28.70	25.20	0.331	96257	96M3G7W
	QPSK			28.62	25.12	0.325	96556	96M6G7W
	16QAM			28.19	24.69	0.294	96651	96M7D7W

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

Part 27	
EIRP Limit (W)	1.00
Antenna Gain (dBi) (Ant 7)	-5.10

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	28.62	23.52	0.225	8608	8M61G7W
	QPSK			28.70	23.60	0.229	8600	8M60G7W
	16QAM			28.11	23.01	0.200	8656	8M66D7W
15.0	BPSK	3707.5	3972.5	28.70	23.60	0.229	12901	12M9G7W
	QPSK			28.60	23.50	0.224	12791	12M8G7W
	16QAM			27.83	22.73	0.187	12927	12M9D7W
20.0	BPSK	3710.0	3970.0	28.70	23.60	0.229	17795	17M8G7W
	QPSK			28.64	23.54	0.226	17894	17M9G7W
	16QAM			27.88	22.78	0.190	17863	17M9D7W
30.0	BPSK	3715.0	3965.0	28.70	23.60	0.229	26683	26M7G7W
	QPSK			28.67	23.57	0.228	26831	26M8G7W
	16QAM			27.98	22.88	0.194	26878	26M9D7W
40.0	BPSK	3720.0	3960.0	28.66	23.56	0.227	35766	35M8G7W
	QPSK			28.70	23.60	0.229	35793	35M8G7W
	16QAM			28.18	23.08	0.203	35795	35M8D7W
50.0	BPSK	3725.0	3955.0	28.62	23.52	0.225	45542	45M5G7W
	QPSK			28.70	23.60	0.229	45704	45M7G7W
	16QAM			27.92	22.82	0.191	45805	45M8D7W
60.0	BPSK	3730.0	3950.0	28.56	23.46	0.222	58055	58M1G7W
	QPSK			28.70	23.60	0.229	57741	57M7G7W
	16QAM			27.84	22.74	0.188	57842	57M8D7W
70.0	BPSK	3735.0	3945.0	28.63	23.53	0.225	64329	64M3G7W
	QPSK			28.70	23.60	0.229	64284	64M3G7W
	16QAM			28.12	23.02	0.200	64254	64M3D7W
80.0	BPSK	3740.0	3940.0	28.70	23.60	0.229	77107	77M1G7W
	QPSK			28.36	23.26	0.212	77020	77M0G7W
	16QAM			27.74	22.64	0.184	76908	76M9D7W
90.0	BPSK	3745.0	3935.0	28.70	23.60	0.229	86689	86M7G7W
	QPSK			28.37	23.27	0.212	86774	86M8G7W
	16QAM			28.06	22.96	0.198	86836	86M8D7W
100.0	BPSK	3750.0	3930.0	28.70	23.60	0.229	96276	96M3G7W
	QPSK			28.30	23.20	0.209	96409	96M4G7W
	16QAM			27.65	22.55	0.180	96308	96M3D7W

6.3. SOFTWARE AND FIRMWARE

The EUT firmware installed during testing was version 0.13.02.

6.4. MAXIMUM ANTENNA GAIN

The antenna(s) gain, 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	-2.9	-2.8	-1.8	-2.0			
LTE Band 4	1710 – 1755	-3.2	-3.3	-3.0	-1.3			
LTE Band 5, 5G NR n5	824 – 849	-5.6	-5.4	-7.8				
LTE Band 7, 5G NR n7	2500 – 2570	-4.3	-0.9	-3.3	-3.0			
LTE Band 12, 5G NR n12	699 – 716	-5.8	-6.9	-8.2				
LTE Band 13	777 – 787	-4.9	-5.8	-8.3				
LTE Band 14, 5G NR n14	788 – 798	-4.9	-5.8	-8.3				
LTE Band 17	704 – 716	-5.8	-6.9	-8.2				
LTE Band 25, 5G NR n25	1850 – 1915	-2.9	-2.8	-1.8	-2.0			
LTE Band 26, 5G NR 26	814 – 849	-5.6	-5.4	-7.8				
LTE Band 30, 5G NR n30	2305 – 2315	-7.7	-3.7	-1.6	-4.6			
LTE Band 41, 5G NR n41	2496 – 2690	-5.2	-0.7	-3.8	-3.5			
LTE Band 48, 5G NR n48 (Low)	3550 – 3600				-4.5	-4.4	-4.0	-4.5
LTE Band 48, 5G NR n48 (Mid)	3600 – 3650				-2.7	-3.6	-3.4	-3.4
LTE Band 48, 5G NR n48 (High)	3650 – 3700				-2.8	-3.6	-4.1	-3.8
LTE Band 66, 5G NR n66	1710 – 1780	-2.8	-4.4	-2.9	-1.8			
5G NR n70	1695 – 1710	-1.3	-3.4	-2.8	-1.7			
LTE Band 71, 5G NR n71	663 – 698	-5.9	-7.3	-9.4				
5G NR n77	3450 – 3550				-5.6	-6.2	-2.7	-3.5
5G NR n77	3700 – 3980				-3.4	-5.1	-5.3	-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.

FCC rule Part 22.905 (824-849MHz) of LTE Band 5 and 5G NR n5 are covered by LTE Band 26 and 5G NR n26 of same rule since they have the same output power and supported bandwidths.

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

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

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

The worst-case scenario for all measurements is based on an engineering evaluation made on different modulations. Then, QPSK and BPSK were observed as the worst mode to LTE bands and 5G NR bands respectively and set for all conducted and radiated. Output power measurements were measured on BPSK, QPSK, 16QAM, 64QAM, and 256QAM modulations. For testing purposes emissions on sections 8 and 9 were measured while QPSK/BPSK was set at or above target power for all bands. Conducted tests were performed on the worst case antenna port because it has the highest conducted power. The worst case antenna port is shown in the table below.

LTE and 5G NR Bands	Worst case Antenna Port for Conducted Power
LTE BAND 7 and 5G NR n7	Ant 1
LTE BAND 12 and 5G NR n12	
LTE BAND 13	
LTE BAND 14 and 5G NR n14	
LTE Band 17	
LTE BAND 25 and 5G NR n25	
LTE BAND 26 and 5G NR n26	
LTE BAND 30 and 5G NR n30	
LTE BAND 41 and 5G NR n41	
LTE BAND 66 and 5G NR n66	
5G NR n70	
LTE BAND 71 and 5G NR n71	
5G NR n77	Ant 7
LTE BAND 48	Ant 8

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

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

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

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

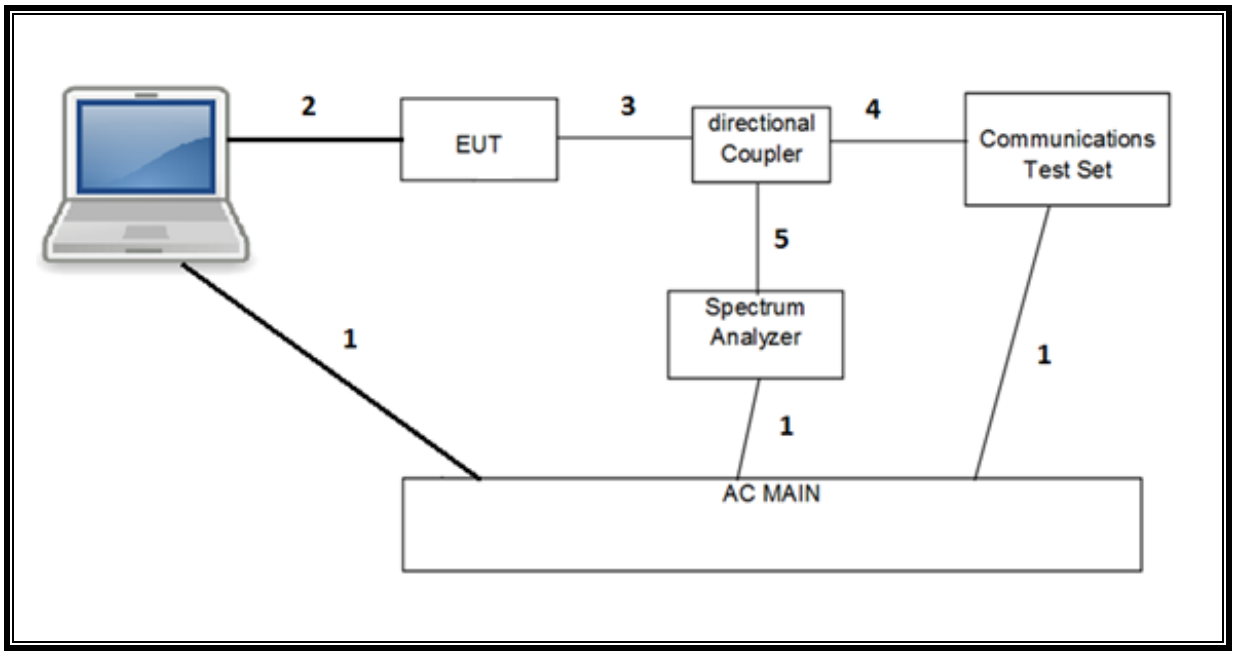
6.6. DESCRIPTION OF TEST SETUP

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

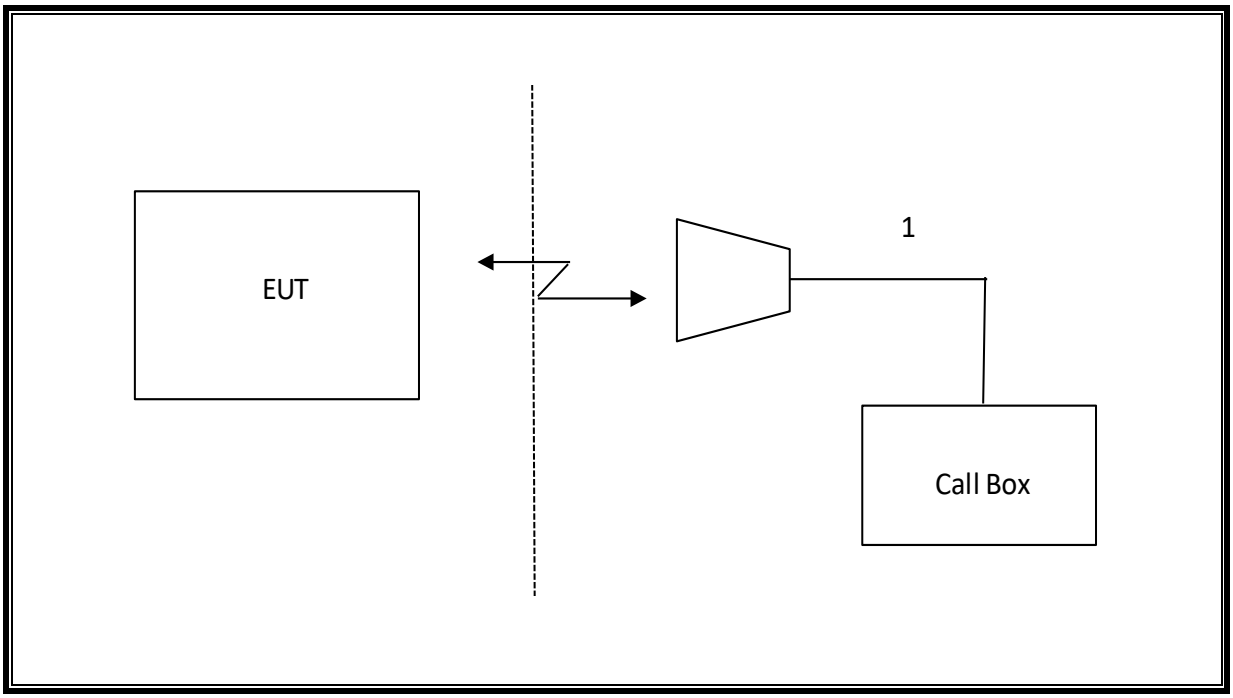
I/O CABLES (RF CONDUCTED TEST)						
Cable No.	**Port**	**# of Identical Ports**	**Connector Type**	**Cable Type**	**Cable Length (m)**	**Remarks**
1	AC	3	US 115V	Un-shielded	2.0	N/A
2	USB	1	DC	Un-shielded	1.0	N/A
3	RF In/Out	1	EUT	Un-shielded	0.6	N/A
4	RF In/Out	1	Communication Test Set	Un-shielded	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	06/08/2023
Antenna, Broadband Hybrid, 30MHz to 2000MHz	Sunol Sciences	JB3	85151	04/30/2024
Spectrum Analyzer, PXA, 3Hz to 44GHz	Keysight	N9030A	85313	02/29/2024
Spectrum Analyzer, PXA	Keysight	N9030B	222074	07/16/2023
Spectrum Analyzer, PXA, 3Hz to 44GHz	Keysight	N9030A	85201	02/29/2024
Spectrum Analyzer, PXA	Keysight	N9030B	85214	07/18/2023
Spectrum Analyzer, PXA	Keysight	N9030B	222073	07/22/2023
PXA Signal Analyzer	Keysight	N9030B	222073	07/22/2023
EMI TEST RECEIVER	Rohde & Schwarz	ESW44	230548	02/29/2024
EMI TEST RECEIVER	Rohde & Schwarz	ESW44	201498	02/29/2024
Directional Coupler	KRYTAR	152610	198816	09/23/2023
Directional Coupler	KRYTAR	152610	198817	09/23/2023
Directional Coupler	KRYTAR	152610	135712	09/23/2023
Power Meter, P-series single channel	Keysight	N1912A	90630	01/24/2024
Power Meter, P-series single channel	Keysight	N1912A	90719	01/31/2024
Power Meter, P-series single channel	Agilent	N1911A	82174	01/31/2024
Power Sensor, P– series, 50MHz to 18GHz, Wideband	Keysight	N1921A	90389	01/31/2024
Filter, BRF 2495 – 2690 MHz	Micro-Tronics	155050	155055	12/28/2023
Filter, BRF 3.4 – 3.8GHz	Micro-Tronics	208398	208398	08/19/2023
Wideband Communication Test Set, Call Box	Rohde & Schwarz	CMW500	222792	02/29/2024
Wideband Communication Test Set, Call Box	Rohde & Schwarz	CMW500	230298	02/29/2024
Wideband Communication Test Set, Call Box	Rohde & Schwarz	CMW500	230295	02/29/2024
Wideband Communication Test Set, Call Box	Rohde & Schwarz	CMW500	22796	02/29/2024
Wideband Communication Test Set, Call Box	Rohde & Schwarz	CMW500	230297	02/29/2024
*5G NR Communication Test Set, Call Box	Keysight	UXM	207269	01/31/2024
*5G NR Communication Test Set, Call Box	Keysight	UXM	199836	01/31/2024
*Chamber, Environmental	Cincinnati Sub Zero	ZPHS-8-3.5-SCT/WC	82472	11/16/2023
*Amplifier, 218GHz to 26.5GHz	Amplical	AMP18G26.5-60	215705	02/26/2023
*Amplifier, 26.5GHz to 40GHz	Amplical	AMP26G40-65	172346	02/29/20224
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	N/A
10dB Fixed Attenuator	Pasternack Enterprises	PE7087-10	236285	N/A
10dB Fixed Attenuator	Pasternack Enterprises	PE7087-10	236355	N/A
UL AUTOMATION SOFTWARE				
CLT Software	UL	UL RF	Ver 3.4, May 20, 2022	
Power Measurement Software	UL	UL RF	Ver 3.1.4, April 29, 2022	
Radiated test software	UL	UL RF	Ver 9.5, Jan 21, 2022	

NOTES:

1. * Testing is completed before equipment expiration date.

8. RF OUTPUT POWER VERIFICATION

CONDUCTED OUTPUT POWER MEASUREMENT PROCEDURE

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

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

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

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

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

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

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

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

RESULTS

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

8.1. LTE BAND 7 AND 5G NR n7

LTE BAND 7

Test Engineer ID:	25602	Test Date:	11/7/2022

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	25.63	25.58	25.58	23.53	23.60	23.62	24.86	24.94	24.90	22.40	22.59	22.44
		1	12	**25.70**	25.69	25.69	23.62	23.67	**23.70**	24.95	24.99	**25.00**	22.61	**22.70**	22.54
		1	24	25.63	25.56	25.53	23.53	23.53	23.57	24.88	24.87	24.86	22.61	22.57	22.47
		12	0	24.93	24.89	24.88	22.52	22.56	22.58	23.89	23.89	23.78	21.56	21.64	21.49
		12	6	24.97	24.91	24.90	22.58	22.62	22.63	23.92	23.93	23.81	21.64	21.68	21.53
		12	11	24.93	24.89	24.88	22.54	22.58	22.62	23.94	23.88	23.87	21.68	21.64	21.51
		25	0	24.94	24.88	24.86	22.55	22.58	22.61	23.94	23.88	23.77	21.72	21.66	21.55
	16QAM	1	0	25.28	25.24	25.19	22.88	22.89	22.96	24.24	24.21	24.17	22.10	22.07	21.98
		1	12	**25.40**	25.36	25.31	22.95	23.03	**23.07**	24.27	**24.36**	24.31	**22.36**	22.21	22.07
		1	24	25.33	25.20	25.17	22.92	22.87	22.93	24.25	24.21	24.15	22.33	22.06	21.94
		12	0	23.96	23.90	23.87	21.61	21.70	21.70	22.85	22.95	22.81	21.01	20.78	20.77
		12	6	24.01	23.97	23.92	21.67	21.74	21.72	22.91	22.98	22.82	21.09	20.84	20.80
		12	11	23.98	23.93	23.88	21.62	21.72	21.71	22.89	22.97	22.91	21.08	20.79	20.78
		25	0	23.93	23.91	23.88	21.58	21.58	21.65	22.94	22.88	22.78	20.94	20.74	20.69
	64QAM	1	0	24.01	24.09	23.98	21.58	21.71	21.76	22.94	**23.05**	23.00	20.63	20.81	20.77
		1	12	24.02	**24.11**	24.00	21.62	21.74	**21.79**	22.92	**23.05**	23.01	20.91	20.85	20.78
		1	24	24.00	24.03	23.95	21.60	21.73	21.72	23.02	22.92	22.98	**21.05**	20.81	20.67
		12	0	22.94	22.91	22.86	20.51	20.60	20.63	21.93	21.90	21.79	19.85	19.67	19.59
		12	6	22.97	22.95	22.91	20.57	20.64	20.67	21.95	21.95	21.82	19.92	19.69	19.61
		12	11	22.94	22.91	22.87	20.55	20.64	20.64	21.98	21.92	21.86	19.91	19.67	19.57
		25	0	22.94	22.91	22.85	20.55	20.58	20.63	21.97	21.90	21.79	19.87	19.63	19.58
	256QAM	1	0	**21.03**	21.01	20.91	18.55	18.70	18.64	19.98	20.08	19.92	17.95	17.66	17.68
		1	12	**21.03**	21.02	20.99	18.61	18.70	**18.73**	19.99	**20.12**	20.03	**18.01**	17.69	17.77
		1	24	21.02	20.88	20.84	18.58	18.60	18.64	20.07	19.95	19.96	17.97	17.55	17.59
		12	0	20.94	20.89	20.86	18.49	18.62	18.62	19.92	19.91	19.75	17.78	17.61	17.54
		12	6	20.96	20.92	20.88	18.54	18.63	18.65	19.95	19.92	19.81	17.84	17.64	17.55
		12	11	20.95	20.90	20.86	18.50	18.60	18.62	19.95	19.87	19.87	17.81	17.63	17.51
		25	0	20.93	20.87	20.84	18.51	18.60	18.59	19.91	19.88	19.77	17.81	17.58	17.51

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**	25.65	25.68	23.52	23.64	**23.70**	24.85	24.90	24.84	22.54	22.44	22.26
		1	24	**25.70**	25.64	25.65	23.53	23.63	23.66	24.79	24.81	24.82	22.66	22.47	22.30
		1	49	25.65	25.61	25.63	23.52	23.58	23.62	**25.00**	24.83	24.79	**22.70**	22.43	22.26
		25	0	25.01	24.97	24.96	22.56	22.62	22.67	23.89	23.86	23.75	21.71	21.49	21.38
		25	12	25.01	24.98	24.99	22.51	22.66	22.70	23.87	23.85	23.82	21.73	21.54	21.40
		25	24	24.90	24.97	24.96	22.51	22.56	22.67	23.90	23.81	23.82	21.77	21.53	21.41
		50	0	24.91	24.96	24.98	22.51	22.63	22.67	23.86	23.83	23.81	21.75	21.54	21.42
	16QAM	1	0	**25.20**	25.13	25.14	22.91	22.97	23.07	24.18	24.29	24.14	21.54	**22.00**	21.97
		1	24	25.17	25.15	25.09	22.86	22.95	23.02	24.05	24.11	24.05	21.86	21.94	21.89
		1	49	25.10	25.10	25.02	22.91	**23.08**	23.07	**24.32**	24.20	24.12	21.73	21.97	21.89
		25	0	24.01	23.97	23.98	21.61	21.64	21.72	22.90	22.87	22.75	20.94	20.67	20.57
		25	12	24.04	24.00	23.99	21.55	21.68	21.72	22.87	22.86	22.82	20.92	20.65	20.59
		25	24	23.94	23.97	23.97	21.54	21.59	21.72	22.93	22.83	22.81	20.93	20.67	20.55
		50	0	23.94	23.96	23.96	21.52	21.65	21.68	22.88	22.82	22.81	20.91	20.61	20.56
	64QAM	1	0	24.15	24.11	**25.15**	21.74	21.89	21.93	23.10	23.03	23.02	19.93	20.55	20.60
		1	24	24.15	24.16	25.13	21.73	21.91	**21.94**	23.10	23.06	23.01	20.49	20.55	**20.62**
		1	49	24.10	24.10	25.11	21.72	21.85	21.89	**23.28**	23.05	22.98	20.42	20.52	20.51
		25	0	23.04	22.98	23.99	20.57	20.66	20.69	21.89	21.85	21.75	19.81	19.48	19.47
		25	12	23.02	22.98	24.00	20.53	20.67	20.71	21.86	21.85	21.83	19.79	19.53	19.49
		25	24	22.91	22.98	23.98	20.52	20.58	20.68	21.89	21.81	21.82	19.79	19.51	19.45
		50	0	22.92	22.96	23.94	20.50	20.65	20.68	21.86	21.82	21.82	19.75	19.51	19.46
	256QAM	1	0	21.08	21.02	21.07	18.59	18.65	18.78	19.87	19.92	19.80	17.77	17.59	17.55
		1	24	**21.14**	21.05	21.09	18.70	18.76	**18.84**	20.00	19.94	19.92	**17.92**	17.66	17.58
		1	49	21.00	20.94	20.97	18.57	18.65	18.74	**20.06**	19.87	19.86	17.84	17.52	17.42
		25	0	20.96	20.95	20.93	18.56	18.63	18.66	19.87	19.83	19.71	17.71	17.46	17.44
		25	12	20.99	20.97	20.96	18.53	18.66	18.69	19.83	19.84	19.81	17.71	17.47	17.46
		25	24	20.92	20.95	20.95	18.51	18.59	18.69	19.92	19.79	19.81	17.70	17.44	17.42
		50	0	20.91	20.94	20.94	18.48	18.63	18.65	19.84	19.80	19.80	17.65	17.43	17.41

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	25.69	25.64	25.65	23.57	23.61	**23.70**	24.87	24.85	24.81	22.43	22.37	22.17
		1	37	**25.70**	25.65	25.63	23.59	23.66	23.68	**25.00**	24.83	24.79	22.67	22.42	22.27
		1	74	25.60	25.58	25.60	23.54	23.56	23.60	24.92	24.75	24.76	**22.70**	22.40	22.22
		36	0	25.04	25.00	25.01	22.63	22.69	22.72	23.92	23.89	23.78	21.81	21.54	21.44
		36	16	24.97	25.01	25.01	22.66	22.71	22.77	24.04	23.88	23.78	21.85	21.58	21.48
		36	35	24.94	24.98	24.98	22.57	22.63	22.67	24.00	23.84	23.82	21.81	21.52	21.39
		75	0	24.94	24.98	24.98	22.54	22.72	22.74	23.94	23.87	23.78	21.83	21.61	21.51
	16QAM	1	0	25.29	**25.34**	25.25	22.83	22.97	23.00	24.09	24.13	24.08	21.68	**22.04**	21.82
		1	37	25.29	25.28	25.30	22.91	22.99	**23.02**	**24.31**	24.14	24.18	21.86	21.93	21.82
		1	74	25.21	25.20	25.24	22.81	22.97	22.93	24.16	24.08	24.09	21.85	21.81	21.73
		36	0	24.05	24.01	24.02	21.67	21.72	21.77	22.95	22.91	22.80	21.00	20.69	20.64
		36	16	23.99	24.03	24.03	21.68	21.73	21.79	23.05	22.89	22.80	21.06	20.66	20.65
		36	35	23.96	24.00	24.00	21.59	21.64	21.71	23.01	22.86	22.84	20.96	20.55	20.52
		75	0	23.99	24.02	24.00	21.58	21.73	21.77	22.96	22.87	22.79	20.96	20.63	20.61
	64QAM	1	0	24.17	**24.23**	24.05	21.77	21.83	21.89	23.01	23.14	23.07	19.99	**20.73**	20.67
		1	37	24.17	24.19	24.09	21.79	21.87	**21.90**	**23.15**	23.05	23.04	20.56	20.72	20.61
		1	74	24.11	24.14	24.03	21.72	21.82	21.84	23.13	23.02	23.03	20.32	20.69	20.55
		36	0	23.02	23.01	23.01	20.58	20.69	20.72	21.93	21.87	21.76	19.79	19.45	19.46
		36	16	22.95	23.01	23.02	20.61	20.74	20.76	22.04	21.88	21.77	19.85	19.48	19.47
		36	35	22.93	23.01	22.98	20.53	20.65	20.66	22.01	21.83	21.83	19.75	19.38	19.33
		75	0	22.96	23.04	23.00	20.55	20.74	20.73	21.95	21.87	21.76	19.73	19.47	19.42
	256QAM	1	0	21.10	21.02	**21.22**	18.69	18.75	**18.87**	20.03	19.99	19.95	17.75	17.51	17.55
		1	37	21.10	21.07	21.20	18.77	18.77	18.75	20.11	19.90	19.94	17.81	17.51	17.51
		1	74	21.06	21.01	21.03	18.76	18.75	**18.87**	**20.14**	19.91	20.03	**17.88**	17.42	17.42
		36	0	21.03	20.99	20.99	18.62	18.71	18.75	19.94	19.87	19.79	17.65	17.39	17.36
		36	16	20.93	21.01	20.99	18.62	18.73	18.73	20.02	19.85	19.76	17.69	17.38	17.34
		36	35	20.94	21.00	20.98	18.56	18.66	18.68	20.00	19.85	19.84	17.64	17.30	17.23
		75	0	20.97	20.98	20.98	18.56	18.71	18.78	19.94	19.85	19.78	17.56	17.36	17.32

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	25.69	25.65	**25.70**	23.56	23.65	**23.70**	24.84	24.91	24.85	22.45	22.66	22.46
		1	49	25.66	25.68	25.67	23.57	23.64	23.69	**25.00**	24.84	24.85	22.63	22.60	22.52
		1	99	25.63	25.63	25.64	23.59	23.65	23.67	24.94	24.83	24.81	**22.70**	22.60	22.50
		50	0	25.03	25.05	25.06	22.65	22.74	22.78	23.97	23.95	23.86	21.80	21.72	21.69
		50	24	25.04	25.08	25.09	22.70	22.77	22.81	24.07	23.94	23.92	21.81	21.75	21.70
		50	49	24.94	24.99	24.94	22.59	22.68	22.70	23.97	23.88	23.87	21.86	21.65	21.59
		100	0	25.03	25.03	25.07	22.67	22.75	22.78	23.94	23.91	23.90	21.85	21.76	21.71
	16QAM	1	0	25.24	25.25	25.23	22.87	22.92	22.95	24.07	24.13	24.07	21.63	22.09	21.99
		1	49	**25.38**	25.36	**25.38**	23.00	23.13	**23.18**	**24.37**	24.18	24.30	21.68	22.11	22.14
		1	99	25.19	25.25	25.27	22.86	22.89	22.90	24.20	24.07	24.08	**22.23**	21.94	21.90
		50	0	24.05	24.05	24.08	21.67	21.76	21.80	22.99	22.97	22.84	21.05	20.79	20.75
		50	24	24.05	24.08	24.09	21.71	21.78	21.82	23.08	22.96	22.92	21.01	20.79	20.72
		50	49	23.94	23.98	23.97	21.61	21.69	21.71	22.99	22.92	22.87	20.98	20.68	20.59
		100	0	24.04	24.06	24.06	21.66	21.75	21.79	22.98	22.94	22.90	20.96	20.76	20.68
	64QAM	1	0	24.18	24.09	24.23	21.77	21.84	21.92	23.04	23.04	23.04	20.80	20.79	20.65
		1	49	24.22	24.22	**24.29**	21.95	21.90	**21.99**	**23.35**	23.08	23.16	**21.00**	20.91	20.68
		1	99	24.09	24.02	24.14	21.75	21.79	21.87	23.16	22.98	22.99	20.89	20.65	20.52
		50	0	23.04	23.00	23.05	20.65	20.71	20.75	21.97	21.93	21.82	19.83	19.60	19.51
		50	24	23.05	23.02	23.07	20.69	20.75	20.76	22.05	21.94	21.89	19.81	19.61	19.51
		50	49	22.94	22.93	22.94	20.59	20.64	20.70	21.99	21.87	21.86	19.81	19.52	19.37
		100	0	23.03	23.04	23.05	20.69	20.73	20.78	21.95	21.92	21.89	19.78	19.61	19.48
	256QAM	1	0	21.10	21.07	**21.21**	18.74	18.78	**18.90**	20.04	20.10	19.98	17.80	17.77	17.56
		1	49	21.12	21.07	21.14	18.73	18.81	18.83	**20.20**	20.00	19.96	**17.92**	17.65	17.52
		1	99	21.06	21.10	21.09	18.74	18.82	18.85	20.17	20.08	20.02	17.82	17.60	17.46
		50	0	21.01	21.00	21.03	18.65	18.71	18.75	19.95	19.92	19.83	17.65	17.52	17.42
		50	24	21.03	21.02	21.04	18.68	18.73	18.79	20.06	19.91	19.90	17.64	17.53	17.41
		50	49	20.93	20.93	20.95	18.59	18.67	18.71	19.98	19.88	19.88	17.63	17.43	17.31
		100	0	21.00	21.00	21.03	18.67	18.73	18.76	19.95	19.90	19.88	17.57	17.48	17.39

5G NR n7

Test Engineer ID:	50822	Test Date:	11/7/2022

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	25.47	25.39	25.33	23.14	23.39	23.39	24.37	24.70	24.67	22.30	22.43	22.42
		1	1	25.61	25.64	25.60	23.39	**23.70**	23.53	24.50	24.83	24.89	22.52	22.67	22.60
		1	23	25.65	**25.70**	25.69	23.47	23.66	23.68	24.72	24.89	**24.91**	22.60	22.67	22.69
		1	24	25.50	25.44	25.41	23.21	23.47	23.45	24.42	24.65	24.63	22.33	22.46	22.42
		12	6	25.67	25.65	25.60	23.52	23.63	23.65	24.60	24.85	24.83	22.59	22.64	**22.70**
		25	0	25.43	25.39	25.35	23.11	23.31	23.34	24.26	24.58	24.59	22.27	22.39	22.37
	QPSK	1	0	25.01	24.90	24.84	22.65	22.83	22.88	23.83	24.11	24.08	21.78	21.94	21.87
		1	1	25.62	25.53	25.48	23.35	23.54	23.63	24.54	24.87	24.95	22.57	**22.70**	22.67
		1	23	25.67	25.55	25.48	23.40	23.65	**23.68**	24.69	24.96	**25.00**	22.60	22.68	22.63
		1	24	25.05	24.94	24.86	22.72	22.92	22.96	24.00	24.21	24.12	21.86	21.98	21.95
		12	6	**25.70**	25.60	25.57	23.36	23.66	23.64	24.60	24.86	24.94	22.44	22.57	22.69
		25	0	25.02	24.93	24.87	22.71	22.95	22.92	23.84	24.16	24.14	21.81	21.94	21.84
	16QAM	1	0	23.87	23.93	23.69	21.53	21.66	21.84	22.91	23.21	23.34	20.77	21.21	21.24
		1	1	24.80	24.81	24.63	22.53	22.78	22.87	23.99	24.15	24.41	21.84	22.22	22.26
		1	23	24.86	24.83	24.67	22.75	22.82	22.88	23.99	24.28	**24.42**	21.95	22.28	**22.31**
		1	24	23.87	23.94	23.75	21.62	21.86	21.94	22.96	23.24	23.35	20.91	21.20	21.21
		12	6	**24.98**	24.90	24.81	22.69	**23.02**	22.90	23.87	24.15	24.19	21.77	21.94	21.95
		25	0	24.08	23.99	23.93	21.66	21.96	21.83	22.95	23.16	23.17	20.72	20.98	20.97
	64QAM	1	0	23.42	23.35	23.45	21.12	21.30	21.08	22.31	22.32	22.67	20.12	20.20	20.16
		1	1	23.44	23.37	23.47	21.19	21.23	21.05	22.35	22.19	22.73	20.19	20.18	20.21
		1	23	23.50	23.42	23.47	21.24	21.19	21.24	22.41	22.26	22.76	20.29	20.29	20.26
		1	24	23.46	23.40	23.47	21.21	21.24	21.21	22.38	22.45	**22.78**	20.27	20.25	20.14
		12	6	23.53	23.54	23.45	21.22	21.39	21.42	22.40	22.55	22.70	20.36	20.48	20.46
		25	0	23.54	**23.56**	23.50	21.21	21.44	**21.46**	22.46	22.67	22.71	20.37	**20.51**	20.40
	256QAM	1	0	21.42	21.39	21.14	19.17	19.14	19.18	20.41	20.55	20.67	18.12	18.46	18.45
		1	1	21.47	21.35	21.18	19.18	19.10	19.16	20.35	20.56	20.76	18.14	18.57	18.53
		1	23	**21.57**	21.44	21.27	19.22	19.03	19.24	20.54	20.65	20.79	18.27	18.61	18.59
		1	24	21.50	21.40	21.27	19.15	19.24	19.22	20.49	20.57	**20.82**	18.22	18.55	**18.67**
		12	6	21.50	21.39	21.37	19.13	**19.28**	19.14	20.23	20.52	20.57	18.03	18.28	18.33
		25	0	21.51	21.43	21.45	19.16	**19.28**	19.22	20.23	20.53	20.56	18.19	18.34	18.39

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	25.42	25.30	23.20	23.41	23.43	24.39	24.72	24.72	22.22	22.37	22.30
		1	1	25.65	25.62	25.54	23.44	23.60	**23.68**	24.63	24.92	24.78	22.38	22.59	22.50
		1	50	**25.70**	25.58	25.58	23.47	**23.68**	23.62	24.90	**25.00**	24.89	22.57	**22.67**	22.56
		1	51	25.48	25.37	25.36	23.30	23.47	23.44	24.68	24.70	24.64	22.35	22.47	22.44
		25	12	25.57	25.52	25.46	23.40	23.56	23.58	24.64	24.78	24.76	22.44	22.56	22.57
		50	0	25.42	25.37	25.31	23.32	23.39	23.42	24.43	24.71	24.65	22.29	22.39	22.42
	QPSK	1	0	24.81	24.70	24.77	22.66	22.85	22.92	23.76	24.17	24.19	21.66	21.71	21.95
		1	1	25.51	25.30	25.35	23.48	23.57	23.59	24.57	24.89	**24.96**	22.44	22.58	**22.70**
		1	50	25.53	25.33	25.35	23.53	23.66	**23.70**	24.83	24.94	**24.96**	22.62	22.53	22.65
		1	51	24.87	24.73	24.83	22.79	22.99	22.97	24.09	24.24	24.18	21.85	21.83	21.97
		25	12	**25.58**	25.56	25.45	23.42	23.62	23.65	24.60	24.87	24.88	22.49	22.60	22.50
		50	0	24.94	24.91	24.83	22.81	22.89	22.91	23.90	24.17	24.11	21.83	21.89	21.81
	16QAM	1	0	23.75	24.00	23.93	21.80	21.73	21.70	22.69	23.40	23.48	20.69	21.03	20.98
		1	1	24.73	24.91	24.85	22.83	22.81	22.61	23.75	24.41	**24.44**	21.55	22.16	22.09
		1	50	24.78	**24.97**	24.91	22.96	**23.00**	22.68	24.10	24.27	24.39	21.74	**22.20**	22.15
		1	51	23.91	24.01	23.99	22.07	21.89	21.74	23.05	23.38	23.41	20.93	21.19	21.04
		25	12	24.94	24.86	24.87	22.71	22.81	22.86	23.85	24.13	24.17	21.73	21.78	21.91
		50	0	23.97	23.90	23.87	21.67	21.83	21.83	22.96	23.14	23.12	20.70	20.87	20.81
	64QAM	1	0	23.35	23.44	23.25	21.02	21.37	21.13	22.34	22.42	22.69	19.91	20.26	19.97
		1	1	23.41	23.41	23.24	20.85	21.29	21.31	22.39	22.36	**22.77**	19.88	20.34	19.91
		1	50	23.49	23.42	23.27	21.01	21.40	21.31	22.69	22.52	22.73	20.10	20.40	20.00
		1	51	23.49	23.48	23.27	21.00	21.36	21.28	22.60	22.40	22.76	20.06	20.27	19.94
		25	12	23.56	23.54	23.40	21.21	21.37	21.42	22.45	22.65	22.74	20.30	**20.42**	20.36
		50	0	23.56	**23.58**	23.45	21.24	**21.44**	21.38	22.50	22.70	22.76	20.33	20.41	20.34
	256QAM	1	0	21.62	21.36	21.30	18.99	19.14	19.00	19.92	20.59	20.45	17.68	18.19	18.08
		1	1	21.63	21.37	21.42	18.89	19.19	19.10	19.96	20.61	20.48	17.82	18.30	18.12
		1	50	**21.64**	21.44	21.40	19.08	19.20	19.05	20.16	**20.70**	20.48	17.94	18.29	17.88
		1	51	**21.64**	21.43	21.40	18.90	19.19	19.12	20.19	20.58	20.53	18.05	18.30	18.16
		25	12	21.43	21.45	21.41	19.18	19.29	19.31	20.29	20.64	20.61	18.12	18.31	18.33
		50	0	21.52	21.50	21.46	19.27	**19.33**	**19.33**	20.37	20.64	20.69	18.25	**18.44**	18.43

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	25.53	25.41	25.36	23.10	23.21	23.28	24.31	24.62	24.59	22.22	22.40	22.42
		1	1	25.68	25.66	25.61	23.38	23.60	23.53	24.53	24.85	24.81	22.42	22.66	**22.70**
		1	77	**25.70**	25.63	25.58	23.47	23.58	**23.67**	24.72	**24.89**	24.76	22.67	22.56	22.69
		1	78	25.49	25.40	25.38	23.18	23.30	23.41	24.57	24.69	24.63	22.40	22.38	22.47
		36	18	25.61	25.61	25.58	23.28	23.39	23.57	24.52	24.76	24.71	22.40	22.51	22.53
		75	0	25.47	25.45	25.44	23.06	23.24	23.35	24.46	24.66	24.60	22.26	22.38	22.35
	QPSK	1	0	24.91	24.90	24.82	22.60	22.75	22.87	23.85	24.24	24.14	21.81	21.80	22.00
		1	1	25.49	25.54	25.43	23.29	23.47	**23.70**	24.55	**25.00**	24.80	22.52	22.57	**22.67**
		1	77	25.49	25.54	25.41	23.35	23.59	23.60	24.80	24.94	24.76	**22.67**	22.60	22.55
		1	78	24.91	24.87	24.85	22.79	22.85	22.97	24.00	24.23	24.04	21.95	21.90	21.78
		36	18	**25.62**	25.61	25.59	23.26	23.50	23.59	24.61	24.86	24.78	22.55	22.60	22.50
		75	0	25.00	24.99	24.96	22.61	22.83	22.79	23.94	24.18	24.09	21.84	21.91	21.87
	16QAM	1	0	24.13	24.14	23.94	21.68	21.78	21.84	23.01	22.93	22.96	20.83	20.72	20.92
		1	1	**25.02**	25.01	24.89	22.74	22.81	22.73	23.93	24.00	23.88	22.06	21.91	21.87
		1	77	**25.02**	25.00	24.93	22.66	**22.91**	22.82	**24.19**	23.95	23.78	**22.16**	21.96	21.98
		1	78	24.10	24.09	24.00	21.77	21.72	21.76	23.11	22.91	22.71	20.95	20.91	20.77
		36	18	24.93	24.96	24.92	22.63	22.71	22.80	23.89	24.17	24.01	21.70	21.87	21.92
		75	0	24.03	24.05	24.03	21.65	21.76	21.90	22.88	23.16	23.07	20.83	20.90	20.93
	64QAM	1	0	23.49	23.52	23.55	21.06	21.21	21.17	22.24	22.49	22.58	20.05	19.82	20.39
		1	1	23.51	23.53	23.54	21.04	**21.35**	21.20	22.16	22.55	22.45	20.04	20.09	**20.51**
		1	77	23.53	23.48	23.52	21.25	21.31	21.21	22.55	22.48	22.38	20.17	20.18	20.41
		1	78	23.50	23.46	23.52	21.29	21.27	21.15	22.41	22.46	22.57	20.17	20.15	20.41
		36	18	**23.61**	23.54	23.56	21.17	21.29	21.34	22.47	**22.67**	22.53	20.27	20.45	20.39
		75	0	23.59	23.54	23.54	21.17	21.19	21.34	22.37	22.65	22.51	20.27	**20.51**	20.43
	256QAM	1	0	21.60	21.24	21.38	18.85	19.08	18.98	20.38	20.58	20.50	18.04	18.38	18.07
		1	1	21.67	21.32	21.34	18.78	19.08	18.98	20.32	20.55	20.42	17.98	18.39	18.30
		1	77	**21.69**	21.28	21.38	18.94	19.11	19.09	20.60	20.57	20.45	18.19	18.40	18.15
		1	78	21.64	21.27	21.38	18.92	19.11	19.00	**20.65**	20.47	20.43	18.15	18.36	18.14
		36	18	21.57	21.58	21.36	19.09	19.23	19.19	20.32	20.54	20.58	18.29	18.37	18.34
		75	0	21.63	21.57	21.51	19.05	19.26	**19.29**	20.39	20.61	20.61	18.34	18.43	**18.49**

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	25.51	25.46	25.39	23.07	23.17	23.23	24.37	24.73	24.75	22.12	22.39	22.50
		1	1	25.67	**25.69**	25.61	23.34	23.45	23.53	24.64	24.93	24.81	22.35	22.56	**22.65**
		1	104	**25.69**	25.67	25.60	23.41	23.50	**23.56**	24.91	**24.98**	24.75	22.53	22.59	22.61
		1	105	25.50	25.46	25.44	23.06	23.18	23.34	24.70	24.76	24.57	22.34	22.44	22.47
		50	25	**25.69**	25.65	25.63	23.28	23.41	**23.56**	24.83	24.89	24.91	22.48	22.57	**22.65**
		100	0	25.47	25.44	25.41	23.08	23.18	23.32	24.63	24.79	24.69	22.31	22.39	22.44
	QPSK	1	0	24.92	24.86	24.92	22.57	22.64	22.86	23.97	24.27	24.18	21.70	21.88	21.91
		1	1	25.48	25.46	25.49	23.20	23.46	23.61	24.61	**25.00**	24.85	22.49	**22.70**	22.63
		1	104	25.50	25.44	25.48	23.34	23.56	**23.70**	24.95	24.99	24.87	22.69	22.67	22.48
		1	105	24.92	24.84	24.92	22.62	22.79	22.96	24.17	24.24	24.05	21.88	21.97	21.87
		50	25	**25.70**	25.66	25.65	23.32	23.46	23.61	24.90	24.91	24.89	22.57	22.63	22.54
		100	0	25.00	24.96	24.95	22.62	22.73	22.84	24.10	24.13	24.18	21.83	21.88	21.90
	16QAM	1	0	24.05	24.01	24.04	21.72	21.53	21.99	22.85	23.09	23.26	20.80	21.11	20.91
		1	1	24.94	24.88	24.91	22.77	22.59	**23.03**	23.85	24.13	**24.29**	21.80	**22.37**	21.85
		1	104	24.91	24.85	24.95	22.73	22.53	22.95	24.26	24.15	24.21	21.84	22.31	21.94
		1	105	23.97	23.96	24.06	21.82	21.66	21.96	23.06	23.13	23.14	20.76	21.29	20.76
		50	25	**24.99**	24.96	24.97	22.64	22.70	22.86	24.06	24.17	24.16	21.80	21.86	21.87
		100	0	24.05	24.03	23.96	21.58	21.69	21.81	23.09	23.19	23.14	20.73	20.85	20.84
	64QAM	1	0	23.49	23.29	23.40	20.83	20.94	21.15	22.12	22.58	22.59	20.06	20.17	20.32
		1	1	23.48	23.27	23.42	20.85	21.10	21.18	22.23	22.66	22.67	19.98	20.26	20.33
		1	104	23.52	23.24	23.42	21.00	20.99	21.32	22.40	22.52	22.45	20.23	20.24	20.38
		1	105	23.51	23.22	23.39	20.86	21.06	21.14	22.50	22.56	22.59	20.25	20.46	20.14
		50	25	**23.63**	23.56	23.51	21.07	21.31	**21.33**	22.60	**22.70**	22.69	20.23	**20.47**	20.42
		100	0	23.52	23.53	23.47	21.07	21.24	21.26	22.53	22.65	22.60	20.22	20.42	20.35
	256QAM	1	0	21.46	21.58	21.12	18.88	19.05	19.31	20.40	20.65	20.68	18.19	18.27	18.31
		1	1	21.47	**21.61**	21.13	18.71	18.82	19.12	20.45	20.52	20.64	18.16	18.39	18.45
		1	104	21.51	21.55	21.10	18.87	18.92	19.18	20.57	20.60	20.51	18.30	**18.50**	18.42
		1	105	21.47	21.54	21.15	18.96	19.12	**19.32**	20.62	20.65	20.57	18.37	18.38	18.38
		50	25	**21.61**	21.58	21.56	19.10	19.24	19.24	20.52	20.66	**20.71**	18.31	18.42	18.44
		100	0	21.57	21.56	21.52	19.13	19.23	19.19	20.55	20.61	20.67	18.29	18.39	18.45

OUTPUT POWER FOR 5G NR n7 (25.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				502500	507000	511500	502500	507000	511500	502500	507000	511500	502500	507000	511500
				2512.5	2535.0	2557.5	2512.5	2535.0	2557.5	2512.5	2535.0	2557.5	2512.5	2535.0	2557.5
25.0	BPSK	1	0	25.46	25.44	25.41	23.15	23.21	23.39	24.36	24.67	24.68	22.07	22.20	22.33
		1	1	25.66	**25.70**	25.61	23.43	23.52	23.60	24.51	24.82	**24.94**	22.37	22.53	**22.62**
		1	131	25.66	25.65	25.63	23.53	23.58	**23.67**	24.83	24.92	24.91	22.61	22.60	22.50
		1	132	25.49	25.44	25.46	23.31	23.44	23.51	24.63	24.70	24.68	22.37	22.39	22.27
		64	32	25.66	25.66	25.68	23.35	23.56	23.56	24.77	24.80	24.89	22.51	22.52	22.53
		128	0	25.46	25.43	25.40	23.13	23.33	23.28	24.51	24.59	24.65	22.28	22.31	22.27
	QPSK	1	0	24.98	25.00	25.01	22.57	22.91	22.79	24.00	24.11	24.22	21.76	21.86	21.92
		1	1	25.61	25.66	25.58	23.37	23.69	23.61	24.59	24.81	24.88	22.53	**22.70**	22.55
		1	131	25.62	25.56	25.54	23.49	**23.70**	23.55	24.93	**25.00**	24.79	22.67	22.67	22.50
		1	132	25.01	24.99	24.99	22.82	23.00	22.86	24.23	24.24	24.02	21.97	21.96	21.79
		64	32	**25.68**	25.66	25.64	23.37	23.54	23.60	24.77	24.79	24.82	22.44	22.53	22.51
		128	0	24.97	24.95	24.94	22.60	22.82	22.81	24.02	24.02	24.14	21.75	21.78	21.89
	16QAM	1	0	23.93	24.07	24.09	21.55	21.70	21.83	22.75	23.16	23.10	20.74	20.69	20.75
		1	1	24.88	24.95	24.97	22.49	22.88	22.97	23.91	24.34	24.05	21.80	21.90	21.93
		1	131	24.89	24.90	24.97	22.62	**23.07**	22.87	24.20	**24.35**	24.01	**22.05**	21.94	21.58
		1	132	23.93	24.03	24.12	21.71	22.06	21.96	23.17	23.38	23.06	21.00	20.90	20.73
		64	32	**25.00**	24.97	24.92	22.78	22.87	22.82	24.07	24.02	24.07	21.78	21.90	21.78
		128	0	24.00	23.99	23.96	21.62	21.88	21.83	23.03	23.09	23.07	20.69	20.78	20.71
	64QAM	1	0	23.29	23.54	23.45	21.19	21.34	21.01	22.26	22.25	22.54	19.74	19.93	20.17
		1	1	23.30	**23.56**	23.47	21.17	21.27	21.24	22.04	22.33	**22.64**	19.94	20.06	20.08
		1	131	23.26	23.53	23.45	**21.50**	21.36	21.27	22.46	22.40	22.35	20.12	19.96	20.11
		1	132	23.28	23.52	23.42	21.39	21.42	21.24	22.42	22.41	22.43	20.20	20.03	20.08
		64	32	23.51	23.51	23.48	21.17	21.34	21.27	22.54	22.61	22.56	20.16	20.24	**20.33**
		128	0	23.50	23.46	23.46	21.22	21.31	21.30	22.42	22.55	22.53	20.25	20.27	20.31
	256QAM	1	0	21.15	21.25	21.26	19.13	19.16	19.35	20.18	20.52	20.47	18.01	18.08	18.06
		1	1	21.15	21.37	21.21	18.80	19.03	19.23	20.35	20.47	20.47	18.08	18.15	18.26
		1	131	21.15	21.20	21.25	19.00	19.26	19.20	20.44	**20.60**	20.35	18.22	18.02	18.09
		1	132	21.15	21.19	21.25	19.19	19.24	**19.37**	20.52	20.46	20.46	**18.42**	18.28	18.06
		64	32	**21.59**	21.55	21.44	19.13	19.24	**19.37**	20.50	**20.60**	20.56	18.29	18.33	18.30
		128	0	21.56	21.49	21.40	19.15	19.23	19.34	20.49	**20.60**	20.55	18.21	18.32	18.31

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	25.44	25.47	25.40	23.35	23.21	23.26	24.35	24.79	24.75	22.09	22.22	22.25
		1	1	**25.70**	**25.70**	25.61	23.41	23.54	**23.62**	24.57	24.95	**25.00**	22.44	22.58	22.54
		1	158	25.62	25.57	25.53	23.53	23.59	23.57	24.86	24.98	24.88	22.61	**22.68**	22.46
		1	159	25.38	25.38	25.36	23.23	23.39	23.40	24.74	24.80	24.61	22.43	22.28	22.30
		80	40	25.62	25.58	25.55	23.35	23.54	**23.62**	24.88	24.92	24.86	22.45	22.58	22.48
		160	0	25.38	25.38	25.38	23.21	23.36	23.32	24.59	24.69	24.69	22.30	22.34	22.30
	QPSK	1	0	24.93	24.99	24.83	22.74	22.81	22.83	23.83	24.13	24.16	21.63	21.70	21.76
		1	1	25.54	25.57	25.55	23.42	23.50	23.66	24.61	24.81	24.86	22.37	22.61	**22.70**
		1	158	25.52	25.49	25.49	23.50	**23.70**	23.64	24.82	**24.93**	24.79	22.62	22.63	22.53
		1	159	24.94	24.95	24.84	22.74	22.84	22.84	24.09	24.33	24.07	21.91	21.81	21.82
		80	40	**25.58**	**25.58**	25.53	23.51	23.56	23.55	**24.93**	24.87	24.87	22.50	22.55	22.49
		160	0	24.93	24.90	24.87	22.76	22.81	22.79	24.08	24.19	24.19	21.77	21.82	21.79
	16QAM	1	0	24.17	23.93	23.92	21.49	21.94	21.81	23.20	23.08	23.13	20.49	20.70	20.84
		1	1	25.10	24.99	24.88	22.58	22.92	22.69	24.38	24.06	24.06	21.49	22.01	**22.04**
		1	158	**25.11**	24.90	24.95	22.67	**23.15**	22.87	**24.56**	24.22	24.06	21.60	21.93	21.90
		1	159	24.28	23.89	23.96	21.69	21.99	21.88	23.66	23.16	23.10	20.57	20.82	20.94
		80	40	24.98	24.90	24.89	22.75	22.90	22.81	24.14	24.22	24.09	21.72	21.81	21.87
		160	0	24.02	23.97	23.92	21.82	21.95	21.87	23.13	23.22	23.11	20.72	20.79	20.99
	64QAM	1	0	23.51	**23.60**	23.27	20.72	21.30	21.16	22.28	22.58	22.56	19.94	19.90	20.26
		1	1	23.54	**23.60**	23.32	20.89	21.23	21.35	22.13	22.62	22.46	20.06	20.06	20.28
		1	158	23.49	23.53	23.23	20.98	21.22	21.16	22.64	22.74	22.60	20.31	20.05	20.29
		1	159	23.48	23.51	23.18	21.14	21.31	21.09	22.45	22.66	22.38	20.35	19.86	20.19
		80	40	23.49	23.50	23.44	21.25	21.35	21.26	22.57	22.65	22.63	20.30	20.19	20.38
		160	0	23.54	23.51	23.45	21.21	**21.40**	21.36	22.63	22.71	**22.76**	20.22	20.31	**20.43**
	256QAM	1	0	21.32	**21.72**	21.51	19.19	19.13	19.11	20.44	20.46	20.68	18.00	17.96	18.32
		1	1	21.34	21.68	21.50	18.91	19.23	19.25	20.44	20.42	20.75	17.93	17.99	**18.44**
		1	158	21.35	21.71	21.50	18.94	19.38	19.20	20.72	20.50	20.64	18.24	18.17	18.27
		1	159	21.32	21.70	21.49	19.15	19.24	19.27	20.67	20.58	**20.85**	18.13	18.03	18.31
		80	40	21.51	21.51	21.48	19.21	19.31	19.35	20.58	20.69	20.66	18.27	18.21	18.33
		160	0	21.48	21.48	21.46	19.31	19.29	**19.39**	20.57	20.61	20.65	18.28	18.33	18.36

OUTPUT POWER FOR 5G NR n7 (35.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				50.5	507000	510500	50.5	507000	510500	50.5	507000	510500	50.5	507000	510500
				2517.5	2535.0	2552.5	2517.5	2535.0	2552.5	2517.5	2535.0	2552.5	2517.5	2535.0	2552.5
35.0	BPSK	1	0	25.00	25.11	25.30	22.40	22.59	22.43	24.28	24.48	24.51	21.99	22.24	22.17
		1	1	25.33	25.32	25.41	22.67	22.88	23.20	24.39	24.70	24.71	22.22	22.25	22.40
		1	186	25.44	25.61	**25.70**	22.72	22.90	**23.42**	24.68	24.80	**24.91**	**22.60**	22.55	22.53
		1	187	25.22	25.25	25.68	22.62	22.76	22.72	24.52	24.63	24.59	22.36	22.36	22.27
		90	45	25.30	25.26	25.62	22.76	22.72	23.17	24.65	24.58	24.71	22.02	22.44	22.30
		180	0	25.17	25.17	25.33	22.53	22.58	22.67	24.23	24.40	24.57	22.17	22.13	22.17
	QPSK	1	0	24.95	24.56	24.75	22.12	22.00	22.01	23.72	23.94	23.92	21.47	21.63	21.69
		1	1	25.60	25.33	25.51	22.90	23.00	23.25	24.75	24.65	24.82	22.20	22.33	**22.70**
		1	186	25.55	25.40	**25.65**	22.74	23.03	**23.70**	24.69	24.96	**25.00**	22.66	22.64	22.51
		1	187	24.94	24.84	25.13	22.18	22.18	22.37	24.11	24.12	24.31	21.92	21.83	21.94
		90	45	25.37	25.28	25.57	22.67	22.80	23.18	24.59	24.53	24.64	22.26	22.33	22.41
		180	0	24.73	24.78	24.89	22.04	22.07	22.12	23.88	23.95	24.03	21.60	21.72	21.68
	16QAM	1	0	23.84	23.86	23.46	20.96	20.64	20.98	22.82	22.77	23.22	20.30	20.47	20.80
		1	1	24.66	24.59	24.61	21.95	21.56	22.19	23.70	23.66	24.20	21.31	21.56	21.50
		1	186	24.49	24.69	**25.09**	**22.22**	21.99	21.82	23.95	24.03	**24.34**	21.70	21.68	**22.05**
		1	187	23.94	24.31	24.26	21.41	21.40	21.55	22.96	23.12	22.70	20.85	20.42	20.83
		90	45	24.69	24.73	24.85	22.04	22.06	22.15	23.89	23.87	13.90	21.64	21.60	21.65
		180	0	23.80	23.74	23.96	21.05	21.10	21.15	22.89	22.89	22.96	20.58	20.56	1.02
	64QAM	1	0	23.43	23.22	23.34	20.79	20.87	20.91	22.43	22.41	22.39	20.16	19.68	20.58
		1	1	23.56	23.16	23.20	20.62	**20.95**	20.57	22.59	**22.98**	22.41	19.93	20.02	20.06
		1	186	23.35	23.18	**23.64**	20.90	20.90	20.56	22.66	22.70	22.93	20.37	20.24	**20.60**
		1	187	23.63	23.55	23.61	20.76	20.87	20.84	22.70	22.29	22.70	20.35	20.44	19.90
		90	45	23.22	23.24	23.34	20.55	20.57	20.55	22.39	22.38	22.41	20.07	20.09	20.15
		180	0	23.26	23.23	23.31	20.56	20.60	20.60	22.39	22.38	22.43	20.10	20.00	20.11
	256QAM	1	0	21.02	20.87	21.01	**18.67**	18.48	17.98	20.03	20.32	20.19	17.56	17.97	18.13
		1	1	20.97	21.21	21.32	18.09	18.40	18.25	19.85	20.58	20.19	17.75	18.29	17.97
		1	186	21.09	21.20	21.32	18.64	18.43	18.45	20.41	20.60	20.49	18.31	18.02	**18.42**
		1	187	21.30	21.24	21.16	18.52	18.66	18.64	20.12	20.44	**20.72**	18.08	18.21	18.05
		90	45	21.19	21.21	**21.38**	18.60	18.60	18.57	20.36	20.42	20.38	18.16	18.17	18.14
		180	0	21.22	21.25	21.34	18.49	18.59	18.58	20.43	20.52	20.43	18.19	18.15	16.87

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	25.47	25.41	25.42	23.14	23.23	23.34	24.43	24.72	24.82	22.15	22.23	22.38
		1	1	**25.70**	25.66	25.65	23.45	23.50	**23.70**	24.69	24.99	24.91	22.49	22.54	22.65
		1	214	25.60	25.54	25.55	23.55	23.60	23.50	24.93	**25.00**	24.93	22.58	**22.69**	22.59
		1	215	25.40	25.36	25.37	23.36	23.36	23.33	24.69	24.81	24.62	22.29	22.45	22.36
		108	54	25.62	25.58	25.55	23.43	23.47	23.46	24.75	24.84	24.92	22.58	22.51	22.51
		216	0	25.41	25.39	25.38	23.20	23.29	23.29	24.58	24.64	24.77	22.30	22.41	22.36
	QPSK	1	0	24.96	24.90	24.86	22.61	22.71	22.91	23.85	24.19	24.38	21.71	21.79	21.76
		1	1	25.58	25.50	25.55	23.39	23.52	23.62	24.71	24.85	**24.99**	22.47	22.69	22.60
		1	214	25.56	25.44	25.46	23.55	23.54	**23.68**	24.92	24.96	24.96	22.61	**22.70**	22.59
		1	215	24.92	24.88	24.82	22.84	22.82	22.89	24.24	24.27	24.17	21.91	21.96	21.77
		108	54	**25.63**	25.62	25.60	23.42	23.55	23.55	24.78	24.87	24.97	22.64	22.51	22.59
		216	0	24.90	24.90	24.86	22.76	22.86	22.84	24.09	24.20	24.27	21.91	21.92	21.85
	16QAM	1	0	23.91	24.12	23.91	21.77	21.68	21.51	22.86	23.09	23.47	20.80	20.72	20.92
		1	1	24.86	**25.08**	24.75	22.89	23.03	22.64	23.96	23.98	24.18	21.91	21.84	**22.00**
		1	214	24.83	24.97	24.73	23.02	**23.08**	22.62	23.98	**24.23**	24.13	21.93	21.77	21.89
		1	215	23.89	24.11	23.86	21.96	22.10	21.45	23.32	23.35	23.42	21.22	21.01	21.08
		108	54	24.96	24.97	24.93	22.82	22.82	22.86	24.16	24.16	24.21	21.94	21.93	21.80
		216	0	23.94	23.92	23.91	21.78	21.93	21.93	23.10	23.22	23.30	20.87	20.92	20.84
	64QAM	1	0	23.50	23.47	23.37	20.88	21.04	21.14	22.39	22.46	22.77	19.81	20.19	20.20
		1	1	23.55	23.50	23.47	20.99	21.08	21.31	22.43	22.57	**22.83**	19.90	20.47	20.17
		1	214	23.46	23.41	23.30	**21.37**	21.04	21.15	22.79	22.75	22.54	20.29	20.40	20.19
		1	215	23.45	23.42	23.29	21.26	21.14	21.10	22.76	22.71	22.62	20.09	**20.55**	20.31
		108	54	**23.58**	23.53	23.44	21.21	21.30	21.26	22.58	22.66	22.73	20.29	20.34	20.34
		216	0	23.52	23.44	23.41	21.19	21.30	21.28	22.57	22.65	22.76	20.29	20.29	20.32
	256QAM	1	0	21.44	21.46	**21.60**	18.79	19.15	18.85	20.38	20.58	20.88	17.96	17.77	18.06
		1	1	21.41	21.41	21.54	18.92	19.02	18.93	20.37	20.52	**20.99**	18.10	18.00	18.41
		1	214	21.46	21.43	21.54	19.08	19.30	18.86	20.58	20.89	20.83	18.23	18.20	18.19
		1	215	21.42	21.41	21.52	19.26	19.28	18.99	20.46	20.71	20.97	18.41	18.25	18.24
		108	54	21.56	21.54	21.53	19.29	19.32	**19.38**	20.70	20.73	20.73	18.41	**18.42**	18.37
		216	0	21.48	21.45	21.44	19.32	19.28	19.35	20.61	20.66	20.77	18.40	18.35	18.38

8.2. LTE BAND 12 AND 5G NR n12

LTE BAND 12

Test Engineer ID:	25780	Test Date:	11/14/2022

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	25.66	25.64	25.62	24.64	24.50	24.40	24.93	25.32	24.95
		1	2	**25.70**	25.66	25.62	24.59	24.59	24.48	24.88	**25.40**	24.97
		1	5	25.65	25.64	25.55	24.58	24.63	24.62	24.90	**25.40**	24.93
		3	0	25.66	25.59	25.56	24.40	**24.70**	24.39	24.86	25.33	24.88
		3	1	25.67	25.60	25.56	24.51	24.55	24.36	24.86	25.33	24.90
		3	2	25.65	25.57	25.55	24.53	24.55	24.45	24.87	25.34	24.93
		6	0	24.93	24.88	24.83	23.58	23.53	23.36	23.84	24.32	23.87
	16QAM	1	0	25.10	25.26	25.20	23.75	23.84	23.92	24.11	24.63	24.21
		1	2	25.11	**25.30**	25.22	23.77	**24.08**	23.80	24.19	24.69	24.29
		1	5	25.09	25.22	25.22	23.69	23.97	23.88	24.23	**24.73**	24.24
		3	0	25.06	25.10	25.07	23.83	23.62	23.69	23.99	24.55	24.06
		3	1	25.10	25.11	25.06	23.73	23.66	23.55	24.01	24.57	24.13
		3	2	25.10	25.11	25.04	23.68	23.60	23.78	24.05	24.52	24.11
		6	0	24.01	23.97	23.92	22.65	22.70	22.47	22.89	23.35	22.96
	64QAM	1	0	24.13	24.10	24.05	22.71	22.62	22.47	23.02	23.06	23.01
		1	2	24.13	24.15	24.05	22.46	**22.92**	22.59	23.03	**23.22**	23.06
		1	5	**24.26**	24.13	24.02	22.74	22.65	22.59	22.97	23.12	23.03
		3	0	24.04	24.00	23.89	22.53	22.45	22.36	23.04	23.05	22.92
		3	1	24.04	23.99	23.86	22.58	22.36	22.54	23.06	23.04	22.97
		3	2	24.05	24.00	23.87	22.63	22.43	22.41	23.09	23.04	22.98
		6	0	22.98	22.79	22.80	21.59	21.49	21.35	21.88	21.93	21.91
	256QAM	1	0	20.98	20.93	20.92	19.67	19.51	19.56	19.82	19.94	19.91
		1	2	**21.07**	21.03	20.91	19.55	**19.90**	19.41	19.97	20.01	**20.05**
		1	5	21.06	20.95	20.88	19.62	19.56	19.27	19.97	19.96	19.99
		3	0	20.98	20.92	20.94	19.38	19.58	19.56	19.96	**20.05**	19.82
		3	1	20.96	20.94	20.96	19.69	19.50	19.31	19.94	**20.05**	19.94
		3	2	20.98	20.93	20.94	19.41	19.51	19.61	19.96	**20.05**	19.92
		6	0	20.95	20.83	20.71	19.68	19.40	19.37	20.03	19.86	19.95

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	25.57	25.57	25.53	24.58	24.57	24.52	25.27	25.31	25.25
		1	7	**25.70**	25.66	25.62	**24.70**	24.68	24.62	25.37	**25.40**	25.36
		1	14	25.62	25.58	25.53	24.58	24.55	24.51	25.27	25.29	25.25
		8	0	24.89	24.93	24.82	23.66	23.63	23.50	24.27	24.29	24.23
		8	4	25.02	24.93	24.92	23.72	23.65	23.61	24.37	24.40	24.27
		8	7	24.99	24.95	24.91	23.69	23.66	23.59	24.37	24.37	24.34
		15	0	24.95	24.91	24.87	23.67	23.62	23.58	24.33	24.35	24.23
	16QAM	1	0	25.29	25.17	25.19	23.93	23.85	23.79	24.55	24.61	24.62
		1	7	**25.35**	25.25	25.32	**24.07**	23.95	23.87	24.68	24.67	**24.75**
		1	14	25.20	25.19	25.21	23.89	23.86	23.81	24.52	24.59	24.59
		8	0	23.96	23.96	23.86	22.75	22.68	22.58	23.35	23.36	23.31
		8	4	24.08	23.98	23.99	22.76	22.70	22.70	23.45	23.49	23.35
		8	7	24.07	23.99	23.95	22.76	22.69	22.70	23.44	23.47	23.43
		15	0	23.96	23.96	23.90	22.70	22.63	22.60	23.36	23.36	23.24
	64QAM	1	0	24.17	24.12	23.96	22.91	22.77	22.66	23.49	23.50	23.42
		1	7	**24.28**	24.13	24.02	**22.99**	22.86	22.75	23.54	**23.60**	23.50
		1	14	24.19	24.01	23.96	22.94	22.78	22.65	23.44	23.55	23.45
		8	0	22.90	22.91	22.82	21.71	21.61	21.47	22.32	22.31	22.27
		8	4	23.01	22.92	22.94	21.77	21.65	21.58	22.44	22.44	22.31
		8	7	23.01	22.93	22.92	21.74	21.63	21.59	22.41	22.41	22.39
		15	0	22.97	22.89	22.83	21.72	21.60	21.53	22.37	22.36	22.26
	256QAM	1	0	20.91	20.81	20.84	19.68	19.64	19.59	20.35	20.30	20.27
		1	7	**21.06**	20.93	20.95	**19.85**	19.71	19.72	**20.55**	20.49	20.54
		1	14	21.04	20.87	20.87	19.80	19.70	19.72	20.45	20.36	20.45
		8	0	20.89	20.88	20.77	19.74	19.60	19.48	20.28	20.28	20.24
		8	4	21.01	20.90	20.90	19.77	19.64	19.60	20.42	20.38	20.29
		8	7	21.00	20.91	20.86	19.78	19.66	19.60	20.42	20.37	20.39
		15	0	20.96	20.87	20.83	19.73	19.61	19.56	20.37	20.35	20.24

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	25.54	25.53	25.59	24.57	24.60	24.55	25.22	25.23	25.24
		1	12	**25.70**	25.66	25.67	24.61	24.68	**24.70**	25.33	**25.40**	25.32
		1	24	25.54	25.54	25.56	24.57	24.58	24.54	25.22	25.21	25.21
		12	0	24.82	24.81	24.80	23.64	23.55	23.51	24.18	24.19	24.18
		12	6	24.92	24.90	24.82	23.66	23.64	23.52	24.29	24.30	24.24
		12	11	24.90	24.88	24.86	23.64	23.62	23.57	24.23	24.28	24.21
		25	0	24.88	24.86	24.78	23.62	23.61	23.49	24.27	24.25	24.23
	16QAM	1	0	25.21	25.23	25.17	23.98	23.95	23.94	24.58	24.58	24.57
		1	12	25.31	**25.35**	25.34	**24.09**	24.04	24.02	**24.71**	24.60	24.64
		1	24	25.21	25.24	25.18	23.99	23.98	23.91	24.63	24.56	24.56
		12	0	23.73	23.84	23.83	22.71	22.64	22.53	23.18	23.28	23.23
		12	6	23.85	23.96	23.85	22.73	22.76	22.57	23.27	23.39	23.34
		12	11	23.81	23.93	23.90	22.70	22.70	22.62	23.24	23.34	23.29
		25	0	23.92	23.86	23.80	22.62	22.66	22.52	23.30	23.29	23.27
	64QAM	1	0	24.00	23.98	23.97	22.73	22.60	22.78	23.33	23.49	23.38
		1	12	**24.08**	24.04	23.99	22.81	22.64	**22.82**	23.41	**23.54**	23.38
		1	24	23.98	23.96	23.97	22.75	22.61	22.78	23.30	23.51	23.36
		12	0	22.87	22.77	22.75	21.70	21.52	21.54	22.22	22.22	22.12
		12	6	22.96	22.89	22.78	21.71	21.64	21.57	22.32	22.35	22.27
		12	11	22.90	22.87	22.81	21.68	21.57	21.62	22.28	22.29	22.23
		25	0	22.92	22.86	22.75	21.66	21.59	21.50	22.26	22.26	22.21
	256QAM	1	0	20.90	20.85	20.83	19.78	19.75	19.61	20.33	20.28	20.16
		1	12	**21.04**	20.97	20.96	**19.93**	19.81	19.71	**20.55**	20.39	20.32
		1	24	20.94	20.93	20.86	19.82	19.62	19.63	20.42	20.31	20.25
		12	0	20.83	20.76	20.76	19.66	19.54	19.53	20.19	20.18	20.14
		12	6	20.92	20.87	20.80	19.71	19.62	19.57	20.31	20.28	20.25
		12	11	20.90	20.84	20.83	19.66	19.59	19.60	20.27	20.29	20.20
		25	0	20.90	20.84	20.75	19.64	19.59	19.53	20.26	20.25	20.20

OUTPUT POWER FOR LTE BAND 12 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 1			ANT 2			ANT 3		
				23060	23095	23130	23060	23095	23130	23060	23095	23130
				704.0	707.5	711.0	704.0	707.5	711.0	704.0	707.5	711.0
10.0	QPSK	1	0	25.68	25.68	**25.70**	**24.70**	24.68	24.66	25.36	25.38	25.35
		1	24	25.68	**25.70**	25.64	24.69	24.68	24.66	25.32	**25.40**	25.37
		1	49	25.61	25.63	25.63	24.60	24.65	24.62	25.29	25.30	25.30
		25	0	24.92	24.95	24.91	23.62	23.63	23.61	24.29	24.30	24.29
		25	12	25.00	25.03	24.93	23.70	23.73	23.67	24.37	24.38	24.38
		25	24	24.98	24.98	24.97	23.66	23.67	23.64	24.34	24.36	24.33
		50	0	24.98	24.99	24.88	23.67	23.69	23.65	24.35	24.35	24.33
	16QAM	1	0	25.30	**25.44**	25.37	24.05	24.04	**24.06**	24.66	**24.73**	24.66
		1	24	25.23	25.30	25.23	23.97	23.99	24.00	24.62	24.60	24.60
		1	49	25.27	25.41	25.28	23.98	23.96	24.02	24.66	24.62	24.57
		25	0	23.94	23.99	23.92	22.65	22.66	22.66	23.30	23.31	23.29
		25	12	24.05	24.05	23.91	22.72	22.72	22.74	23.40	23.39	23.39
		25	24	24.00	24.01	23.98	22.71	22.70	22.71	23.36	23.36	23.35
		50	0	23.99	24.00	23.92	22.68	22.69	22.67	23.35	23.37	23.35
	64QAM	1	0	24.16	24.18	24.12	22.83	22.91	22.87	**23.64**	23.59	23.58
		1	24	24.17	**24.22**	24.06	22.89	**22.94**	22.87	23.61	23.61	23.58
		1	49	24.10	24.15	24.03	22.75	22.85	22.83	23.58	23.54	23.56
		25	0	22.95	22.89	22.88	21.66	21.56	21.55	22.29	22.26	22.24
		25	12	23.04	22.98	22.90	21.72	21.68	21.65	22.36	22.38	22.34
		25	24	22.99	22.93	22.94	21.70	21.64	21.61	22.34	22.33	22.32
		50	0	22.99	22.96	22.87	21.68	21.66	21.64	22.36	22.35	22.33
	256QAM	1	0	21.04	20.97	20.94	19.77	19.77	19.60	20.34	20.34	20.32
		1	24	**21.17**	21.09	20.99	19.85	**19.87**	19.74	20.46	20.46	**20.48**
		1	49	21.07	21.02	20.96	19.80	19.78	19.67	20.44	20.41	20.39
		25	0	20.91	20.89	20.87	19.65	19.60	19.56	20.28	20.26	20.25
		25	12	20.99	20.97	20.89	19.73	19.68	19.64	20.38	20.35	20.34
		25	24	20.98	20.94	20.92	19.68	19.64	19.62	20.35	20.32	20.30
		50	0	20.97	20.93	20.84	19.71	19.65	19.64	20.36	20.33	20.32

5G NR n12

Test Engineer ID:	50822	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	25.48	25.53	25.41	24.39	24.39	24.29	25.07	25.23	25.12
		1	1	25.65	**25.70**	25.60	24.56	24.60	24.50	25.31	25.34	25.36
		1	23	25.63	25.64	25.54	**24.64**	24.56	24.47	25.23	**25.40**	25.24
		1	24	25.37	25.50	25.34	24.28	24.34	24.24	25.03	25.12	25.09
		12	6	25.64	25.68	25.58	24.58	24.56	24.51	25.28	25.27	25.23
		25	0	25.40	25.42	25.31	24.34	24.33	24.23	25.04	25.04	24.89
	QPSK	1	0	25.02	25.08	24.87	23.89	23.81	23.76	24.29	24.67	23.64
		1	1	**25.69**	25.67	25.66	24.63	24.57	24.46	25.26	**25.37**	24.57
		1	23	25.66	25.66	25.59	24.69	24.55	24.48	25.36	25.31	25.16
		1	24	24.92	24.96	24.80	23.82	23.78	23.73	24.53	24.33	24.48
		12	6	25.67	25.67	25.59	**24.70**	24.64	24.47	25.34	25.32	24.56
		25	0	24.93	24.96	24.86	23.94	23.88	23.76	24.38	24.55	23.79
	16QAM	1	0	23.83	24.33	23.92	23.30	23.12	22.74	23.45	23.88	22.95
		1	1	24.87	25.22	24.93	**24.29**	24.09	23.82	24.47	24.72	23.88
		1	23	24.77	**25.24**	24.91	24.23	24.04	23.65	24.56	24.54	**24.81**
		1	24	23.70	24.32	23.85	23.19	23.00	22.63	23.52	23.53	23.75
		12	6	24.99	24.98	24.80	24.04	23.92	23.84	24.51	24.62	23.66
		25	0	23.91	23.97	23.89	22.88	22.85	22.69	23.45	23.54	22.80
	64QAM	1	0	23.19	23.47	22.93	22.26	22.29	22.42	23.10	23.12	22.30
		1	1	23.27	23.47	23.08	22.25	22.32	22.47	23.08	23.17	22.25
		1	23	23.26	23.32	22.96	22.20	22.33	22.42	**23.21**	23.12	23.03
		1	24	23.29	23.41	22.91	22.17	22.27	22.35	23.13	22.95	22.95
		12	6	23.49	23.42	23.41	**22.61**	22.46	22.44	23.02	**23.21**	22.14
		25	0	**23.55**	23.41	23.36	22.47	22.35	22.27	23.02	23.08	22.35
	256QAM	1	0	21.78	21.49	21.51	20.24	20.38	20.43	21.04	20.92	20.59
		1	1	**21.87**	21.50	21.60	20.33	20.32	**20.54**	**21.07**	20.80	20.55
		1	23	21.81	21.51	21.40	20.13	20.33	20.53	20.95	20.85	20.72
		1	24	21.78	21.53	21.38	20.18	20.35	20.42	21.04	20.95	20.73
		12	6	21.56	21.43	21.36	**20.54**	20.31	20.26	20.97	21.05	20.62
		25	0	21.49	21.35	21.26	20.45	20.35	20.39	21.01	21.05	20.76

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	25.43	25.48	25.49	24.40	24.48	24.41	25.07	25.26	25.21
		1	1	25.68	25.62	**25.70**	**24.70**	24.69	24.57	25.35	**25.40**	25.27
		1	50	25.55	25.51	25.50	24.46	24.52	24.36	25.21	25.28	25.24
		1	51	25.35	25.36	25.31	24.25	24.31	24.14	25.01	25.06	25.00
		25	12	25.50	25.58	25.51	24.53	24.46	24.39	25.26	25.32	25.26
		50	0	25.36	25.36	25.36	24.37	24.33	24.22	25.10	25.17	25.14
	QPSK	1	0	24.97	24.96	24.92	23.96	23.92	23.85	24.39	24.26	24.75
		1	1	**25.65**	25.61	25.63	**24.55**	24.47	24.49	**25.40**	25.35	25.26
		1	50	25.49	25.44	25.46	24.49	24.37	24.35	25.24	24.47	25.22
		1	51	24.82	24.66	24.79	23.73	23.69	23.63	24.56	23.45	24.41
		25	12	25.57	25.50	25.54	24.54	24.48	24.50	25.30	25.34	24.69
		50	0	24.86	24.77	24.89	23.85	23.82	23.77	24.60	24.65	24.07
	16QAM	1	0	23.93	23.87	24.06	23.07	22.72	22.89	23.35	23.39	24.03
		1	1	24.82	24.74	**25.04**	**24.01**	23.79	23.88	24.37	24.46	**24.85**
		1	50	24.89	24.69	24.73	23.82	23.64	23.77	24.43	23.50	24.79
		1	51	23.84	23.71	23.72	22.78	22.66	22.74	23.42	22.46	23.64
		25	12	24.80	24.83	24.87	23.82	23.85	23.73	24.62	24.68	23.83
		50	0	23.84	23.90	23.84	22.86	22.79	22.74	23.52	23.67	23.24
	64QAM	1	0	23.16	23.18	23.27	22.40	**22.70**	22.46	22.90	23.12	**23.26**
		1	1	23.18	23.15	23.22	22.30	22.46	22.55	22.90	23.09	23.14
		1	50	23.19	22.95	22.94	22.10	22.33	22.27	22.88	22.35	23.09
		1	51	23.12	23.02	22.96	22.16	22.30	22.18	23.00	22.29	23.00
		25	12	23.38	**23.45**	23.35	22.38	22.33	22.33	23.08	23.17	22.43
		50	0	23.44	23.34	23.34	22.38	22.35	22.33	23.12	23.19	22.76
	256QAM	1	0	21.50	21.51	21.51	20.38	20.45	20.03	20.92	21.15	21.14
		1	1	21.68	21.55	21.45	20.30	**20.54**	20.02	21.03	21.07	**21.32**
		1	50	**21.69**	21.45	21.45	20.26	20.45	19.97	21.24	20.85	21.12
		1	51	21.64	21.51	21.36	20.16	20.34	20.10	20.96	20.81	21.21
		25	12	21.36	21.32	21.30	20.33	20.28	20.26	21.04	21.15	20.96
		50	0	21.41	21.29	21.31	20.36	20.27	20.23	21.05	21.10	21.07

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	25.48	25.49	25.52	24.46	24.57	24.52	25.20	25.13	25.10
		1	1	25.67	**25.69**	25.67	**24.70**	**24.70**	24.64	**25.40**	25.29	25.30
		1	77	25.55	25.46	25.47	24.51	24.53	24.49	25.17	25.10	25.05
		1	78	25.33	25.27	25.30	24.33	24.41	24.29	24.93	24.91	24.90
		36	18	25.37	25.44	25.43	24.49	24.57	24.58	25.22	25.15	25.19
		75	0	25.30	25.30	25.26	24.46	24.43	24.38	25.00	24.98	24.98
	QPSK	1	0	24.88	24.93	25.09	23.99	23.99	23.99	24.00	24.24	24.33
		1	1	25.65	**25.70**	25.69	**24.70**	24.63	24.63	25.03	25.21	**25.40**
		1	77	25.48	25.56	25.52	24.47	24.51	24.49	24.36	24.83	25.11
		1	78	24.61	24.74	24.82	23.82	23.72	23.82	23.35	23.94	24.41
		36	18	25.44	25.48	25.41	24.64	24.60	24.51	25.23	25.21	25.18
		75	0	24.84	24.84	24.81	23.97	23.92	23.86	24.21	24.18	24.02
	16QAM	1	0	24.25	24.09	24.11	23.09	23.10	23.33	23.08	23.46	23.08
		1	1	**25.18**	24.96	24.98	24.08	24.14	**24.26**	23.94	24.43	24.16
		1	77	25.04	24.89	24.68	23.98	23.81	24.08	23.39	24.07	24.14
		1	78	23.94	23.84	23.76	22.85	22.78	23.08	22.39	23.13	23.16
		36	18	24.87	24.82	24.77	24.01	23.93	23.95	24.47	**24.52**	24.48
		75	0	23.96	23.77	23.76	22.94	22.97	22.84	23.31	23.20	23.16
	64QAM	1	0	23.20	23.22	23.46	22.34	**22.62**	22.49	22.94	22.98	22.90
		1	1	23.30	23.15	23.27	22.44	22.49	22.40	22.96	22.92	22.89
		1	77	23.11	23.07	23.09	22.18	22.36	22.36	22.30	22.54	22.81
		1	78	23.20	22.86	23.15	22.19	22.39	22.33	22.27	22.48	22.90
		36	18	23.31	23.38	23.28	22.51	22.52	22.39	**23.07**	23.06	23.04
		75	0	23.40	**23.47**	23.42	22.49	22.51	22.41	22.83	22.67	22.69
	256QAM	1	0	**21.74**	21.64	21.56	**20.65**	20.46	20.44	21.06	20.99	**21.22**
		1	1	21.59	21.46	21.54	20.45	20.33	20.61	21.06	21.08	21.09
		1	77	21.55	21.35	21.38	20.34	19.90	20.13	20.57	20.89	20.76
		1	78	21.36	21.23	21.30	20.13	20.19	20.18	20.61	20.74	20.61
		36	18	21.24	21.31	21.30	20.44	20.38	20.32	21.00	20.97	20.92
		75	0	21.38	21.35	21.36	20.42	20.44	20.35	21.03	20.97	20.98

8.3. LTE BAND 13

Test Engineer ID:	25780	Test Date:	11/14/2022

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	25.63	25.60	25.57	24.63	24.57	24.56	25.29	25.26	25.24
		1	12	25.68	**25.70**	25.69	24.68	24.68	**24.70**	25.38	**25.40**	25.35
		1	24	25.60	25.59	25.58	24.56	24.56	24.61	25.27	25.27	25.22
		12	0	24.97	24.86	24.83	23.69	23.57	23.51	24.19	24.23	24.20
		12	6	24.97	24.94	24.93	23.71	23.60	23.55	24.31	24.34	24.21
		12	11	24.94	24.91	24.91	23.63	23.56	23.60	24.28	24.26	24.25
		25	0	24.96	24.92	24.91	23.67	23.61	23.51	24.29	24.29	24.19
	16QAM	1	0	25.36	25.24	25.28	24.12	23.97	23.94	24.61	24.64	24.64
		1	12	**25.46**	25.41	25.32	**24.16**	24.02	24.03	**24.77**	24.70	24.68
		1	24	25.33	25.27	25.28	24.06	24.00	23.98	24.60	24.63	24.60
		12	0	24.08	23.82	23.79	22.78	22.65	22.54	23.23	23.20	23.29
		12	6	24.10	23.92	23.88	22.83	22.64	22.57	23.34	23.31	23.30
		12	11	24.08	23.91	23.86	22.78	22.61	22.61	23.30	23.25	23.34
		25	0	23.92	23.93	23.92	22.65	22.61	22.56	23.30	23.33	23.18
	64QAM	1	0	23.93	24.01	24.06	22.79	22.78	22.71	23.42	23.48	23.31
		1	12	24.04	24.07	**24.12**	22.78	**22.86**	22.73	23.48	**23.50**	23.34
		1	24	24.01	23.99	24.04	22.67	22.78	22.72	23.42	23.44	23.32
		12	0	22.93	22.84	22.84	21.68	21.62	21.51	22.21	22.26	22.22
		12	6	22.96	22.95	22.97	21.71	21.65	21.57	22.34	22.34	22.24
		12	11	22.94	22.91	22.93	21.63	21.60	21.60	22.31	22.30	22.29
		25	0	22.93	22.90	22.93	21.68	21.62	21.52	22.32	22.31	22.22
	256QAM	1	0	20.86	20.86	20.99	19.75	19.56	19.68	20.26	20.40	20.31
		1	12	20.99	21.03	**21.12**	**19.87**	19.74	**19.87**	20.35	**20.48**	20.42
		1	24	20.91	20.93	21.03	19.80	19.66	19.75	20.33	20.37	20.30
		12	0	20.91	20.82	20.80	19.66	19.62	19.49	20.21	20.22	20.22
		12	6	20.93	20.91	20.95	19.69	19.64	19.52	20.33	20.31	20.25
		12	11	20.89	20.89	20.92	19.61	19.61	19.61	20.30	20.29	20.28
		25	0	20.87	20.89	20.92	19.65	19.60	19.51	20.29	20.30	20.20

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**			**25.40**	
		1	24		**25.70**			24.64			25.39	
		1	49		25.64			24.65			25.33	
		25	0		24.95			23.66			24.35	
		25	12		25.02			23.71			24.42	
		25	24		24.98			23.65			24.36	
		50	0		25.03			23.70			24.34	
	16QAM	1	0		**25.36**			**24.15**			**24.73**	
		1	24		25.26			24.06			24.69	
		1	49		25.28			24.04			24.69	
		25	0		24.02			22.67			23.39	
		25	12		24.06			22.71			23.44	
		25	24		24.04			22.70			23.42	
		50	0		24.05			22.72			23.37	
	64QAM	1	0		24.06			**22.90**			**23.55**	
		1	24		**24.10**			22.84			23.54	
		1	49		24.07			22.78			23.48	
		25	0		22.96			21.62			22.34	
		25	12		23.04			21.68			22.42	
		25	24		23.00			21.67			22.36	
		50	0		23.03			21.67			22.32	
	256QAM	1	0		21.02			19.68			20.33	
		1	24		**21.17**			19.72			**20.45**	
		1	49		21.07			**19.74**			20.34	
		25	0		20.95			19.62			20.29	
		25	12		21.04			19.68			20.38	
		25	24		21.01			19.65			20.34	
		50	0		21.04			19.66			20.29	

8.4. LTE BAND 14 AND 5G NR n14

LTE BAND 14

Test Engineer ID:	25780	Test Date:	11/10/2022

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	25.59	25.58	25.54	24.21	24.32	24.44	25.32	25.26	25.26
		1	12	**25.70**	25.68	25.67	24.41	24.57	24.68	**25.40**	25.36	25.37
		1	24	25.59	25.59	25.59	24.43	24.55	**24.70**	25.30	25.29	25.27
		12	0	24.91	24.94	24.83	23.32	23.43	23.45	24.33	24.21	24.21
		12	6	24.95	24.95	24.93	23.38	23.51	23.53	24.36	24.33	24.23
		12	11	24.90	24.92	24.90	23.40	23.53	23.64	24.30	24.28	24.28
		25	0	24.91	24.93	24.91	23.37	23.46	23.54	24.31	24.29	24.21
	16QAM	1	0	25.28	25.25	25.24	23.61	23.75	23.81	24.68	24.66	24.65
		1	12	**25.39**	25.30	25.37	23.85	23.91	23.97	**24.81**	24.72	24.74
		1	24	25.24	25.27	25.32	23.79	24.00	**24.05**	24.62	24.68	24.62
		12	0	23.91	23.92	23.85	22.29	22.48	22.46	23.30	23.31	23.32
		12	6	23.91	23.95	23.96	22.37	22.54	22.56	23.31	23.43	23.37
		12	11	23.90	23.91	23.95	22.38	22.58	22.65	23.27	23.40	23.41
		25	0	23.94	23.98	23.94	22.38	22.53	22.53	23.34	23.34	23.24
	64QAM	1	0	24.04	23.95	23.91	22.30	22.42	22.59	23.37	23.38	23.34
		1	12	**24.06**	24.03	24.03	22.47	22.57	22.78	23.39	23.44	**23.46**
		1	24	24.04	23.99	23.97	22.45	22.63	**22.88**	23.33	23.38	23.35
		12	0	22.93	22.93	22.80	21.32	21.45	21.45	22.31	22.20	22.20
		12	6	22.95	22.93	22.90	21.39	21.51	21.53	22.33	22.32	22.24
		12	11	22.93	22.91	22.90	21.40	21.52	21.63	22.30	22.29	22.28
		25	0	22.91	22.89	22.87	21.35	21.47	21.51	22.29	22.28	22.19
	256QAM	1	0	20.88	21.00	20.83	19.26	19.39	19.43	20.27	20.27	20.28
		1	12	21.00	**21.12**	20.96	19.48	19.57	19.69	20.39	20.36	**20.41**
		1	24	20.96	21.05	20.96	19.49	19.59	**19.83**	20.32	20.31	20.34
		12	0	20.87	20.90	20.77	19.33	19.40	19.45	20.32	20.19	20.19
		12	6	20.93	20.91	20.88	19.38	19.48	19.54	20.33	20.29	20.23
		12	11	20.88	20.87	20.85	19.39	19.51	19.65	20.28	20.24	20.27
		25	0	20.90	20.86	20.84	19.37	19.47	19.52	20.29	20.25	20.19

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		25.68			24.26			**25.40**	
		1	24		**25.70**			24.43			**25.40**	
		1	49		25.67			**24.70**			25.35	
		25	0		25.03			23.37			24.33	
		25	12		25.04			23.50			24.43	
		25	24		25.01			23.57			24.39	
		50	0		25.01			23.52			24.38	
	16QAM	1	0		**25.33**			23.60			**24.75**	
		1	24		25.30			23.72			24.62	
		1	49		25.30			**24.06**			24.69	
		25	0		24.04			22.41			23.35	
		25	12		24.03			22.56			23.41	
		25	24		24.02			22.64			23.38	
		50	0		24.03			22.50			23.40	
	64QAM	1	0		**24.21**			22.54			**23.54**	
		1	24		24.18			22.75			23.52	
		1	49		24.18			**22.95**			23.53	
		25	0		23.02			21.37			22.33	
		25	12		23.05			21.51			22.39	
		25	24		23.01			21.60			22.36	
		50	0		23.00			21.50			22.37	
	256QAM	1	0		21.07			19.30			20.39	
		1	24		**21.17**			19.59			**20.48**	
		1	49		21.05			**19.77**			20.41	
		25	0		20.99			19.37			20.29	
		25	12		21.00			19.48			20.37	
		25	24		20.99			19.61			20.35	
		50	0		20.98			19.60			20.35	

5G NR n14

Test Engineer ID:	12482	Test Date:	11/9/2022

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	23.70	23.66	23.64	22.59	22.70	22.65	23.37	23.39	23.40
		1	1	25.69	25.54	25.69	24.59	24.54	24.60	25.26	25.25	**25.40**
		1	23	**25.70**	25.56	25.57	24.57	24.51	24.51	25.30	25.30	25.29
		1	24	23.70	23.61	23.60	22.70	22.60	22.60	23.40	23.40	23.36
		12	6	25.58	25.66	25.58	**24.66**	24.59	24.57	25.24	25.31	25.35
		25	0	25.32	25.35	25.32	24.36	24.33	24.31	24.97	25.04	24.99
	QPSK	1	0	23.61	23.69	23.70	22.65	22.70	22.70	23.25	23.40	23.21
		1	1	25.61	25.59	**25.69**	24.65	24.55	24.65	25.27	25.33	25.31
		1	23	25.58	25.55	25.52	24.60	24.55	24.52	25.27	25.26	25.23
		1	24	23.70	23.62	23.65	22.69	22.70	22.65	23.40	23.40	23.22
		12	6	25.56	25.64	25.65	24.66	**24.70**	24.61	25.31	**25.34**	25.30
		25	0	24.85	24.91	24.87	23.91	23.92	23.89	24.57	24.60	24.58
	16QAM	1	0	23.70	23.60	23.35	22.69	22.70	22.44	23.20	23.26	23.40
		1	1	**25.16**	24.97	24.78	**24.07**	23.96	23.81	24.57	24.43	**24.78**
		1	23	25.15	24.97	24.65	**24.07**	23.93	23.69	24.58	24.40	24.66
		1	24	23.70	23.57	23.22	22.70	22.59	22.29	23.36	23.19	23.40
		12	6	24.93	24.99	25.02	24.03	23.89	23.93	24.64	24.65	24.61
		25	0	23.84	23.87	23.90	22.95	22.93	22.87	23.53	23.64	23.63
	64QAM	1	0	23.28	**23.53**	23.34	22.39	**22.66**	22.64	23.27	23.13	23.15
		1	1	23.26	23.48	23.37	22.45	22.60	22.65	**23.32**	23.03	23.18
		1	23	23.21	23.40	23.24	22.42	22.58	22.49	23.21	23.00	23.12
		1	24	23.24	23.35	23.22	22.39	22.55	22.46	23.18	22.99	23.05
		12	6	23.46	23.52	23.47	22.60	22.58	22.57	23.20	23.22	23.30
		25	0	23.31	23.37	23.36	22.42	22.36	22.42	23.03	23.13	23.09
	256QAM	1	0	21.30	21.33	21.53	20.23	20.25	20.35	20.98	21.12	21.13
		1	1	21.31	21.23	**21.55**	20.27	20.18	20.36	21.01	21.05	21.13
		1	23	21.36	21.44	21.51	20.37	20.23	20.25	21.08	21.17	21.02
		1	24	21.38	21.45	21.49	20.34	20.22	20.21	21.06	21.13	21.00
		12	6	21.44	21.44	21.41	**20.46**	20.39	20.43	21.10	**21.21**	21.16
		25	0	21.35	21.41	21.35	20.42	20.36	20.41	21.07	21.10	21.10

OUTPUT POWER FOR 5G NR n14 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 1			ANT 2			ANT 3		
				N/A	158600	N/A	N/A	158600	N/A	N/A	158600	N/A
				N/A	793.0	N/A	N/A	793.0	N/A	N/A	793.0	N/A
10.0	BPSK	1	0		23.70			22.70			23.40	
		1	1		**25.66**			24.65			25.39	
		1	50		25.60			24.61			25.33	
		1	51		23.70			22.70			23.40	
		25	12		25.64			**24.66**			**25.40**	
		50	0		25.47			24.49			25.20	
	QPSK	1	0		23.70			22.70			23.40	
		1	1		25.68			24.65			**25.40**	
		1	50		25.57			24.59			25.32	
		1	51		23.70			22.70			23.40	
		25	12		**25.70**			**24.70**			**25.40**	
		50	0		25.00			23.98			24.72	
	16QAM	1	0		23.70			22.70			23.40	
		1	1		**25.18**			**24.10**			**24.75**	
		1	50		25.09			24.04			24.66	
		1	51		23.70			22.70			23.40	
		25	12		24.97			24.03			24.73	
		50	0		24.02			23.02			23.73	
	64QAM	1	0		**23.68**			**22.62**			**23.35**	
		1	1		23.54			22.56			23.21	
		1	50		23.43			22.46			23.09	
		1	51		23.48			22.42			23.12	
		25	12		23.48			22.52			23.22	
		50	0		23.50			22.51			23.23	
	256QAM	1	0		21.62			20.29			21.04	
		1	1		21.49			20.16			20.98	
		1	50		**21.66**			20.22			21.07	
		1	51		21.62			20.18			21.04	
		25	12		21.51			20.51			21.22	
		50	0		21.51			**20.52**			**21.26**	

8.5. LTE BAND 17

Test Engineer ID:	25602	Test Date:	11/10/2022

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	25.52	25.55	25.55	**24.70**	24.54	24.46	25.25	25.25	25.24
		1	12	25.64	**25.70**	25.68	**24.70**	24.64	24.60	**25.40**	25.36	25.37
		1	24	25.53	25.61	25.58	24.56	24.49	24.56	25.27	25.24	25.24
		12	0	24.82	24.86	24.86	23.64	23.52	23.44	24.24	24.18	24.22
		12	6	24.92	24.95	24.96	23.69	23.59	23.58	24.34	24.29	24.24
		12	11	24.91	24.93	24.97	23.61	23.54	23.59	24.28	24.24	24.30
		25	0	24.88	24.94	24.84	23.67	23.56	23.48	24.27	24.26	24.22
	16QAM	1	0	25.24	25.23	25.26	24.04	23.95	23.88	24.58	24.58	24.57
		1	12	25.34	25.33	**25.37**	**24.08**	23.98	23.97	24.69	**24.78**	24.66
		1	24	25.25	25.29	25.28	23.91	23.89	23.94	24.62	24.61	24.57
		12	0	23.87	23.87	23.85	22.71	22.54	22.48	23.24	23.28	23.26
		12	6	23.99	23.98	23.96	22.76	22.63	22.60	23.31	23.38	23.28
		12	11	23.97	23.95	23.94	22.71	22.58	22.59	23.30	23.33	23.32
		25	0	23.94	23.92	23.88	22.69	22.54	22.51	23.31	23.32	23.25
	64QAM	1	0	23.93	23.99	23.89	**22.87**	22.70	22.56	23.35	23.38	23.31
		1	12	24.04	**24.07**	23.94	22.82	22.70	22.66	**23.46**	**23.46**	23.32
		1	24	23.97	24.03	24.00	22.68	22.57	22.66	23.30	23.40	23.24
		12	0	22.83	22.82	22.80	21.69	21.53	21.47	22.21	22.21	22.20
		12	6	22.93	22.93	22.91	21.73	21.61	21.58	22.36	22.33	22.23
		12	11	22.91	22.91	22.91	21.66	21.56	21.60	22.30	22.28	22.28
		25	0	22.89	22.89	22.82	21.69	21.57	21.49	22.29	22.26	22.20
	256QAM	1	0	20.97	20.84	20.85	19.79	19.67	19.64	20.30	20.23	20.23
		1	12	**21.12**	21.06	20.98	**19.81**	19.77	19.79	**20.42**	20.40	20.35
		1	24	21.05	21.03	20.94	19.71	19.66	19.78	20.33	20.35	20.29
		12	0	20.83	20.79	20.81	19.67	19.52	19.48	20.22	20.18	20.20
		12	6	20.91	20.90	20.93	19.72	19.60	19.56	20.32	20.29	20.23
		12	11	20.89	20.86	20.89	19.67	19.55	19.56	20.29	20.25	20.27
		25	0	20.88	20.84	20.81	19.69	19.58	19.48	20.28	20.26	20.16

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	25.63	25.68	25.66	**24.70**	**24.70**	24.68	25.35	25.38	**25.40**
		1	24	25.65	25.69	**25.70**	24.56	24.53	24.55	25.36	25.37	25.36
		1	49	25.68	25.68	25.68	24.46	24.55	24.59	25.34	25.37	25.35
		25	0	24.91	24.93	24.91	23.57	23.57	23.52	24.29	24.31	24.32
		25	12	25.01	25.02	24.95	23.60	23.60	23.50	24.36	24.39	24.42
		25	24	24.99	25.01	25.01	23.54	23.54	23.57	24.35	24.36	24.38
		50	0	25.00	25.01	24.94	23.59	23.59	23.51	24.36	24.37	24.39
	16QAM	1	0	**25.44**	25.36	25.38	**24.10**	24.05	23.96	24.70	24.67	24.68
		1	24	25.36	25.27	25.26	23.82	23.81	23.82	24.59	24.63	24.62
		1	49	**25.44**	25.30	25.33	23.86	23.86	23.93	**24.73**	24.66	24.66
		25	0	23.96	23.93	23.95	22.64	22.57	22.55	23.34	23.31	23.38
		25	12	24.04	24.02	23.98	22.64	22.61	22.52	23.43	23.42	23.46
		25	24	24.02	24.03	24.02	22.58	22.58	22.58	23.40	23.38	23.44
		50	0	24.02	24.03	23.93	22.59	22.61	22.52	23.38	23.37	23.40
	64QAM	1	0	24.12	24.10	**24.22**	**23.00**	22.84	22.80	**23.60**	23.56	23.52
		1	24	24.17	24.15	24.21	22.87	22.75	22.72	23.57	23.51	23.54
		1	49	24.14	24.03	24.15	22.72	22.68	22.74	23.57	23.51	23.50
		25	0	22.90	22.88	22.89	21.60	21.58	21.53	22.29	22.30	22.28
		25	12	22.99	22.96	22.91	21.62	21.61	21.51	22.39	22.37	22.39
		25	24	22.97	22.93	22.96	21.53	21.55	21.56	22.35	22.34	22.36
		50	0	22.98	22.95	22.88	21.61	21.61	21.52	22.37	22.36	22.36
	256QAM	1	0	20.92	20.91	20.95	**19.79**	19.77	19.75	20.36	20.36	20.46
		1	24	21.05	21.03	**21.10**	19.74	19.73	19.77	20.48	20.45	**20.57**
		1	49	20.99	20.98	21.07	19.64	19.65	**19.79**	20.44	20.46	20.46
		25	0	20.87	20.85	20.87	19.62	19.58	19.54	20.29	20.27	20.29
		25	12	20.97	20.96	20.89	19.64	19.62	19.52	20.39	20.38	20.36
		25	24	20.96	20.93	20.94	19.56	19.57	19.58	20.34	20.36	20.35
		50	0	20.95	20.94	20.85	19.60	19.60	19.51	20.34	20.35	20.35

8.6. LTE BAND 25 AND 5G NR n25

LTE BAND 25

Test Engineer ID:	25780	Test Date:	11/10/2022

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	25.63	25.62	25.59	23.26	23.33	23.09	**25.50**	25.32	25.39	22.84	22.73	22.55
		1	2	**25.70**	25.67	25.66	23.32	23.36	23.20	25.47	25.39	25.40	**22.90**	22.74	22.59
		1	5	25.67	25.64	25.61	23.30	23.38	23.18	25.47	25.36	25.38	22.88	22.73	22.57
		3	0	25.66	25.63	25.60	23.30	23.33	23.22	25.40	25.34	25.33	22.88	22.69	22.52
		3	1	25.66	25.62	25.60	23.33	**23.40**	23.24	25.45	25.32	25.35	**22.90**	22.74	22.56
		3	2	25.69	25.64	25.65	23.34	23.38	23.26	25.45	25.34	25.36	**22.90**	22.72	22.59
		6	0	24.96	24.91	24.92	22.32	22.39	22.25	24.52	24.42	24.42	21.90	21.65	21.47
	16QAM	1	0	25.16	25.30	25.35	22.59	22.70	22.54	24.90	24.82	24.84	**22.15**	22.11	21.89
		1	2	25.25	25.29	**25.36**	22.71	**22.77**	22.64	24.89	24.80	24.86	22.12	22.08	21.94
		1	5	25.22	25.32	25.29	22.65	22.75	22.68	**24.91**	24.78	24.86	22.11	22.12	21.95
		3	0	25.12	25.14	25.16	22.67	22.66	22.48	24.71	24.63	24.66	22.05	21.96	21.73
		3	1	25.14	25.19	25.17	22.64	22.67	22.52	24.77	24.69	24.64	22.03	21.97	21.76
		3	2	25.13	25.16	25.18	22.66	22.67	22.53	24.70	24.68	24.65	22.09	21.90	21.79
		6	0	24.05	24.02	24.02	21.53	21.52	21.38	23.62	23.53	23.54	20.93	20.76	20.53
	64QAM	1	0	24.17	24.06	24.05	21.64	21.64	21.41	23.74	23.71	23.76	**21.17**	20.93	20.70
		1	2	**24.20**	24.11	24.06	**21.67**	21.63	21.54	23.74	23.73	**23.78**	21.11	20.94	20.85
		1	5	24.16	24.04	24.04	21.57	21.48	21.41	23.66	23.72	23.69	21.13	20.91	20.68
		3	0	24.06	23.96	23.96	21.54	21.44	21.35	23.64	23.51	23.55	21.01	20.80	20.59
		3	1	24.06	23.96	23.96	21.52	21.42	21.33	23.63	23.52	23.55	21.03	20.83	20.60
		3	2	24.08	23.96	23.97	21.53	21.44	21.35	23.66	23.52	23.55	21.02	20.82	20.66
		6	0	23.01	22.91	22.97	20.46	20.35	20.22	22.52	22.51	22.49	19.97	19.65	19.49
	256QAM	1	0	21.00	20.92	21.04	18.56	18.53	18.22	20.69	20.55	20.51	17.95	17.84	17.66
		1	2	21.03	21.03	21.04	**18.57**	18.49	18.39	**20.72**	20.59	20.64	**18.04**	17.95	17.72
		1	5	21.01	20.93	21.04	18.55	18.37	18.19	20.63	20.51	20.57	17.93	17.90	17.68
		3	0	20.96	20.94	20.93	18.53	18.35	18.20	20.59	20.50	20.48	17.94	17.77	17.53
		3	1	20.99	20.95	20.94	18.54	18.39	18.22	20.61	20.51	20.48	17.97	17.76	17.53
		3	2	20.98	20.96	20.92	18.51	18.36	18.21	20.60	20.51	20.48	17.97	17.74	17.62
		6	0	**21.05**	20.89	20.70	18.47	18.32	18.23	20.59	20.46	20.49	17.91	17.52	17.58

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	25.58	25.51	25.48	23.27	23.12	22.92	25.42	25.28	25.31	22.79	22.66	22.45
		1	7	**25.70**	25.61	25.59	**23.40**	23.26	23.04	**25.50**	25.41	25.44	**22.90**	22.74	22.60
		1	14	25.64	25.55	25.53	23.29	23.14	22.96	25.37	25.36	25.36	22.79	22.64	22.46
		8	0	24.96	24.82	24.79	22.37	22.24	22.05	24.57	24.40	24.42	21.86	21.65	21.49
		8	4	25.00	24.95	24.83	22.41	22.31	22.10	24.61	24.51	24.48	21.92	21.66	21.56
		8	7	25.00	24.94	24.82	22.40	22.29	22.09	24.58	24.53	24.44	21.90	21.66	21.55
		15	0	24.96	24.82	24.80	22.35	22.25	22.10	24.56	24.43	24.42	21.86	21.64	21.50
	16QAM	1	0	25.20	25.17	25.13	22.64	22.58	22.37	24.87	24.71	24.71	22.13	21.94	21.81
		1	7	**25.29**	25.26	25.18	**22.74**	22.71	22.47	**24.98**	24.82	24.80	**22.22**	22.03	21.91
		1	14	25.24	25.17	25.11	22.61	22.52	22.39	24.88	24.76	24.71	22.11	21.96	21.78
		8	0	24.04	23.86	23.86	21.43	21.31	21.22	23.66	23.42	23.50	20.96	20.71	20.52
		8	4	24.08	23.97	23.90	21.50	21.34	21.24	23.71	23.56	23.55	21.00	20.75	20.62
		8	7	24.09	23.99	23.88	21.48	21.35	21.25	23.67	23.55	23.54	21.02	20.72	20.60
		15	0	24.02	23.85	23.83	21.39	21.30	21.16	23.57	23.43	23.47	20.93	20.68	20.57
	64QAM	1	0	24.03	23.97	24.01	21.44	21.41	21.25	23.73	23.69	23.65	21.02	20.90	20.71
		1	7	**24.18**	24.11	24.09	**21.65**	21.55	21.38	**23.82**	23.72	23.69	**21.14**	20.96	20.88
		1	14	24.12	24.09	24.01	21.48	21.42	21.27	23.74	23.62	23.62	21.09	20.84	20.75
		8	0	22.98	22.84	22.83	20.41	20.27	20.14	22.62	22.45	22.46	19.93	19.70	19.53
		8	4	23.01	22.96	22.85	20.43	20.32	20.18	22.67	22.57	22.48	19.95	19.71	19.64
		8	7	23.00	22.95	22.85	20.41	20.30	20.19	22.65	22.55	22.48	19.95	19.72	19.66
		15	0	23.00	22.82	22.82	20.39	20.28	20.11	22.61	22.43	22.45	19.90	19.70	19.55
	256QAM	1	0	21.01	21.02	20.95	18.35	18.28	18.17	20.71	20.50	20.54	17.89	17.77	17.57
		1	7	**21.13**	**21.13**	21.08	**18.50**	18.33	18.28	**20.76**	20.69	20.74	**18.04**	17.99	17.74
		1	14	21.08	20.95	21.05	18.41	18.17	18.02	20.69	20.62	20.57	17.99	17.80	17.66
		8	0	20.96	20.80	20.78	18.35	18.20	18.07	20.56	20.42	20.45	17.93	17.68	17.52
		8	4	20.99	20.91	20.84	18.38	18.26	18.08	20.64	20.54	20.46	17.97	17.73	17.63
		8	7	21.00	20.94	20.82	18.35	18.23	18.11	20.62	20.56	20.44	17.97	17.72	17.59
		15	0	20.94	20.81	20.81	18.32	18.19	18.01	20.60	20.41	20.43	17.93	17.70	17.56

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	25.59	25.48	25.54	23.25	23.14	22.93	25.41	25.28	25.36	22.77	22.58	22.48
		1	12	**25.70**	25.64	25.61	**23.40**	23.31	23.10	**25.50**	25.45	25.46	**22.90**	22.76	22.60
		1	24	25.60	25.57	25.56	23.28	23.13	22.97	25.40	25.32	25.36	22.75	22.62	22.47
		12	0	24.95	24.79	24.87	22.35	22.24	22.02	24.54	24.40	24.44	21.81	21.59	21.42
		12	6	25.02	24.83	24.88	22.39	22.29	22.08	24.56	24.40	24.50	21.87	21.64	21.46
		12	11	24.98	24.88	24.84	22.39	22.24	22.07	24.53	24.47	24.47	21.83	21.68	21.50
		25	0	24.96	24.82	24.86	22.37	22.25	22.07	24.54	24.36	24.45	21.83	21.61	21.42
	16QAM	1	0	25.28	25.18	25.26	22.65	22.59	22.47	24.85	24.81	24.79	22.11	21.99	21.84
		1	12	**25.45**	25.33	25.27	**22.79**	22.71	22.60	**24.97**	24.93	24.89	**22.27**	22.18	21.96
		1	24	25.31	25.27	25.27	22.66	22.59	22.48	24.80	24.79	24.80	22.10	21.99	21.88
		12	0	23.94	23.84	23.85	21.46	21.25	21.17	23.62	23.35	23.60	20.83	20.73	20.39
		12	6	24.01	23.88	23.87	21.50	21.26	21.19	23.68	23.39	23.61	20.88	20.77	20.43
		12	11	23.95	23.93	23.85	21.46	21.24	21.17	23.65	23.47	23.59	20.85	20.81	20.46
		25	0	23.99	23.82	23.86	21.40	21.30	21.16	23.54	23.42	23.49	20.83	20.65	20.46
	64QAM	1	0	24.10	24.01	23.96	21.36	21.27	21.15	23.60	23.63	23.62	20.94	20.78	20.55
		1	12	**24.18**	24.08	24.00	**21.44**	21.36	21.16	**23.71**	23.68	23.61	**21.01**	20.84	20.59
		1	24	24.10	24.07	23.95	21.39	21.20	21.15	23.60	23.60	23.57	20.93	20.79	20.55
		12	0	22.96	22.81	22.88	20.37	20.23	20.10	22.56	22.41	22.50	19.87	19.64	19.46
		12	6	22.99	22.86	22.89	20.40	20.29	20.16	22.61	22.44	22.55	19.92	19.68	19.50
		12	11	22.98	22.91	22.88	20.35	20.22	20.12	22.57	22.48	22.50	19.87	19.71	19.55
		25	0	22.95	22.80	22.89	20.34	20.22	20.09	22.55	22.40	22.47	19.85	19.62	19.45
	256QAM	1	0	20.87	20.84	21.04	18.38	18.35	18.09	20.65	20.49	20.51	17.82	17.70	17.56
		1	12	21.01	20.98	**21.10**	**18.43**	18.40	18.14	**20.74**	20.66	20.59	**17.95**	17.81	17.67
		1	24	20.98	20.96	21.00	18.33	18.17	17.97	20.57	20.56	20.55	17.92	17.76	17.57
		12	0	20.95	20.80	20.85	18.33	18.18	18.02	20.52	20.37	20.49	17.84	17.63	17.48
		12	6	20.98	20.82	20.86	18.33	18.27	18.04	20.58	20.40	20.51	17.89	17.66	17.50
		12	11	20.95	20.90	20.84	18.31	18.19	18.00	20.54	20.45	20.48	17.84	17.71	17.58
		25	0	20.94	20.78	20.83	18.30	18.16	18.02	20.52	20.39	20.49	17.85	17.62	17.46

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	25.61	25.54	25.61	23.34	23.29	23.08	25.45	25.37	25.38	22.82	22.74	22.54
		1	24	**25.70**	25.65	25.64	**23.40**	23.27	23.12	**25.50**	25.41	25.41	**22.90**	22.73	22.56
		1	49	25.62	25.67	25.62	23.34	23.24	23.04	25.45	25.36	25.38	22.82	22.70	22.46
		25	0	24.90	24.84	24.88	22.44	22.35	22.13	24.59	24.43	24.41	21.89	21.67	21.49
		25	12	25.02	24.90	24.89	22.49	22.37	22.19	24.60	24.45	24.46	21.93	21.69	21.58
		25	24	24.99	24.96	24.94	22.48	22.35	22.17	24.58	24.50	24.51	21.89	21.73	21.53
		50	0	24.97	24.87	24.89	22.46	22.36	22.19	24.59	24.42	24.44	21.89	21.67	21.53
	16QAM	1	0	25.26	25.19	25.28	**22.76**	**22.76**	22.50	24.96	24.80	24.85	**22.20**	22.10	21.95
		1	24	25.25	25.20	25.23	22.73	22.64	22.51	24.97	24.81	24.75	22.14	21.97	21.83
		1	49	25.32	25.30	**25.34**	22.71	22.65	22.48	**24.98**	24.87	24.82	22.17	22.05	21.84
		25	0	23.93	23.86	23.87	21.51	21.46	21.31	23.61	23.46	23.45	20.92	20.68	20.54
		25	12	24.02	23.92	23.89	21.54	21.47	21.31	23.63	23.48	23.45	20.95	20.71	20.63
		25	24	24.00	23.97	23.95	21.54	21.45	21.31	23.60	23.51	23.56	20.93	20.74	20.60
		50	0	23.98	23.87	23.87	21.47	21.42	21.27	23.59	23.42	23.43	20.88	20.70	20.57
	64QAM	1	0	24.06	24.11	24.19	21.64	21.59	21.42	23.77	23.69	23.70	21.01	20.97	20.69
		1	24	24.13	24.20	24.19	**21.66**	21.63	21.45	**23.83**	23.77	23.79	**21.08**	20.95	20.73
		1	49	24.11	**24.22**	24.13	21.61	21.52	21.38	23.80	23.70	23.76	21.01	20.92	20.69
		25	0	22.90	22.85	22.87	20.44	20.39	20.21	22.58	22.44	22.43	19.90	19.71	19.47
		25	12	23.00	22.90	22.86	20.47	20.41	20.21	22.63	22.45	22.46	19.95	19.71	19.58
		25	24	22.99	22.97	22.92	20.43	20.36	20.19	22.60	22.52	22.52	19.91	19.75	19.54
		50	0	22.98	22.85	22.84	20.42	20.37	20.20	22.59	22.44	22.42	19.89	19.71	19.58
	256QAM	1	0	20.99	20.94	20.86	18.45	18.42	18.25	20.63	20.48	20.54	17.91	17.81	17.67
		1	24	**21.11**	21.10	21.04	**18.56**	18.48	18.29	**20.74**	20.62	20.72	**18.02**	17.81	17.75
		1	49	21.04	21.09	20.96	18.50	18.30	18.12	20.68	20.56	20.66	17.99	17.78	17.73
		25	0	20.90	20.84	20.84	18.37	18.32	18.14	20.58	20.42	20.42	17.92	17.69	17.55
		25	12	21.02	20.88	20.85	18.41	18.34	18.19	20.60	20.48	20.46	17.94	17.69	17.61
		25	24	20.98	20.92	20.89	18.36	18.27	18.12	20.58	20.51	20.50	17.89	17.72	17.60
		50	0	20.94	20.84	20.80	18.36	18.27	18.11	20.59	20.44	20.43	17.87	17.68	17.56

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	25.67	25.56	25.64	23.33	23.25	23.07	**25.50**	25.45	25.43	**22.90**	22.76	22.61
		1	37	**25.70**	25.63	25.67	23.37	23.31	23.12	**25.50**	25.49	25.47	22.87	22.78	22.59
		1	74	25.66	25.63	25.60	**23.40**	23.19	23.08	**25.50**	25.47	25.43	**22.90**	22.66	22.57
		36	0	24.97	24.90	24.97	22.39	22.39	22.22	24.68	24.56	24.55	21.87	21.78	21.64
		36	16	25.05	24.92	24.94	22.47	22.38	22.23	24.67	24.55	24.55	21.92	21.76	21.60
		36	35	25.01	25.01	25.01	22.44	22.30	22.15	24.66	24.60	24.64	21.92	21.80	21.68
		75	0	25.00	24.89	24.98	22.43	22.39	22.26	24.65	24.55	24.55	21.92	21.73	21.59
	16QAM	1	0	25.15	25.13	25.29	22.66	22.53	22.48	24.91	24.85	24.79	22.10	22.12	21.92
		1	37	25.25	25.28	**25.33**	22.63	22.65	22.55	**24.98**	24.84	24.91	**22.19**	22.03	21.88
		1	74	25.25	25.22	25.13	**22.70**	22.55	22.48	24.96	24.80	24.81	22.17	21.93	21.84
		36	0	23.96	23.92	23.99	21.46	21.46	21.34	23.71	23.58	23.59	20.90	20.81	20.65
		36	16	24.06	23.92	23.98	21.51	21.44	21.34	23.69	23.58	23.60	20.96	20.77	20.64
		36	35	24.04	24.04	24.02	21.49	21.35	21.25	23.67	23.64	23.67	20.94	20.82	20.69
		75	0	24.03	23.92	23.98	21.49	21.41	21.33	23.67	23.55	23.59	20.95	20.79	20.64
	64QAM	1	0	24.16	24.04	24.03	21.63	21.58	21.42	23.88	23.78	23.83	21.12	21.03	20.86
		1	37	**24.18**	24.14	24.09	21.64	21.61	21.45	**23.92**	23.84	23.86	21.11	21.02	20.85
		1	74	24.15	24.10	23.99	**21.68**	21.50	21.35	**23.92**	23.75	23.80	**21.17**	20.95	20.74
		36	0	22.95	22.90	22.95	20.36	20.41	20.23	22.70	22.56	22.55	19.90	19.79	19.64
		36	16	23.01	22.92	22.92	20.45	20.38	20.23	22.67	22.54	22.55	19.93	19.75	19.62
		36	35	23.02	23.00	22.98	20.43	20.30	20.16	22.67	22.62	22.65	19.93	19.81	19.68
		75	0	23.02	22.91	22.92	20.44	20.37	20.28	22.68	22.55	22.58	19.95	19.77	19.60
	256QAM	1	0	20.96	20.78	21.04	18.47	18.44	18.30	20.71	20.66	20.68	18.01	17.93	17.78
		1	37	21.03	20.96	**21.07**	18.55	18.48	18.31	20.79	20.76	20.75	**18.09**	17.94	17.80
		1	74	21.00	21.00	21.05	**18.56**	18.42	18.27	**20.83**	20.77	20.81	18.07	17.89	17.83
		36	0	20.93	20.87	20.94	18.34	18.36	18.19	20.68	20.53	20.54	17.88	17.77	17.63
		36	16	21.01	20.89	20.91	18.40	18.36	18.18	20.66	20.53	20.54	17.94	17.75	17.61
		36	35	20.98	21.01	20.96	18.40	18.25	18.11	20.65	20.60	20.63	17.92	17.81	17.67
		75	0	21.00	20.88	20.94	18.40	18.34	18.17	20.66	20.53	20.56	17.93	17.74	17.63

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	25.66	25.55	25.64	23.33	23.32	23.19	**25.50**	25.39	25.42	**22.90**	22.82	22.66
		1	49	**25.70**	25.63	**25.70**	23.38	23.33	23.17	25.47	25.42	25.43	22.85	22.74	22.63
		1	99	25.59	25.67	25.61	**23.40**	23.27	23.15	25.48	25.42	25.44	22.79	22.66	22.58
		50	0	24.98	24.92	24.98	22.44	22.44	22.33	24.59	24.51	24.52	21.88	21.80	21.67
		50	24	25.07	24.96	25.07	22.51	22.47	22.34	24.67	24.53	24.63	21.95	21.79	21.74
		50	49	24.98	25.02	25.04	22.50	22.34	22.23	24.65	24.57	24.62	21.91	21.79	21.68
		100	0	25.04	24.93	25.07	22.51	22.37	22.35	24.67	24.51	24.60	21.91	21.77	21.73
	16QAM	1	0	25.22	25.15	25.25	22.72	22.66	22.53	24.84	24.73	24.70	22.13	22.05	21.95
		1	49	**25.43**	25.36	25.35	**22.88**	22.81	22.69	25.01	24.86	**25.05**	**22.32**	22.16	22.10
		1	99	25.14	25.28	25.17	22.63	22.57	22.48	24.83	24.71	24.74	22.08	21.89	21.83
		50	0	23.99	23.92	23.98	21.51	21.51	21.40	23.63	23.55	23.53	20.91	20.83	20.67
		50	24	24.07	23.96	24.07	21.56	21.50	21.41	23.67	23.55	23.61	20.96	20.79	20.74
		50	49	24.00	24.03	24.02	21.54	21.40	21.30	23.66	23.61	23.63	20.95	20.83	20.70
		100	0	24.03	23.93	24.08	21.56	21.41	21.40	23.64	23.53	23.64	20.94	20.76	20.75
	64QAM	1	0	24.10	24.05	24.07	21.64	21.46	21.42	23.75	23.70	23.66	21.06	20.99	20.86
		1	49	24.20	24.21	**24.25**	**21.77**	21.59	21.48	**23.93**	23.77	23.82	**21.18**	20.99	21.00
		1	99	24.01	24.12	24.06	21.59	21.45	21.26	23.74	23.64	23.73	20.99	20.86	20.74
		50	0	22.97	22.90	22.96	20.42	20.44	20.27	22.57	22.53	22.51	19.90	19.81	19.68
		50	24	23.06	22.96	23.04	20.52	20.45	20.27	22.62	22.53	22.62	19.95	19.79	19.74
		50	49	22.98	23.03	22.98	20.45	20.31	20.15	22.61	22.58	22.63	19.90	19.79	19.69
		100	0	23.02	22.94	23.04	20.49	20.32	20.29	22.62	22.51	22.64	19.95	19.77	19.78
	256QAM	1	0	21.14	21.07	21.13	18.54	18.50	18.37	20.71	20.65	20.68	18.04	17.97	17.88
		1	49	21.18	21.14	21.15	**18.56**	18.46	18.25	20.72	20.65	20.69	**18.07**	17.83	17.85
		1	99	21.12	**21.23**	21.13	**18.56**	18.37	18.19	20.75	20.75	**20.82**	18.06	17.89	17.85
		50	0	20.96	20.88	20.93	18.38	18.40	18.19	20.53	20.53	20.53	17.88	17.80	17.69
		50	24	21.02	20.92	21.01	18.46	18.39	18.22	20.64	20.53	20.64	17.96	17.77	17.76
		50	49	20.98	21.01	20.99	18.42	18.29	18.09	20.61	20.60	20.63	17.93	17.81	17.70
		100	0	20.98	20.93	21.01	18.44	18.29	18.20	20.62	20.52	20.64	17.94	17.76	17.74

5G NR n25

Test Engineer ID:	50822	Test Date:	11/9/2022

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	25.44	25.45	25.39	23.02	23.14	23.09	25.19	25.28	25.13	22.65	22.57	22.67
		1	1	25.59	25.56	**25.70**	23.19	23.28	**23.35**	25.43	**25.50**	25.32	**22.88**	22.76	22.85
		1	23	25.61	25.66	25.66	23.17	23.24	23.27	25.43	25.49	25.30	22.80	22.78	22.83
		1	24	25.36	25.36	25.43	23.00	23.11	23.06	25.18	25.26	25.14	22.56	22.54	22.62
		12	6	25.51	25.55	25.67	23.10	23.24	23.20	25.34	25.43	25.42	22.81	22.75	22.79
		25	0	25.30	25.32	25.41	22.84	23.00	23.01	25.15	25.23	25.20	22.53	22.52	22.56
	QPSK	1	0	24.82	24.87	24.95	22.45	22.66	22.52	24.66	24.74	24.73	22.11	22.19	22.10
		1	1	25.58	25.67	25.68	23.19	**23.40**	23.23	25.37	**25.49**	25.46	**22.90**	22.86	22.76
		1	23	25.58	25.67	**25.70**	23.17	23.37	23.18	25.39	25.48	25.46	22.88	22.86	22.77
		1	24	24.79	24.91	24.92	22.49	22.61	22.47	24.71	24.75	24.70	22.11	22.12	22.04
		12	6	25.52	25.52	25.55	23.12	23.26	23.25	25.37	25.47	25.41	22.75	22.75	22.81
		25	0	24.82	24.79	24.97	22.40	22.51	22.51	24.67	24.73	24.68	22.08	22.05	22.12
	16QAM	1	0	23.99	23.98	23.58	21.22	21.66	21.83	23.68	23.86	23.61	21.47	21.05	21.11
		1	1	**25.03**	24.96	24.65	22.20	22.68	22.71	24.78	**24.87**	24.67	**22.33**	22.01	22.10
		1	23	**25.03**	24.99	24.63	22.18	**22.74**	22.71	24.58	24.85	24.65	22.28	22.05	22.20
		1	24	23.87	23.95	23.52	21.17	21.65	21.66	23.62	23.85	23.56	21.39	21.10	21.03
		12	6	24.79	24.81	24.88	22.37	22.43	22.39	24.68	24.74	24.59	22.23	21.95	22.10
		25	0	23.75	23.82	23.87	21.48	21.45	21.61	23.64	23.78	23.69	21.08	21.08	21.17
	64QAM	1	0	23.26	**23.47**	23.11	20.78	20.78	20.89	23.08	22.92	22.74	20.45	20.53	20.31
		1	1	23.30	23.43	23.13	20.70	20.74	20.89	23.12	22.96	22.84	20.54	20.54	20.26
		1	23	23.25	23.42	23.13	20.65	20.94	20.88	23.10	22.96	22.79	20.50	20.56	20.38
		1	24	23.18	23.42	23.09	20.67	20.87	20.82	23.08	22.85	22.83	20.44	20.54	20.31
		12	6	23.23	23.35	23.30	20.89	20.91	21.06	23.16	23.10	23.09	20.55	20.53	20.52
		25	0	23.29	23.42	23.40	20.89	20.92	**21.09**	23.16	**23.25**	23.19	20.60	20.56	**20.62**
	256QAM	1	0	21.39	21.25	21.52	19.09	**19.25**	19.22	21.49	21.41	21.40	**18.86**	18.75	18.82
		1	1	21.57	21.27	21.48	19.11	19.12	19.15	21.53	21.48	21.42	18.85	18.79	**18.86**
		1	23	21.49	21.27	**21.58**	19.08	19.18	19.16	21.51	**21.56**	21.43	18.80	18.80	18.84
		1	24	21.56	21.31	21.51	19.05	19.18	19.18	21.53	21.43	21.44	18.76	18.82	18.78
		12	6	21.34	21.40	21.31	18.83	19.07	19.00	21.14	21.17	21.11	18.55	18.40	18.49
		25	0	21.24	21.30	21.32	18.78	19.01	18.97	21.09	21.19	21.23	18.58	18.47	18.61

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	25.16	25.28	25.32	23.10	23.08	23.23	25.14	25.08	25.25	22.48	22.44	22.58
		1	1	25.35	25.52	25.54	23.24	23.29	**23.37**	25.38	25.36	25.40	22.72	22.68	**22.81**
		1	50	25.36	25.55	**25.56**	23.30	23.28	23.33	25.37	25.36	**25.47**	22.65	22.68	22.79
		1	51	25.16	25.25	25.34	23.01	23.10	23.10	25.15	25.14	25.26	22.37	22.46	22.58
		25	12	25.39	25.47	25.54	23.26	23.33	23.35	25.35	25.42	25.44	22.70	22.71	22.75
		50	0	25.26	25.31	25.37	23.10	23.18	23.19	25.18	25.26	25.25	22.54	22.50	22.60
	QPSK	1	0	24.64	24.68	24.94	22.59	22.53	22.64	24.63	24.69	24.75	21.97	22.03	22.15
		1	1	25.34	25.39	25.66	23.38	23.35	23.38	25.34	25.49	25.49	22.69	22.75	**22.90**
		1	50	25.40	25.36	**25.70**	23.37	23.29	23.33	25.29	25.46	25.01	22.60	22.77	22.88
		1	51	24.66	24.71	24.93	22.55	22.48	22.55	24.65	24.68	23.96	21.88	22.05	22.06
		25	12	25.44	25.51	25.57	23.25	23.36	**23.40**	25.39	25.45	**25.50**	22.70	22.75	22.84
		50	0	24.74	24.77	24.88	22.53	22.62	22.64	24.69	24.73	24.75	22.07	22.03	22.13
	16QAM	1	0	23.69	24.11	23.87	21.56	21.55	21.77	23.53	23.74	23.63	21.20	20.76	21.22
		1	1	24.72	25.06	24.79	22.58	22.51	**22.90**	24.57	24.78	24.60	22.13	21.78	**22.24**
		1	50	24.74	**25.21**	24.75	22.55	22.58	22.81	24.60	**24.79**	24.29	22.14	21.81	22.16
		1	51	23.65	24.07	23.78	21.39	21.48	21.84	23.48	23.80	23.35	21.12	20.81	21.14
		25	12	24.72	24.74	24.88	22.57	22.65	22.57	24.63	24.71	24.78	22.09	22.04	22.09
		50	0	23.73	23.72	23.87	21.47	21.64	21.65	23.66	23.73	23.76	20.92	21.04	21.04
	64QAM	1	0	23.02	23.05	23.12	20.99	20.84	21.09	22.97	23.05	22.98	20.47	20.29	20.38
		1	1	23.02	23.08	23.04	20.95	20.87	20.94	23.06	23.02	23.03	20.57	20.24	20.27
		1	50	23.01	23.18	23.03	21.00	20.96	20.97	23.07	23.01	22.99	20.46	20.34	20.29
		1	51	23.03	23.11	23.03	20.96	20.92	21.00	22.91	22.97	22.98	20.26	20.35	20.33
		25	12	23.27	23.39	23.39	21.02	21.17	**21.18**	23.18	**23.27**	**23.27**	20.67	20.61	**20.68**
		50	0	23.25	23.27	**23.43**	20.97	21.12	21.16	23.16	23.21	23.23	20.52	20.57	20.60
	256QAM	1	0	21.26	21.08	**21.50**	19.26	19.32	**19.43**	21.35	21.32	21.17	18.78	18.61	**18.88**
		1	1	21.33	21.02	**21.50**	19.32	19.35	19.33	21.35	21.22	21.19	18.78	18.68	18.76
		1	50	21.27	21.05	21.47	19.38	19.32	19.32	**21.36**	21.33	21.10	18.71	18.64	18.71
		1	51	21.33	20.89	21.44	19.26	19.34	19.21	21.25	21.35	21.19	18.64	18.73	18.78
		25	12	21.21	21.27	21.26	18.94	19.07	19.14	21.08	21.13	21.16	18.45	18.39	18.48
		50	0	21.25	21.30	21.32	19.00	19.09	19.20	21.10	21.18	21.17	18.54	18.46	18.54

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	25.39	25.47	25.46	23.14	23.21	23.09	25.17	25.16	25.21	22.74	22.42	22.53
		1	1	25.61	25.57	**25.66**	23.29	23.34	**23.37**	25.35	25.30	25.41	**22.90**	22.63	22.74
		1	77	25.55	25.62	**25.66**	23.25	23.34	23.23	25.41	25.34	**25.43**	22.80	22.61	22.75
		1	78	25.38	25.42	25.53	23.07	23.13	23.04	25.22	25.21	25.25	22.54	22.41	22.52
		36	18	25.36	25.45	25.45	23.13	23.18	23.25	25.19	25.24	25.30	22.63	22.52	22.61
		75	0	25.23	25.32	25.43	23.05	23.06	23.07	25.08	25.13	24.66	22.51	22.36	22.49
	QPSK	1	0	24.77	24.81	25.01	22.62	22.59	22.63	24.66	24.77	23.18	22.10	22.02	21.95
		1	1	25.52	25.53	25.65	**23.40**	23.33	23.34	25.36	**25.50**	24.30	**22.84**	22.72	22.63
		1	77	25.46	25.55	**25.70**	23.34	23.32	23.32	25.34	25.42	23.17	22.72	22.74	22.65
		1	78	24.75	24.81	24.94	22.59	22.54	22.53	24.64	24.78	22.07	21.98	22.00	21.92
		36	18	25.46	25.43	25.52	23.22	23.25	23.30	25.28	25.32	25.28	22.70	22.57	22.67
		75	0	24.78	24.83	24.87	22.54	22.56	22.61	24.63	24.66	24.67	21.99	21.90	22.00
	16QAM	1	0	24.21	23.82	24.11	21.55	21.35	21.66	23.65	23.96	23.59	21.03	20.99	21.14
		1	1	25.17	24.78	24.98	**22.72**	22.45	22.69	24.70	24.93	24.57	**22.17**	21.93	**22.17**
		1	77	**25.19**	24.80	25.09	22.61	22.32	22.67	24.67	**24.95**	23.99	21.92	22.01	22.15
		1	78	24.15	23.87	24.11	21.54	21.30	21.46	23.67	23.87	23.10	21.01	21.01	21.13
		36	18	24.80	24.86	24.91	22.64	22.64	22.68	24.63	24.65	24.70	22.04	21.92	21.98
		75	0	23.74	23.81	23.95	21.57	21.54	21.63	23.61	23.62	23.66	21.02	20.94	21.00
	64QAM	1	0	23.28	**23.46**	23.19	21.06	20.94	20.87	22.98	22.90	22.97	20.48	20.46	20.37
		1	1	23.24	23.36	23.21	21.05	20.98	20.82	23.02	22.82	22.96	20.35	**20.54**	20.33
		1	77	23.19	23.42	23.14	20.96	20.85	20.79	23.00	22.84	22.94	20.45	20.33	20.32
		1	78	23.15	23.41	23.09	20.98	20.74	20.70	23.03	22.86	22.93	20.32	20.38	20.31
		36	18	23.26	23.26	23.43	21.02	21.07	**21.13**	23.10	23.15	23.14	20.47	20.46	20.51
		75	0	23.23	23.33	23.41	21.05	21.09	21.05	23.09	23.17	**23.21**	20.46	20.44	20.52
	256QAM	1	0	21.44	21.54	21.44	19.11	19.28	19.37	21.33	21.16	21.25	18.70	18.71	18.57
		1	1	21.39	21.47	21.53	19.15	19.28	19.43	21.24	21.17	21.38	18.75	18.71	18.55
		1	77	21.33	**21.64**	21.52	19.03	19.21	19.31	**21.47**	21.25	21.19	18.66	**18.77**	18.44
		1	78	21.33	21.57	21.57	19.14	**19.44**	19.20	21.25	21.24	21.31	18.52	18.74	18.50
		36	18	21.18	21.24	21.38	19.02	18.99	19.07	21.00	21.07	21.14	18.41	18.34	18.43
		75	0	21.18	21.38	21.41	19.01	19.00	19.03	20.99	21.12	21.11	18.41	18.35	18.45

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	25.23	25.28	25.42	23.14	22.95	23.26	24.87	25.22	25.24	22.69	22.55	22.64
		1	1	25.44	25.49	**25.70**	**23.37**	23.24	23.36	25.14	25.34	25.46	**22.90**	22.72	22.73
		1	104	25.47	25.56	25.67	23.32	23.34	23.29	25.14	25.41	**25.50**	22.77	22.74	22.83
		1	105	25.25	25.34	25.46	23.08	23.08	23.15	24.88	25.23	25.24	22.60	22.56	22.59
		50	25	25.41	25.51	25.52	23.26	23.28	23.32	25.06	25.37	25.42	22.77	22.72	22.78
		100	0	25.26	25.29	25.31	23.07	23.09	23.14	24.90	25.20	25.27	22.58	22.54	22.62
	QPSK	1	0	24.68	24.78	24.98	22.55	22.49	22.67	24.36	24.68	23.39	22.15	22.04	21.78
		1	1	25.39	25.48	25.55	23.35	23.21	**23.40**	25.21	25.38	24.54	**22.82**	22.71	22.76
		1	104	25.47	25.55	**25.59**	23.25	23.23	23.25	25.18	**25.44**	23.60	22.68	22.70	21.92
		1	105	24.80	24.84	24.86	22.53	22.51	22.54	24.41	24.62	22.46	21.97	22.01	20.82
		50	25	25.45	25.46	25.51	23.30	23.33	23.38	25.04	25.38	25.39	22.77	22.68	22.70
		100	0	24.69	24.77	24.79	22.55	22.58	22.66	24.34	24.69	24.42	22.07	21.98	22.01
	16QAM	1	0	23.81	23.83	24.22	21.75	21.73	21.89	23.56	23.77	23.50	21.38	21.23	21.01
		1	1	24.77	24.69	**25.10**	**22.82**	22.69	22.74	24.60	**24.85**	24.60	**22.48**	22.32	22.06
		1	104	24.71	24.77	24.98	22.72	22.68	22.72	24.42	24.84	23.75	22.26	22.16	21.89
		1	105	23.79	23.84	24.04	21.69	21.86	21.71	23.54	23.91	22.52	21.28	21.20	20.95
		50	25	24.61	24.71	24.76	22.56	22.55	22.59	24.27	24.67	24.66	22.01	21.95	22.09
		100	0	23.71	23.76	23.76	21.63	21.58	21.59	23.65	23.74	23.73	21.12	21.05	21.13
	64QAM	1	0	23.16	23.10	23.30	**21.18**	20.87	20.58	22.79	23.10	22.97	**20.76**	20.26	20.44
		1	1	23.00	23.12	23.19	21.08	20.95	20.80	22.76	23.19	22.99	20.72	20.24	20.50
		1	104	23.15	23.32	23.14	21.04	21.02	20.63	22.80	**23.28**	23.23	20.53	20.28	20.41
		1	105	23.19	23.21	23.19	21.09	20.95	20.61	22.82	23.27	23.13	20.54	20.32	20.44
		50	25	23.19	23.26	**23.39**	21.06	20.98	21.09	23.13	23.17	23.25	20.58	20.54	20.58
		100	0	23.18	23.24	23.34	21.01	21.01	21.07	23.09	23.15	23.18	20.58	20.49	20.61
	256QAM	1	0	21.43	21.38	21.51	19.08	19.19	19.39	21.31	21.39	**21.51**	18.71	18.64	18.84
		1	1	**21.65**	21.49	21.51	19.20	19.15	**19.40**	21.25	21.38	21.47	18.86	18.69	**18.90**
		1	104	21.32	21.23	21.63	19.07	19.21	19.38	21.24	21.42	21.29	18.73	18.83	18.77
		1	105	21.52	21.33	21.45	19.13	19.18	19.30	21.29	21.38	21.40	18.65	18.71	18.85
		50	25	21.12	21.27	21.29	18.95	18.94	19.00	21.06	21.14	21.14	18.50	18.43	18.48
		100	0	21.17	21.29	21.33	19.02	18.99	19.03	21.09	21.14	21.19	18.52	18.44	18.53

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	25.23	25.36	25.45	23.08	23.03	23.17	25.13	25.08	25.09	22.32	22.29	22.28
		1	1	25.48	25.56	25.57	23.27	23.28	23.17	25.36	25.34	25.31	22.85	22.76	22.74
		1	132	25.45	25.59	**25.63**	23.31	**23.34**	23.30	**25.39**	25.36	25.32	22.75	22.74	**22.87**
		1	131	25.29	25.40	25.50	23.09	23.17	23.07	25.20	25.22	25.14	22.24	22.26	22.33
		64	32	25.48	25.49	25.54	23.22	23.25	23.30	25.30	25.34	25.37	22.77	22.74	22.71
		128	0	25.30	25.32	25.38	23.05	23.06	23.14	25.09	25.13	25.14	22.29	22.27	22.22
	QPSK	1	0	24.79	24.75	24.89	22.60	22.59	22.63	24.67	24.57	24.70	21.90	21.74	21.71
		1	1	25.53	25.51	25.67	23.26	23.36	**23.40**	25.36	25.32	**25.50**	**22.90**	22.70	22.72
		1	132	25.61	25.63	**25.70**	23.36	23.39	23.24	25.46	25.34	25.19	22.81	22.77	22.71
		1	131	24.86	24.97	24.89	22.66	22.62	22.59	24.71	24.62	24.18	21.74	21.75	21.83
		64	32	25.47	25.52	25.61	23.23	23.27	23.36	25.29	25.35	25.35	22.78	22.75	22.72
		128	0	24.78	24.82	24.85	22.52	22.56	22.61	24.61	24.66	24.66	21.76	21.77	21.71
	16QAM	1	0	24.02	23.92	23.91	21.45	21.59	22.09	23.23	23.40	23.43	21.02	20.66	20.87
		1	1	**25.10**	24.92	24.90	22.51	22.66	23.01	24.47	24.47	24.57	**22.05**	21.68	21.97
		1	132	25.06	24.98	24.83	22.53	22.59	**23.06**	24.43	24.42	24.13	21.90	21.66	21.94
		1	131	24.07	23.88	23.95	21.43	21.68	21.92	23.35	23.53	23.00	20.80	20.67	20.85
		64	32	24.72	24.86	24.82	22.50	22.54	22.60	**24.65**	24.59	24.63	21.72	21.69	21.70
		128	0	23.73	23.84	23.85	21.49	21.50	21.59	23.66	23.61	23.65	20.74	20.74	20.71
	64QAM	1	0	23.00	23.23	23.28	20.72	20.95	20.95	23.14	22.95	23.19	20.31	19.88	20.21
		1	1	23.08	23.15	23.29	20.72	20.79	20.88	23.01	22.97	**23.23**	**20.37**	19.94	20.14
		1	132	22.92	23.21	23.21	20.73	20.95	20.79	23.10	23.08	23.03	20.07	19.99	20.18
		1	131	23.05	23.29	**23.38**	20.65	20.97	20.82	23.20	22.98	23.00	20.17	20.05	20.26
		64	32	23.20	23.24	23.32	20.92	20.96	**21.05**	23.08	23.11	23.08	20.22	20.20	20.33
		128	0	23.18	23.23	23.26	20.97	20.98	21.04	23.09	23.10	23.10	20.22	20.21	20.27
	256QAM	1	0	21.41	21.56	**21.62**	19.23	19.11	19.30	21.34	21.43	21.26	18.48	18.61	18.47
		1	1	21.41	21.47	21.54	**19.33**	19.07	19.23	21.19	21.23	21.37	18.34	18.46	18.57
		1	132	21.48	21.46	21.45	19.18	19.28	19.20	21.21	**21.46**	21.18	18.18	**18.71**	18.27
		1	131	21.41	21.52	21.53	19.21	19.25	19.08	21.22	21.37	21.07	18.24	18.57	18.34
		64	32	21.14	21.23	21.35	18.94	18.94	18.96	21.04	21.07	21.08	18.16	18.11	18.23
		128	0	21.18	21.22	21.37	18.98	18.94	18.95	21.06	21.09	21.07	18.22	18.13	18.25

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	25.39	25.31	25.47	23.00	23.08	23.21	25.07	25.04	25.07	22.62	22.60	22.64
		1	1	25.63	25.59	25.67	23.27	23.19	23.30	25.23	25.20	25.25	22.79	22.78	22.80
		1	158	25.67	25.67	**25.70**	23.33	**23.39**	23.31	25.27	**25.36**	25.22	**22.90**	22.80	22.80
		1	159	25.43	25.47	25.47	23.11	23.22	23.19	25.04	25.17	24.99	22.56	22.57	22.54
		80	40	25.60	25.62	25.68	23.18	23.30	23.30	25.14	25.21	25.24	22.76	22.74	22.72
		160	0	25.45	25.44	25.50	23.03	23.14	23.13	24.97	25.04	25.03	22.59	22.57	22.58
	QPSK	1	0	24.80	24.90	24.87	22.48	22.54	22.77	24.52	24.55	24.51	22.22	22.12	22.06
		1	1	25.57	25.67	25.60	23.19	23.24	**23.40**	25.15	25.24	25.22	22.80	22.69	**22.84**
		1	158	25.69	**25.70**	**25.70**	23.22	23.33	23.35	25.18	**25.50**	25.32	22.81	22.81	22.73
		1	159	24.88	25.02	24.96	22.48	22.59	22.57	24.64	24.75	24.62	22.11	22.06	22.04
		80	40	25.61	25.65	25.67	23.17	23.37	23.35	25.16	25.26	25.24	22.78	22.77	22.76
		160	0	24.93	24.96	24.98	22.47	22.54	22.61	24.47	24.53	24.66	22.07	22.04	22.05
	16QAM	1	0	23.66	23.67	24.27	21.47	21.87	21.74	23.35	23.87	23.36	21.11	21.19	21.21
		1	1	24.81	24.60	25.37	22.44	22.70	**22.77**	24.38	**24.81**	24.43	22.18	22.02	22.21
		1	158	24.87	24.61	**25.40**	22.54	22.69	22.72	24.57	24.64	24.24	22.01	**22.23**	21.82
		1	159	23.83	23.46	24.34	21.37	21.69	21.76	23.53	23.78	23.26	20.89	20.96	20.89
		80	40	24.94	24.94	24.96	22.40	22.63	22.58	24.48	24.51	24.61	21.99	22.06	22.04
		160	0	23.89	23.93	23.97	21.46	21.63	21.62	23.55	23.65	23.65	21.11	21.08	21.08
	64QAM	1	0	23.15	23.37	23.35	20.80	20.85	20.88	**23.18**	22.81	23.01	20.28	20.25	20.35
		1	1	23.02	23.31	23.34	20.77	20.95	20.82	23.06	22.86	23.15	20.39	20.12	20.32
		1	158	23.18	**23.57**	23.39	20.81	21.07	20.69	23.05	22.90	22.92	20.42	20.41	20.42
		1	159	23.06	23.47	23.33	20.96	20.86	20.69	23.07	22.98	23.02	20.50	20.44	20.25
		80	40	23.35	23.39	23.43	20.93	21.05	21.12	23.01	23.05	23.08	20.54	20.56	20.50
		160	0	23.38	23.44	23.46	20.97	21.11	**21.19**	23.08	23.14	23.13	20.55	**20.57**	**20.57**
	256QAM	1	0	21.59	21.64	21.74	19.35	19.29	19.54	21.27	21.40	21.35	18.86	18.73	18.90
		1	1	21.58	**21.78**	21.64	19.44	19.01	19.35	21.41	21.39	21.29	**18.93**	18.91	18.86
		1	158	21.63	21.63	21.56	**19.55**	19.39	19.34	21.37	**21.44**	21.26	18.75	18.83	18.71
		1	159	21.49	21.53	21.60	19.41	19.31	19.38	21.29	21.37	21.26	18.84	18.90	18.69
		80	40	21.33	21.37	21.38	18.96	19.07	19.12	20.99	21.05	21.07	18.50	18.47	18.59
		160	0	21.34	21.34	21.43	18.97	19.04	19.11	21.01	21.04	21.11	18.51	18.53	18.59

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	397500	373500	376500	397500	373500	376500	397500	373500	376500	379500
				1867.5	1882.5	1897.5	1867.5	1897.5	1900.0	1867.5	1882.5	1897.5	1867.5	1882.5	1897.5
30.0	BPSK	1	0	25.47	25.63	25.25	22.85	22.73	22.63	25.02	24.94	25.01	22.39	22.34	22.35
		1	1	**25.70**	25.64	25.58	**23.32**	23.23	23.24	25.36	25.33	25.26	22.86	**22.89**	22.67
		1	158	25.52	25.47	25.46	23.26	22.96	23.08	25.30	25.48	**25.50**	22.80	22.82	22.62
		1	159	25.34	25.42	25.10	22.55	22.71	22.49	25.11	25.07	25.10	22.30	22.35	22.42
		80	40	25.52	25.59	25.41	23.22	23.24	23.12	25.27	25.31	25.31	22.68	22.75	22.74
		160	0	25.44	25.44	25.29	22.70	22.68	22.64	25.02	24.97	25.02	22.28	22.28	22.28
	QPSK	1	0	24.81	25.04	24.76	22.31	22.10	21.96	24.44	24.46	24.41	21.82	21.75	21.68
		1	1	25.60	25.59	**25.65**	23.23	23.04	**23.40**	25.25	25.07	25.31	21.82	22.67	21.75
		1	158	25.62	25.57	25.26	23.09	23.21	22.98	25.42	25.16	**25.48**	22.68	22.78	22.76
		1	159	24.85	24.70	24.66	22.22	21.94	22.02	24.25	24.47	24.60	21.75	21.77	21.72
		80	40	25.53	25.62	25.58	23.24	23.32	23.11	25.27	25.30	25.38	22.73	22.73	**22.90**
		160	0	24.94	24.90	24.90	22.22	22.18	22.18	24.40	24.46	24.45	21.76	21.78	21.80
	16QAM	1	0	24.22	23.69	23.84	21.04	21.49	21.39	23.34	23.51	23.90	20.75	20.59	20.80
		1	1	**25.28**	24.80	24.73	**22.42**	22.09	22.28	24.56	24.20	24.64	21.57	21.57	21.86
		1	158	25.18	24.61	24.48	22.19	21.99	22.07	24.08	24.51	**25.01**	21.32	21.62	**22.08**
		1	159	24.13	23.64	23.84	21.20	21.11	21.15	23.36	23.52	23.86	20.38	20.57	21.05
		80	40	24.89	24.91	24.83	22.24	22.26	22.03	24.38	24.38	24.35	21.73	21.78	21.82
		160	0	23.91	23.95	23.89	21.19	21.24	21.00	23.51	23.48	23.56	20.83	20.76	20.79
	64QAM	1	0	23.30	23.27	23.00	20.72	20.59	20.90	23.00	**23.51**	22.70	**20.60**	20.45	20.25
		1	1	23.35	22.91	23.57	20.68	20.56	**20.96**	22.90	23.37	22.78	20.03	20.06	19.85
		1	158	23.31	22.88	22.90	20.60	20.39	20.53	22.62	22.97	22.98	20.00	20.59	20.14
		1	159	**23.58**	22.90	23.03	20.75	20.78	20.45	22.86	23.29	22.74	20.08	20.29	20.35
		80	40	23.37	23.44	23.32	20.68	20.76	20.63	22.82	22.91	22.98	20.27	20.33	20.29
		160	0	23.43	23.40	23.37	20.73	20.69	20.64	23.04	22.95	23.06	20.34	20.27	20.27
	256QAM	1	0	21.36	21.53	21.30	**19.13**	18.62	18.57	20.98	21.11	21.05	**18.76**	18.08	18.57
		1	1	21.52	**21.67**	21.57	19.10	18.33	19.06	20.78	21.04	20.61	18.47	18.27	18.13
		1	158	21.31	21.49	21.26	18.88	18.75	18.43	21.14	21.17	20.98	18.42	18.22	18.10
		1	159	21.28	21.65	21.32	18.90	18.43	18.53	20.79	**21.44**	20.88	18.55	18.38	18.07
		80	40	21.37	21.37	21.27	18.63	18.71	18.57	20.92	20.82	20.89	18.20	18.14	18.25
		160	0	21.40	21.40	21.40	18.70	18.73	18.58	20.95	20.90	20.97	18.26	18.30	18.28

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	25.39	25.35	25.40	23.03	23.06	23.13	25.11	25.19	25.13	22.65	22.57	22.62
		1	1	25.54	25.54	25.63	23.27	23.24	23.28	25.23	25.35	25.47	22.89	22.69	22.77
		1	214	25.68	**25.70**	25.68	**23.40**	23.38	23.36	25.40	**25.50**	25.39	**22.90**	22.79	22.88
		1	215	25.45	25.42	25.41	23.16	23.17	23.19	25.14	25.29	25.18	22.71	22.48	22.68
		108	54	25.53	25.56	25.58	23.17	23.27	23.26	25.36	25.28	25.33	22.65	22.79	22.77
		216	0	25.11	25.11	25.47	23.02	22.91	23.15	25.15	24.79	25.22	21.59	22.06	22.65
	QPSK	1	0	22.72	22.70	24.94	21.62	20.40	22.62	24.70	22.07	24.79	19.82	19.81	21.96
		1	1	23.94	23.80	25.62	22.68	21.69	23.24	**25.48**	23.37	25.47	20.92	20.88	22.75
		1	214	22.91	23.01	25.23	21.80	20.78	22.86	24.54	22.42	24.82	20.04	20.19	21.99
		1	215	21.82	21.82	24.28	20.66	19.53	21.94	23.49	21.31	23.68	18.86	19.00	20.94
		108	54	25.58	25.59	**25.65**	23.24	**23.35**	23.32	25.43	25.33	25.39	22.74	22.74	**22.83**
		216	0	24.93	24.94	24.95	22.52	22.49	22.65	24.64	24.65	24.69	22.06	22.06	22.14
	16QAM	1	0	23.69	23.60	23.91	21.43	22.02	21.71	23.25	23.83	23.76	21.32	21.58	21.05
		1	1	24.73	24.63	24.98	22.32	**22.86**	22.54	24.41	24.72	24.69	22.34	22.24	21.99
		1	214	24.70	24.71	**25.01**	22.41	22.85	22.70	24.16	**24.76**	24.38	22.35	**22.41**	22.05
		1	215	23.59	23.87	23.97	21.27	22.04	21.64	23.17	23.76	23.34	21.30	21.56	21.07
		108	54	24.89	24.85	24.96	22.51	22.59	22.56	24.75	24.69	24.65	22.05	22.03	22.05
		216	0	23.93	23.92	23.97	21.53	21.59	21.62	23.76	23.66	23.83	21.08	21.12	21.08
	64QAM	1	0	23.06	23.32	22.98	20.68	20.74	20.86	23.07	23.00	23.16	20.56	20.33	20.61
		1	1	22.99	23.38	22.96	20.64	20.61	20.77	22.94	23.00	23.05	**20.70**	20.34	20.50
		1	214	23.07	23.41	23.27	20.88	20.79	20.67	23.07	23.04	22.96	20.28	20.32	20.37
		1	215	23.09	23.36	23.31	20.77	20.73	20.74	22.83	23.22	22.98	20.55	20.31	20.38
		108	54	23.33	23.37	23.36	20.91	21.07	21.04	23.17	23.19	23.21	20.51	20.58	20.55
		216	0	23.35	23.36	**23.44**	21.01	**21.09**	21.07	23.21	23.16	**23.23**	20.54	20.60	20.58
	256QAM	1	0	21.54	21.30	21.72	19.29	19.27	19.36	21.49	21.23	21.47	18.83	18.95	18.84
		1	1	21.67	21.38	21.75	19.36	19.11	19.30	21.25	21.31	21.51	18.68	18.84	18.70
		1	214	21.75	21.48	21.73	19.28	19.32	19.25	**21.58**	21.30	21.53	18.83	**19.04**	18.83
		1	215	21.64	21.65	**21.78**	19.33	**19.39**	19.22	21.49	21.26	21.36	18.76	**19.04**	18.80
		108	54	21.24	21.31	21.30	18.89	18.99	19.06	21.15	21.14	21.15	18.49	18.50	18.50
		216	0	21.30	21.34	21.37	18.96	19.07	19.15	21.21	21.18	21.24	18.57	18.58	18.58

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

LTE BAND 26

Test Engineer ID:	25780	Test Date:	11/14/2022

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	25.56	25.68	25.61	24.57	24.59	24.57	25.26	25.31	25.38
		1	2	**25.70**	25.69	25.67	24.67	**24.70**	24.68	25.38	25.36	**25.40**
		1	5	25.66	25.65	25.65	24.65	24.66	24.66	25.36	**25.40**	25.38
		3	0	25.65	25.63	25.62	24.62	24.66	24.64	25.36	25.30	25.35
		3	1	25.67	25.66	25.62	24.63	24.64	24.66	25.37	25.39	25.36
		3	2	25.67	25.64	25.61	24.63	24.66	24.65	25.38	25.38	25.38
		6	0	24.95	24.92	24.92	23.61	23.64	23.64	24.35	24.38	24.36
	16QAM	1	0	25.02	25.25	25.22	23.86	23.85	23.84	24.45	24.61	24.64
		1	2	25.19	**25.28**	25.26	23.96	**23.99**	23.96	24.54	24.63	**24.69**
		1	5	25.16	25.24	25.23	23.90	23.94	23.97	24.53	24.67	24.68
		3	0	25.13	25.09	25.10	23.81	23.84	23.83	24.48	24.47	24.50
		3	1	25.11	25.09	25.10	23.80	23.84	23.81	24.46	24.55	24.50
		3	2	25.10	25.09	25.07	23.81	23.83	23.84	24.47	24.53	24.52
		6	0	23.98	24.04	24.01	22.71	22.72	22.69	23.40	23.48	23.42
	64QAM	1	0	24.05	24.13	24.18	22.66	22.70	22.76	23.51	23.56	23.50
		1	2	24.19	24.09	**24.20**	**22.97**	22.94	22.87	23.65	23.51	23.50
		1	5	24.12	24.11	24.12	22.78	22.78	22.83	23.59	**23.66**	23.47
		3	0	24.05	24.05	24.01	22.73	22.69	22.70	23.42	23.37	23.45
		3	1	24.07	24.08	24.01	22.75	22.71	22.73	23.42	23.45	23.47
		3	2	24.06	24.06	24.01	22.76	22.71	22.72	23.44	23.47	23.48
		6	0	22.99	22.98	22.92	21.65	21.66	21.69	22.36	22.41	22.42
	256QAM	1	0	20.87	21.11	21.04	19.61	19.60	19.68	20.27	20.42	20.49
		1	2	20.95	21.10	**21.12**	19.72	**19.88**	19.71	20.40	20.48	**20.50**
		1	5	20.99	21.01	21.07	19.68	19.69	19.71	20.42	20.49	20.48
		3	0	20.94	21.02	20.93	19.69	19.68	19.69	20.36	20.34	20.40
		3	1	20.93	21.02	20.91	19.67	19.69	19.70	20.37	20.42	20.39
		3	2	20.94	21.04	20.94	19.68	19.68	19.70	20.37	20.39	20.42
		6	0	20.96	21.01	21.02	19.59	19.72	19.70	20.44	20.36	20.15

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	25.57	25.57	25.57	24.57	24.57	24.57	25.22	25.28	25.23
		1	7	25.69	**25.70**	25.67	24.69	**24.70**	24.65	25.33	**25.40**	25.38
		1	14	25.57	25.59	25.56	24.56	24.57	24.59	25.24	25.29	25.27
		8	0	24.88	24.96	24.91	23.65	23.56	23.56	24.32	24.28	24.34
		8	4	25.00	24.96	24.97	23.67	23.68	23.65	24.34	24.39	24.39
		8	7	24.97	24.96	24.96	23.65	23.68	23.65	24.34	24.39	24.36
		15	0	24.93	24.93	24.94	23.62	23.63	23.64	24.30	24.34	24.33
	16QAM	1	0	25.19	25.19	25.15	23.87	23.90	23.86	24.52	24.59	24.65
		1	7	**25.30**	25.28	**25.30**	23.95	**23.98**	23.96	24.61	24.69	**24.77**
		1	14	25.22	25.17	25.16	23.91	23.88	23.87	24.53	24.55	24.67
		8	0	23.94	24.01	24.01	22.68	22.64	22.63	23.41	23.30	23.41
		8	4	24.08	24.03	24.04	22.73	22.78	22.75	23.42	23.44	23.44
		8	7	24.04	24.02	24.02	22.72	22.77	22.73	23.40	23.43	23.44
		15	0	23.97	23.95	23.96	22.65	22.69	22.68	23.31	23.39	23.40
	64QAM	1	0	24.06	24.16	24.13	22.74	22.77	22.83	23.50	23.53	23.40
		1	7	24.17	**24.24**	24.19	22.80	**22.88**	**22.88**	23.55	23.53	**23.58**
		1	14	24.09	24.12	24.11	22.76	22.81	22.81	23.50	23.46	23.52
		8	0	22.95	22.98	22.96	21.67	21.63	21.61	22.34	22.26	22.32
		8	4	23.06	23.03	23.00	21.72	21.74	21.72	22.38	22.37	22.39
		8	7	23.06	23.04	23.00	21.70	21.75	21.72	22.38	22.38	22.38
		15	0	22.97	22.98	22.94	21.65	21.66	21.64	22.30	22.34	22.31
	256QAM	1	0	20.91	20.91	20.91	19.69	19.60	19.63	20.27	20.41	20.34
		1	7	**21.08**	21.06	21.07	**19.89**	19.82	19.79	20.47	**20.54**	20.47
		1	14	20.99	20.98	21.05	19.72	19.73	19.63	20.33	20.44	20.37
		8	0	20.91	20.96	20.95	19.63	19.61	19.57	20.31	20.26	20.30
		8	4	21.02	20.99	20.98	19.70	19.71	19.66	20.34	20.37	20.36
		8	7	21.03	20.97	20.97	19.69	19.70	19.68	20.37	20.36	20.35
		15	0	20.96	20.94	20.92	19.64	19.67	19.61	20.31	20.33	20.30

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	25.60	25.57	24.55	24.60	24.58	25.28	25.30	25.22
		1	12	25.67	25.68	**25.70**	**24.70**	24.68	24.67	**25.40**	**25.40**	25.38
		1	24	25.58	25.59	25.57	24.58	24.63	24.60	25.29	25.31	25.30
		12	0	24.82	24.90	24.82	23.54	23.56	23.53	24.22	24.25	24.24
		12	6	24.96	24.92	24.94	23.64	23.64	23.62	24.32	24.36	24.38
		12	11	24.89	24.93	24.90	23.61	23.63	23.61	24.29	24.35	24.35
		25	0	24.93	24.91	24.89	23.61	23.63	23.61	24.29	24.33	24.32
	16QAM	1	0	25.23	25.23	25.20	23.87	23.93	23.95	24.63	24.67	24.58
		1	12	25.30	25.31	**25.40**	23.98	24.02	**24.04**	24.75	**24.78**	24.74
		1	24	25.26	25.29	25.23	23.90	23.96	23.96	24.58	24.67	24.65
		12	0	23.83	24.01	23.92	22.58	22.54	22.56	23.18	23.29	23.23
		12	6	23.95	24.06	24.03	22.70	22.66	22.67	23.29	23.39	23.36
		12	11	23.89	23.99	24.00	22.67	22.63	22.63	23.25	23.39	23.33
		25	0	23.94	23.94	23.92	22.65	22.64	22.68	23.34	23.34	23.36
	64QAM	1	0	23.94	24.03	24.01	22.65	22.66	22.68	23.34	23.39	23.32
		1	12	24.04	24.02	**24.06**	22.74	**22.77**	22.76	23.40	**23.47**	23.45
		1	24	23.94	24.00	24.03	22.71	22.71	22.68	23.36	23.46	23.40
		12	0	22.87	22.93	22.84	21.55	21.56	21.53	22.25	22.25	22.25
		12	6	22.97	22.95	22.96	21.68	21.67	21.68	22.33	22.37	22.36
		12	11	22.95	22.93	22.93	21.65	21.64	21.66	22.33	22.34	22.33
		25	0	22.91	22.92	22.92	21.63	21.62	21.62	22.29	22.33	22.30
	256QAM	1	0	20.87	20.97	20.99	19.67	19.69	19.70	20.39	20.27	20.32
		1	12	21.02	21.09	**21.12**	19.79	**19.83**	**19.83**	20.48	20.46	**20.49**
		1	24	20.94	21.04	21.05	19.73	19.74	19.76	20.42	20.32	20.47
		12	0	20.83	20.90	20.83	19.54	19.56	19.56	20.22	20.22	20.20
		12	6	20.95	20.94	20.95	19.66	19.67	19.65	20.33	20.35	20.33
		12	11	20.91	20.93	20.91	19.66	19.64	19.63	20.29	20.29	20.29
		25	0	20.90	20.92	20.93	19.63	19.63	19.61	20.29	20.32	20.29

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		25.67			24.68			25.28	
		1	24		**25.70**			**24.70**			**25.30**	
		1	49		25.64			24.67			25.29	
		25	0		24.90			23.63			24.26	
		25	12		25.02			23.75			24.37	
		25	24		24.98			23.72			24.35	
		50	0		24.99			23.73			24.34	
	16QAM	1	0		**25.33**			23.99			**24.64**	
		1	24		25.27			24.00			24.53	
		1	49		25.25			**24.03**			24.61	
		25	0		23.95			22.66			23.26	
		25	12		24.03			22.75			23.35	
		25	24		24.02			22.76			23.33	
		50	0		24.01			22.72			23.35	
	64QAM	1	0		24.15			22.85			23.50	
		1	24		**24.18**			**22.92**			**23.52**	
		1	49		24.14			22.82			23.41	
		25	0		22.93			21.65			22.23	
		25	12		23.01			21.78			22.37	
		25	24		22.99			21.75			22.33	
		50	0		23.01			21.74			22.34	
	256QAM	1	0		21.01			19.75			20.27	
		1	24		**21.09**			**19.89**			20.39	
		1	49		21.02			19.85			**20.40**	
		25	0		20.90			19.65			20.25	
		25	12		21.02			19.74			20.36	
		25	24		20.98			19.73			20.33	
		50	0		21.00			19.73			20.32	

5G NR n26

Test Engineer ID:	50822	Test Date:	11/15/2022

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	24.20	24.15	24.19	23.20	23.14	23.05	23.87	25.01	23.90
		1	1	25.60	25.55	25.61	**24.70**	24.63	24.57	25.29	25.27	25.27
		1	23	25.57	25.53	25.60	24.64	24.56	24.53	25.25	**25.31**	25.27
		1	24	24.09	24.07	24.20	23.20	23.12	23.19	23.87	25.09	23.90
		12	6	**25.64**	25.57	25.55	24.63	24.60	24.50	25.21	**25.31**	25.25
		25	0	25.33	25.32	25.30	24.37	24.33	24.27	24.99	25.09	25.02
	QPSK	1	0	24.08	24.20	24.04	23.18	23.20	23.08	23.77	24.60	23.90
		1	1	25.63	**25.70**	25.63	24.55	24.54	24.55	25.26	25.34	25.37
		1	23	25.58	25.63	25.69	24.50	24.55	24.50	25.21	**25.40**	25.34
		1	24	24.03	24.20	24.16	23.11	23.13	23.20	23.72	24.68	23.90
		12	6	25.59	25.56	25.54	**24.64**	24.55	24.56	25.23	25.31	25.31
		25	0	24.90	24.84	24.87	23.89	23.85	23.78	24.51	24.62	24.55
	16QAM	1	0	23.87	23.91	24.03	23.03	23.03	23.11	23.68	23.72	23.57
		1	1	24.86	24.88	**25.06**	24.08	24.07	**24.09**	24.67	24.72	24.59
		1	23	24.81	24.87	25.03	24.06	23.91	24.01	24.56	**24.78**	24.52
		1	24	23.80	23.89	23.98	22.95	22.90	23.09	23.57	23.71	23.56
		12	6	24.77	24.82	24.86	23.90	23.91	23.82	24.41	24.61	24.54
		25	0	23.88	23.83	23.82	22.92	22.87	22.78	23.57	23.63	23.54
	64QAM	1	0	23.36	23.13	23.05	22.13	22.26	22.15	22.89	22.84	22.81
		1	1	23.24	23.13	23.02	22.18	22.26	22.24	22.93	22.77	22.78
		1	23	23.21	23.06	23.15	22.08	22.13	22.12	22.89	22.91	22.70
		1	24	23.17	23.05	23.12	22.07	22.14	22.18	22.78	22.87	22.75
		12	6	23.29	23.31	23.33	22.37	22.28	22.31	23.07	23.05	23.05
		25	0	**23.39**	23.36	23.32	**22.46**	22.40	22.35	22.99	**23.14**	23.09
	256QAM	1	0	21.48	21.36	21.56	**20.65**	20.47	20.49	21.37	21.37	21.09
		1	1	21.48	21.29	21.54	20.64	20.44	20.53	**21.45**	21.38	21.12
		1	23	21.43	21.33	**21.62**	20.60	20.45	20.41	21.31	21.36	21.06
		1	24	21.46	21.32	21.61	20.50	20.49	20.56	**21.45**	21.43	21.08
		12	6	21.39	21.32	21.32	20.26	20.39	20.24	21.06	21.17	21.04
		25	0	21.33	21.29	21.22	20.36	20.28	20.17	21.01	21.01	20.99

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		25.42			24.54			25.17	
		1	1		**25.69**			**24.70**			**25.40**	
		1	50		25.64			24.56			25.37	
		1	51		25.45			24.30			25.19	
		25	12		25.59			24.56			25.34	
		50	0		25.46			24.40			25.21	
	QPSK	1	0		24.96			23.94			24.70	
		1	1		**25.70**			**24.65**			**25.40**	
		1	50		25.60			24.48			25.34	
		1	51		24.95			23.82			24.65	
		25	12		25.66			24.60			25.36	
		50	0		24.94			23.88			24.68	
	16QAM	1	0		23.74			22.65			23.97	
		1	1		24.82			23.73			**24.92**	
		1	50		24.75			23.62			24.89	
		1	51		23.70			22.59			23.86	
		25	12		**24.92**			**23.82**			24.64	
		50	0		23.95			22.83			23.69	
	64QAM	1	0		23.34			22.12			23.02	
		1	1		23.31			22.10			23.03	
		1	50		23.30			22.05			22.94	
		1	51		23.30			21.90			23.00	
		25	12		**23.46**			22.34			**23.25**	
		50	0		**23.46**			**22.40**			23.19	
	256QAM	1	0		21.72			20.55			21.36	
		1	1		**21.81**			**20.66**			**21.43**	
		1	50		21.80			20.47			21.42	
		1	51		21.71			20.40			21.42	
		25	12		21.36			20.27			21.06	
		50	0		21.34			20.32			21.13	

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

LTE BAND 26

Test Engineer ID:	25780	Test Date:	11/14/2022

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	25.56	25.60	25.58	24.41	24.67	24.66	25.28	25.27	25.18
		1	2	25.57	25.62	**25.70**	24.50	24.68	**24.70**	**25.40**	25.30	25.21
		1	5	25.55	25.59	25.68	24.46	24.69	24.66	25.35	25.26	25.19
		3	0	25.58	25.60	25.64	24.48	24.69	24.69	25.36	25.27	25.18
		3	1	25.57	25.59	25.68	24.49	**24.70**	24.66	25.37	25.25	25.18
		3	2	25.57	25.60	25.65	24.48	**24.70**	24.65	25.37	25.25	25.18
		6	0	24.84	24.88	24.95	23.44	23.68	23.63	24.33	24.24	24.16
	16QAM	1	0	25.04	25.18	25.18	23.49	23.78	23.79	24.51	**24.59**	24.46
		1	2	25.05	25.24	**25.33**	23.70	23.78	**23.84**	24.55	24.52	24.51
		1	5	25.06	25.20	25.21	23.64	23.81	23.79	24.53	24.57	24.43
		3	0	25.03	25.05	25.11	23.55	23.78	23.77	24.45	24.39	24.34
		3	1	25.07	25.06	25.12	23.52	23.77	23.77	24.49	24.43	24.34
		3	2	25.06	25.05	25.11	23.53	23.80	23.80	24.49	24.44	24.33
		6	0	23.95	23.98	24.02	22.48	22.63	22.71	23.42	23.36	23.26
	64QAM	1	0	23.99	24.02	24.00	22.53	22.84	22.84	23.41	23.41	23.34
		1	2	24.04	24.05	**24.14**	22.66	**22.92**	22.87	**23.54**	23.50	23.38
		1	5	23.99	24.05	24.05	22.59	22.89	22.82	23.48	23.44	23.28
		3	0	23.95	24.02	24.06	22.57	22.79	22.71	23.41	23.31	23.23
		3	1	23.96	24.01	24.05	22.56	22.84	22.70	23.42	23.33	23.30
		3	2	23.96	24.01	24.05	22.57	22.81	22.71	23.42	23.34	23.30
		6	0	22.82	22.94	22.89	21.44	21.69	21.66	22.34	22.25	22.16
	256QAM	1	0	20.95	21.01	20.94	19.59	19.75	19.77	20.36	20.29	20.32
		1	2	21.05	21.05	**21.14**	19.67	**19.84**	19.80	**20.43**	20.30	20.26
		1	5	20.97	21.02	21.01	19.56	19.75	19.81	20.35	20.29	20.29
		3	0	20.94	20.96	21.01	19.59	19.74	19.69	20.39	20.29	20.24
		3	1	20.91	20.93	21.02	19.61	19.78	19.69	20.39	20.31	20.25
		3	2	20.92	20.95	21.00	19.60	19.78	19.69	20.39	20.26	20.24
		6	0	20.92	20.95	20.91	19.46	19.68	19.69	20.36	20.20	20.04

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	25.57	25.55	24.36	24.55	24.68	25.33	25.21	25.13
		1	7	**25.70**	25.65	25.62	24.44	**24.70**	**24.70**	**25.40**	25.31	25.25
		1	14	25.61	25.56	25.48	24.37	24.65	24.57	25.30	25.20	25.12
		8	0	24.96	24.86	24.93	23.37	23.57	23.71	24.38	24.19	24.21
		8	4	24.99	24.94	24.92	23.48	23.70	23.69	24.39	24.22	24.21
		8	7	24.98	24.93	24.92	23.47	23.69	23.67	24.38	24.28	24.21
		15	0	24.94	24.91	24.87	23.45	23.65	23.65	24.38	24.27	24.18
	16QAM	1	0	25.22	25.17	25.24	23.52	23.71	23.84	24.64	24.49	24.45
		1	7	25.29	25.24	**25.35**	23.61	23.88	**23.89**	**24.69**	24.61	24.52
		1	14	25.19	25.17	25.23	23.44	23.82	23.73	24.61	24.48	24.44
		8	0	24.02	23.92	23.98	22.40	22.58	22.71	23.48	23.24	23.22
		8	4	24.04	24.04	24.01	22.54	22.73	22.74	23.49	23.26	23.27
		8	7	24.05	24.04	24.02	22.54	22.72	22.72	23.50	23.33	23.27
		15	0	23.96	23.94	23.90	22.47	22.65	22.69	23.38	23.29	23.25
	64QAM	1	0	24.20	24.15	24.10	22.64	23.72	22.93	23.52	23.35	23.43
		1	7	**24.24**	24.23	24.14	22.64	**23.89**	22.85	**23.53**	23.46	23.46
		1	14	24.17	24.16	24.04	22.54	23.84	22.72	23.48	23.33	23.35
		8	0	23.01	22.88	22.87	21.43	22.61	21.74	22.42	22.21	22.19
		8	4	23.03	22.98	22.92	21.54	22.74	21.75	22.43	22.26	22.22
		8	7	23.03	22.98	22.90	21.55	22.74	21.74	22.43	22.33	22.21
		15	0	22.99	22.93	22.91	21.50	22.68	21.66	22.36	22.30	22.18
	256QAM	1	0	20.92	20.88	20.99	19.56	19.57	**19.87**	20.45	20.26	20.20
		1	7	**21.11**	21.07	21.04	19.64	19.83	19.79	**20.53**	20.44	20.29
		1	14	21.01	20.93	20.94	19.66	19.81	19.82	20.44	20.27	20.20
		8	0	21.00	20.84	20.91	19.43	19.61	19.72	20.34	20.18	20.21
		8	4	21.01	20.96	20.94	19.56	19.72	19.75	20.39	20.23	20.23
		8	7	21.01	20.96	20.96	19.53	19.74	19.71	20.39	20.28	20.22
		15	0	20.99	20.91	20.87	19.48	19.66	19.69	20.36	20.26	20.17

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	25.58	25.51	25.52	24.35	24.48	24.66	25.32	25.22	25.15
		1	12	**25.70**	25.64	25.63	24.46	24.67	**24.70**	**25.40**	25.35	25.29
		1	24	25.60	25.51	25.51	24.38	24.62	24.54	25.32	25.24	25.15
		12	0	24.84	24.76	24.75	23.28	23.49	23.58	24.28	24.18	24.11
		12	6	24.92	24.84	24.86	23.38	23.63	23.68	24.40	24.20	24.20
		12	11	24.90	24.83	24.84	23.39	23.64	23.62	24.36	24.22	24.17
		25	0	24.89	24.83	24.75	23.37	23.60	23.55	24.35	24.22	24.11
	16QAM	1	0	25.24	25.18	25.16	23.56	23.71	23.83	24.71	24.56	24.50
		1	12	**25.31**	25.22	25.25	23.65	23.85	**23.91**	**24.79**	24.76	24.61
		1	24	25.20	25.16	25.17	23.60	23.79	23.76	24.62	24.54	24.59
		12	0	23.85	23.83	23.80	22.26	22.53	22.65	23.38	23.15	23.23
		12	6	23.94	23.98	23.92	22.38	22.67	22.74	23.48	23.18	23.34
		12	11	23.90	23.93	23.85	22.36	22.66	22.70	23.47	23.23	23.30
		25	0	23.91	23.88	23.78	22.38	22.60	22.55	23.39	23.30	23.12
	64QAM	1	0	23.98	24.03	23.88	23.54	22.72	23.81	23.46	23.44	23.28
		1	12	24.04	**24.09**	23.96	23.60	22.82	**23.90**	**23.49**	23.46	23.39
		1	24	24.04	24.03	23.86	23.59	22.82	23.75	23.43	23.43	23.31
		12	0	22.85	22.83	22.76	22.34	21.49	22.54	22.31	22.23	22.10
		12	6	22.96	22.91	22.88	22.46	21.67	22.67	22.39	22.24	22.24
		12	11	22.93	22.89	22.84	22.44	21.65	22.59	22.36	22.30	22.21
		25	0	22.91	22.86	22.75	22.41	21.60	22.54	22.35	22.27	22.11
	256QAM	1	0	20.96	20.91	20.80	19.45	19.58	19.69	20.40	20.32	20.18
		1	12	**21.08**	21.06	20.97	19.55	**19.81**	19.80	**20.52**	20.44	20.28
		1	24	**21.08**	20.99	20.89	19.48	19.74	19.66	20.44	20.40	20.26
		12	0	20.82	20.79	20.76	19.31	19.51	19.56	20.24	20.20	20.11
		12	6	20.94	20.90	20.87	19.45	19.64	19.67	20.35	20.21	20.22
		12	11	20.89	20.85	20.83	19.41	19.62	19.61	20.32	20.23	20.18
		25	0	20.89	20.85	20.74	19.39	19.59	19.55	20.35	20.27	20.10

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	25.69	25.68	25.66	24.39	24.48	24.65	**25.40**	25.33	25.23
		1	24	**25.70**	25.65	25.67	24.38	24.61	**24.70**	**25.40**	25.30	25.20
		1	49	**25.70**	25.65	25.62	24.54	24.68	24.55	25.31	25.25	25.18
		25	0	24.95	24.92	24.89	23.35	23.47	23.63	24.34	24.24	24.19
		25	12	25.04	24.92	25.00	23.48	23.65	23.63	24.40	24.25	24.21
		25	24	25.01	24.99	24.94	23.50	23.68	23.65	24.38	24.30	24.26
		50	0	25.02	24.98	24.88	23.46	23.60	23.58	24.40	24.32	24.18
	16QAM	1	0	**25.48**	25.30	25.37	23.62	23.66	23.79	**24.86**	24.71	24.56
		1	24	25.31	25.23	25.30	23.48	23.81	23.79	24.73	24.68	24.48
		1	49	25.37	25.24	25.31	23.71	**23.85**	23.66	24.78	24.68	24.52
		25	0	23.95	23.94	23.96	22.38	22.49	22.63	23.36	23.26	23.22
		25	12	24.08	23.93	24.06	22.50	22.65	22.64	23.45	23.26	23.21
		25	24	24.04	23.99	24.04	22.53	22.68	22.66	23.40	23.32	23.26
		50	0	24.04	23.98	23.88	22.47	22.61	22.60	23.41	23.34	23.20
	64QAM	1	0	24.23	24.15	24.09	22.56	22.60	**23.82**	**23.59**	23.39	23.48
		1	24	**24.27**	24.20	24.15	22.56	22.74	23.81	23.56	23.42	23.45
		1	49	24.21	24.09	24.06	22.69	22.82	23.74	23.50	23.37	23.41
		25	0	22.97	22.91	22.87	21.37	21.51	22.61	22.32	22.26	22.16
		25	12	23.05	22.95	22.98	21.50	21.66	22.63	22.41	22.28	22.19
		25	24	23.03	22.99	22.96	21.53	21.69	22.65	22.37	22.32	22.25
		50	0	23.01	22.99	22.88	21.49	21.62	22.61	22.38	22.33	22.17
	256QAM	1	0	21.08	20.98	21.00	19.47	19.49	19.68	20.40	20.35	20.24
		1	24	**21.21**	21.08	21.15	19.49	19.77	**19.81**	**20.51**	20.48	20.32
		1	49	21.16	21.04	21.13	19.71	19.80	19.61	20.42	20.38	20.35
		25	0	20.94	20.91	20.89	19.38	19.48	19.62	20.30	20.25	20.15
		25	12	21.05	20.92	20.98	19.50	19.65	19.65	20.40	20.26	20.19
		25	24	21.02	20.97	20.94	19.52	19.68	19.66	20.35	20.31	20.23
		50	0	21.02	20.96	20.87	19.48	19.60	19.59	20.35	20.31	20.17

5G NR n26

Test Engineer ID:	50822	Test Date:	11/11/2022

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	25.47	25.41	25.40	24.34	24.36	24.37	25.01	25.04	25.00
		1	1	**25.66**	25.52	25.61	24.60	**24.62**	24.57	25.26	**25.31**	25.23
		1	23	25.65	25.62	25.57	24.55	24.54	24.60	25.19	25.23	25.23
		1	24	25.41	25.41	25.36	24.35	24.45	24.31	24.95	25.02	25.04
		12	6	25.60	25.54	25.59	24.54	24.54	24.51	25.17	25.17	25.14
		25	0	25.33	25.28	25.35	24.30	24.28	24.25	24.93	24.92	24.95
	QPSK	1	0	24.90	24.95	24.96	23.86	23.88	23.89	24.46	24.47	24.50
		1	1	25.65	25.68	25.68	24.54	24.62	**24.70**	25.17	**25.40**	25.31
		1	23	25.57	**25.70**	25.57	24.52	24.54	24.61	25.15	25.32	25.30
		1	24	24.78	24.89	24.88	23.81	23.93	23.82	24.43	24.44	24.58
		12	6	25.61	25.54	25.62	24.62	24.49	24.46	25.26	25.24	25.23
		25	0	24.86	24.82	24.93	23.84	23.84	23.81	24.46	24.47	24.46
	16QAM	1	0	24.07	23.87	23.74	23.22	22.85	22.76	23.59	23.30	23.48
		1	1	**25.16**	24.83	24.63	**24.23**	23.82	23.72	24.54	24.29	24.49
		1	23	25.14	24.77	24.62	24.19	23.77	23.76	**24.74**	24.25	24.50
		1	24	24.04	23.73	23.54	23.13	22.80	22.71	23.51	23.28	23.49
		12	6	24.82	24.83	24.95	23.91	23.77	23.73	24.44	24.43	24.44
		25	0	23.85	23.80	23.87	22.84	22.75	22.76	23.45	23.46	23.48
	64QAM	1	0	23.35	23.30	23.25	22.40	22.28	22.08	22.51	22.78	22.88
		1	1	23.36	23.16	23.17	**22.51**	22.34	22.16	22.60	22.91	22.89
		1	23	23.34	23.20	23.06	22.34	22.31	22.17	22.50	22.75	22.96
		1	24	23.26	23.15	23.18	22.36	22.40	22.07	22.56	22.78	22.98
		12	6	23.29	23.26	23.31	22.28	22.26	22.26	22.93	**23.04**	22.94
		25	0	23.38	23.40	**23.42**	22.37	22.32	22.26	22.93	22.99	23.02
	256QAM	1	0	21.17	21.05	21.46	20.43	20.40	20.08	20.71	20.93	20.89
		1	1	21.14	21.00	**21.48**	**20.51**	20.36	20.22	20.72	20.91	20.91
		1	23	21.08	21.15	21.36	20.42	20.40	20.06	20.82	20.85	**20.95**
		1	24	20.86	21.06	21.35	20.35	20.43	20.04	20.68	20.84	20.91
		12	6	21.29	21.15	21.15	20.20	20.22	20.14	20.88	20.92	20.89
		25	0	21.20	21.19	21.23	20.24	20.17	20.12	20.80	20.92	20.84

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	25.41	25.58	25.54	24.37	24.40	24.39	25.12	25.19	25.22
		1	1	25.63	**25.66**	25.62	**24.66**	24.59	24.64	25.33	**25.40**	25.36
		1	50	25.57	25.60	25.64	24.58	24.56	24.54	25.23	25.35	25.34
		1	51	25.41	25.42	25.47	24.32	24.33	24.28	25.03	25.16	25.15
		25	12	25.56	25.55	25.57	24.49	24.55	24.50	25.21	25.21	25.26
		50	0	25.44	25.39	25.42	24.38	24.41	24.36	25.14	25.08	25.10
	QPSK	1	0	25.03	25.10	25.10	23.91	23.90	23.98	24.66	24.66	24.60
		1	1	25.69	25.68	25.67	24.67	24.64	**24.70**	25.34	25.35	25.35
		1	50	25.67	**25.70**	25.64	24.68	24.66	24.57	25.24	**25.38**	25.32
		1	51	24.96	24.94	24.94	23.93	23.94	23.84	24.59	24.63	24.61
		25	12	25.61	25.57	25.64	24.55	24.56	24.58	25.32	25.32	25.27
		50	0	24.94	24.93	24.93	23.88	23.89	23.93	24.57	24.62	24.60
	16QAM	1	0	24.06	23.81	23.94	22.91	22.82	23.14	23.86	23.51	23.61
		1	1	24.94	24.71	24.81	23.96	23.91	**23.97**	**24.83**	24.54	24.74
		1	50	24.95	24.82	24.79	23.96	23.86	23.88	24.71	24.52	24.65
		1	51	24.11	23.66	23.77	23.00	22.80	22.89	23.66	23.42	23.67
		25	12	24.95	**24.96**	24.86	23.82	23.80	23.91	24.54	24.53	24.58
		50	0	23.90	23.84	23.85	22.80	22.84	22.87	23.54	23.58	23.59
	64QAM	1	0	23.23	**23.49**	23.27	**22.47**	22.13	22.37	22.60	22.93	22.92
		1	1	23.33	23.33	23.16	22.42	22.11	22.34	22.64	23.01	22.93
		1	50	23.27	23.30	23.08	22.37	22.06	22.25	22.47	22.98	23.06
		1	51	23.18	23.28	23.04	22.45	22.05	22.23	22.46	22.95	22.93
		25	12	23.37	23.38	23.40	22.41	22.35	22.38	23.09	23.13	23.08
		50	0	23.35	23.42	23.36	22.39	22.36	22.38	23.14	23.15	**23.18**
	256QAM	1	0	21.39	21.29	**21.49**	20.13	20.33	20.19	21.04	21.21	21.24
		1	1	21.41	21.18	21.41	20.19	20.30	20.20	21.09	21.27	**21.28**
		1	50	21.41	21.23	21.37	20.18	20.27	20.13	20.94	21.24	21.22
		1	51	21.34	21.21	21.25	20.12	20.18	20.11	20.90	21.21	21.17
		25	12	21.30	21.22	21.27	20.24	20.15	20.28	20.99	20.96	20.95
		50	0	21.34	21.41	21.37	**20.35**	20.32	**20.35**	21.03	21.09	21.06

OUTPUT POWER FOR 5G NR n26 (15.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 1			ANT 2			ANT 3		
				166300	167300	168300	166300	167300	168300	166300	167300	168300
				831.5	836.5	841.5	831.5	836.5	841.5	831.5	836.5	841.5
15.0	BPSK	1	0	25.64	25.45	25.45	24.54	24.40	24.47	25.14	25.05	25.13
		1	1	**25.69**	25.65	25.56	24.67	**24.70**	24.60	25.22	**25.35**	25.34
		1	77	25.68	25.59	25.51	24.61	24.56	24.53	25.20	25.34	25.21
		1	78	25.41	25.41	25.26	24.39	24.33	24.32	25.04	25.08	25.07
		36	18	25.65	25.46	25.47	24.56	24.50	24.52	25.16	25.31	25.17
		75	0	25.50	25.34	25.36	24.46	24.33	24.38	25.09	25.13	25.02
	QPSK	1	0	25.11	24.96	24.91	23.99	23.97	24.11	24.70	24.71	24.64
		1	1	**25.70**	**25.70**	25.56	24.57	24.63	**24.68**	25.32	**25.40**	25.36
		1	77	25.61	25.60	25.42	24.57	24.55	24.59	25.22	25.34	25.28
		1	78	24.88	24.83	24.64	23.85	23.79	23.89	24.50	24.61	24.61
		36	18	25.68	25.49	25.48	24.65	24.55	24.64	25.24	25.31	25.23
		75	0	25.04	24.86	24.86	24.01	23.97	23.98	24.58	24.70	24.61
	16QAM	1	0	24.20	24.25	24.02	23.54	22.89	23.08	23.95	23.82	23.71
		1	1	25.08	**25.19**	24.89	**24.38**	23.93	24.00	**24.96**	24.78	24.73
		1	77	25.05	**25.19**	24.92	24.26	23.92	23.97	24.83	24.73	24.69
		1	78	24.04	24.18	23.73	23.22	22.79	22.99	23.83	23.40	23.58
		36	18	24.93	24.79	24.84	23.91	23.85	23.86	24.54	24.55	24.54
		75	0	24.01	23.82	23.91	22.98	22.90	22.97	23.62	23.69	23.61
	64QAM	1	0	23.19	23.27	23.32	22.40	22.44	**22.53**	22.92	23.16	22.69
		1	1	23.14	23.27	23.30	22.24	22.46	22.47	22.85	**23.17**	22.64
		1	77	23.05	23.29	23.13	22.28	22.40	22.29	22.72	22.89	22.67
		1	78	22.98	23.21	23.19	22.26	22.41	22.25	22.79	22.89	22.65
		36	18	23.44	23.31	23.30	22.43	22.37	22.41	23.06	23.11	23.08
		75	0	**23.51**	23.28	23.35	22.50	22.41	22.42	23.13	23.16	23.10
	256QAM	1	0	21.39	21.16	21.23	**20.70**	20.19	20.29	20.90	21.30	21.10
		1	1	21.37	21.17	21.13	20.61	20.24	20.21	20.86	21.25	21.26
		1	77	21.30	21.16	21.20	20.47	20.21	20.21	20.88	21.30	21.14
		1	78	21.34	21.20	21.05	20.40	20.23	20.21	20.77	**21.33**	21.13
		36	18	21.45	21.24	21.29	20.37	20.28	20.30	21.01	21.01	21.01
		75	0	**21.53**	21.32	21.31	20.50	20.31	20.38	21.09	21.16	21.03

OUTPUT POWER FOR 5G NR n26 (20.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 1			ANT 2			ANT 3		
				166800	167300	167800	166800	167300	167800	166800	167300	167800
				834.0	836.5	839.0	834.0	836.5	839.0	834.0	836.5	839.0
20.0	BPSK	1	0	25.59	25.39	25.45	24.46	24.35	24.32	25.15	25.15	25.03
		1	1	**25.68**	25.64	25.54	**24.59**	**24.59**	**24.59**	25.23	**25.38**	25.26
		1	104	25.55	25.49	25.48	24.55	24.45	24.44	25.16	25.25	25.15
		1	105	25.34	25.23	25.28	24.30	24.29	24.21	24.96	25.11	24.93
		50	25	25.65	25.45	25.53	24.57	24.53	24.51	25.08	25.25	25.10
		100	0	25.38	25.26	25.23	24.36	24.33	24.31	24.85	25.03	24.93
	QPSK	1	0	25.04	24.84	24.88	24.08	23.98	23.88	24.54	24.58	24.50
		1	1	**25.70**	25.52	25.51	24.64	24.65	**24.70**	25.17	**25.40**	25.16
		1	104	25.52	25.40	25.36	24.46	24.51	24.48	25.05	25.20	25.05
		1	105	24.84	24.64	24.66	23.83	23.82	23.76	24.33	24.46	24.32
		50	25	25.68	25.43	25.54	24.56	24.53	24.49	25.08	25.24	25.18
		100	0	24.88	24.74	24.72	23.90	23.84	23.79	24.38	24.48	24.46
	16QAM	1	0	24.14	24.01	23.82	22.97	22.98	22.47	23.52	23.67	23.78
		1	1	**25.11**	24.96	24.99	23.75	**24.02**	23.44	24.35	**24.81**	24.79
		1	104	24.92	24.89	24.70	23.81	23.88	23.43	24.38	24.55	24.68
		1	105	23.95	23.68	23.71	22.60	22.70	22.46	23.19	23.57	23.42
		50	25	24.93	24.61	24.81	23.85	23.79	23.69	24.38	24.48	24.33
		100	0	23.86	23.72	23.74	22.80	22.83	22.82	23.41	23.51	23.38
	64QAM	1	0	23.44	23.11	23.24	22.48	22.30	22.24	22.68	22.80	22.79
		1	1	23.40	23.08	23.02	**22.57**	22.26	22.22	22.78	22.94	22.84
		1	104	23.16	22.89	22.86	22.39	22.13	22.13	22.51	22.56	22.58
		1	105	23.09	22.93	22.85	22.27	22.15	22.07	22.55	22.65	22.54
		50	25	**23.52**	23.29	23.37	22.37	22.35	22.36	22.90	**23.02**	22.91
		100	0	23.34	23.22	23.25	22.34	22.33	22.30	22.88	23.00	22.89
	256QAM	1	0	21.36	21.33	**21.44**	**20.48**	20.21	20.30	**21.19**	20.93	20.86
		1	1	21.36	21.31	21.34	20.37	20.07	20.34	20.94	21.02	20.85
		1	104	21.19	21.03	21.13	20.18	19.94	20.28	20.83	20.80	20.75
		1	105	21.24	21.17	21.15	20.22	20.11	20.06	20.98	20.74	20.58
		50	25	**21.44**	21.27	21.33	20.36	20.28	20.30	20.85	20.99	20.83
		100	0	21.38	21.22	21.22	20.33	20.29	20.26	20.83	20.98	20.84

8.9. LTE BAND 30 AND 5G NR n30

LTE BAND 30

Test Engineer ID:	25780	Test Date:	1/7/2023

OUTPUT POWER FOR LTE BAND 30 (5.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				27685	27710	27735	27685	27710	27735	27685	27710	27735	27685	27710	27735
				2307.5	2310.0	2312.5	2307.5	2310.0	2312.5	2307.5	2310.0	2312.5	2307.5	2310.0	2312.5
5.0	QPSK	1	0	25.50	25.52	25.50	23.62	22.89	22.88	24.81	24.86	24.88	22.58	22.54	22.64
		1	12	25.62	25.64	**25.70**	**23.70**	23.00	23.02	24.96	**25.00**	24.99	**22.70**	**22.70**	22.67
		1	24	25.57	25.55	25.60	23.15	22.91	22.95	24.81	24.85	24.87	22.64	22.57	22.55
		12	0	24.81	24.85	24.83	22.24	21.93	21.86	23.87	23.85	23.94	21.65	21.56	21.66
		12	6	24.87	24.88	24.93	22.12	21.96	21.88	23.95	23.96	23.96	21.70	21.68	21.71
		12	11	24.85	24.87	24.92	22.04	21.93	21.94	23.89	23.93	23.97	21.67	21.68	21.62
		25	0	24.83	24.86	24.88	21.99	21.92	21.89	23.94	23.86	23.95	21.66	21.65	21.68
	16QAM	1	0	25.09	25.22	25.16	22.30	22.31	22.31	24.26	24.33	24.34	21.99	21.92	22.05
		1	12	25.28	**25.32**	25.25	22.40	**22.43**	**22.43**	24.40	24.45	**24.49**	22.10	22.11	**22.13**
		1	24	25.08	25.24	25.22	22.26	22.29	22.27	24.28	24.32	24.30	21.94	21.99	21.98
		12	0	23.84	23.87	23.80	20.99	20.91	20.83	23.06	22.93	23.05	20.67	20.57	20.75
		12	6	23.86	23.88	23.91	21.01	20.97	20.87	22.96	23.07	23.01	20.72	20.68	20.81
		12	11	23.86	23.86	23.91	21.00	20.94	20.92	23.03	22.98	23.04	20.69	20.67	20.77
		25	0	23.79	23.79	23.91	20.97	20.99	20.93	22.97	22.88	22.94	20.67	20.67	20.71
	64QAM	1	0	24.03	23.94	24.01	21.11	21.13	21.09	23.50	23.61	23.62	20.77	20.72	20.85
		1	12	24.07	24.01	24.07	21.13	21.14	21.16	23.59	23.61	**23.72**	20.85	20.81	**20.87**
		1	24	**24.08**	23.99	24.07	21.10	21.10	**21.18**	23.49	23.63	23.60	20.82	20.71	20.74
		12	0	22.85	22.87	22.79	19.92	19.95	19.92	22.45	22.48	22.48	19.62	19.57	19.67
		12	6	22.90	22.91	22.92	19.97	19.99	19.93	22.49	22.53	22.50	19.65	19.69	19.70
		12	11	22.88	22.86	22.89	19.95	19.98	19.99	22.47	22.47	22.47	19.65	19.67	19.67
		25	0	22.82	22.83	22.87	19.92	19.96	19.87	22.43	22.48	22.47	19.60	19.64	19.65
	256QAM	1	0	20.93	20.93	20.84	18.07	18.00	17.97	19.94	20.07	**22.97**	17.66	17.63	17.78
		1	12	**21.08**	21.03	20.99	18.14	18.08	**18.18**	20.12	20.16	20.11	17.78	17.78	**17.82**
		1	24	21.01	20.97	20.94	18.02	17.95	18.04	19.96	19.93	19.95	17.71	17.60	17.65
		12	0	20.82	20.83	20.77	17.91	17.93	17.83	19.91	19.87	19.96	17.56	17.56	17.64
		12	6	20.83	20.84	20.90	17.93	18.00	17.88	20.00	19.95	20.01	17.61	17.69	17.65
		12	11	20.82	20.82	20.87	17.92	17.95	17.93	19.98	19.98	19.95	17.58	17.66	17.67
		25	0	20.84	20.81	20.86	17.93	17.92	17.85	19.95	19.85	19.96	17.56	17.61	17.64

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		25.42			23.66			24.99			22.63	
		1	24		25.51			**23.70**			**25.00**			**22.70**	
		1	49		**25.52**			23.67			24.86			22.64	
		25	0		24.78			22.68			23.93			21.61	
		25	12		24.82			22.72			23.94			21.73	
		25	24		24.81			22.70			23.89			21.71	
		50	0		24.78			22.70			23.94			21.64	
	16QAM	1	0		**25.70**			22.98			24.26			**22.08**	
		1	24		25.29			23.00			**24.31**			22.02	
		1	49		25.04			**23.03**			24.25			22.05	
		25	0		24.20			21.72			22.99			20.69	
		25	12		24.07			21.73			22.98			20.79	
		25	24		23.87			21.74			22.93			20.79	
		50	0		24.04			21.70			22.95			20.63	
	64QAM	1	0		23.97			21.82			23.66			20.76	
		1	24		24.02			**21.84**			**23.78**			**20.85**	
		1	49		**24.06**			21.83			23.71			20.74	
		25	0		22.75			20.70			22.53			19.59	
		25	12		22.81			20.76			22.54			19.70	
		25	24		22.79			20.73			22.54			19.67	
		50	0		22.80			20.72			22.51			19.60	
	256QAM	1	0		20.76			18.72			**22.98**			17.68	
		1	24		20.89			**18.85**			20.18			**17.83**	
		1	49		**20.91**			18.78			20.04			17.66	
		25	0		20.77			18.70			19.98			17.58	
		25	12		20.78			18.74			19.98			17.69	
		25	24		20.79			18.73			19.96			17.66	
		50	0		20.76			18.70			19.97			17.61	

5G NR n30

Test Engineer ID:	12482	Test Date:	11/15/2022

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	20.44	20.44	20.49	18.50	18.48	18.46	19.75	19.73	19.78	17.47	17.46	17.38
		1	1	20.59	20.57	20.64	18.70	18.70	18.67	20.00	19.91	19.88	17.59	17.70	17.56
		1	23	20.58	20.65	20.65	18.69	18.64	18.50	19.93	19.93	19.86	17.68	17.70	17.48
		1	24	20.37	20.38	20.41	18.48	18.42	18.33	19.76	19.74	19.65	17.46	17.47	17.33
		12	6	20.69	20.70	20.68	18.68	18.62	18.59	19.93	19.93	19.94	17.60	17.70	17.61
		25	0	**25.20**	**25.20**	25.18	**23.20**	23.17	23.16	24.46	**24.50**	24.46	22.18	**22.20**	22.16
	QPSK	1	0	19.95	19.94	19.79	17.85	17.91	17.95	19.19	19.20	19.15	16.87	16.95	16.84
		1	1	20.68	20.70	20.55	18.62	18.63	18.70	19.96	19.93	19.91	17.51	17.59	17.55
		1	23	20.59	20.64	20.56	18.66	18.66	18.66	19.93	19.93	19.87	17.55	17.70	17.58
		1	24	19.88	19.86	19.82	17.90	17.85	17.89	19.23	19.19	19.12	16.92	16.84	16.85
		12	6	20.64	20.64	20.62	18.69	18.59	18.60	20.00	19.98	20.00	17.68	17.68	17.68
		25	0	**24.74**	**24.74**	24.73	**22.76**	22.73	22.67	**24.01**	23.99	23.96	21.70	**21.82**	21.80
	16QAM	1	0	19.73	19.19	19.45	17.36	17.36	17.59	18.63	18.93	18.42	16.59	16.61	16.55
		1	1	20.70	20.20	20.32	18.53	18.55	18.70	19.72	20.00	19.43	17.61	17.69	17.55
		1	23	20.63	20.20	20.35	18.48	18.45	18.57	19.63	19.95	19.37	17.70	17.66	17.53
		1	24	19.68	19.32	19.41	17.39	17.43	17.55	18.59	18.92	18.34	16.63	16.64	16.50
		12	6	20.50	20.54	20.45	18.41	18.39	18.37	19.63	19.72	19.62	17.52	17.53	17.55
		25	0	23.73	23.73	**23.76**	**21.80**	21.72	21.65	**23.03**	22.92	22.92	20.72	**20.82**	20.74
	64QAM	1	0	20.11	20.53	20.70	18.69	18.46	18.30	19.89	19.91	19.89	17.29	17.41	17.36
		1	1	20.17	20.52	20.68	18.70	18.40	18.36	19.84	19.92	19.74	17.38	17.40	17.51
		1	23	20.19	20.57	20.42	18.68	18.43	18.38	19.81	19.91	19.89	17.34	17.38	17.50
		1	24	20.24	20.57	20.50	18.65	18.35	18.36	19.94	19.93	19.88	17.31	17.39	17.54
		12	6	20.46	20.62	20.65	18.62	18.66	18.54	19.99	19.94	20.00	17.67	17.64	17.70
		25	0	23.21	**23.29**	23.19	21.25	**21.27**	21.19	22.46	22.47	**22.51**	**20.26**	20.24	**20.26**
	256QAM	1	0	20.44	20.63	20.58	18.40	18.58	18.53	19.73	19.87	19.99	17.54	17.57	17.49
		1	1	20.70	20.70	20.61	18.42	18.70	18.48	19.70	19.78	20.00	17.56	17.60	17.50
		1	23	20.67	20.57	20.50	18.43	18.58	18.54	19.84	19.83	19.85	17.53	17.57	17.58
		1	24	20.59	20.66	20.45	18.42	18.58	18.50	19.83	19.85	19.85	17.70	17.57	17.44
		12	6	20.60	20.55	20.57	18.35	18.32	18.34	19.67	19.77	19.84	17.53	17.56	17.54
		25	0	**21.23**	**21.23**	21.19	19.13	19.11	**19.14**	20.37	**20.45**	20.37	18.15	18.15	**18.27**

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		20.42			18.49			19.94			17.43	
		1	1		20.70			18.70			20.00			17.70	
		1	50		20.67			18.65			19.96			17.62	
		1	51		20.51			18.44			19.78			17.41	
		25	12		20.57			18.57			19.93			17.50	
		50	0		**25.20**			**23.20**			**24.50**			**22.20**	
	QPSK	1	0		20.42			17.93			19.24			17.04	
		1	1		20.70			18.65			20.00			17.66	
		1	50		20.67			18.70			19.93			17.70	
		1	51		20.51			17.94			19.18			16.95	
		25	12		20.57			18.60			19.94			17.64	
		50	0		**24.68**			**22.71**			**23.98**			**21.74**	
	16QAM	1	0		19.63			17.61			18.91			16.68	
		1	1		20.70			18.70			19.95			17.70	
		1	50		20.50			18.68			19.91			17.67	
		1	51		19.57			17.60			18.89			16.67	
		25	12		20.00			18.41			20.00			17.55	
		50	0		**23.64**			**21.76**			**22.54**			**20.68**	
	64QAM	1	0		20.59			18.61			19.93			17.51	
		1	1		20.55			18.61			19.98			17.60	
		1	50		20.64			18.61			19.84			17.47	
		1	51		20.33			18.68			19.98			17.49	
		25	12		20.70			18.70			20.00			17.70	
		50	0		**23.18**			**21.29**			**22.43**			**20.23**	
	256QAM	1	0		20.60			18.52			20.00			17.70	
		1	1		20.70			18.70			19.85			17.64	
		1	50		20.63			18.42			19.98			17.67	
		1	51		20.59			18.44			19.98			17.67	
		25	12		20.66			18.39			19.66			17.39	
		50	0		**21.13**			**19.24**			**20.48**			**18.81**	

8.10. LTE BAND 41 AND 5G NR n41

LTE BAND 41

Test Engineer ID:	25780	Test Date:	11/10/2022

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	24.62	28.54	27.65	25.44	28.56	27.70	22.72	27.93	26.91	23.08	27.66	25.99
		1	12	27.70	28.62	27.70	27.85	28.63	27.89	26.09	**28.00**	27.00	26.30	**27.70**	26.24
		1	24	27.66	28.53	27.62	27.76	28.59	27.79	26.20	27.94	26.95	26.25	27.59	26.30
		12	0	23.64	28.67	26.77	24.57	28.61	27.50	21.88	27.30	25.89	22.19	26.93	25.07
		12	6	23.67	**28.70**	26.80	24.62	**28.70**	27.46	22.03	27.36	26.01	22.22	26.95	25.17
		12	11	26.71	28.56	26.75	27.41	28.58	27.44	25.16	27.34	25.98	25.22	26.90	25.23
		25	0	23.65	28.63	26.75	24.45	28.66	27.45	22.02	27.29	25.88	22.21	26.91	25.14
	16QAM	1	0	23.97	27.58	27.14	24.90	27.63	27.93	21.83	27.38	26.08	22.51	27.35	25.52
		1	12	27.24	**27.70**	27.18	27.94	27.70	**28.00**	25.31	**27.50**	26.22	25.70	**27.45**	25.66
		1	24	27.19	27.60	27.20	**28.00**	27.60	27.93	25.38	27.45	26.20	25.71	27.36	25.81
		12	0	22.77	26.27	25.79	23.65	26.20	26.55	20.84	26.29	24.96	21.17	25.95	24.01
		12	6	22.73	26.22	25.82	23.55	26.26	26.53	21.02	26.46	25.03	21.34	25.94	24.11
		12	11	25.78	26.18	25.80	26.44	26.12	26.64	24.20	26.41	24.96	24.24	25.88	24.26
		25	0	22.67	26.17	25.81	23.45	26.21	26.58	21.03	26.34	24.89	21.21	25.89	24.14
	64QAM	1	0	22.88	26.66	25.90	23.72	26.61	26.81	21.00	**26.52**	25.15	21.38	26.27	24.29
		1	12	25.93	**26.70**	25.89	26.76	26.70	**26.85**	24.30	26.46	25.20	24.47	**26.28**	24.52
		1	24	25.91	26.68	25.95	26.80	26.65	26.84	24.47	26.37	25.11	24.50	26.21	24.56
		12	0	21.69	25.67	24.80	22.51	25.54	25.56	19.93	25.35	23.94	20.17	24.99	22.94
		12	6	21.75	25.54	24.84	22.69	25.43	25.51	20.07	25.38	24.06	20.32	24.98	23.10
		12	11	24.74	25.45	24.83	25.39	25.43	25.51	23.17	25.35	24.06	23.26	24.97	23.33
		25	0	21.70	25.45	24.78	22.48	25.43	25.50	20.03	25.31	23.93	20.23	24.85	23.03
	256QAM	1	0	19.70	**23.70**	22.91	20.54	23.53	23.42	17.94	23.47	22.07	18.23	22.96	21.06
		1	12	22.84	23.68	22.89	**23.75**	23.70	23.70	21.31	**23.49**	22.29	21.38	**23.09**	21.33
		1	24	22.82	23.59	22.76	23.48	23.57	23.32	21.41	23.46	22.16	21.31	23.01	21.53
		12	0	19.71	23.67	22.78	20.65	23.59	23.54	17.92	23.34	21.99	18.17	22.99	21.12
		12	6	19.74	23.68	22.83	20.72	23.61	23.59	18.09	23.39	22.11	18.24	22.94	21.22
		12	11	22.74	23.58	22.82	23.66	23.53	23.55	21.19	23.32	22.06	21.29	22.99	21.25
		25	0	19.68	23.56	22.80	20.58	23.47	23.55	18.09	23.31	21.97	18.21	22.92	21.09

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	22.65	28.60	27.62	23.60	28.58	27.85	20.79	27.98	26.98	21.09	**27.70**	25.94
		1	24	27.70	28.64	27.70	27.99	28.64	27.91	26.20	**28.00**	27.00	26.30	27.69	26.01
		1	49	27.69	28.60	27.64	27.92	28.58	27.85	26.15	**28.00**	26.95	26.18	27.60	26.30
		25	0	23.74	**28.70**	26.76	24.71	28.64	27.63	22.08	27.37	26.06	22.24	26.97	24.95
		25	12	26.79	28.65	26.79	27.62	**28.70**	27.69	25.18	27.38	26.07	25.20	26.97	25.04
		25	24	25.70	28.67	26.79	26.63	28.58	27.58	24.22	27.38	26.04	24.20	26.87	25.13
		50	0	23.74	28.66	26.78	24.61	28.57	27.63	22.08	27.36	26.03	22.18	26.94	25.04
	16QAM	1	0	22.06	27.57	27.03	22.98	27.69	27.93	19.83	27.38	26.23	20.49	**27.34**	25.33
		1	24	27.11	**27.70**	27.07	**28.00**	27.70	**28.00**	25.37	**27.43**	26.16	25.65	27.28	25.40
		1	49	27.08	27.57	27.02	27.94	27.65	27.91	25.25	27.39	26.11	25.45	27.31	25.64
		25	0	22.80	26.37	25.80	23.75	26.33	26.66	21.12	26.38	25.11	21.29	25.97	23.91
		25	12	25.84	26.36	25.79	26.65	26.39	26.68	24.20	26.44	25.10	24.19	26.02	23.99
		25	24	24.73	26.35	25.85	25.61	26.27	26.60	23.25	26.42	25.10	23.18	25.86	24.16
		50	0	22.76	26.30	25.77	23.65	26.28	26.64	21.10	26.39	25.05	21.18	25.96	23.89
	64QAM	1	0	20.87	26.60	25.88	21.82	26.59	26.78	18.99	26.49	25.28	19.33	26.22	24.19
		1	24	26.02	**26.70**	25.98	**26.93**	26.70	26.86	24.55	**26.60**	25.28	24.54	**26.23**	24.23
		1	49	25.86	26.65	25.87	26.88	26.61	26.81	24.43	26.53	25.15	24.36	26.18	24.47
		25	0	21.78	25.52	24.81	22.79	25.44	25.57	20.14	25.42	24.10	20.29	25.01	22.93
		25	12	24.83	25.49	24.85	25.63	25.45	25.67	23.24	25.46	24.12	23.24	24.98	23.02
		25	24	23.76	25.49	24.85	24.66	25.37	25.58	22.25	25.44	24.09	22.19	24.87	23.12
		50	0	21.80	25.45	24.78	22.68	25.33	25.62	20.13	25.42	24.08	20.20	24.92	22.91
	256QAM	1	0	17.80	23.50	22.82	18.67	23.60	23.68	15.89	23.49	22.17	16.14	**23.18**	21.02
		1	24	22.91	**23.70**	22.93	**23.77**	23.70	23.69	21.49	**23.50**	22.22	21.39	23.08	21.10
		1	49	22.83	23.44	22.79	23.75	23.61	23.69	21.27	23.47	22.17	21.22	22.91	21.24
		25	0	19.76	23.56	22.79	20.74	23.53	23.65	18.11	23.40	22.15	18.24	22.98	20.90
		25	12	22.85	23.55	22.82	23.71	23.58	23.67	21.25	23.44	22.15	21.27	22.97	21.09
		25	24	21.74	23.52	22.83	22.67	23.52	23.61	20.28	23.42	22.11	20.25	22.88	21.20
		50	0	19.77	23.51	22.81	20.67	23.49	23.67	18.19	23.38	22.11	18.21	22.97	20.99

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	22.65	28.48	27.57	23.69	28.47	27.83	20.60	27.92	26.93	21.22	**27.70**	26.15
		1	37	27.70	28.54	27.63	27.96	28.43	27.94	26.07	27.98	26.95	26.30	27.51	25.94
		1	74	27.53	28.55	27.70	28.00	28.51	27.98	26.20	**28.00**	27.00	26.24	27.62	26.30
		36	0	22.69	**28.70**	26.70	23.88	28.66	27.79	20.97	27.30	25.96	21.40	27.07	25.23
		36	16	26.65	28.63	26.71	27.86	**28.70**	27.80	25.13	27.33	26.03	25.50	27.02	25.15
		36	35	23.60	28.65	26.67	24.84	28.61	27.74	22.07	27.34	26.01	22.31	26.90	25.22
		75	0	22.62	28.69	26.68	23.85	28.68	27.84	21.06	27.30	25.99	21.46	27.05	25.24
	16QAM	1	0	21.96	27.55	26.92	23.05	27.47	27.95	19.79	27.31	26.15	20.54	**27.24**	25.39
		1	37	27.06	**27.70**	26.99	27.88	27.48	**28.00**	25.16	27.36	26.08	25.57	27.03	25.11
		1	74	26.97	27.59	27.04	27.87	27.70	27.87	25.26	**27.46**	26.06	25.47	27.15	25.45
		36	0	21.69	26.38	25.72	22.91	26.47	26.75	19.98	26.31	24.98	20.45	26.04	24.18
		36	16	25.66	26.31	25.77	26.81	26.47	26.80	24.13	26.33	25.05	24.46	26.02	24.13
		36	35	22.63	26.31	25.65	23.84	26.38	26.74	21.09	26.32	25.01	21.33	25.88	24.19
		75	0	21.65	26.35	25.70	22.82	26.40	26.76	20.10	26.30	25.00	20.47	25.97	24.13
	64QAM	1	0	20.78	26.64	25.91	21.88	26.62	26.85	18.80	26.45	25.12	19.33	**26.30**	24.51
		1	37	25.78	**26.70**	25.94	**27.01**	26.63	26.90	24.23	**26.51**	25.30	24.58	26.03	24.12
		1	74	25.77	**26.70**	25.88	26.96	26.70	26.87	24.42	26.42	25.31	24.54	26.15	24.48
		36	0	20.70	25.53	24.69	21.89	25.56	25.76	18.98	25.33	23.95	19.45	25.06	23.19
		36	16	24.66	25.44	24.74	25.84	25.55	25.78	23.13	25.34	24.05	23.49	24.98	23.10
		36	35	21.61	25.50	24.67	22.84	25.52	25.73	20.07	25.33	24.02	20.35	24.90	23.20
		75	0	20.64	25.49	24.70	21.85	25.53	25.77	19.09	25.32	24.03	19.45	24.97	23.15
	256QAM	1	0	17.65	23.68	22.73	18.72	23.48	23.79	15.91	23.38	22.17	16.44	**23.21**	21.26
		1	37	22.90	23.50	22.75	23.76	23.52	23.78	21.15	**23.52**	22.23	21.43	23.00	21.06
		1	74	22.59	**23.70**	22.81	**23.88**	23.69	23.58	21.46	23.46	22.19	21.45	22.89	21.37
		36	0	18.70	23.62	22.71	19.89	23.69	23.79	16.98	23.28	22.01	17.47	23.08	21.20
		36	16	22.67	23.56	22.70	23.84	23.70	23.78	21.13	23.30	22.06	21.48	22.97	21.13
		36	35	19.65	23.57	22.65	20.82	23.63	23.72	18.13	23.32	22.03	18.38	22.87	21.11
		75	0	18.60	23.57	22.69	19.83	23.64	23.81	17.15	23.31	22.06	17.48	22.98	21.14

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	22.66	28.62	27.60	23.72	28.49	27.78	20.67	27.98	27.00	21.02	**27.70**	26.30
		1	49	27.70	**28.70**	27.63	28.00	28.64	27.78	26.04	27.95	26.91	26.26	27.29	25.88
		1	99	27.63	28.61	27.70	27.94	**28.70**	28.00	26.20	**28.00**	26.93	26.30	27.53	26.01
		50	0	22.75	**28.70**	26.70	23.83	28.56	27.60	21.06	27.32	25.85	21.22	26.86	25.04
		50	24	26.78	28.66	26.74	27.74	28.51	27.63	25.16	27.36	25.86	25.20	26.73	24.83
		50	49	23.63	28.67	26.77	24.75	28.52	27.56	22.16	27.34	25.91	22.15	26.69	24.77
		100	0	22.75	28.68	26.70	23.71	28.50	27.62	21.06	27.32	25.84	21.23	26.83	24.96
	16QAM	1	0	22.11	27.63	26.95	22.95	27.46	27.72	20.00	27.48	25.97	20.42	27.25	25.57
		1	49	27.60	**27.70**	27.60	27.91	27.66	**27.93**	25.23	**27.54**	26.23	25.35	27.10	25.05
		1	99	26.94	27.55	27.08	27.85	27.70	27.92	25.22	27.31	25.97	25.61	**27.28**	25.24
		50	0	21.75	26.33	25.70	22.85	26.34	26.55	20.06	26.28	24.91	20.27	25.84	24.04
		50	24	25.80	26.29	25.72	26.72	26.31	26.63	24.16	26.32	24.90	24.19	25.75	23.79
		50	49	22.68	26.29	25.78	23.72	26.33	26.57	21.19	26.32	24.98	21.19	25.63	23.74
		100	0	21.76	26.31	25.71	22.74	26.34	26.58	20.09	26.33	24.91	20.28	25.75	23.93
	64QAM	1	0	20.81	26.47	25.82	21.87	26.51	26.70	18.86	26.43	25.22	19.19	26.16	24.63
		1	49	26.00	**26.70**	25.92	**27.16**	26.70	26.90	24.38	**26.63**	25.37	24.39	25.98	23.94
		1	99	25.71	26.54	25.88	26.90	26.68	26.70	24.42	26.54	25.10	24.64	**26.21**	24.26
		50	0	20.75	25.31	24.71	21.81	25.43	25.59	19.07	25.29	23.90	19.21	24.84	23.03
		50	24	24.81	25.27	24.73	25.74	25.38	25.61	23.16	25.34	23.89	23.22	24.71	22.84
		50	49	21.66	25.29	24.75	22.77	25.39	25.56	20.19	25.32	23.95	20.23	24.68	22.72
		100	0	20.74	25.29	24.71	21.72	25.36	25.65	19.10	25.29	23.88	19.23	24.73	22.88
	256QAM	1	0	17.81	23.50	22.81	18.76	23.69	23.67	15.88	23.43	22.09	16.26	**23.23**	21.29
		1	49	22.87	23.53	22.87	23.89	23.64	23.65	21.21	23.34	22.15	21.18	22.79	20.76
		1	99	23.02	**23.70**	22.93	**23.97**	23.59	23.53	21.50	**23.47**	22.06	21.37	22.80	20.91
		50	0	18.74	23.47	22.67	19.82	23.70	23.65	17.05	23.24	21.90	17.28	22.87	21.10
		50	24	22.81	23.43	22.73	23.76	23.62	23.70	21.15	23.31	21.90	21.26	22.76	20.89
		50	49	19.70	23.43	22.73	20.76	23.66	23.64	18.21	23.30	21.94	18.19	22.76	20.82
		100	0	18.73	23.40	22.70	19.75	23.60	23.66	17.14	23.26	21.88	17.29	22.79	20.89

5G NR n41

Test Engineer ID:	19146	Test Date:	1/10/2023

OUTPUT POWER FOR 5G NR n41 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 2			ANT 1			ANT 4			ANT 3		
				500200	518600	537000	500200	518600	537000	500200	518600	537000	500200	518600	537000
				2501.0	2593.0	2685.0	2501.0	2593.0	2685.0	2501.0	2593.0	2685.0	2501.0	2593.0	2685.0
10.0	BPSK	1	0	22.23	25.08	24.33	21.98	25.38	24.18	22.90	24.43	22.19	20.54	24.79	23.82
		1	1	22.08	28.38	27.96	22.05	28.61	27.70	20.86	**27.56**	25.67	20.56	27.89	26.76
		1	22	28.00	**28.66**	27.99	27.34	**28.67**	27.44	26.17	27.31	26.30	26.20	**27.92**	26.68
		1	23	24.53	25.42	24.59	23.97	25.39	23.97	22.50	23.99	22.67	22.85	24.69	23.44
		12	6	24.23	28.39	28.00	23.94	28.65	27.60	22.65	27.31	25.89	22.74	27.87	26.69
		24	0	24.35	28.23	27.52	23.93	28.64	26.97	22.73	27.13	25.34	22.85	27.59	26.87
	QPSK	1	0	21.79	25.05	24.32	21.54	25.43	24.02	20.33	24.46	22.22	19.88	24.75	23.79
		1	1	21.65	28.35	27.78	21.61	28.60	27.41	20.42	**27.70**	25.68	20.09	**28.00**	27.00
		1	22	27.98	**28.70**	27.42	27.70	**28.70**	27.43	26.30	27.34	26.15	26.11	27.96	26.89
		1	23	24.57	25.38	24.67	23.90	25.52	24.06	22.63	24.08	22.71	22.83	24.74	23.72
		12	6	23.26	28.43	27.92	22.99	28.64	27.48	21.78	27.40	25.84	21.85	27.89	26.94
		24	0	23.35	27.77	26.97	23.00	27.94	26.49	21.76	26.62	24.86	21.75	27.19	26.26
	16QAM	1	0	21.83	25.21	24.32	21.41	25.58	24.15	20.47	24.31	22.08	20.23	24.68	23.75
		1	1	21.58	27.21	26.98	21.40	**28.13**	26.68	20.36	**27.18**	24.74	20.30	27.32	26.17
		1	22	26.92	**27.99**	27.24	26.49	28.10	26.75	25.02	26.82	25.23	25.39	**27.36**	26.25
		1	23	24.58	25.25	24.87	23.94	25.62	24.18	22.58	24.15	22.92	23.07	24.91	23.59
		12	6	22.83	27.52	27.03	22.50	26.04	26.44	21.10	26.55	24.83	21.38	27.27	26.16
		24	0	22.78	26.73	25.94	22.58	27.00	25.45	21.32	25.76	23.83	21.25	26.27	25.31
	64QAM	1	0	21.16	25.30	24.54	20.82	25.59	24.12	20.12	24.62	22.54	19.49	24.42	23.53
		1	1	21.47	26.35	25.71	20.91	**26.60**	25.28	19.99	**25.73**	23.58	19.46	25.49	24.55
		1	22	25.71	**26.97**	25.95	25.04	26.49	25.04	24.10	25.37	24.04	23.97	25.51	24.52
		1	23	24.84	25.64	24.94	23.98	25.48	23.94	22.75	24.19	22.69	22.75	24.50	23.50
		12	6	22.76	26.20	25.42	22.64	26.58	25.23	21.20	24.90	23.12	21.36	25.65	24.73
		24	0	22.78	26.15	25.42	22.69	26.54	25.01	21.16	25.06	23.31	21.30	**25.67**	24.82
	256QAM	1	0	19.55	23.63	22.78	19.36	24.42	23.05	18.15	23.12	21.00	17.97	23.46	22.75
		1	1	19.71	23.64	23.18	19.36	24.62	23.14	18.04	**23.28**	21.06	18.15	23.50	22.68
		1	22	23.30	24.42	23.25	22.86	24.59	23.05	21.35	22.97	21.42	22.10	23.53	22.71
		1	23	23.12	**24.44**	23.22	22.87	24.40	23.01	21.19	23.08	21.08	21.95	**23.57**	22.53
		12	6	21.19	24.16	23.47	20.97	**24.68**	23.15	19.67	23.19	21.33	19.84	23.51	22.59
		24	0	21.21	24.14	23.35	21.08	24.56	23.00	19.67	23.21	21.19	19.79	23.56	22.81

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	21.77	24.82	24.34	22.51	25.50	24.35	21.06	24.41	22.68	20.54	24.72	23.60
		1	1	21.91	28.21	27.88	22.52	28.62	27.42	21.18	**27.66**	26.09	20.59	27.93	26.88
		1	36	26.06	**28.70**	27.94	27.70	**28.70**	27.46	26.29	27.19	26.30	26.15	**27.99**	27.00
		1	37	24.44	25.45	24.81	24.49	25.46	24.36	22.78	24.17	22.76	23.00	24.76	23.46
		18	9	23.96	28.40	28.00	24.30	28.62	27.53	22.97	27.02	25.80	22.80	27.88	26.59
		36	0	24.07	28.18	27.51	24.44	28.43	27.57	22.88	27.14	25.54	22.79	27.64	26.64
	QPSK	1	0	21.28	24.99	24.30	21.92	27.46	24.51	20.58	24.66	22.76	19.96	24.66	23.43
		1	1	21.31	28.04	27.90	21.85	**28.69**	27.70	20.55	**27.70**	26.11	20.05	27.90	26.70
		1	36	28.00	**28.46**	27.50	27.55	28.68	27.08	26.30	26.72	26.27	26.20	**28.00**	26.84
		1	37	24.46	25.48	24.88	24.44	25.41	24.19	22.64	24.18	22.73	23.03	24.95	23.44
		18	9	22.98	28.32	27.97	23.44	28.61	27.40	21.86	27.07	25.80	21.76	27.89	26.71
		36	0	22.94	27.71	27.14	23.44	27.89	26.69	21.90	26.60	24.94	21.72	27.13	25.94
	16QAM	1	0	21.54	24.97	24.24	21.64	25.40	24.20	20.45	24.58	22.92	20.12	24.84	23.88
		1	1	21.42	27.21	27.14	21.88	27.90	26.73	20.83	**27.00**	25.08	20.11	27.39	26.35
		1	36	26.62	**28.03**	27.20	27.29	**27.98**	26.78	25.15	26.33	25.28	25.49	**27.40**	26.21
		1	37	24.38	25.33	24.93	24.68	25.51	24.28	22.92	24.13	22.96	23.18	24.81	23.78
		18	9	22.46	27.60	27.02	22.94	27.84	26.84	21.48	26.55	24.81	21.22	27.23	25.92
		36	0	22.47	26.69	26.05	22.85	26.92	25.79	21.28	25.70	24.05	21.17	26.08	25.05
	64QAM	1	0	21.32	25.47	24.62	21.50	25.53	24.39	20.46	24.79	22.88	19.19	24.57	23.88
		1	1	21.15	26.30	24.82	21.54	**26.59**	25.44	20.63	**25.86**	23.96	19.20	**25.69**	24.78
		1	36	25.75	**26.54**	26.06	25.50	26.57	25.38	24.08	25.08	23.85	23.68	25.64	24.60
		1	37	24.70	25.73	25.00	24.59	25.53	24.46	23.10	24.40	23.21	22.64	24.69	23.67
		18	9	22.38	26.05	25.48	23.12	26.52	25.49	21.30	25.09	23.23	21.27	25.64	24.52
		36	0	22.45	26.10	25.57	23.02	26.43	25.26	21.35	25.01	23.43	21.20	25.55	24.73
	256QAM	1	0	19.14	23.78	22.96	19.93	24.43	23.38	18.54	**23.32**	21.54	18.07	23.57	22.67
		1	1	19.13	23.68	23.35	19.90	24.52	23.33	18.29	23.28	21.38	18.11	23.64	22.63
		1	36	23.21	24.09	23.68	23.34	24.45	23.41	21.64	22.89	21.43	22.12	23.66	22.27
		1	37	23.17	**24.68**	23.49	23.40	**24.62**	23.36	21.61	22.65	21.45	22.27	23.60	22.31
		18	9	20.94	23.99	23.42	21.37	24.40	23.25	19.80	23.01	21.21	19.82	**23.90**	22.43
		36	0	21.02	24.08	23.54	21.45	24.46	23.39	19.78	23.09	21.46	19.63	23.82	22.52

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	22.06	25.23	24.25	22.20	25.24	23.82	19.50	24.30	22.54	23.45	24.58	21.11
		1	1	22.22	28.50	27.96	22.09	**28.70**	27.42	20.02	27.52	26.08	25.91	27.85	21.12
		1	49	27.88	28.52	27.51	27.70	28.67	27.70	26.04	27.65	26.28	26.11	**27.97**	27.00
		1	50	24.33	25.48	24.33	24.16	25.47	24.07	22.59	24.54	22.70	23.70	24.79	23.38
		25	12	24.23	**28.70**	28.00	24.08	28.60	27.34	22.46	**27.70**	26.13	25.97	27.91	23.30
		50	0	24.28	28.43	27.34	24.12	28.38	26.86	22.44	27.49	25.65	25.92	27.66	23.33
	QPSK	1	0	21.68	25.48	24.47	21.46	25.33	23.75	19.49	24.48	22.47	23.50	24.66	20.61
		1	1	21.78	**28.55**	27.86	21.57	28.57	27.41	19.65	27.56	26.06	26.00	27.91	20.67
		1	49	28.00	27.80	27.04	27.50	**28.68**	27.65	26.30	**27.68**	26.30	26.20	**28.00**	26.91
		1	50	24.38	25.15	24.38	24.08	25.48	24.14	22.71	24.52	22.67	23.74	24.79	23.38
		25	12	23.21	28.07	27.48	23.06	28.63	27.39	21.48	27.64	26.10	25.93	27.88	22.36
		50	0	23.16	27.53	26.88	23.08	27.82	26.34	21.50	26.97	25.17	25.97	27.09	22.37
	16QAM	1	0	21.81	25.11	24.40	21.86	25.53	23.80	19.57	24.50	22.54	23.47	24.07	20.58
		1	1	22.25	**28.14**	27.19	21.84	**28.04**	26.32	19.64	27.14	25.14	26.02	26.61	20.64
		1	49	26.96	27.01	26.80	26.83	**28.04**	26.70	25.26	**27.30**	25.16	26.18	26.76	25.95
		1	50	24.21	25.36	24.23	24.26	25.64	24.05	22.86	24.25	22.52	23.77	24.16	23.47
		25	12	22.68	27.58	26.93	22.60	27.78	26.36	21.01	26.94	25.08	25.96	**27.09**	21.82
		50	0	22.67	26.73	25.90	22.62	26.85	25.34	20.94	25.96	24.11	25.04	26.08	21.90
	64QAM	1	0	21.32	25.31	24.82	20.88	25.21	23.56	19.57	24.35	22.95	23.36	24.33	19.84
		1	1	21.36	**26.62**	25.55	20.86	26.28	24.52	19.62	**25.64**	23.68	24.42	25.37	19.98
		1	49	26.09	26.37	25.93	25.00	**26.51**	25.07	24.18	**25.64**	23.96	24.62	25.46	24.13
		1	50	24.70	25.63	24.80	23.84	25.43	24.01	22.98	24.87	22.82	23.64	24.44	23.12
		25	12	22.58	26.28	25.24	22.62	26.31	24.86	20.95	25.41	23.57	24.61	**25.79**	21.91
		50	0	22.68	26.33	25.29	22.60	26.39	24.95	20.98	25.40	23.66	24.59	25.70	21.90
	256QAM	1	0	19.37	**24.45**	22.90	19.84	24.63	22.86	17.33	23.14	21.28	22.49	23.76	18.79
		1	1	19.39	24.32	22.69	19.70	24.65	23.13	17.62	22.97	21.36	22.56	23.78	18.80
		1	49	23.24	24.04	22.89	23.22	**24.88**	23.26	21.54	23.10	21.44	22.73	23.90	22.82
		1	50	22.98	24.02	23.35	23.12	24.77	23.35	21.65	23.20	21.55	22.72	**23.92**	22.66
		25	12	21.20	24.16	23.20	21.06	24.29	22.91	19.53	23.34	21.42	22.47	23.63	20.26
		50	0	21.19	24.25	23.35	21.11	24.27	22.95	19.59	**23.35**	21.57	22.50	23.63	20.30

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	22.07	25.34	24.22	22.02	25.50	23.92	20.05	24.02	22.47	23.37	24.54	21.09
		1	1	22.28	**28.70**	28.00	22.04	28.65	27.52	20.19	27.43	26.00	25.90	27.79	21.12
		1	76	27.93	28.46	27.36	27.70	**28.70**	27.70	26.27	**27.70**	26.30	26.20	**28.00**	27.00
		1	77	24.35	25.51	24.41	24.21	25.62	24.25	22.69	24.30	22.75	23.77	24.78	23.44
		36	18	24.20	28.53	27.81	24.02	28.63	27.49	22.40	27.39	25.92	25.91	27.77	23.38
		75	0	24.23	28.29	27.35	24.08	28.39	26.89	22.34	27.23	25.59	25.90	27.57	23.41
	QPSK	1	0	21.53	25.31	24.46	21.46	25.31	23.76	19.62	24.05	22.50	23.37	24.47	20.44
		1	1	21.53	**28.52**	27.82	21.51	**28.69**	27.33	19.52	27.33	25.94	25.92	27.78	20.54
		1	76	28.00	27.78	26.89	27.68	28.68	27.31	26.30	27.37	26.22	26.17	**28.00**	26.91
		1	77	24.32	25.43	24.41	24.09	25.42	24.19	22.74	24.39	22.76	23.75	24.77	23.30
		36	18	23.14	27.99	27.43	22.94	28.65	27.39	21.42	**27.39**	26.00	25.87	27.77	22.36
		75	0	23.18	27.49	26.81	23.02	27.94	26.50	21.45	26.75	25.04	25.91	27.03	22.32
	16QAM	1	0	21.91	26.02	24.26	21.71	25.49	23.91	19.61	23.88	22.33	23.25	24.60	20.58
		1	1	21.21	**27.62**	26.79	21.59	28.07	26.76	19.38	26.66	24.47	25.76	27.17	20.82
		1	76	26.79	27.20	26.25	26.93	**28.27**	26.80	25.29	**27.07**	25.41	26.06	**27.39**	26.07
		1	77	24.39	25.43	24.27	24.32	25.80	24.33	22.78	24.20	22.56	23.63	24.94	23.62
		36	18	22.66	27.50	26.79	22.58	27.93	26.48	20.81	26.65	24.98	25.96	27.10	21.87
		75	0	22.72	26.84	25.75	22.52	26.90	25.47	20.93	25.71	23.96	25.00	26.09	21.91
	64QAM	1	0	20.98	25.82	24.46	20.79	25.06	23.68	19.33	24.53	22.67	23.20	24.20	20.00
		1	1	21.31	26.60	25.33	20.98	26.28	24.69	19.73	25.14	23.63	24.30	25.23	19.96
		1	76	25.63	**26.63**	25.58	24.97	26.28	25.26	23.89	**25.71**	23.89	24.59	25.52	24.54
		1	77	24.61	25.78	24.59	24.09	25.25	24.13	23.11	24.72	23.17	23.58	24.49	23.45
		36	18	22.67	26.27	25.14	22.53	**26.45**	25.01	20.86	25.14	23.44	24.55	**25.66**	21.95
		75	0	22.65	26.30	25.22	22.50	26.35	25.01	20.89	25.19	23.47	24.54	25.64	21.89
	256QAM	1	0	19.28	24.05	22.72	19.75	24.42	22.88	17.45	22.90	21.33	22.67	23.75	18.75
		1	1	19.04	24.12	22.39	19.84	24.60	23.18	17.37	22.77	21.35	22.73	23.76	18.78
		1	76	23.17	23.93	22.68	23.30	24.64	23.35	21.60	23.12	21.67	23.09	**24.07**	22.67
		1	77	23.22	24.08	22.89	23.38	**24.67**	23.35	21.74	23.02	21.52	23.09	24.06	22.66
		36	18	21.23	24.32	23.16	20.90	24.39	22.94	19.36	23.21	21.37	22.50	23.59	20.27
		75	0	21.20	**24.33**	23.21	21.01	24.35	23.03	19.48	**23.25**	21.39	22.48	23.61	20.34

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	22.11	25.45	24.56	22.04	25.24	23.70	20.23	24.31	22.87	23.31	24.36	21.02
		1	1	22.19	**28.67**	28.00	22.12	28.52	27.33	20.08	27.60	26.30	25.92	27.63	21.19
		1	104	28.00	28.50	27.12	27.70	**28.70**	27.70	26.26	**27.70**	26.05	26.20	**27.88**	26.95
		1	105	24.27	25.35	24.65	24.20	25.33	24.20	22.79	24.53	23.16	23.77	24.67	23.37
		50	25	24.09	28.51	27.78	24.05	28.43	27.25	22.49	27.52	26.05	25.82	27.61	23.31
		100	0	24.28	28.39	27.43	24.06	28.25	26.80	22.45	27.34	25.81	25.81	27.46	23.32
	QPSK	1	0	21.65	25.48	24.63	21.69	25.25	23.62	19.72	24.33	23.05	23.21	24.46	20.53
		1	1	21.77	**28.70**	27.66	21.64	28.39	27.38	19.79	27.52	26.30	25.83	27.71	20.58
		1	104	27.98	27.85	26.26	27.67	**28.62**	27.53	26.30	**27.58**	25.40	26.08	**28.00**	27.00
		1	105	24.46	25.30	24.71	24.26	25.37	24.17	22.89	24.49	23.23	23.72	24.76	23.32
		50	25	23.15	28.23	27.17	23.05	28.43	27.27	21.42	27.54	25.37	25.77	27.64	22.32
		100	0	23.26	27.72	26.54	23.05	27.66	26.36	21.39	26.91	24.97	25.73	26.89	22.32
	16QAM	1	0	21.66	25.77	23.77	21.58	24.94	24.07	19.42	24.01	22.92	23.22	24.54	20.89
		1	1	21.57	**28.11**	27.42	21.53	27.65	26.76	19.63	26.81	25.57	25.79	27.07	21.04
		1	104	27.24	27.19	25.84	26.61	**27.69**	26.75	24.89	**27.11**	24.90	26.08	**27.34**	26.36
		1	105	24.60	25.44	24.74	24.13	25.26	24.55	22.96	24.69	23.24	23.70	24.94	23.82
		50	25	22.59	27.69	26.73	22.48	27.66	26.28	20.96	26.81	24.86	25.72	26.86	21.87
		100	0	22.68	26.82	26.02	22.51	26.71	25.39	21.01	25.84	24.37	24.86	25.94	21.78
	64QAM	1	0	21.73	25.55	24.85	20.80	25.14	23.67	19.21	24.40	23.37	22.77	24.05	19.96
		1	1	21.47	26.54	25.68	20.82	26.12	24.84	19.42	25.80	24.18	23.95	25.20	19.81
		1	104	25.90	**26.82**	25.49	24.78	**26.40**	24.97	24.09	**26.04**	23.96	24.20	25.44	24.11
		1	105	24.70	25.62	25.14	23.80	25.19	23.95	23.12	24.84	23.37	23.22	24.42	23.23
		50	25	22.65	26.26	25.46	22.53	26.28	24.79	21.00	25.37	23.92	24.38	**25.49**	21.84
		100	0	22.69	26.40	25.60	22.54	26.19	24.88	20.99	25.26	23.91	24.35	25.41	21.83
	256QAM	1	0	19.27	24.15	23.39	19.47	24.11	22.74	17.57	23.09	22.14	22.35	23.55	18.85
		1	1	19.27	24.05	23.00	19.60	24.42	23.03	17.21	22.89	21.74	22.58	23.68	18.77
		1	104	23.34	24.34	23.32	23.04	24.44	23.38	21.37	**23.53**	21.88	22.93	23.87	22.44
		1	105	23.17	**24.36**	23.35	23.23	**24.45**	23.30	21.48	23.05	21.83	22.95	**23.88**	22.55
		50	25	21.20	24.34	23.59	20.88	24.32	22.84	19.51	23.29	21.84	22.39	23.42	20.13
		100	0	21.19	24.29	23.47	21.02	24.24	22.88	19.42	23.28	21.82	22.43	23.47	20.22

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	21.96	25.12	24.35	21.96	25.33	23.48	20.14	24.19	23.09	23.11	24.39	20.99
		1	1	22.07	28.53	28.00	22.05	28.58	27.34	19.93	27.48	26.30	25.77	27.67	21.10
		1	131	28.00	28.58	27.18	27.55	28.62	27.70	26.30	**27.70**	26.30	26.10	**27.95**	26.96
		1	132	24.34	25.43	24.66	24.12	25.35	24.18	22.95	24.50	23.13	23.67	24.73	23.30
		64	32	24.17	**28.66**	27.90	24.06	**28.65**	27.34	22.42	27.52	26.28	25.79	27.66	23.27
		128	0	24.19	28.48	27.56	24.02	28.37	26.86	22.43	27.27	26.06	25.74	27.48	23.33
	QPSK	1	0	21.50	25.40	24.77	21.43	25.39	23.52	19.54	24.27	23.12	23.11	24.39	20.52
		1	1	21.40	**28.70**	27.81	21.46	28.59	27.38	19.56	27.43	26.25	25.66	27.67	20.63
		1	131	27.75	28.03	26.60	27.70	**28.70**	27.48	26.20	**27.62**	25.57	26.05	**28.00**	27.00
		1	132	24.30	25.55	24.60	24.09	25.48	24.04	22.61	24.58	23.10	23.65	24.75	23.42
		64	32	23.03	28.12	27.33	23.01	28.64	27.36	21.46	27.57	25.70	25.78	27.71	22.28
		128	0	23.09	27.74	26.73	23.03	27.87	26.34	21.41	26.92	25.33	25.70	26.91	22.26
	16QAM	1	0	21.16	25.38	24.79	21.53	25.17	23.64	19.30	24.29	23.10	23.21	24.53	20.13
		1	1	21.44	**28.06**	27.27	21.74	27.50	26.45	19.67	26.68	25.71	25.85	27.09	20.28
		1	131	27.06	27.63	26.01	26.83	27.83	26.74	25.22	26.82	25.02	26.20	**27.46**	25.67
		1	132	24.34	24.92	24.76	24.44	25.15	24.26	22.81	24.37	23.04	23.81	24.92	23.15
		64	32	22.58	27.56	26.81	22.48	**27.88**	26.25	20.90	**26.93**	25.20	25.78	26.95	21.81
		128	0	22.59	26.89	26.15	22.48	26.80	25.27	20.90	25.92	24.53	24.81	25.88	21.83
	64QAM	1	0	20.96	25.60	24.96	20.72	24.92	23.18	19.14	24.83	23.23	22.96	23.89	19.79
		1	1	21.34	**26.69**	26.01	20.72	25.67	24.53	19.35	**25.72**	24.13	24.19	25.02	20.05
		1	131	25.56	26.67	25.34	24.74	26.03	24.84	23.95	25.66	24.48	24.48	25.36	24.39
		1	132	24.51	25.42	24.94	23.95	25.15	23.77	22.84	24.68	23.54	23.49	24.34	23.10
		64	32	22.52	26.33	25.64	22.49	**26.33**	24.87	20.90	25.34	24.01	24.40	**25.47**	21.85
		128	0	22.49	26.30	25.51	22.53	26.28	24.87	20.78	25.25	23.99	24.33	25.42	21.79
	256QAM	1	0	18.88	**24.44**	23.13	19.57	24.63	22.82	16.73	22.82	22.04	22.37	23.57	18.74
		1	1	19.05	24.18	23.72	19.40	24.52	23.09	17.16	22.72	21.32	22.56	23.66	18.75
		1	131	22.74	24.19	23.32	23.39	**24.76**	23.28	21.36	22.99	21.87	22.94	**23.95**	22.63
		1	132	22.85	24.14	23.24	22.98	24.71	23.36	21.36	23.03	22.02	22.94	23.94	22.68
		64	32	21.06	24.29	23.60	20.92	24.29	22.92	19.47	**23.35**	21.95	22.36	23.49	20.28
		128	0	21.06	24.30	23.48	21.00	24.32	22.79	19.37	23.21	21.98	22.29	23.48	20.26

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	22.05	25.23	24.76	21.93	25.23	24.17	20.15	23.96	23.11	24.02	24.37	21.07
		1	1	21.91	28.58	28.00	21.89	28.49	27.70	20.31	27.43	26.25	25.74	27.64	21.28
		1	160	27.91	28.60	27.08	27.53	**28.70**	27.44	26.30	**27.70**	26.20	26.09	**27.98**	27.00
		1	161	24.20	25.46	24.57	24.10	25.38	24.69	22.89	24.40	23.04	24.68	24.78	23.54
		81	40	24.10	**28.67**	27.94	24.01	28.59	27.60	22.69	27.64	26.07	25.79	27.72	23.60
		162	0	24.17	28.47	27.56	24.05	28.43	27.43	22.64	27.31	26.07	25.72	27.48	23.62
	QPSK	1	0	21.42	25.26	24.57	21.42	25.31	24.16	19.62	24.40	23.04	24.16	24.32	20.70
		1	1	21.47	**28.70**	27.74	21.47	28.57	27.67	19.83	27.51	26.30	25.82	27.63	20.75
		1	160	28.00	28.09	26.60	27.70	**28.63**	27.26	26.28	**27.64**	25.42	26.20	**28.00**	26.99
		1	161	24.31	25.42	24.73	24.13	25.48	24.63	22.83	24.46	23.12	24.78	24.79	23.36
		81	40	23.09	28.22	27.54	23.00	**28.63**	27.33	21.68	27.57	25.93	25.79	27.75	22.60
		162	0	23.24	27.96	26.75	23.08	27.87	26.89	21.63	26.80	25.51	25.68	26.93	22.62
	16QAM	1	0	21.33	25.69	25.39	21.73	25.40	24.15	19.60	24.12	23.12	24.09	24.27	20.59
		1	1	21.31	27.81	27.61	21.61	27.90	27.22	19.52	26.63	25.39	25.72	26.95	20.88
		1	160	27.00	27.70	26.03	27.19	**28.21**	26.76	25.55	26.78	24.70	26.10	**27.25**	26.36
		1	161	24.13	25.29	24.30	24.42	25.50	24.80	22.50	24.50	22.77	24.73	24.72	23.57
		81	40	22.68	**27.84**	26.98	22.54	27.91	26.29	21.09	**26.86**	25.39	25.81	27.03	22.03
		162	0	22.77	26.87	26.10	22.51	26.79	25.79	21.05	25.88	24.42	25.64	25.90	21.97
	64QAM	1	0	21.34	25.56	24.84	20.59	24.99	23.68	19.54	24.75	23.34	23.72	24.06	19.85
		1	1	21.53	**26.85**	25.84	20.75	26.26	25.03	19.57	25.39	24.06	24.97	25.19	19.97
		1	160	25.76	26.71	25.08	24.82	**26.44**	24.81	24.00	**25.69**	24.23	25.07	25.52	24.22
		1	161	24.59	25.68	24.76	24.02	25.28	24.42	22.98	24.68	23.29	24.34	24.57	23.19
		81	40	22.76	26.37	25.55	22.48	26.36	25.08	21.17	25.25	23.84	25.42	**25.56**	22.05
		162	0	22.75	26.41	25.65	22.54	26.38	25.40	21.07	25.27	23.89	25.25	25.43	22.05
	256QAM	1	0	19.48	23.73	22.88	19.67	24.45	23.10	17.50	22.67	21.82	23.30	23.60	18.78
		1	1	19.02	24.01	23.47	19.59	24.59	23.51	16.99	22.93	21.82	23.60	23.69	18.95
		1	160	23.00	24.25	23.04	23.40	24.61	23.86	21.59	23.10	21.80	23.94	**24.03**	22.85
		1	161	23.03	24.26	22.99	23.40	**24.67**	23.95	21.24	22.91	21.52	23.93	24.01	22.64
		81	40	21.15	24.35	23.51	20.99	24.36	23.42	19.68	23.29	21.81	23.40	23.58	20.57
		162	0	21.23	**24.38**	23.56	21.01	24.39	23.35	19.66	**23.32**	21.88	23.29	23.48	20.45

OUTPUT POWER FOR 5G NR n41 (70.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 2			ANT 1			ANT 4			ANT 3		
				506200	518600	531000	506200	518600	531000	506200	518600	531000	506200	518600	531000
				2531.0	2593.0	2655.0	2531.0	2593.0	2655.0	2531.0	2593.0	2655.0	2531.0	2593.0	2655.0
70.0	BPSK	1	0	22.24	23.40	24.64	22.31	23.33	24.26	20.51	22.05	23.02	23.91	22.37	22.62
		1	1	22.44	23.48	27.89	22.48	23.43	27.51	20.66	22.34	26.04	25.64	22.47	22.59
		1	187	27.66	**28.70**	27.23	27.70	**28.70**	27.43	26.30	**27.51**	26.18	25.97	**27.97**	26.94
		1	188	24.57	25.41	24.60	24.35	25.41	24.72	23.03	24.44	23.02	24.56	24.71	24.80
		90	45	24.58	28.64	28.00	24.37	28.58	27.63	22.96	27.47	26.08	25.67	27.70	24.80
		180	0	24.58	28.55	27.77	24.42	28.31	27.46	22.90	27.25	26.02	25.55	27.41	24.84
	QPSK	1	0	21.82	23.05	24.94	21.83	22.68	24.05	19.97	21.72	22.91	23.83	21.84	22.03
		1	1	21.95	22.83	27.58	21.92	22.99	27.70	19.99	21.66	26.30	25.49	22.01	22.13
		1	187	28.00	28.45	26.73	27.67	**28.66**	27.06	26.14	**27.70**	25.48	25.85	**28.00**	27.00
		1	188	24.72	25.43	24.71	24.49	25.41	24.72	22.91	24.21	23.11	24.46	24.72	24.80
		90	45	23.45	**28.55**	27.77	23.42	28.58	27.43	21.97	27.46	26.10	25.65	27.70	23.85
		180	0	23.46	28.02	27.01	23.41	27.75	26.86	21.86	26.71	25.46	25.48	26.84	23.83
	16QAM	1	0	21.59	23.45	24.63	22.11	22.79	23.58	19.96	21.63	22.56	24.11	21.61	21.76
		1	1	21.44	22.69	27.33	22.12	22.98	26.77	19.97	21.63	25.81	25.81	21.81	21.88
		1	187	27.43	**28.01**	26.31	27.08	**28.09**	26.49	25.73	26.42	24.99	26.20	**27.07**	26.71
		1	188	24.64	25.45	24.78	24.65	25.59	24.49	22.97	24.48	23.26	24.72	24.51	24.66
		90	45	23.02	**28.01**	27.31	22.84	27.84	26.59	21.36	**26.72**	25.38	25.60	26.98	23.22
		180	0	22.98	27.01	26.29	22.90	26.87	25.90	21.46	25.70	24.42	25.48	25.87	23.23
	64QAM	1	0	21.74	22.93	24.88	21.24	22.31	23.70	19.78	21.18	23.30	23.60	21.13	21.23
		1	1	21.11	22.48	26.16	21.47	22.20	25.04	20.02	21.70	24.56	24.93	21.30	21.77
		1	187	25.89	**26.78**	25.36	25.28	**26.42**	24.95	23.73	**25.35**	24.35	25.00	**25.63**	**25.63**
		1	188	24.84	25.52	24.76	24.29	25.18	24.47	22.79	24.66	23.09	24.30	24.60	24.58
		90	45	22.91	26.42	25.79	22.91	26.30	25.15	21.42	25.10	23.86	25.28	25.47	23.25
		180	0	22.97	26.42	25.76	22.86	**26.42**	25.42	21.34	25.16	23.96	25.13	25.33	23.27
	256QAM	1	0	19.77	20.80	23.47	20.00	21.21	23.31	17.51	19.57	21.56	23.27	19.97	20.30
		1	1	19.18	20.79	23.86	20.63	21.11	23.77	17.54	19.18	21.79	23.55	20.05	20.23
		1	187	23.36	23.84	23.44	23.79	**24.83**	23.91	21.75	22.91	22.28	23.97	23.87	23.83
		1	188	23.46	24.33	23.40	23.74	24.74	24.08	21.55	22.54	21.90	23.97	23.86	**24.22**
		90	45	21.45	**24.43**	23.65	21.42	24.39	23.36	19.93	**23.26**	21.83	23.23	23.51	21.80
		180	0	21.40	24.41	23.61	21.36	24.44	23.42	19.85	23.11	21.85	23.10	23.36	21.78

OUTPUT POWER FOR 5G NR n41 (80.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 2			ANT 1			ANT 4			ANT 3		
				507200	518600	530000	507200	518600	530000	507200	518600	530000	507200	518600	530000
				2536.0	2593.0	2650.0	2536.0	2593.0	2650.0	2536.0	2593.0	2650.0	2536.0	2593.0	2650.0
80.0	BPSK	1	0	22.49	23.55	24.64	22.31	23.17	23.89	20.57	22.27	22.92	23.88	22.21	22.40
		1	1	22.50	23.38	27.90	22.28	23.18	27.47	20.46	22.33	26.29	25.57	22.33	22.53
		1	215	28.00	28.60	26.98	27.62	**28.70**	27.28	26.13	**27.68**	26.23	26.06	**27.97**	27.00
		1	216	24.81	25.29	24.80	24.44	25.35	24.63	22.96	24.44	23.15	24.63	24.73	24.78
		108	54	24.74	**28.70**	28.00	24.41	28.63	27.70	23.04	27.60	26.30	25.77	27.70	24.73
		216	0	24.64	28.55	27.59	24.34	28.33	27.31	22.91	27.35	26.06	25.62	27.41	24.65
	QPSK	1	0	21.89	22.98	24.70	21.71	22.50	23.78	19.99	21.80	22.88	23.88	21.70	21.76
		1	1	22.12	22.72	27.46	21.77	22.71	27.52	20.00	21.77	26.24	25.67	21.90	21.94
		1	215	27.89	**28.47**	26.31	27.70	28.58	27.28	26.30	**27.70**	25.49	26.17	**28.00**	26.99
		1	216	24.86	25.43	24.69	24.43	25.49	24.61	22.96	24.56	23.21	24.73	24.77	24.71
		108	54	23.62	28.38	27.55	23.33	**28.66**	27.56	22.03	27.57	26.28	25.73	27.63	23.70
		216	0	23.60	27.93	26.81	23.31	27.82	26.95	21.98	26.85	25.57	25.53	26.77	23.72
	16QAM	1	0	22.15	23.25	24.62	21.43	23.03	24.25	20.08	21.32	23.36	23.91	21.55	21.92
		1	1	21.77	22.76	27.00	21.50	23.26	27.25	20.21	21.52	25.48	25.69	21.71	22.03
		1	215	26.92	**28.00**	25.81	26.67	**28.37**	26.71	25.66	**26.86**	24.95	26.20	**27.10**	26.77
		1	216	24.90	25.06	24.86	24.05	25.99	25.33	22.43	24.04	22.59	24.75	24.56	24.55
		108	54	23.13	27.94	27.05	22.77	27.86	26.56	21.48	26.84	25.45	25.71	26.95	23.22
		216	0	23.12	26.97	26.19	22.84	26.88	25.89	21.44	25.95	24.52	25.54	25.82	23.19
	64QAM	1	0	22.05	22.56	25.29	21.00	21.86	23.63	19.69	21.43	23.15	23.64	20.91	21.39
		1	1	21.96	22.03	25.73	21.03	21.94	25.35	19.64	21.50	24.52	25.07	21.14	21.41
		1	215	26.40	**26.65**	25.22	25.39	26.24	24.77	24.31	**25.91**	24.07	25.27	25.48	**25.86**
		1	216	25.36	25.94	24.84	24.21	25.30	24.46	22.86	24.97	23.26	24.56	24.48	24.72
		108	54	23.13	26.50	25.63	22.82	**26.42**	25.15	21.59	25.31	24.10	25.31	25.45	23.17
		216	0	23.03	26.39	25.54	22.80	26.31	25.37	21.51	25.33	24.06	25.12	25.28	23.15
	256QAM	1	0	19.94	20.45	23.51	19.87	20.76	22.97	17.45	19.31	21.61	22.97	19.74	19.94
		1	1	19.84	20.53	23.05	20.07	20.94	23.69	17.70	19.52	21.64	23.30	19.81	20.18
		1	215	23.55	**24.56**	22.87	23.61	**24.57**	23.95	21.53	22.40	21.67	23.81	23.77	24.07
		1	216	23.00	24.26	23.76	23.52	24.50	23.90	21.60	22.99	21.70	23.82	23.77	**24.18**
		108	54	21.73	24.35	23.56	21.23	24.39	23.40	19.98	**23.40**	21.87	23.32	23.48	21.72
		216	0	21.64	24.35	23.53	21.23	24.38	23.44	19.87	23.31	22.05	23.14	23.34	21.73

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	22.25	23.32	24.72	22.10	23.24	23.90	20.33	22.21	22.89	23.72	22.21	22.24
		1	1	22.35	23.35	27.93	22.13	23.16	27.70	20.35	22.08	26.30	25.44	22.42	22.33
		1	243	28.00	28.56	27.20	27.70	**28.62**	27.48	26.30	**27.70**	26.07	26.09	**27.79**	26.88
		1	244	24.75	25.56	24.95	24.24	25.28	24.73	22.92	24.25	23.23	24.68	24.65	24.74
		120	60	24.64	**28.60**	28.00	24.28	28.56	27.69	22.91	27.29	26.21	25.69	27.73	24.51
		243	0	24.65	28.59	27.78	24.27	28.25	27.43	22.85	27.07	25.98	25.55	27.48	24.55
	QPSK	1	0	22.10	22.91	24.98	21.52	22.46	23.68	19.80	21.38	23.02	23.71	21.77	21.59
		1	1	22.11	22.99	27.69	21.65	22.72	27.29	20.01	21.37	26.20	25.49	22.00	21.83
		1	243	27.81	**28.70**	26.50	27.52	**28.70**	27.52	26.18	27.21	25.46	26.16	**28.00**	26.90
		1	244	25.05	25.52	24.81	24.29	25.50	24.66	22.98	24.33	22.98	24.70	24.71	24.57
		120	60	23.63	28.62	27.77	23.20	28.56	27.48	21.93	**27.30**	26.24	25.66	27.76	23.55
		243	0	23.63	28.00	26.99	23.21	27.78	26.88	21.85	26.57	25.52	25.44	27.03	23.59
	16QAM	1	0	22.01	23.01	24.91	21.97	22.65	23.48	19.54	21.49	23.11	23.77	21.55	21.74
		1	1	21.74	23.09	27.09	21.99	23.05	26.51	20.11	21.59	25.45	25.54	21.69	21.87
		1	243	26.73	**28.18**	26.25	26.92	**28.38**	26.50	25.64	**26.98**	24.97	26.20	26.92	27.00
		1	244	24.93	25.62	24.79	24.41	25.60	24.37	22.80	23.73	23.32	24.80	24.67	24.74
		120	60	23.13	27.96	27.32	22.70	27.81	26.67	21.44	26.61	25.41	25.66	**27.01**	23.05
		243	0	23.11	27.00	26.27	22.70	26.70	25.90	21.47	25.55	24.49	25.42	26.06	23.04
	64QAM	1	0	21.88	22.51	24.74	20.66	21.74	24.21	19.91	21.12	22.90	23.46	21.19	21.00
		1	1	21.70	22.58	25.77	21.01	21.44	25.05	19.62	21.09	24.60	24.81	21.37	21.25
		1	243	25.84	**27.12**	25.79	25.21	26.03	24.90	24.46	**25.48**	23.86	25.07	**25.72**	25.62
		1	244	25.05	26.22	25.12	24.35	25.15	24.51	23.49	24.06	23.09	24.47	24.64	24.61
		120	60	23.08	26.34	25.87	22.65	**26.35**	25.27	21.45	25.05	23.94	25.26	25.51	22.99
		243	0	23.11	26.45	25.85	22.67	26.25	25.43	21.38	25.05	23.94	25.00	25.51	23.02
	256QAM	1	0	19.80	20.64	23.79	19.62	20.88	23.23	17.64	19.21	21.74	22.71	19.94	19.70
		1	1	19.38	20.60	23.51	19.53	20.98	23.53	17.62	19.36	21.80	23.09	20.05	19.90
		1	243	23.39	24.08	23.02	23.64	**24.95**	24.15	21.41	**23.18**	21.74	23.68	23.87	23.91
		1	244	23.08	24.28	23.05	23.63	24.78	23.99	21.97	22.81	21.49	23.69	**24.11**	23.66
		120	60	21.57	**24.41**	23.73	21.16	24.33	23.33	19.94	23.09	21.89	23.29	23.46	21.62
		243	0	21.52	24.38	23.70	21.21	24.27	23.38	19.87	23.01	21.90	23.07	23.49	21.55

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	22.70	23.38	22.84	22.31	23.28	21.88	20.16	22.30	20.89	21.64	22.21	22.14
		1	1	22.65	23.12	22.72	22.48	23.16	22.51	20.25	22.34	20.95	22.04	22.60	22.65
		1	271	28.00	**28.70**	27.49	27.68	**28.70**	27.30	26.30	**27.70**	26.30	26.10	**27.94**	26.96
		1	272	24.80	25.30	24.70	24.61	25.32	24.58	23.07	24.46	23.33	24.68	24.63	24.78
		135	67	24.88	28.51	28.00	24.40	28.50	27.46	22.89	27.50	26.28	25.69	27.83	24.62
		270	0	24.86	28.36	27.67	24.41	28.30	27.23	22.75	27.27	26.15	25.52	27.58	24.67
	QPSK	1	0	21.85	22.73	22.20	21.80	22.35	21.16	19.83	21.76	20.49	21.06	21.71	21.74
		1	1	22.08	22.48	21.86	21.94	22.74	21.49	19.69	21.64	20.44	21.55	21.96	21.87
		1	271	27.60	**28.53**	26.64	27.70	**28.70**	27.70	26.17	**27.69**	25.93	26.04	**28.00**	27.00
		1	272	24.86	25.13	24.49	24.56	25.48	24.39	23.15	24.40	23.05	24.65	24.75	24.81
		135	67	23.83	28.23	27.56	23.43	28.46	27.28	21.91	27.49	26.25	25.63	27.84	23.55
		270	0	23.77	27.79	26.70	23.46	27.79	26.70	21.78	26.78	25.62	25.34	27.01	23.60
	16QAM	1	0	22.07	22.43	21.89	21.80	22.45	21.82	19.54	21.49	20.53	21.19	21.85	21.98
		1	1	22.12	22.81	22.34	22.17	22.68	22.11	19.64	21.72	20.92	21.66	22.03	21.93
		1	271	27.10	26.93	26.43	27.03	**27.79**	26.83	25.67	**26.90**	25.32	26.20	**27.23**	26.91
		1	272	24.95	25.24	24.34	24.39	25.57	25.15	22.98	24.64	23.08	24.80	24.54	24.60
		135	67	23.39	**27.64**	27.03	22.87	27.78	26.58	21.25	26.72	25.61	25.61	27.08	23.15
		270	0	23.26	26.76	26.17	22.91	26.85	25.80	21.18	25.67	24.58	25.29	26.11	23.21
	64QAM	1	0	21.72	22.74	21.80	21.10	22.10	20.44	19.19	21.66	20.04	20.13	20.75	21.06
		1	1	21.91	22.83	21.61	21.15	22.34	20.75	19.64	21.53	20.32	20.62	21.08	21.42
		1	271	26.37	**26.75**	25.82	25.32	26.27	24.94	24.07	25.06	24.09	25.02	25.61	**25.64**
		1	272	25.91	25.73	25.23	24.45	25.36	24.37	23.21	24.23	23.69	24.27	24.44	24.76
		135	67	23.30	26.27	25.67	22.99	**26.37**	25.34	21.29	25.21	24.07	25.22	25.59	23.15
		270	0	23.27	26.21	25.69	22.98	26.32	25.30	21.20	**25.31**	24.09	24.94	25.54	23.21
	256QAM	1	0	19.82	20.67	20.10	20.08	20.44	19.37	17.68	19.27	18.18	19.34	19.71	19.77
		1	1	20.07	20.44	19.62	19.90	20.96	20.03	17.41	19.14	18.43	19.73	19.65	20.43
		1	271	23.55	23.93	23.45	23.68	24.57	23.97	21.48	22.87	21.88	23.87	23.65	23.99
		1	272	23.82	23.82	23.75	23.69	**24.78**	23.91	21.96	22.64	21.94	23.89	23.98	**24.07**
		135	67	21.91	**24.22**	23.71	21.38	24.36	23.36	19.82	**23.22**	21.98	23.28	23.67	21.62
		270	0	21.74	**24.22**	23.63	21.40	24.33	23.31	19.71	23.18	21.99	22.96	23.53	21.68

8.11. LTE BAND 48 AND 5G NR n48

LTE BAND 48

Test Engineer ID:	28774	Test Date:	11/18/2022

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	25.72	25.63	25.92	25.62	25.66	25.71	25.48	25.50	25.67	24.04	24.01	**24.19**
		1	12	**25.84**	**25.70**	**26.00**	**25.74**	**25.73**	**25.80**	**25.63**	**25.66**	**25.80**	**24.20**	**24.03**	24.06
		1	24	25.77	25.63	25.91	25.63	25.67	25.70	25.62	25.62	25.73	23.77	23.86	23.75
		12	0	25.45	25.37	25.62	25.04	25.07	25.12	24.86	24.87	25.06	23.28	23.07	23.15
		12	6	25.52	25.39	25.65	25.11	25.11	25.16	24.93	24.93	25.07	23.14	23.06	23.10
		12	11	25.49	25.37	25.60	25.04	25.08	25.11	24.91	24.94	25.05	23.02	22.97	22.96
		25	0	25.45	25.33	25.58	25.04	25.05	25.12	24.92	24.90	25.06	23.12	23.02	23.04
	16QAM	1	0	25.83	25.74	25.79	25.44	25.40	25.58	25.11	25.09	25.28	**23.55**	23.34	**23.51**
		1	12	**25.99**	**25.82**	**25.88**	**25.51**	**25.59**	**25.71**	**25.27**	**25.26**	**25.44**	23.45	**23.38**	23.40
		1	24	25.88	25.73	25.79	25.47	25.47	25.55	25.26	25.20	25.37	23.06	23.19	23.11
		12	0	24.50	24.44	24.39	24.04	24.20	24.19	24.05	23.95	24.13	22.36	21.98	22.16
		12	6	24.60	24.52	24.33	24.19	24.12	24.30	24.13	24.00	24.18	22.22	21.99	22.13
		12	11	24.49	24.41	24.45	24.14	24.08	24.20	24.14	24.00	24.14	22.14	21.91	22.00
		25	0	24.47	24.39	24.36	24.10	24.08	24.13	23.95	23.96	24.11	22.11	22.07	22.09
	64QAM	1	0	24.71	24.51	24.75	24.22	24.22	24.22	24.03	24.08	24.24	22.24	**22.34**	**22.47**
		1	12	**24.81**	24.56	**24.86**	**24.24**	**24.28**	**24.41**	24.12	**24.19**	**24.31**	22.38	22.32	22.34
		1	24	24.76	**24.65**	24.77	24.15	24.25	24.28	**24.15**	24.14	24.25	**22.41**	22.23	22.03
		12	0	23.46	23.45	23.47	23.05	23.08	23.21	22.92	22.99	23.07	21.17	21.16	21.20
		12	6	23.60	23.46	23.60	23.11	23.13	23.21	22.98	23.04	23.12	21.23	21.14	21.16
		12	11	23.42	23.47	23.43	23.10	23.11	23.18	22.97	23.04	23.10	21.22	21.09	21.05
		25	0	23.47	23.40	23.52	23.10	23.07	23.16	22.96	23.00	23.07	21.20	21.10	21.12
	256QAM	1	0	21.47	**21.44**	21.50	21.10	21.10	**21.22**	20.98	21.05	21.17	19.20	19.21	**19.42**
		1	12	**21.63**	**21.44**	**21.65**	**21.25**	**21.20**	21.09	**21.13**	**21.10**	**21.26**	**19.42**	**19.23**	19.22
		1	24	21.45	21.40	21.54	21.06	21.09	21.13	21.12	21.09	21.23	19.41	19.12	18.93
		12	0	21.44	21.37	21.53	21.07	21.10	21.14	20.94	20.95	21.05	19.15	19.14	19.21
		12	6	21.53	21.40	21.56	21.08	21.14	21.17	20.98	21.03	21.10	19.22	19.14	19.16
		12	11	21.46	21.35	21.52	21.11	21.08	21.14	20.97	21.01	21.11	19.20	19.08	19.02
		25	0	21.45	21.38	21.51	21.07	21.09	21.16	20.93	20.98	21.07	19.18	19.09	19.10

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	25.82	25.78	**26.00**	25.63	25.67	25.73	25.67	25.54	25.72	23.75	**23.80**	**24.20**
		1	24	**25.90**	**25.81**	25.99	**25.68**	**25.73**	**25.80**	**25.80**	25.66	**25.77**	23.90	23.61	23.89
		1	49	25.86	25.77	25.95	25.65	25.70	25.71	**25.80**	**25.73**	**25.77**	**24.09**	23.47	23.39
		25	0	25.58	25.52	25.63	25.11	25.14	25.16	25.06	24.97	25.12	22.79	22.80	23.16
		25	12	25.61	25.59	25.70	25.16	25.20	25.18	25.13	25.07	25.17	22.97	22.71	23.01
		25	24	25.60	25.55	25.69	25.14	25.15	25.24	25.15	25.08	25.18	23.08	22.63	22.76
		50	0	25.58	25.50	22.70	25.09	25.14	22.70	25.12	25.03	22.70	22.97	22.69	22.70
	16QAM	1	0	25.91	25.74	25.93	25.38	25.34	**25.53**	25.31	25.11	25.42	23.08	**23.15**	**23.57**
		1	24	25.94	**25.85**	**25.95**	**25.45**	25.35	25.52	25.44	25.29	25.36	23.21	22.86	23.15
		1	49	**25.96**	25.67	25.88	25.31	**25.38**	25.47	**25.45**	**25.36**	**25.44**	**23.45**	22.77	22.70
		25	0	24.65	24.59	24.54	24.15	24.16	24.24	24.08	24.01	24.07	21.83	21.80	22.17
		25	12	24.66	24.61	24.65	24.14	24.20	24.19	24.15	24.10	24.14	22.02	21.72	22.00
		25	24	24.61	24.59	24.64	24.14	24.25	24.27	24.17	24.13	24.14	22.12	21.64	21.78
		50	0	24.61	24.55	22.70	24.12	24.16	22.70	24.09	24.04	22.70	21.99	21.73	21.97
	64QAM	1	0	24.73	24.64	24.84	24.18	24.21	24.26	24.10	24.15	24.18	21.88	**22.12**	**22.53**
		1	24	24.79	**24.70**	**24.88**	**24.20**	**24.29**	**24.43**	**24.20**	24.23	24.17	22.13	21.88	22.21
		1	49	**24.82**	24.61	24.77	24.19	24.28	24.29	**24.20**	**24.33**	**24.22**	**22.27**	21.75	21.70
		25	0	23.60	23.54	23.57	23.13	23.19	23.18	23.05	23.05	23.13	20.82	20.88	21.24
		25	12	23.67	23.57	23.70	23.16	23.22	23.14	23.14	23.14	23.19	21.01	20.80	21.07
		25	24	23.62	23.57	23.66	23.13	23.18	23.20	23.15	23.16	23.19	21.09	20.73	20.83
		50	0	23.59	23.52	22.70	23.11	23.16	22.70	23.11	23.12	22.70	21.00	20.79	21.04
	256QAM	1	0	21.60	**21.57**	21.56	21.03	21.07	21.09	21.04	21.05	21.12	18.80	**18.99**	**19.44**
		1	24	**21.71**	21.52	**21.75**	21.05	21.12	**21.29**	**21.28**	21.22	**21.34**	19.08	18.87	19.21
		1	49	21.64	21.56	21.68	21.05	**21.17**	21.13	21.24	**21.27**	21.20	**19.25**	18.70	18.63
		25	0	21.57	21.50	21.56	21.08	21.14	21.10	21.04	21.03	21.12	18.80	18.87	19.23
		25	12	21.62	21.52	21.67	**21.12**	**21.17**	21.13	21.15	21.13	21.19	18.97	18.80	19.04
		25	24	21.62	21.51	21.62	**21.12**	21.14	21.17	21.13	21.16	21.16	19.07	18.71	18.81
		50	0	21.60	21.53	21.54	21.10	**21.17**	21.13	21.06	21.09	21.14	18.97	18.78	19.01

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	25.87	25.82	25.99	25.63	25.49	25.53	25.61	25.46	25.66	23.47	**23.67**	**23.95**
		1	37	25.92	25.80	25.98	25.67	25.51	**25.61**	**25.80**	25.67	25.76	23.82	23.40	23.90
		1	74	**26.00**	**25.86**	**26.00**	**25.80**	**25.58**	25.54	25.65	**25.74**	**25.78**	**24.20**	23.27	23.26
		36	0	25.66	25.53	25.72	25.12	24.98	24.95	25.07	24.98	25.13	22.62	22.62	23.18
		36	16	25.67	25.62	25.70	25.12	24.95	25.00	25.12	25.06	25.15	22.86	22.54	23.06
		36	35	25.69	25.62	25.67	25.11	24.95	24.99	25.13	25.13	25.18	23.02	22.48	22.79
		75	0	21.70	25.61	20.20	21.70	24.91	20.20	21.70	25.04	20.20	21.70	22.55	20.20
	16QAM	1	0	25.87	25.76	25.93	25.29	25.15	25.31	25.20	25.00	25.33	22.86	**23.00**	23.22
		1	37	25.95	**25.87**	25.89	25.38	25.21	25.25	**25.48**	25.43	25.37	23.19	22.77	**23.28**
		1	74	**25.96**	25.82	**25.96**	**25.41**	**25.25**	**25.33**	25.44	**25.46**	**25.50**	**23.59**	22.68	22.53
		36	0	24.63	24.52	24.71	24.15	23.93	23.99	24.11	24.02	24.15	21.64	21.63	22.18
		36	16	24.67	24.60	24.69	24.11	23.95	24.08	24.15	24.09	24.17	21.87	21.57	22.07
		36	35	24.67	24.62	24.68	24.15	23.97	24.01	24.15	24.14	24.22	22.06	21.49	21.82
		75	0	21.70	24.62	20.20	21.70	23.94	20.20	21.70	24.04	20.20	21.70	21.60	20.20
	64QAM	1	0	24.75	24.68	24.86	**24.31**	24.03	24.02	24.17	24.10	24.34	21.64	**21.87**	**22.17**
		1	37	24.81	24.65	24.85	24.15	24.10	**24.11**	**24.19**	**24.36**	**24.36**	22.02	21.73	22.11
		1	74	**24.82**	**24.71**	**24.87**	24.24	**24.20**	24.04	24.10	24.28	24.30	**22.41**	21.66	21.47
		36	0	23.63	23.53	23.73	23.08	22.97	22.91	23.10	23.06	23.20	20.63	20.70	21.24
		36	16	23.66	23.59	23.71	23.12	23.00	22.97	23.14	23.15	23.23	20.86	20.64	21.11
		36	35	23.65	23.62	23.68	23.14	22.97	22.95	23.16	23.21	23.26	21.06	20.54	20.84
		75	0	21.70	23.61	20.20	21.70	22.99	20.20	21.70	23.13	20.20	20.92	20.67	20.20
	256QAM	1	0	21.54	21.42	21.76	21.06	20.75	20.92	20.96	21.04	21.36	18.71	**19.14**	**19.30**
		1	37	21.67	21.55	**21.85**	21.06	20.91	20.92	21.22	21.26	**21.37**	19.00	18.68	19.27
		1	74	**21.83**	21.61	21.76	**21.19**	**21.02**	**20.99**	**21.23**	**21.40**	**21.37**	**19.58**	18.53	18.61
		36	0	21.67	21.54	21.70	21.12	20.97	20.89	21.07	21.03	21.17	18.65	18.68	19.19
		36	16	21.66	21.60	21.67	21.11	20.97	20.95	21.13	21.12	21.20	18.89	18.60	19.07
		36	35	21.70	**21.63**	21.62	21.13	20.95	20.93	21.13	21.19	21.24	19.07	18.52	18.81
		75	0	21.70	21.62	20.20	21.14	20.94	20.20	21.11	21.13	20.20	18.91	18.64	18.99

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	25.82	25.73	25.87	**25.71**	**25.77**	**25.80**	25.61	25.38	25.61	23.34	**23.71**	23.47
		1	49	25.82	25.75	25.83	25.66	25.73	25.75	**25.80**	25.70	25.74	23.78	23.29	**23.93**
		1	99	**25.94**	**25.78**	**26.00**	25.70	25.76	25.77	25.61	**25.72**	**25.80**	**24.20**	23.26	23.03
		50	0	25.52	25.42	25.59	25.07	25.15	25.08	25.09	24.94	25.06	22.52	22.52	22.92
		50	24	25.54	25.50	25.67	25.09	25.17	25.15	25.16	25.09	25.15	22.89	22.41	22.97
		50	49	25.56	25.49	25.60	25.09	25.16	25.13	25.11	25.15	25.16	23.12	22.32	22.70
		100	0	21.70	25.46	20.20	21.70	25.14	20.20	21.70	25.04	20.20	21.70	22.38	20.20
	16QAM	1	0	25.71	25.68	25.80	25.37	25.41	25.38	25.28	25.07	25.31	22.70	**23.12**	22.80
		1	49	25.91	25.64	**25.97**	**25.56**	**25.74**	**25.67**	**25.67**	**25.56**	**25.64**	23.38	22.77	**23.40**
		1	99	**25.93**	**25.82**	25.83	25.36	25.54	25.35	25.28	25.42	25.47	**23.60**	22.61	22.44
		50	0	24.54	24.41	24.60	24.07	24.11	24.08	24.11	23.96	24.09	21.55	21.53	21.92
		50	24	24.58	24.52	24.68	24.11	24.14	24.17	24.15	24.09	24.16	21.91	21.40	21.99
		50	49	24.58	24.50	24.66	24.11	24.14	24.12	24.10	24.17	24.18	22.14	21.33	21.72
		100	0	21.70	24.50	20.20	21.70	24.08	20.20	21.70	24.03	20.20	21.70	21.38	20.20
	64QAM	1	0	24.74	24.73	24.80	24.10	**24.31**	24.27	23.97	23.97	24.19	21.56	**22.01**	21.72
		1	49	**25.07**	**24.79**	**24.97**	**24.30**	24.20	**24.47**	**24.60**	**24.59**	**24.50**	22.02	21.59	**22.26**
		1	99	24.91	24.60	24.83	24.15	24.28	24.25	24.03	24.27	24.32	**22.45**	21.58	21.18
		50	0	23.50	23.39	23.57	23.05	23.14	23.07	23.08	23.01	23.10	20.50	20.53	20.89
		50	24	23.56	23.53	23.65	23.10	23.18	23.17	23.15	23.14	23.21	20.88	20.43	20.95
		50	49	23.56	23.48	23.61	23.08	23.14	23.14	23.10	23.22	23.21	21.09	20.33	20.68
		100	0	21.70	23.52	20.20	21.70	23.13	20.20	21.70	23.13	20.20	20.86	20.39	20.20
	256QAM	1	0	21.54	21.49	21.52	21.10	**21.21**	21.18	21.17	21.08	21.23	18.59	**18.99**	18.60
		1	49	21.58	21.50	21.64	21.04	21.15	21.08	**21.37**	21.34	21.26	18.79	18.31	**19.00**
		1	99	**21.63**	**21.77**	**21.66**	**21.15**	21.09	**21.28**	21.21	**21.41**	**21.43**	**19.46**	18.33	18.13
		50	0	21.53	21.43	21.57	21.03	21.12	21.04	21.08	20.99	21.11	18.54	18.50	18.86
		50	24	21.58	21.50	21.63	21.06	21.13	21.12	21.14	21.15	21.16	18.88	18.39	18.93
		50	49	21.60	21.50	21.58	21.05	21.11	21.09	21.07	21.22	21.20	19.11	18.33	18.68
		100	0	21.58	21.47	20.20	21.04	21.13	20.20	21.06	21.09	20.20	18.87	18.39	18.77

5G NR n48

Test Engineer ID:	50822	Test Date:	11/30/2022

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	25.49	25.44	25.36	25.47	25.59	25.53	25.30	25.27	25.30	23.97	23.99	23.96
		1	1	25.93	25.93	25.81	**25.72**	**25.80**	**25.69**	25.77	**25.77**	**25.78**	24.09	**24.16**	**24.20**
		1	22	**26.00**	**26.00**	25.82	25.70	25.79	25.64	**25.80**	25.73	25.75	**24.16**	24.09	24.19
		1	23	25.38	25.36	25.34	25.45	25.60	25.40	25.21	25.17	25.23	23.87	23.98	23.74
		12	6	25.88	25.94	**25.89**	25.59	25.74	25.63	25.75	25.66	**25.78**	23.97	24.06	23.98
		24	0	22.80	25.45	25.35	25.39	25.40	25.46	22.69	25.18	25.32	23.83	23.94	23.72
	QPSK	1	0	24.85	24.97	24.79	25.00	25.02	25.07	24.72	24.69	24.71	23.33	23.56	23.33
		1	1	25.90	25.95	25.88	**25.80**	25.62	25.76	**25.76**	**25.80**	**25.80**	24.16	**24.20**	24.04
		1	22	25.87	25.93	25.86	25.67	**25.69**	**25.80**	25.75	25.71	25.68	**24.20**	24.06	**24.14**
		1	23	24.80	24.85	24.78	24.98	24.95	24.93	24.67	24.67	24.67	23.41	23.41	23.28
		12	6	**25.92**	**26.00**	**26.00**	25.62	25.64	25.63	25.71	25.70	25.76	23.99	24.08	24.00
		24	0	22.89	25.01	24.88	24.92	24.85	24.98	22.70	24.67	24.74	23.31	23.43	23.28
	16QAM	1	0	23.85	24.00	24.07	23.95	23.73	24.17	23.56	23.50	23.45	22.39	22.31	22.19
		1	1	24.83	24.91	25.06	**25.06**	24.82	**25.00**	24.52	24.60	24.42	**23.48**	23.11	**23.53**
		1	22	24.80	24.92	**25.10**	24.76	**25.03**	24.93	24.66	24.67	24.43	23.30	**23.57**	23.32
		1	23	23.78	23.90	23.81	24.01	24.08	24.21	23.52	23.63	23.34	22.35	22.65	22.31
		12	6	**24.88**	**25.02**	24.83	24.95	24.92	24.99	**24.72**	**24.70**	**24.84**	23.35	23.41	23.36
		24	0	22.82	24.05	23.84	23.82	23.85	23.94	22.64	23.71	23.79	22.34	22.43	22.31
	64QAM	1	0	**23.42**	23.43	23.19	**23.79**	**24.03**	**23.96**	23.14	23.07	23.18	**22.22**	**22.12**	21.57
		1	1	23.40	23.46	23.34	23.75	23.99	23.85	23.03	22.89	23.17	21.90	21.95	**22.06**
		1	22	23.35	23.38	23.22	23.67	23.68	23.52	23.15	22.98	23.14	21.79	21.82	21.83
		1	23	23.38	23.13	23.14	23.73	23.62	23.73	23.04	22.94	22.96	21.95	21.97	21.95
		12	6	23.38	23.40	23.40	23.35	23.21	23.40	**23.29**	23.29	**23.34**	21.78	21.92	21.80
		24	0	22.85	**23.52**	**23.52**	23.30	23.33	23.48	22.72	**23.34**	23.28	21.73	21.98	21.78
	256QAM	1	0	21.31	21.38	21.29	21.45	**21.36**	21.31	21.14	21.26	**21.18**	**19.87**	19.78	19.64
		1	1	**21.34**	**21.50**	**21.32**	21.12	21.05	21.33	21.15	21.14	21.11	19.59	19.80	**19.77**
		1	22	21.15	21.45	21.31	21.03	21.10	21.12	21.09	21.09	21.07	19.76	**19.86**	19.63
		1	23	21.23	21.20	21.08	21.17	21.20	21.24	21.08	21.05	21.04	19.82	19.72	19.72
		12	6	21.02	21.33	21.23	**21.46**	21.30	**21.45**	21.06	21.17	21.04	19.85	19.79	19.66
		24	0	21.26	21.31	21.30	21.22	21.24	21.34	**21.17**	**21.39**	21.13	19.75	19.80	19.65

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	25.55	25.52	25.44	25.68	25.40	25.76	25.29	25.27	25.38	23.88	24.04	23.79
		1	1	25.98	**26.00**	25.85	25.73	**25.78**	**25.80**	25.79	**25.80**	25.77	**24.13**	**24.19**	**24.09**
		1	36	**26.00**	25.65	25.82	**25.80**	25.61	25.63	**25.80**	25.66	**25.80**	24.03	24.04	**24.09**
		1	37	25.47	25.23	25.43	25.55	25.46	25.37	25.25	25.11	25.25	23.85	23.82	23.90
		18	9	25.89	25.88	**26.00**	25.63	25.63	25.57	25.78	25.79	25.75	24.01	24.02	24.00
		36	0	21.00	25.36	21.00	21.00	25.51	21.00	21.00	25.26	21.00	19.20	23.84	19.20
	QPSK	1	0	24.88	24.89	25.07	25.14	25.68	25.08	24.71	24.69	24.64	23.44	23.46	23.54
		1	1	25.91	**25.85**	25.93	**25.74**	**25.80**	**25.75**	**25.71**	25.66	**25.77**	**24.20**	**24.20**	**24.20**
		1	36	**25.92**	25.83	**25.97**	**25.74**	25.73	25.49	25.70	25.65	25.73	24.03	23.84	24.09
		1	37	24.83	24.79	24.88	24.97	25.41	24.81	24.69	24.46	24.65	23.38	23.28	23.27
		18	9	25.87	25.70	25.83	25.64	25.65	25.59	**25.71**	**25.72**	25.57	23.97	23.98	23.27
		36	0	21.00	24.75	21.00	21.00	25.46	21.00	21.00	24.67	21.00	19.20	23.26	19.20
	16QAM	1	0	24.11	24.05	23.78	24.20	**25.02**	24.30	23.59	23.87	23.81	22.43	22.75	22.36
		1	1	**25.06**	24.82	24.83	**25.13**	24.97	24.94	24.51	**24.93**	**24.87**	**23.38**	23.41	**23.52**
		1	36	25.01	**24.98**	24.84	25.09	24.89	**25.03**	24.66	24.60	24.84	23.18	23.44	23.34
		1	37	24.01	23.68	23.81	24.12	24.65	23.83	23.52	23.88	23.88	22.33	22.39	22.49
		18	9	24.87	24.78	**24.91**	25.06	24.57	24.90	**24.88**	24.77	24.77	23.24	**23.45**	23.41
		36	0	21.00	23.76	21.00	21.00	24.72	21.00	21.00	23.77	21.00	19.20	22.36	19.20
	64QAM	1	0	23.45	**23.63**	**23.23**	23.92	**23.90**	**24.01**	23.22	**23.71**	**23.51**	21.96	22.02	22.02
		1	1	**23.51**	23.57	23.08	**23.93**	23.87	23.85	23.13	23.46	23.30	21.83	**22.31**	**22.10**
		1	36	23.41	23.36	23.20	23.73	23.66	23.56	23.13	23.40	23.30	**21.99**	22.05	21.87
		1	37	23.46	23.43	23.10	23.91	23.71	23.57	23.19	23.22	23.17	21.79	21.95	21.89
		18	9	23.33	23.23	23.20	23.55	23.40	23.34	**23.25**	23.22	23.18	21.72	21.84	21.71
		36	0	21.00	23.20	21.00	21.00	23.38	21.00	21.00	23.17	21.00	19.20	21.80	19.20
	256QAM	1	0	**21.45**	20.89	21.28	**21.45**	21.18	21.26	**21.24**	**21.30**	21.00	19.32	19.82	**20.00**
		1	1	21.37	**21.39**	**21.80**	21.10	21.32	21.25	21.13	21.25	20.95	19.33	**19.84**	19.84
		1	36	**21.45**	21.23	21.22	21.30	21.10	21.14	21.19	21.08	21.24	**19.67**	19.56	19.85
		1	37	21.34	21.29	21.37	21.25	**21.51**	20.90	21.20	20.98	**21.27**	19.38	19.48	19.70
		18	9	21.36	21.19	21.33	21.43	21.32	**21.34**	**21.24**	21.12	21.22	19.47	19.63	19.95
		36	0	21.00	21.28	21.00	21.00	21.49	21.00	21.00	21.22	21.00	19.20	19.75	19.20

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	25.43	25.50	25.39	25.60	25.24	25.58	25.19	25.20	25.20	23.94	23.78	23.99
		1	1	25.98	**26.00**	**25.96**	**25.80**	25.46	**25.78**	**25.80**	25.65	**25.74**	24.12	**24.13**	**24.20**
		1	49	25.98	25.80	25.80	25.71	25.37	25.42	25.77	25.56	25.65	24.05	23.92	24.08
		1	50	25.44	25.23	25.16	25.53	25.17	25.24	25.30	25.04	25.05	23.91	23.73	23.88
		25	12	**26.00**	25.83	25.85	25.67	**25.61**	25.53	25.75	**25.66**	25.70	**24.17**	24.04	24.18
		50	0	20.92	25.32	20.75	20.92	25.50	20.77	20.67	25.12	20.62	19.20	23.85	19.20
	QPSK	1	0	24.92	24.97	24.89	25.10	25.11	25.20	24.73	24.73	24.74	23.41	23.32	23.22
		1	1	**25.94**	**25.98**	**26.00**	25.76	**25.80**	**25.80**	**25.79**	**25.80**	**25.80**	**24.20**	**24.20**	**24.16**
		1	49	**25.94**	25.82	25.72	**25.78**	25.68	25.32	25.71	25.56	25.69	24.16	23.93	24.03
		1	50	24.86	24.77	24.65	25.01	24.90	24.67	24.70	24.60	24.63	23.39	23.13	23.25
		25	12	25.90	25.82	25.79	25.65	25.66	25.43	25.76	25.67	25.70	24.19	24.10	24.15
		50	0	20.88	24.82	20.69	21.00	24.91	20.81	20.64	24.68	20.66	19.20	23.26	19.20
	16QAM	1	0	23.98	23.97	23.81	23.96	24.11	24.05	23.34	23.95	23.83	22.55	22.63	22.12
		1	1	24.64	24.92	**24.96**	**25.16**	**25.03**	**24.92**	24.44	**24.99**	**24.76**	23.51	**23.63**	**23.37**
		1	49	24.59	24.93	24.65	25.03	24.79	24.60	24.49	24.93	24.64	**23.53**	23.33	**23.37**
		1	50	23.63	23.74	23.61	23.77	24.54	23.71	23.38	23.87	23.52	22.45	22.36	22.47
		25	12	**24.88**	**24.94**	24.78	24.86	24.96	24.79	**24.70**	24.36	24.63	23.34	23.36	23.18
		50	0	20.88	23.82	20.71	20.94	24.09	20.80	20.65	23.42	20.63	19.20	22.42	19.20
	64QAM	1	0	**23.51**	**23.52**	23.37	23.96	23.81	**24.01**	22.96	22.74	23.09	21.56	21.72	21.74
		1	1	23.25	23.49	**23.38**	23.78	**23.92**	23.63	23.16	22.78	23.21	21.37	**21.83**	21.76
		1	49	23.36	23.37	23.22	24.00	23.79	23.73	23.01	22.61	22.82	21.55	21.44	**21.89**
		1	50	23.23	23.23	23.14	**24.05**	23.85	23.55	22.98	22.70	22.83	21.44	21.35	21.83
		25	12	23.48	23.26	23.34	23.41	23.56	23.29	**23.28**	22.95	**23.23**	**21.84**	21.80	21.83
		50	0	20.88	23.34	20.81	21.00	23.59	20.80	20.76	**22.98**	20.67	19.20	21.78	19.20
	256QAM	1	0	21.24	21.29	**21.43**	**21.61**	21.22	21.32	21.23	**20.90**	**21.22**	19.93	**19.97**	**20.03**
		1	1	21.17	21.19	21.25	21.33	**21.64**	**21.53**	**21.27**	**20.90**	21.14	19.84	19.94	**20.03**
		1	49	21.07	20.97	21.11	21.54	21.16	21.00	21.20	20.64	21.02	**20.05**	19.78	19.95
		1	50	**21.37**	20.93	21.03	21.42	21.48	20.76	21.05	20.65	21.02	19.99	19.88	19.77
		25	12	21.29	21.23	21.19	21.41	21.57	21.28	21.10	20.83	21.07	19.74	19.68	19.77
		50	0	20.89	**21.31**	20.90	21.00	**21.64**	20.83	20.68	**20.90**	20.55	19.20	19.72	19.20

OUTPUT POWER FOR 5G NR n48 (30.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 7			ANT 8			ANT 9			ANT 4		
				637666	641666	645666	637666	641666	645666	637666	641666	645666	637666	641666	645666
				3565.0	3625.0	3685.0	3565.0	3625.0	3685.0	3565.0	3625.0	3685.0	3565.0	3625.0	3685.0
30.0	BPSK	1	0	25.46	25.42	25.36	25.34	25.47	25.54	25.28	25.20	25.16	23.92	23.90	23.86
		1	1	**26.00**	**25.99**	**26.00**	25.54	**25.80**	25.70	**25.80**	**25.70**	**25.69**	**24.20**	**24.14**	24.09
		1	76	25.92	25.96	25.83	**25.58**	25.62	**25.75**	25.70	25.64	25.54	24.18	23.72	**24.20**
		1	77	25.37	25.42	25.36	25.29	25.47	25.42	25.17	25.25	24.93	23.96	23.55	23.94
		36	18	25.96	25.97	25.85	25.44	25.65	25.57	25.77	25.66	25.62	24.08	23.99	24.13
		75	0	19.00	25.44	19.00	19.00	25.48	19.00	19.00	25.13	19.00	17.20	23.80	17.20
	QPSK	1	0	24.92	24.95	25.04	24.86	25.03	25.15	24.79	24.63	24.56	23.36	23.44	22.89
		1	1	**25.92**	25.96	**25.97**	**25.80**	**25.80**	25.71	**25.78**	**25.80**	**25.80**	**24.19**	**24.20**	23.81
		1	76	25.84	**26.00**	25.81	25.43	25.66	**25.80**	25.57	25.73	25.48	24.05	23.97	**24.14**
		1	77	24.77	25.01	24.98	24.78	25.03	24.96	24.71	24.72	24.48	23.33	23.19	23.27
		36	18	25.90	25.99	25.85	25.48	25.69	25.62	25.69	25.63	25.67	24.14	24.04	24.08
		75	0	19.00	24.97	19.00	19.00	24.94	19.00	19.00	24.65	19.00	17.20	23.27	17.20
	16QAM	1	0	23.93	24.01	23.85	23.84	24.15	23.60	23.45	23.43	23.45	22.55	21.96	22.06
		1	1	**24.98**	**24.96**	**24.90**	24.90	24.83	24.96	24.47	24.36	24.55	**23.79**	23.27	22.93
		1	76	24.79	24.93	24.75	**25.19**	**24.95**	**24.98**	24.36	**24.70**	24.56	23.62	22.90	**23.39**
		1	77	23.81	24.05	23.93	24.00	24.06	24.13	23.16	23.58	23.53	22.77	21.71	22.44
		36	18	24.91	24.95	24.76	24.69	24.89	24.87	**24.70**	24.58	**24.57**	23.37	**23.39**	23.26
		75	0	19.00	24.01	19.00	19.00	23.92	19.00	19.00	23.66	19.00	17.20	22.33	17.20
	64QAM	1	0	23.30	23.29	23.17	23.62	**24.09**	**23.88**	23.21	23.01	22.98	21.76	21.47	21.74
		1	1	23.31	23.28	22.86	23.35	23.76	23.61	23.06	22.93	**23.22**	**21.91**	21.69	21.55
		1	76	23.18	23.50	22.85	**23.77**	23.58	23.47	22.83	23.25	22.92	21.60	21.44	21.94
		1	77	23.28	23.37	22.96	23.33	23.92	23.72	22.89	**23.31**	22.90	21.62	21.27	**22.20**
		36	18	**23.35**	23.48	**23.21**	23.23	23.41	23.41	**23.24**	23.15	23.08	21.83	**21.89**	21.80
		75	0	19.00	**23.53**	19.00	18.71	23.45	18.86	19.00	23.12	19.00	17.20	21.84	17.20
	256QAM	1	0	**21.50**	21.55	**21.51**	**21.39**	21.41	20.96	21.24	21.07	21.09	20.08	**20.21**	20.11
		1	1	21.35	21.48	21.26	21.35	21.47	21.10	**21.38**	21.15	**21.22**	20.18	20.13	19.87
		1	76	21.18	21.61	21.12	21.11	21.09	21.06	21.09	21.01	21.03	**20.25**	19.56	**20.13**
		1	77	21.38	**21.65**	21.48	21.18	21.07	21.06	20.98	**21.22**	21.06	20.24	19.49	20.04
		36	18	21.25	21.42	21.04	21.34	21.51	**21.48**	21.10	21.00	20.91	19.89	19.50	19.74
		75	0	19.00	21.46	19.00	18.79	**21.54**	18.92	19.00	21.10	19.00	17.20	19.52	17.20

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	25.36	25.38	25.30	25.30	25.48	25.70	24.94	25.06	25.37	23.85	23.93	23.33
		1	1	**26.00**	**25.91**	**26.00**	25.52	**25.80**	**25.80**	25.49	25.57	**25.79**	**24.19**	**24.14**	23.51
		1	104	25.94	25.85	25.61	**25.57**	25.74	25.73	**25.80**	**25.75**	25.39	23.89	23.91	**23.97**
		1	105	25.51	25.33	25.16	25.28	25.44	25.57	25.27	25.33	24.91	23.75	23.67	23.81
		50	25	25.93	25.84	25.70	25.34	25.52	25.60	25.50	25.67	25.67	23.99	23.73	23.71
		100	0	19.00	25.28	19.00	19.00	25.40	19.00	19.00	25.17	19.00	17.20	23.66	17.20
	QPSK	1	0	24.79	24.69	24.80	24.90	25.05	25.16	24.49	24.68	24.77	23.62	23.27	23.06
		1	1	25.88	25.87	**25.74**	25.50	25.67	**25.73**	25.60	25.64	**25.80**	**24.20**	**24.20**	23.81
		1	104	**25.94**	**26.00**	25.71	**25.80**	**25.75**	25.64	**25.70**	**25.80**	25.53	24.10	24.03	**24.20**
		1	105	24.91	24.88	24.64	25.04	24.85	25.04	24.79	24.77	24.39	23.23	23.42	23.30
		50	25	25.88	25.74	25.71	25.37	25.55	25.54	25.56	25.71	25.69	24.05	23.72	23.70
		100	0	19.00	24.81	19.00	19.00	24.86	19.00	19.00	24.71	19.00	17.20	22.99	17.20
	16QAM	1	0	24.08	23.82	23.85	23.47	24.11	24.23	23.30	24.04	23.91	22.21	22.42	21.70
		1	1	25.14	24.69	**24.92**	24.54	**24.87**	**24.88**	24.04	25.14	**24.94**	**23.72**	**23.21**	22.92
		1	104	**25.22**	**24.97**	24.57	**25.29**	**24.87**	24.55	24.46	**25.18**	24.84	22.71	**23.21**	**23.13**
		1	105	24.06	23.78	23.61	24.13	24.20	24.30	23.41	23.88	23.54	22.13	22.42	22.28
		50	25	24.80	24.90	24.71	24.62	24.85	24.81	**24.56**	24.56	24.70	23.25	23.05	22.93
		100	0	19.00	23.80	19.00	19.00	23.81	19.00	19.00	23.49	19.00	17.20	22.07	17.20
	64QAM	1	0	23.05	22.99	23.18	23.45	23.65	**23.85**	22.85	23.07	23.02	22.00	**22.04**	21.58
		1	1	23.28	22.86	**23.30**	**23.67**	23.58	23.45	22.75	**23.15**	22.99	**22.18**	21.88	21.45
		1	104	23.32	23.13	22.87	23.48	**23.67**	23.62	22.97	22.99	22.77	21.52	21.48	**22.10**
		1	105	23.26	23.26	22.79	23.55	23.64	23.48	**23.18**	23.09	22.59	21.85	21.93	21.94
		50	25	**23.34**	**23.32**	23.15	23.05	23.36	23.41	23.02	23.03	**23.18**	21.78	21.47	21.41
		100	0	19.00	23.28	19.00	18.67	23.40	18.98	19.00	23.04	19.00	17.20	21.64	17.20
	256QAM	1	0	21.13	21.55	**21.49**	20.82	**21.44**	21.11	20.88	**21.08**	20.87	19.83	**19.89**	19.10
		1	1	21.35	**21.60**	21.11	20.94	21.00	21.45	20.54	21.05	20.92	19.79	19.75	19.13
		1	104	**21.40**	21.43	20.89	20.98	20.97	21.45	**21.04**	21.07	20.72	19.36	19.43	**19.86**
		1	105	21.34	21.43	20.96	**21.28**	21.29	**21.55**	20.79	20.88	20.89	**20.00**	19.18	19.69
		50	25	21.29	21.25	21.05	21.19	**21.44**	**21.55**	20.95	20.95	**21.09**	19.65	19.43	19.39
		100	0	19.00	21.26	19.00	18.60	21.30	18.91	19.00	20.92	19.00	17.20	19.60	17.20

8.12. LTE BAND 66 AND 5G NR n66

LTE BAND 66

Test Engineer ID:	25602	Test Date:	11/16/2022

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	25.67	25.59	25.48	25.64	25.53	25.42	25.45	25.40	25.34	25.03	25.16	25.11
		1	2	**25.70**	25.61	25.52	**25.70**	25.60	25.45	**25.50**	25.46	25.35	25.09	**25.20**	25.10
		1	5	25.67	25.57	25.45	25.67	25.58	25.42	25.42	25.40	25.29	25.07	25.19	25.09
		3	0	25.63	25.57	25.46	25.66	25.58	25.46	25.44	25.40	25.34	25.06	25.18	25.11
		3	1	25.66	25.57	25.45	25.67	25.61	25.50	25.41	25.43	25.32	25.05	25.19	25.13
		3	2	25.68	25.58	25.45	25.69	25.64	25.51	25.47	25.41	25.30	25.04	25.18	25.13
		6	0	24.94	24.86	24.76	24.98	24.93	24.79	24.55	24.49	24.38	24.02	24.14	24.06
	16QAM	1	0	**25.35**	25.24	25.10	25.46	25.39	25.14	**24.95**	24.84	24.79	24.29	24.30	24.39
		1	2	25.33	25.25	25.15	**25.53**	25.45	25.08	**24.95**	24.87	24.79	24.26	24.33	**24.45**
		1	5	25.30	25.25	25.18	25.51	25.45	25.15	24.92	24.83	24.74	24.26	24.37	24.44
		3	0	25.13	25.07	24.97	25.35	25.28	25.07	24.75	24.69	24.58	24.21	24.35	24.28
		3	1	25.12	25.07	24.99	25.33	25.28	25.06	24.76	24.70	24.55	24.25	24.35	24.30
		3	2	25.18	25.08	24.97	25.34	25.30	25.06	24.82	24.72	24.61	24.23	24.35	24.28
		6	0	24.06	23.98	23.86	24.21	24.11	23.96	23.62	23.57	23.42	23.06	23.22	23.08
	64QAM	1	0	24.18	24.07	23.92	24.17	24.07	23.96	23.64	23.69	23.54	23.25	**23.48**	23.35
		1	2	24.21	24.08	23.99	**24.41**	24.14	24.02	23.67	**23.72**	23.55	23.22	23.40	23.44
		1	5	**24.22**	24.04	23.93	24.32	24.10	24.03	23.56	23.67	23.54	23.23	23.39	23.35
		3	0	24.04	23.99	23.82	24.08	24.08	23.84	23.63	23.59	23.46	23.17	23.22	23.23
		3	1	24.05	24.01	23.85	24.10	24.07	23.80	23.63	23.61	23.45	23.18	23.22	23.23
		3	2	24.05	24.01	23.83	24.13	24.09	23.83	23.62	23.61	23.46	23.21	23.22	23.24
		6	0	23.05	22.92	22.80	23.08	22.90	22.77	22.52	22.44	22.36	22.12	22.21	22.06
	256QAM	1	0	21.08	20.99	20.80	21.11	21.04	20.86	20.65	20.57	20.51	20.16	**20.24**	20.20
		1	2	21.11	21.04	20.76	21.10	21.04	20.86	**20.74**	20.60	20.60	20.15	20.20	20.19
		1	5	**21.15**	21.02	20.82	**21.13**	20.96	20.79	20.65	20.54	20.52	20.09	20.18	20.16
		3	0	21.04	20.88	20.80	21.03	20.96	20.76	20.60	20.54	20.46	20.11	20.17	20.12
		3	1	21.05	20.89	20.82	21.05	20.94	20.77	20.63	20.52	20.46	20.10	20.22	20.13
		3	2	21.03	20.91	20.80	21.01	20.91	20.76	20.62	20.55	20.43	20.13	20.21	20.13
		6	0	20.92	20.72	20.65	20.97	20.94	20.54	20.59	20.48	20.30	20.07	20.05	20.11

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	25.58	25.47	25.40	25.61	25.46	25.39	25.30	25.26	25.25	25.03	25.16	25.11
		1	7	**25.70**	25.59	25.48	**25.70**	25.61	25.49	**25.50**	25.42	25.33	25.09	**25.20**	25.10
		1	14	25.62	25.49	25.38	25.64	25.51	25.38	25.36	25.34	25.20	25.07	25.19	25.09
		8	0	25.00	24.85	24.77	24.98	24.84	24.73	24.54	24.49	24.39	25.06	25.18	25.11
		8	4	25.00	24.89	24.77	25.05	24.90	24.76	24.58	24.54	24.45	25.05	25.19	25.13
		8	7	25.01	24.87	24.77	25.07	24.91	24.78	24.55	24.52	24.44	25.04	25.18	25.13
		15	0	24.97	24.86	24.74	25.07	24.91	24.76	24.54	24.47	24.38	24.02	24.14	24.06
	16QAM	1	0	25.21	25.04	25.02	25.47	25.33	25.29	24.80	24.71	24.68	24.29	24.30	24.39
		1	7	**25.30**	25.18	25.11	25.51	25.40	25.31	**25.00**	24.81	24.78	24.26	24.33	**24.45**
		1	14	25.23	25.08	24.99	**25.56**	25.33	25.30	24.83	24.77	24.62	24.26	24.37	24.44
		8	0	24.04	23.90	23.81	24.18	24.07	23.91	23.61	23.52	23.43	24.21	24.35	24.28
		8	4	24.05	23.95	23.86	24.22	24.12	23.94	23.64	23.51	23.48	24.25	24.35	24.30
		8	7	24.06	23.94	23.84	24.21	24.11	23.95	23.65	23.52	23.46	24.23	24.35	24.28
		15	0	23.99	23.87	23.76	24.13	24.06	23.89	23.59	23.52	23.41	23.06	23.22	23.08
	64QAM	1	0	24.14	23.99	23.95	24.25	24.11	23.99	23.68	23.66	23.54	23.25	**23.48**	23.35
		1	7	**24.26**	24.10	23.92	**24.33**	24.12	24.11	**23.82**	23.79	23.57	23.22	23.40	23.44
		1	14	24.18	23.97	23.87	24.30	24.06	23.97	23.66	23.66	23.53	23.23	23.39	23.35
		8	0	23.03	22.91	22.79	23.04	22.95	22.76	22.62	22.54	22.46	23.17	23.22	23.23
		8	4	23.06	22.95	22.82	23.09	22.99	22.81	22.64	22.57	22.48	23.18	23.22	23.23
		8	7	23.07	22.93	22.82	23.09	22.98	22.80	22.65	22.59	22.47	23.21	23.22	23.24
		15	0	22.97	22.88	22.75	23.05	22.94	22.77	22.58	22.54	22.42	22.12	22.21	22.06
	256QAM	1	0	20.93	20.87	20.82	**21.08**	20.97	20.87	20.54	20.47	20.47	20.16	**20.24**	20.20
		1	7	21.08	**21.09**	20.92	21.07	20.99	20.89	**20.69**	20.61	20.65	20.15	20.20	20.19
		1	14	21.00	20.94	20.78	21.01	20.97	20.82	20.65	20.53	20.53	20.09	20.18	20.16
		8	0	20.99	20.84	20.74	20.98	20.86	20.74	20.57	20.51	20.42	20.11	20.17	20.12
		8	4	21.02	20.90	20.78	21.03	20.88	20.77	20.64	20.54	20.48	20.10	20.22	20.13
		8	7	21.01	20.90	20.78	20.99	20.88	20.72	20.60	20.52	20.49	20.13	20.21	20.13
		15	0	20.98	20.83	20.77	20.97	20.83	20.70	20.58	20.51	20.44	20.07	20.05	20.11

OUTPUT POWER FOR LTE BAND 66 (5.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				131997	132322	132647	131997	132322	132647	131997	132322	132647	131997	132322	132647
				1712.5	1745.0	1777.5	1712.5	1745.0	1777.5	1712.5	1745.0	1777.5	1712.5	1745.0	1777.5
5.0	QPSK	1	0	25.54	25.46	25.38	25.56	25.40	25.35	25.34	25.29	25.24	25.02	25.05	25.08
		1	12	**25.70**	25.62	25.51	**25.70**	25.55	25.42	**25.50**	25.44	25.36	25.14	**25.20**	25.16
		1	24	25.61	25.50	25.32	25.66	25.49	25.36	25.42	25.36	25.22	25.02	25.10	25.10
		12	0	24.91	24.79	24.70	24.97	24.78	24.71	24.53	24.49	24.38	23.97	24.09	24.08
		12	6	24.95	24.84	24.71	25.02	24.84	24.76	24.56	24.51	24.42	24.09	24.13	24.12
		12	11	24.92	24.80	24.69	24.99	24.84	24.75	24.55	24.49	24.36	24.07	24.09	24.10
		25	0	24.89	24.84	24.68	24.99	24.82	24.74	24.55	24.48	24.39	24.06	24.11	24.04
	16QAM	1	0	25.14	25.16	25.02	25.38	25.27	25.18	24.84	24.73	24.69	24.39	24.43	24.41
		1	12	**25.36**	25.32	25.18	**25.48**	25.43	25.23	**24.94**	24.89	24.76	24.42	24.53	**24.54**
		1	24	25.21	25.21	25.07	25.45	25.39	25.20	24.87	24.83	24.67	24.41	24.46	24.44
		12	0	23.91	23.82	23.75	24.06	23.92	23.85	23.58	23.46	23.43	22.94	23.22	23.07
		12	6	23.93	23.85	23.78	24.11	23.95	23.88	23.64	23.49	23.47	23.03	23.24	23.13
		12	11	23.92	23.84	23.77	24.09	23.93	23.82	23.62	23.48	23.44	23.02	23.21	23.10
		25	0	23.86	23.84	23.78	24.10	23.92	23.81	23.53	23.50	23.38	23.09	23.07	23.09
	64QAM	1	0	23.86	23.88	23.80	23.93	23.83	23.84	23.57	23.51	23.52	23.09	23.25	23.24
		1	12	**23.96**	**23.96**	23.85	**24.10**	23.90	23.87	**23.69**	23.61	23.49	23.23	**23.40**	23.31
		1	24	23.87	23.93	23.74	24.06	23.89	23.84	**23.69**	23.59	23.46	23.16	23.31	23.26
		12	0	22.90	22.84	22.74	23.00	22.83	22.73	22.54	22.50	22.40	21.99	22.12	22.04
		12	6	22.96	22.86	22.75	23.02	22.90	22.73	22.59	22.53	22.45	22.09	22.17	22.09
		12	11	22.93	22.84	22.72	23.00	22.86	22.71	22.59	22.51	22.39	22.08	22.11	22.06
		25	0	22.91	22.81	22.70	22.98	22.82	22.71	22.55	22.48	22.37	22.03	22.10	22.03
	256QAM	1	0	20.85	20.80	20.75	21.01	20.73	20.75	20.60	20.41	20.51	19.94	19.96	20.01
		1	12	**21.01**	20.89	20.80	**21.17**	20.86	20.81	**20.76**	20.61	20.55	20.09	20.11	20.11
		1	24	**21.01**	20.92	20.73	21.07	20.81	20.71	20.73	20.53	20.51	20.06	**20.12**	20.05
		12	0	20.90	20.82	20.69	20.90	20.78	20.67	20.56	20.47	20.37	19.97	20.11	20.03
		12	6	20.94	20.84	20.73	20.94	20.79	20.68	20.58	20.52	20.40	20.07	**20.12**	20.07
		12	11	20.91	20.82	20.68	20.92	20.76	20.63	20.56	20.48	20.38	20.02	20.10	20.03
		25	0	20.90	20.81	20.65	20.88	20.74	20.65	20.57	20.46	20.37	20.02	20.10	20.01

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	25.60	25.54	25.46	25.59	25.42	25.38	25.43	25.32	25.27	25.04	25.10	24.98
		1	24	**25.70**	25.61	25.49	**25.70**	25.53	25.45	**25.50**	25.40	25.30	25.09	**25.20**	25.13
		1	49	25.67	25.61	25.40	25.66	25.51	25.36	25.46	25.43	25.24	25.06	25.15	25.05
		25	0	24.98	24.82	24.73	24.96	24.82	24.69	24.58	24.41	24.35	24.01	24.07	23.98
		25	12	25.02	24.93	24.75	25.06	24.88	24.69	24.62	24.53	24.37	24.15	24.18	23.99
		25	24	25.00	24.93	24.78	25.06	24.86	24.77	24.62	24.54	24.41	24.07	24.11	24.09
		50	0	24.98	24.90	24.71	25.04	24.88	24.69	24.60	24.51	24.33	24.09	24.15	23.97
	16QAM	1	0	25.45	25.43	25.19	25.46	25.34	25.19	24.85	24.79	24.73	24.38	24.48	24.41
		1	24	**25.46**	25.39	25.25	**25.53**	25.33	25.18	24.81	24.80	24.65	24.37	24.55	24.48
		1	49	25.39	25.45	25.15	25.51	25.27	25.14	24.84	**24.86**	24.66	24.33	**24.56**	24.46
		25	0	24.16	23.98	23.91	24.13	24.02	23.78	23.59	23.43	23.37	22.99	23.13	23.02
		25	12	24.18	24.05	23.90	24.17	24.00	23.79	23.64	23.59	23.39	23.10	23.19	23.04
		25	24	24.14	24.06	23.93	24.15	24.01	23.85	23.63	23.58	23.43	23.04	23.17	23.15
		50	0	24.13	24.01	23.85	24.14	23.98	23.78	23.60	23.52	23.35	23.07	23.17	22.99
	64QAM	1	0	24.06	23.95	24.00	24.19	24.05	23.94	23.79	23.58	23.64	23.17	23.19	23.13
		1	24	**24.21**	24.01	24.06	**24.21**	24.11	23.98	**23.87**	23.69	23.67	23.22	**23.27**	23.23
		1	49	**24.21**	24.05	23.96	24.17	24.14	23.87	23.82	23.63	23.62	23.15	23.19	23.19
		25	0	22.98	22.83	22.73	23.04	22.87	22.73	22.60	22.39	22.35	21.99	22.10	21.97
		25	12	23.04	22.94	22.72	23.04	22.87	22.73	22.62	22.51	22.35	22.12	22.18	22.01
		25	24	23.04	22.94	22.76	23.02	22.87	22.77	22.64	22.52	22.42	22.09	22.16	22.07
		50	0	23.01	22.91	22.70	23.03	22.87	22.69	22.62	22.51	22.34	22.10	22.17	21.99
	256QAM	1	0	20.92	20.92	20.86	20.91	20.78	20.81	20.59	20.43	20.44	20.03	20.13	19.96
		1	24	21.09	**21.12**	21.00	**21.06**	20.90	20.85	**20.74**	20.61	20.55	20.08	**20.31**	20.14
		1	49	21.05	21.05	20.83	21.05	20.89	20.72	20.68	20.62	20.49	20.09	20.23	20.11
		25	0	20.98	20.83	20.70	20.96	20.82	20.69	20.60	20.39	20.33	20.02	20.15	19.95
		25	12	21.01	20.93	20.73	21.01	20.86	20.67	20.64	20.53	20.36	20.13	20.21	20.03
		25	24	21.01	20.93	20.74	20.99	20.83	20.65	20.63	20.54	20.40	20.10	20.18	20.09
		50	0	20.99	20.90	20.70	20.96	20.79	20.62	20.60	20.49	20.33	20.10	20.16	19.97

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	25.58	25.52	25.51	25.55	25.49	25.46	25.40	25.25	25.33	25.12	25.16	25.05
		1	37	**25.70**	25.52	25.49	25.65	25.47	25.41	25.42	25.39	25.32	25.14	**25.20**	25.10
		1	74	25.68	25.60	25.37	**25.70**	25.56	25.22	**25.50**	25.46	25.23	25.11	**25.20**	25.00
		36	0	24.90	24.81	24.77	24.97	24.81	24.76	24.51	24.40	24.40	24.05	24.13	23.99
		36	16	24.98	24.90	24.82	25.02	24.92	24.84	24.59	24.51	24.36	24.13	24.20	24.02
		36	35	24.98	24.89	24.78	25.05	24.93	24.82	24.59	24.54	24.42	24.13	24.21	24.12
		75	0	24.95	24.88	24.81	25.07	24.96	24.88	24.59	24.50	24.34	24.13	24.21	24.04
	16QAM	1	0	**25.42**	25.23	25.28	25.33	25.22	25.18	24.76	24.57	24.67	24.48	24.54	24.32
		1	37	**25.42**	25.26	25.30	**25.41**	25.18	25.19	24.80	24.84	24.71	24.39	**24.58**	24.43
		1	74	25.41	25.32	25.18	25.34	25.04	25.16	24.84	**24.86**	24.63	24.51	24.55	24.49
		36	0	24.13	24.01	23.95	24.17	23.99	23.92	23.54	23.45	23.42	23.09	23.15	23.01
		36	16	24.18	24.06	23.97	24.17	24.06	23.97	23.63	23.54	23.39	23.16	23.22	23.01
		36	35	24.17	24.08	23.97	24.19	24.06	23.93	23.61	23.58	23.44	23.12	23.20	23.13
		75	0	24.18	24.06	23.99	24.14	24.04	23.95	23.60	23.53	23.38	23.14	23.19	23.05
	64QAM	1	0	24.01	23.91	23.94	24.11	24.01	24.02	23.58	23.58	23.56	23.39	23.31	23.20
		1	37	24.11	23.91	24.00	24.22	24.06	23.99	23.64	23.64	23.60	23.33	**23.40**	23.33
		1	74	**24.14**	23.98	23.87	**24.31**	24.15	23.82	23.71	**23.76**	23.45	23.36	23.35	23.31
		36	0	22.89	22.79	22.78	23.08	22.85	22.83	22.51	22.39	22.39	22.08	22.13	21.99
		36	16	22.97	22.90	22.84	23.08	22.92	22.86	22.62	22.52	22.38	22.18	22.19	22.01
		36	35	23.00	22.91	22.81	23.09	22.91	22.80	22.63	22.56	22.39	22.12	22.19	22.11
		75	0	23.00	22.90	22.81	23.08	22.91	22.83	22.60	22.50	22.39	22.14	22.19	22.02
	256QAM	1	0	20.88	20.84	20.79	21.00	20.89	20.68	20.58	20.37	20.41	20.04	20.09	20.06
		1	37	21.01	20.94	20.81	21.07	20.90	20.70	**20.71**	20.54	20.41	20.06	20.13	20.22
		1	74	**21.04**	21.02	20.78	**21.09**	20.97	20.66	**20.71**	20.59	20.46	20.09	20.13	**20.29**
		36	0	20.89	20.80	20.76	20.99	20.73	20.71	20.52	20.40	20.36	20.06	20.09	19.97
		36	16	20.98	20.88	20.81	20.98	20.79	20.76	20.59	20.50	20.33	20.12	20.17	20.00
		36	35	20.99	20.90	20.78	20.99	20.78	20.69	20.59	20.52	20.39	20.11	20.17	20.10
		75	0	21.00	20.89	20.83	20.96	20.79	20.73	20.57	20.49	20.36	20.12	20.19	19.99

OUTPUT POWER FOR LTE BAND 66 (20.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				132072	132322	132572	132072	132322	132572	132072	132322	132572	132072	132322	132572
				1720.0	1745.0	1770.0	1720.0	1745.0	1770.0	1720.0	1745.0	1770.0	1720.0	1745.0	1770.0
20.0	QPSK	1	0	**25.70**	25.61	25.59	25.50	25.49	25.44	25.43	25.35	25.37	25.16	25.14	24.97
		1	49	25.66	25.63	25.55	25.57	25.43	25.50	25.47	25.40	25.34	25.06	25.17	25.01
		1	99	**25.70**	25.69	25.40	**25.70**	25.59	25.41	**25.50**	25.47	25.23	25.10	**25.20**	25.07
		50	0	24.94	24.87	24.87	24.91	24.80	24.89	24.54	24.43	24.43	24.08	24.12	24.00
		50	24	25.05	24.98	24.85	25.05	24.93	24.91	24.65	24.55	24.52	24.18	24.24	24.03
		50	49	25.05	24.97	24.88	25.08	24.96	24.93	24.62	24.58	24.47	24.13	24.19	24.11
		100	0	25.04	24.95	24.82	25.08	24.97	24.89	24.62	24.52	24.46	24.16	24.22	24.02
	16QAM	1	0	25.55	25.35	25.50	25.27	25.15	25.15	24.83	24.68	24.71	24.53	24.51	24.43
		1	49	**25.70**	25.44	25.57	25.28	25.18	25.24	**24.95**	24.89	24.80	24.49	24.46	**24.55**
		1	99	25.49	25.47	25.28	**25.34**	25.19	24.88	24.80	24.87	24.52	24.50	24.43	24.49
		50	0	24.22	24.07	24.04	24.12	23.97	23.80	23.57	23.43	23.43	23.07	23.12	22.98
		50	24	24.29	24.15	23.99	24.23	24.06	23.74	23.65	23.57	23.52	23.15	23.25	23.04
		50	49	24.24	24.15	24.03	24.20	24.05	23.76	23.62	23.60	23.47	23.15	23.21	23.12
		100	0	24.24	24.13	23.99	24.15	24.00	23.71	23.63	23.55	23.49	23.16	23.22	23.01
	64QAM	1	0	24.14	24.17	24.08	24.19	23.98	24.02	23.71	23.62	23.60	23.35	23.39	23.20
		1	49	24.22	24.23	24.08	24.12	23.99	24.02	23.76	**23.77**	23.69	23.30	23.36	23.33
		1	99	**24.24**	**24.24**	23.83	**24.27**	24.19	23.74	23.72	23.76	23.51	23.37	**23.47**	23.23
		50	0	22.98	22.90	22.86	22.96	22.82	22.70	22.55	22.43	22.44	22.08	22.14	21.96
		50	24	23.07	23.00	22.87	23.06	22.91	22.69	22.65	22.57	22.49	22.18	22.23	21.99
		50	49	23.06	22.98	22.89	23.04	22.91	22.71	22.62	22.58	22.46	22.12	22.23	22.11
		100	0	23.06	22.98	22.84	23.04	22.88	22.67	22.63	22.54	22.48	22.15	22.21	22.00
	256QAM	1	0	21.17	21.03	21.10	21.14	20.92	20.92	20.58	20.51	20.57	**20.28**	20.23	20.12
		1	49	21.17	21.08	21.03	**21.21**	20.98	20.76	20.55	20.65	20.63	20.23	20.22	20.10
		1	99	**21.19**	21.15	21.06	**21.21**	21.00	20.69	20.70	**20.73**	20.57	20.25	20.27	**20.28**
		50	0	20.95	20.87	20.85	20.87	20.70	20.71	20.53	20.41	20.40	20.07	20.11	19.95
		50	24	21.07	20.98	20.84	20.96	20.78	20.69	20.62	20.54	20.49	20.13	20.22	19.99
		50	49	21.06	20.99	20.85	20.95	20.79	20.68	20.59	20.58	20.45	20.12	20.19	20.09
		100	0	21.04	20.96	20.82	20.95	20.76	20.63	20.58	20.51	20.46	20.11	20.21	19.98

5G NR n66

Test Engineer ID:	25602	Test Date:	1/10/2023

OUTPUT POWER FOR 5G NR n66 (5.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				342500	349000	355500	342500	349000	355500	342500	349000	355500	342500	349000	355500
				1712.5	1745.0	1777.5	1712.5	1745.0	1777.5	1712.5	1745.0	1777.5	1712.5	1745.0	1777.5
5.0	BPSK	1	0	25.45	25.42	25.36	25.46	25.26	25.16	25.16	25.26	25.22	24.90	24.84	24.90
		1	1	**25.69**	25.60	25.61	25.63	25.44	25.44	**25.48**	25.43	25.39	24.99	25.05	**25.12**
		1	23	25.64	25.64	25.62	25.63	25.44	25.45	25.41	25.44	25.44	25.05	25.08	25.02
		1	24	25.46	25.43	25.45	25.42	25.21	25.23	25.22	25.18	25.15	24.71	24.82	24.80
		12	6	25.62	25.66	25.59	**25.70**	25.48	25.48	25.46	25.39	25.37	24.99	25.10	25.04
		25	0	25.41	25.38	25.30	25.42	25.21	25.15	25.22	25.12	25.12	24.69	24.76	24.74
	QPSK	1	0	24.91	24.94	24.74	24.91	24.74	24.67	24.71	24.75	24.65	24.15	24.45	24.29
		1	1	25.65	25.61	25.55	25.64	25.43	25.42	25.41	25.32	25.43	24.92	**25.20**	24.98
		1	23	25.57	25.63	25.48	25.64	25.45	25.41	25.42	25.33	25.40	24.94	25.16	24.96
		1	24	24.89	24.91	24.85	24.92	24.74	24.71	24.75	24.78	24.66	24.19	24.42	24.22
		12	6	25.66	**25.70**	25.61	**25.66**	25.54	25.48	**25.50**	25.42	25.40	25.01	25.10	25.04
		25	0	24.93	24.93	24.84	24.97	24.80	24.73	24.77	24.71	24.66	24.23	24.35	24.28
	16QAM	1	0	23.83	24.06	24.06	23.82	23.66	23.95	23.61	23.73	23.86	23.15	23.18	23.44
		1	1	24.83	25.12	25.10	25.01	24.69	25.04	24.55	24.78	**24.95**	24.15	24.19	**24.49**
		1	23	24.74	25.06	**25.15**	25.07	24.69	**25.08**	24.60	24.70	24.83	24.12	24.21	24.47
		1	24	23.86	24.08	24.09	23.97	23.65	23.91	23.51	23.62	23.83	23.13	23.10	23.45
		12	6	25.09	24.93	25.04	24.95	24.78	24.78	24.81	24.78	24.72	24.37	24.39	24.43
		25	0	23.94	23.92	24.00	24.01	23.70	23.70	23.85	23.69	23.74	23.27	23.29	23.43
	64QAM	1	0	23.18	23.33	23.13	23.13	23.09	23.21	23.32	22.69	23.03	22.87	22.90	22.97
		1	1	23.25	23.34	23.20	23.16	23.22	23.25	23.22	22.83	23.01	22.97	22.91	23.04
		1	23	23.23	23.39	23.16	23.13	23.18	23.21	23.36	22.70	23.00	22.90	22.88	23.03
		1	24	23.20	23.32	23.12	23.11	23.17	23.18	23.31	23.00	23.02	22.98	22.85	23.02
		12	6	23.49	23.39	23.38	23.44	23.32	23.18	23.35	23.26	23.10	22.86	**23.06**	23.03
		25	0	**23.54**	23.40	23.42	**23.51**	23.34	23.27	**23.38**	23.34	23.20	22.75	22.91	22.84
	256QAM	1	0	21.58	**21.67**	21.60	21.38	21.37	21.45	21.42	21.43	21.34	20.93	20.94	20.96
		1	1	21.62	21.62	21.61	21.43	21.41	21.50	21.46	**21.47**	21.45	20.98	20.92	20.85
		1	23	21.57	21.65	21.64	21.36	21.39	**21.57**	21.33	21.45	**21.47**	20.94	**21.12**	20.94
		1	24	21.55	21.62	21.60	21.33	21.39	21.48	21.39	21.43	21.42	21.07	21.09	20.87
		12	6	21.43	21.40	21.43	21.49	21.30	21.29	21.33	21.34	21.19	20.79	20.87	20.86
		25	0	21.41	21.37	21.27	21.36	21.24	21.14	21.30	21.17	21.13	20.81	20.79	20.89

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	25.55	25.34	25.44	25.53	25.28	25.32	25.29	25.10	25.16	24.87	24.93	25.00
		1	1	25.67	25.56	25.68	**25.70**	25.57	25.43	**25.42**	25.35	25.25	25.09	25.16	**25.19**
		1	50	25.59	25.57	**25.70**	25.59	25.49	25.43	25.41	25.30	25.31	25.01	25.15	**25.19**
		1	51	25.40	25.37	25.44	25.42	25.22	25.21	25.17	25.12	25.12	24.79	24.94	24.90
		25	12	25.59	25.57	25.53	25.55	25.43	25.43	25.39	25.31	25.29	25.03	25.16	25.10
		50	0	25.43	25.45	25.39	25.46	25.26	25.23	25.22	25.15	25.13	24.89	24.93	24.93
	QPSK	1	0	24.90	24.93	24.84	24.96	24.75	24.76	24.70	24.71	24.59	24.27	24.43	24.39
		1	1	**25.70**	**25.70**	25.56	**25.69**	25.45	25.50	**25.50**	25.39	25.31	25.03	**25.20**	25.06
		1	50	25.68	25.67	25.59	25.66	25.50	25.49	25.45	25.38	25.34	25.02	25.18	25.06
		1	51	24.86	24.95	24.86	24.99	24.68	24.74	24.68	24.66	24.58	24.29	24.43	24.32
		25	12	25.64	25.65	25.60	25.67	25.47	25.48	25.39	25.34	25.30	25.06	25.19	25.14
		50	0	24.95	24.92	24.88	24.99	24.79	24.78	24.70	24.66	24.62	24.37	24.48	24.45
	16QAM	1	0	24.24	23.54	24.04	23.98	23.93	23.88	24.02	23.81	23.60	23.50	23.68	23.63
		1	1	25.24	24.53	25.14	**25.19**	25.02	25.01	**25.07**	24.87	24.67	24.55	24.56	24.55
		1	50	**25.28**	24.42	25.15	25.17	25.01	24.98	**25.07**	24.87	24.61	24.58	24.65	**24.67**
		1	51	24.26	23.45	24.09	23.93	23.98	24.04	24.05	23.82	23.57	23.47	23.64	23.57
		25	12	24.93	24.96	24.94	24.97	24.83	24.73	24.76	24.63	24.63	24.36	24.46	24.48
		50	0	23.92	23.88	23.95	23.93	23.82	23.86	23.67	23.64	23.53	23.33	23.45	23.51
	64QAM	1	0	23.41	23.16	23.16	23.19	23.21	23.30	23.28	23.28	22.95	22.67	23.06	23.07
		1	1	23.37	23.27	23.10	23.14	23.06	23.35	**23.46**	23.12	23.05	22.78	23.10	23.16
		1	50	23.30	23.33	23.14	23.10	23.03	23.25	23.10	23.20	22.92	22.74	23.12	**23.18**
		1	51	23.20	23.14	23.09	23.25	23.10	23.28	23.36	23.14	22.97	22.86	23.06	23.08
		25	12	**23.54**	23.50	23.47	**23.57**	23.32	23.40	23.30	23.21	23.25	22.98	22.85	22.99
		50	0	23.50	23.43	23.41	23.44	23.37	23.31	23.28	23.26	23.14	22.96	22.93	23.10
	256QAM	1	0	21.75	21.73	21.64	21.46	21.30	21.29	21.46	21.44	21.43	20.97	21.06	21.08
		1	1	21.70	21.65	21.56	**21.56**	21.41	21.46	**21.57**	21.54	21.50	20.99	21.00	**21.23**
		1	50	**21.84**	21.82	21.69	21.48	21.40	21.46	21.54	21.45	21.55	21.09	21.13	21.09
		1	51	21.73	21.82	21.58	21.49	21.37	21.47	21.48	21.47	21.50	20.99	**21.23**	21.12
		25	12	21.37	21.34	21.37	21.47	21.37	21.25	21.20	21.19	21.13	20.99	21.00	21.00
		50	0	21.42	21.33	21.39	21.42	21.27	21.23	21.28	21.24	21.17	20.93	20.90	20.99

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	25.51	25.38	25.43	25.54	25.42	25.30	25.22	24.97	24.90	24.84	24.92	24.95
		1	1	25.68	25.55	25.58	**25.70**	25.57	25.59	**25.50**	25.17	25.03	25.02	25.06	25.10
		1	77	**25.69**	25.64	25.63	25.68	25.65	25.61	25.45	25.19	25.20	25.01	**25.20**	25.11
		1	78	25.49	25.43	25.44	25.53	25.35	25.42	25.26	24.97	24.97	24.84	24.96	24.88
		36	18	25.59	25.43	25.44	25.57	25.39	25.32	25.25	25.10	25.04	24.87	24.94	24.92
		75	0	25.47	25.28	25.31	25.44	25.24	25.19	25.09	24.96	24.93	24.73	24.82	24.79
	QPSK	1	0	24.99	24.79	24.83	24.95	24.91	24.69	24.75	24.48	24.46	24.21	24.44	24.38
		1	1	**25.70**	25.46	25.47	25.60	25.57	25.45	**25.42**	25.18	25.26	24.91	25.08	25.07
		1	77	25.68	25.56	25.58	25.57	25.58	25.43	25.40	25.20	25.34	24.95	**25.15**	25.05
		1	78	24.96	24.89	24.82	24.89	24.86	24.78	24.71	24.51	24.52	24.29	24.50	24.30
		36	18	25.63	25.51	25.51	**25.61**	25.50	25.38	25.31	25.11	25.10	24.97	25.07	25.02
		75	0	24.97	24.93	24.86	24.94	24.80	24.69	24.72	24.48	24.46	24.31	24.28	24.36
	16QAM	1	0	24.46	23.85	23.79	23.98	24.06	23.83	24.07	23.86	23.27	23.32	23.37	23.29
		1	1	**25.45**	24.91	24.72	24.85	**25.09**	24.69	**25.12**	24.95	24.35	24.27	24.42	24.29
		1	77	25.43	24.89	24.73	24.93	25.05	24.94	25.06	24.89	24.51	24.27	**24.51**	24.26
		1	78	24.31	23.99	23.76	23.96	24.11	23.79	24.18	23.85	23.37	23.20	23.36	23.22
		36	18	25.00	24.94	24.85	24.99	24.79	24.80	24.76	24.44	24.46	24.34	24.43	24.39
		75	0	23.94	23.89	23.83	24.00	23.78	23.72	23.65	23.48	23.46	23.33	23.46	23.40
	64QAM	1	0	23.15	23.20	23.07	23.23	23.16	23.17	23.01	22.89	**23.12**	22.79	23.13	22.81
		1	1	23.02	23.25	23.13	23.28	23.15	23.05	22.92	22.98	22.96	22.81	23.08	22.94
		1	77	23.03	23.23	23.22	23.18	23.25	23.08	22.90	22.88	23.03	22.90	**23.16**	22.87
		1	78	23.16	23.20	23.21	23.36	23.11	23.11	22.82	22.90	22.99	22.93	23.06	22.77
		36	18	23.43	23.41	23.42	23.47	23.33	23.23	23.10	22.98	23.00	22.73	22.93	22.88
		75	0	**23.45**	23.39	23.43	**23.50**	23.28	23.26	**23.12**	22.99	22.90	22.78	22.89	22.90
	256QAM	1	0	21.51	21.54	21.80	**21.69**	21.41	21.24	21.28	21.26	21.01	21.01	20.95	21.08
		1	1	21.48	21.51	21.85	21.50	21.42	21.26	21.29	21.23	21.08	20.96	20.95	**21.22**
		1	77	21.37	21.60	**21.86**	21.61	21.41	21.28	21.21	**21.30**	21.07	20.99	20.98	21.19
		1	78	21.46	21.59	21.70	21.59	21.32	21.34	21.21	21.26	21.16	20.99	21.11	21.11
		36	18	21.37	21.28	21.31	21.38	21.25	21.27	21.05	21.06	20.97	20.79	20.84	20.89
		75	0	21.41	21.38	21.36	21.48	21.24	21.24	21.09	21.00	21.00	20.86	20.87	20.83

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	25.55	25.36	25.48	25.43	25.46	25.32	25.28	25.06	25.08	24.90	24.99	24.97
		1	1	**25.70**	25.58	25.54	25.65	25.58	25.53	25.42	25.26	25.16	25.08	25.13	25.12
		1	104	25.59	25.63	25.59	25.60	25.52	25.47	25.37	25.20	25.23	25.09	**25.14**	25.08
		1	105	25.41	25.42	25.35	25.43	25.33	25.31	25.23	25.11	25.01	24.90	24.96	24.85
		50	25	25.66	25.55	25.51	**25.68**	25.49	25.37	**25.43**	25.24	25.15	25.02	24.99	25.12
		100	0	25.45	25.36	25.29	25.51	25.36	25.21	25.21	25.03	25.00	24.84	24.83	24.91
	QPSK	1	0	24.95	24.90	24.71	25.07	24.88	24.78	24.63	24.52	24.50	24.42	24.42	24.41
		1	1	25.61	25.56	25.48	25.69	25.66	25.38	**25.50**	25.26	25.26	25.13	25.18	25.02
		1	104	25.54	**25.65**	25.55	25.63	25.57	25.39	25.47	25.21	25.26	25.10	**25.20**	25.04
		1	105	24.93	24.88	24.86	24.93	24.83	24.77	24.63	24.52	24.56	24.38	24.53	24.33
		50	25	**25.65**	25.47	25.50	**25.70**	25.53	25.51	25.42	25.23	25.20	24.99	25.04	25.12
		100	0	24.91	24.88	24.83	25.01	24.82	24.81	24.69	24.60	24.50	24.33	24.33	24.43
	16QAM	1	0	24.00	24.16	23.64	23.92	24.08	23.23	23.69	23.45	23.86	23.34	23.36	23.64
		1	1	24.89	**25.18**	24.77	25.00	25.04	24.42	24.59	24.49	24.75	24.24	24.43	**24.79**
		1	104	24.80	25.17	24.80	24.79	**25.07**	24.46	24.57	24.49	**24.87**	24.25	24.51	24.68
		1	105	23.84	24.16	23.69	23.73	23.96	23.43	23.67	23.33	23.76	23.18	23.45	23.59
		50	25	24.89	24.81	24.77	25.03	24.82	24.71	24.71	24.57	24.51	24.30	24.48	24.43
		100	0	23.93	23.89	23.79	24.01	23.82	23.84	23.69	23.56	23.49	23.32	23.44	23.43
	64QAM	1	0	23.15	23.22	23.16	23.38	23.05	23.15	23.29	23.03	22.67	22.94	22.90	23.03
		1	1	23.21	23.23	23.11	23.34	23.12	23.30	**23.37**	23.10	22.93	22.90	22.90	22.71
		1	104	23.14	23.17	23.12	23.14	23.13	23.30	23.21	23.11	22.82	**23.05**	22.87	22.89
		1	105	23.01	23.25	23.14	23.33	23.19	23.31	23.17	23.29	22.88	22.92	23.02	22.77
		50	25	**23.44**	23.36	23.38	**23.52**	23.37	23.28	23.21	23.04	23.00	22.83	22.89	22.94
		100	0	23.38	23.32	23.26	23.49	23.35	23.29	23.13	23.02	22.94	22.77	22.86	22.90
	256QAM	1	0	**21.76**	21.45	21.65	21.57	21.71	**21.79**	21.23	21.19	21.28	21.07	20.85	21.20
		1	1	21.70	21.36	21.61	21.39	21.60	21.35	21.33	21.12	21.40	21.09	20.65	21.04
		1	104	21.68	21.58	21.56	21.41	21.67	21.64	21.22	21.17	21.36	21.05	20.79	**21.36**
		1	105	21.68	21.47	21.64	21.32	21.68	21.69	21.23	21.32	**21.45**	21.15	20.80	21.18
		50	25	21.33	21.24	21.31	21.41	21.31	21.13	21.13	21.09	20.99	20.84	20.89	21.02
		100	0	21.36	21.29	21.35	21.41	21.30	21.17	21.17	21.13	21.04	20.77	20.84	20.79

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
20.0	BPSK	1	0	25.42	25.38	25.29	25.55	25.42	25.29	25.05	25.01	25.00	24.70	24.57	24.61
		1	1	25.58	25.50	25.49	**25.63**	25.41	25.46	**25.50**	25.33	25.22	24.94	24.93	24.96
		1	104	**25.70**	25.53	25.47	25.45	25.06	25.43	25.49	25.46	25.31	24.98	**25.04**	25.01
		1	105	25.58	25.48	25.52	25.32	25.41	25.31	25.11	25.20	24.97	24.69	24.58	24.50
		50	25	25.22	25.18	25.14	25.28	25.12	25.12	25.07	24.92	24.91	24.76	24.69	24.68
		100	0	25.00	24.98	24.97	25.04	24.90	24.90	24.67	24.58	24.53	24.20	24.18	24.20
	QPSK	1	0	24.92	24.83	24.88	24.94	24.89	24.83	24.16	24.50	24.50	24.03	24.04	23.97
		1	1	25.50	25.46	**25.58**	**25.70**	25.55	25.54	25.17	25.33	**25.40**	25.03	24.98	25.00
		1	104	25.53	25.56	25.54	25.52	25.52	25.51	25.37	25.39	25.36	**25.20**	25.07	24.92
		1	105	24.97	24.93	24.83	24.99	24.78	24.95	24.68	24.59	24.51	24.27	24.20	24.08
		50	25	25.27	25.25	25.09	25.30	25.05	25.12	25.06	24.93	25.00	24.76	24.69	24.66
		100	0	24.55	24.52	24.43	24.51	24.51	24.42	24.16	24.13	24.00	23.78	23.73	23.70
	16QAM	1	0	24.11	23.93	23.87	24.01	23.48	23.75	23.17	23.58	23.69	22.52	23.19	23.30
		1	1	24.84	25.04	24.93	**24.80**	24.49	24.58	24.22	24.49	24.64	23.53	23.88	24.37
		1	104	**25.30**	24.87	24.85	24.68	24.70	24.71	24.52	24.35	**24.71**	23.85	21.65	**24.39**
		1	105	24.19	24.12	23.92	23.92	23.64	23.87	23.58	23.48	22.41	22.67	23.18	23.35
		50	25	24.45	24.53	24.46	24.52	24.51	24.28	24.07	24.12	24.09	23.76	23.79	23.84
		100	0	23.48	23.53	23.48	23.57	23.48	23.36	23.20	23.12	23.28	22.79	22.83	22.80
	64QAM	1	0	22.96	**23.32**	23.22	23.65	23.12	22.93	22.58	23.09	22.90	22.42	22.45	22.28
		1	1	22.83	22.97	23.19	23.60	23.20	22.56	22.62	22.93	22.87	22.37	22.36	22.34
		1	104	23.14	23.16	23.24	23.51	23.11	22.69	22.79	22.87	22.95	22.27	22.41	22.47
		1	105	23.22	23.22	23.09	**23.75**	23.43	22.93	23.03	**23.19**	22.76	22.47	**22.63**	22.32
		50	25	22.95	23.00	22.82	22.99	22.93	22.84	22.64	22.64	22.62	22.29	22.36	22.17
		100	0	22.99	23.03	22.84	22.96	22.94	22.78	22.69	22.59	22.74	22.26	22.32	22.16
	256QAM	1	0	**21.53**	21.37	21.35	21.19	**21.50**	20.67	21.09	20.91	21.12	20.49	20.84	20.78
		1	1	21.49	21.25	21.33	21.01	21.23	20.91	21.04	20.73	21.01	20.39	20.58	20.69
		1	104	21.43	21.10	21.38	20.79	21.12	20.86	20.97	20.92	**21.25**	20.57	20.67	20.79
		1	105	21.35	21.41	21.42	20.91	21.24	21.13	**21.25**	21.01	21.13	20.53	**21.03**	20.73
		50	25	20.98	20.92	20.85	20.91	20.87	20.74	20.66	20.61	20.68	20.22	20.17	20.16
		100	0	21.00	20.98	20.93	20.95	20.90	20.70	20.67	20.56	20.59	20.25	20.22	20.20

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	25.41	25.39	25.41	25.57	25.51	25.33	25.22	25.21	25.11	24.97	24.95	24.97
		1	1	**25.65**	25.61	25.44	**25.64**	25.61	25.54	**25.49**	25.28	25.27	25.11	24.97	25.14
		1	158	25.53	**25.65**	25.60	25.54	25.61	25.49	25.26	25.26	25.22	**25.18**	25.08	25.11
		1	159	25.38	25.43	25.39	25.33	25.36	25.34	25.03	25.05	25.01	24.92	24.90	24.79
		80	40	25.55	25.56	25.50	25.59	25.48	25.48	25.32	25.25	25.19	25.00	25.04	25.04
		160	0	25.41	25.38	25.36	25.49	25.36	25.36	25.21	25.07	25.04	24.90	24.90	24.90
	QPSK	1	0	25.00	24.90	24.89	24.99	24.95	24.82	24.78	24.68	24.57	24.26	24.48	24.35
		1	1	**25.70**	25.46	25.45	**25.70**	25.60	25.51	**25.50**	25.39	25.18	24.97	25.17	25.08
		1	158	25.62	25.53	25.60	25.54	25.57	25.40	25.24	25.29	25.22	25.07	**25.20**	24.89
		1	159	24.92	24.96	24.86	24.79	24.86	24.73	24.54	24.52	24.40	24.27	24.41	24.23
		80	40	25.55	25.56	25.52	25.68	25.54	25.52	25.35	25.28	25.20	25.01	25.07	25.08
		160	0	24.87	24.90	24.92	24.98	24.86	24.87	24.67	24.57	24.54	24.38	24.40	24.42
	16QAM	1	0	23.74	24.05	24.01	24.13	23.84	23.70	23.96	23.62	23.63	23.47	22.79	23.42
		1	1	24.77	**25.06**	25.05	**25.42**	24.75	24.60	**24.76**	24.37	24.52	**24.56**	23.92	24.39
		1	158	24.56	24.98	24.96	25.16	24.76	24.59	24.66	24.49	24.75	24.40	23.82	24.25
		1	159	23.63	24.06	23.98	24.21	23.85	23.67	23.77	23.54	23.60	23.38	22.73	23.31
		80	40	24.84	24.84	24.84	24.95	24.94	24.83	24.57	24.67	24.45	24.33	24.35	24.40
		160	0	23.87	23.88	23.85	24.01	23.96	23.90	23.65	23.70	23.49	23.30	23.32	23.35
	64QAM	1	0	23.28	23.37	23.16	23.10	**23.60**	23.25	22.97	23.02	22.78	22.84	22.82	23.00
		1	1	23.29	23.17	23.14	23.27	23.57	23.38	22.90	23.04	22.84	**23.05**	22.65	22.99
		1	158	23.38	23.34	23.10	22.93	23.24	23.12	22.72	22.92	22.79	22.92	22.56	22.87
		1	159	23.23	23.30	23.12	22.91	23.24	23.02	22.49	22.81	22.68	22.93	22.67	22.89
		80	40	23.33	23.40	23.42	23.48	23.30	23.27	23.09	23.11	23.01	22.82	22.90	22.99
		160	0	23.41	23.44	**23.47**	23.48	23.40	23.35	**23.17**	23.15	23.09	22.88	22.96	22.89
	256QAM	1	0	21.66	21.59	21.78	21.70	21.41	21.60	**21.65**	21.49	21.33	20.91	20.79	**21.13**
		1	1	21.59	21.47	21.62	**21.71**	21.50	21.52	21.44	21.33	21.26	20.92	20.73	21.02
		1	158	21.74	21.64	21.74	21.66	21.55	21.50	21.62	21.39	21.44	21.01	21.12	20.98
		1	159	21.67	21.79	**21.87**	21.64	21.56	21.52	21.59	21.35	21.21	20.81	20.79	21.02
		80	40	21.39	21.33	21.38	21.47	21.23	21.33	21.24	21.08	21.02	20.86	20.89	20.86
		160	0	21.40	21.39	21.40	21.47	21.31	21.36	21.26	21.09	21.08	20.90	20.91	20.92

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	4E+06	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
20.0	BPSK	1	0	25.46	25.34	25.46	25.46	25.50	25.30	25.25	25.19	25.07	24.86	24.92	24.91
		1	1	25.41	25.51	25.62	**25.67**	25.62	25.37	**25.50**	**25.50**	25.30	24.93	25.06	25.10
		1	104	25.61	**25.67**	25.60	25.56	25.54	25.38	25.40	25.34	25.08	**25.12**	25.11	24.94
		1	105	25.33	25.45	25.32	25.42	25.26	25.16	25.30	25.05	25.03	24.96	24.98	24.84
		50	25	25.48	25.39	25.44	25.48	25.46	25.37	25.42	25.29	25.08	24.98	25.06	24.97
		100	0	25.34	25.32	25.27	25.32	25.26	25.16	25.17	25.07	25.01	24.80	24.88	24.82
	QPSK	1	0	24.86	24.83	24.86	24.91	24.73	24.75	24.78	24.72	24.60	24.41	24.40	24.38
		1	1	25.53	25.39	25.64	25.66	25.44	25.41	25.42	25.33	25.30	25.01	25.05	25.06
		1	104	25.58	25.55	**25.70**	**25.70**	25.47	25.58	**25.48**	25.41	25.41	**25.20**	25.18	25.16
		1	105	24.88	24.77	24.87	24.97	24.78	24.75	24.73	24.74	24.73	24.51	24.48	24.41
		50	25	25.53	25.46	25.46	25.50	25.40	25.38	25.40	25.24	25.18	24.96	25.08	24.95
		100	0	24.88	24.69	24.75	24.78	24.77	24.73	24.67	24.62	24.53	24.31	24.38	24.30
	16QAM	1	0	24.07	23.92	23.65	24.50	23.74	23.57	23.91	23.95	23.47	23.66	23.58	23.50
		1	1	25.23	25.02	24.55	**25.67**	24.72	24.62	24.77	**24.93**	24.41	24.32	24.50	24.41
		1	104	25.03	**25.39**	24.76	25.49	24.60	24.64	24.88	24.79	24.59	**24.83**	24.59	24.53
		1	105	24.01	24.40	23.95	24.42	23.48	23.72	23.78	23.94	23.61	23.77	23.51	23.34
		50	25	24.85	24.79	24.13	24.83	24.42	24.75	24.67	24.49	24.44	24.29	24.44	24.34
		100	0	23.81	23.83	23.79	23.86	23.87	23.80	23.68	23.66	23.58	23.32	23.42	23.33
	64QAM	1	0	23.11	23.24	23.31	23.21	23.24	23.22	23.15	22.87	22.93	22.42	22.95	23.06
		1	1	22.90	23.15	23.24	23.20	23.41	23.09	**23.24**	22.81	23.03	22.14	**23.11**	22.98
		1	104	23.16	23.22	23.30	23.37	23.40	23.10	23.15	23.07	23.11	22.58	22.72	22.94
		1	105	23.13	**23.35**	23.23	22.97	23.23	23.09	23.05	22.84	22.91	22.66	23.00	22.86
		50	25	23.21	23.27	23.31	23.28	23.30	23.24	23.03	23.00	22.94	22.84	23.00	22.86
		100	0	23.27	23.30	23.33	**23.43**	23.33	23.29	23.12	23.05	22.96	22.84	22.87	22.94
	256QAM	1	0	21.54	21.37	**21.82**	21.61	21.77	21.78	21.45	**21.59**	21.26	21.22	21.33	21.08
		1	1	21.73	21.55	21.66	21.57	21.47	21.80	21.38	21.26	21.32	20.99	21.14	20.89
		1	104	21.54	21.48	21.35	21.41	21.37	21.44	21.10	21.38	21.14	21.25	21.11	21.16
		1	105	21.78	21.49	21.50	21.41	21.49	**21.82**	21.28	21.24	21.36	21.13	**21.36**	20.92
		50	25	21.20	21.19	21.27	21.35	21.36	21.22	21.15	21.05	21.00	20.82	20.80	20.82
		100	0	21.45	21.32	21.31	21.32	20.34	21.27	21.15	21.04	21.02	20.82	20.83	20.85

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	25.44	25.46	25.59	25.57	25.48	25.40	25.29	25.33	25.33	24.92	25.00	24.99
		1	1	25.68	25.55	**25.69**	**25.68**	25.65	25.60	25.46	25.40	25.39	25.09	25.14	25.10
		1	214	25.50	25.59	25.65	25.59	25.51	25.41	25.37	**25.50**	25.48	25.12	**25.20**	25.03
		1	215	25.30	25.28	25.39	25.44	25.32	25.13	25.20	25.32	25.25	24.86	24.92	24.85
		108	54	25.50	25.58	25.55	25.56	25.46	25.47	25.38	25.41	25.35	24.92	25.01	25.04
		216	0	25.35	25.38	25.40	25.37	25.32	25.36	25.20	25.21	25.17	24.81	24.87	24.90
	QPSK	1	0	24.95	25.01	24.95	24.92	24.89	24.88	24.81	24.79	24.79	24.24	24.39	24.32
		1	1	**25.70**	25.57	25.61	**25.70**	25.59	25.36	**25.50**	25.37	25.36	24.89	25.09	25.00
		1	214	25.44	25.55	25.56	25.55	25.51	25.24	25.38	25.48	25.40	24.98	25.10	24.92
		1	215	24.86	24.82	24.77	24.78	24.83	24.62	24.62	24.72	24.72	24.28	24.33	24.22
		108	54	25.60	25.59	25.61	25.58	25.50	25.47	25.45	25.42	25.39	24.97	25.05	**25.12**
		216	0	24.87	24.91	24.88	24.94	24.85	24.87	24.72	24.71	24.69	24.33	24.37	24.41
	16QAM	1	0	23.99	24.07	24.02	23.73	24.09	24.10	23.94	23.94	23.86	23.30	23.48	23.55
		1	1	**24.97**	24.89	24.92	24.87	24.92	**25.15**	24.87	**25.09**	24.87	24.38	24.39	**24.51**
		1	214	24.81	24.88	24.89	24.54	24.88	25.01	24.74	25.01	24.72	24.22	24.38	24.38
		1	215	23.86	23.97	23.98	23.57	23.77	24.08	23.79	23.99	23.82	23.30	23.49	23.30
		108	54	24.85	24.86	24.90	24.87	24.91	24.79	24.69	24.72	24.67	24.28	24.33	24.36
		216	0	23.85	23.92	23.85	23.91	23.96	23.80	23.76	23.75	23.74	23.33	23.40	23.44
	64QAM	1	0	23.28	23.35	23.09	23.27	23.25	23.38	**23.54**	23.46	23.38	23.00	22.97	23.07
		1	1	23.35	23.16	23.24	**23.48**	23.37	23.31	23.34	23.30	23.29	23.03	22.82	22.74
		1	214	23.24	23.10	22.87	23.11	23.04	23.13	23.40	23.42	23.21	**23.13**	22.88	22.69
		1	215	23.34	23.08	22.96	23.12	23.21	23.17	23.19	23.46	23.36	22.99	22.96	23.06
		108	54	23.31	23.39	23.30	23.45	23.36	23.30	23.12	23.16	23.26	22.87	22.85	22.87
		216	0	23.35	23.42	**23.45**	23.47	23.36	23.31	23.22	23.19	23.30	22.88	22.85	22.89
	256QAM	1	0	21.79	21.59	**21.82**	21.66	**21.67**	21.38	21.39	21.55	21.43	21.12	20.81	20.97
		1	1	21.64	21.48	21.66	21.47	21.62	21.46	21.61	21.20	21.31	21.18	20.64	21.11
		1	214	21.63	21.56	21.72	21.53	21.55	21.27	**21.65**	21.33	21.50	21.06	21.06	21.05
		1	215	21.73	21.60	21.68	21.34	21.64	21.56	21.48	21.41	21.55	21.17	20.95	**21.36**
		108	54	21.40	21.43	21.39	21.37	21.29	21.30	21.27	21.25	21.19	20.83	20.88	20.83
		216	0	21.44	21.48	21.41	21.46	21.35	21.35	21.17	21.22	21.24	20.90	20.92	20.86

8.13. 5G NR n70

Test Engineer ID:	50822	Test Date:	11/18/2022

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	25.27	25.31	25.24	25.42	25.39	25.36	25.37	25.19	25.05	24.90	24.72	24.83
		1	1	25.47	**25.58**	25.39	25.60	**25.67**	25.59	**25.50**	25.37	25.26	**25.10**	24.96	**25.10**
		1	23	25.46	25.52	25.39	25.56	25.65	25.58	25.43	25.33	25.21	25.08	24.96	25.06
		1	24	25.28	25.29	25.19	25.35	25.41	25.38	25.20	25.12	24.97	24.81	24.74	24.89
		12	6	25.52	25.51	25.47	25.61	25.60	25.58	25.34	25.27	25.22	25.03	25.00	24.99
		25	0	25.29	25.25	25.21	25.36	25.31	25.33	25.11	25.02	25.02	24.85	24.77	24.78
	QPSK	1	0	24.79	24.89	24.71	24.93	24.90	24.90	24.46	24.60	24.65	24.39	24.48	24.38
		1	1	**25.70**	25.58	25.43	25.68	**25.70**	25.63	**25.42**	25.37	25.31	25.16	**25.20**	25.13
		1	23	25.62	25.60	25.45	25.66	25.66	25.63	25.40	25.35	25.31	25.12	25.11	25.10
		1	24	24.92	24.89	24.64	24.97	24.90	24.89	24.57	24.54	24.62	24.38	24.43	24.41
		12	6	25.64	25.53	25.53	25.61	25.54	25.63	25.35	25.30	25.26	25.08	25.07	25.08
		25	0	24.89	24.83	24.76	24.92	24.88	24.89	24.67	24.58	24.57	24.37	24.32	24.32
	16QAM	1	0	23.95	24.21	23.95	23.94	23.85	24.06	23.31	23.45	23.47	23.16	23.49	23.50
		1	1	24.98	**25.22**	25.20	24.88	24.80	25.10	24.23	24.50	24.46	24.15	**24.52**	24.29
		1	23	24.97	25.21	25.19	24.95	24.89	**25.11**	24.45	24.44	24.38	24.14	24.38	24.45
		1	24	24.01	24.19	23.99	23.98	23.88	24.14	23.25	23.42	23.41	23.21	23.36	23.37
		12	6	24.83	24.79	24.74	24.94	25.06	25.01	24.53	**24.62**	24.55	24.42	24.34	24.32
		25	0	23.86	23.82	23.76	23.87	23.83	23.87	23.62	23.50	23.50	23.37	23.34	23.39
	64QAM	1	0	23.24	23.29	23.01	23.52	23.43	23.32	23.32	23.07	22.54	22.59	22.46	22.61
		1	1	23.22	23.29	22.97	23.52	23.51	23.33	**23.42**	22.97	22.52	22.63	22.54	22.50
		1	23	23.18	23.30	22.98	23.53	23.27	23.32	23.31	22.93	22.44	22.58	22.47	22.56
		1	24	23.05	23.19	22.94	23.41	23.34	23.29	23.25	23.04	22.47	22.54	22.32	22.52
		12	6	23.33	23.15	23.18	23.47	**23.57**	23.51	23.11	22.99	23.00	22.87	22.81	22.71
		25	0	**23.34**	23.29	23.21	23.44	23.42	23.36	23.13	23.05	22.93	**22.95**	22.78	22.76
	256QAM	1	0	21.20	20.96	**21.21**	21.46	21.48	21.19	21.06	21.17	20.80	20.73	20.50	20.51
		1	1	21.16	21.00	21.16	21.35	21.40	21.27	21.08	**21.18**	20.88	20.77	20.48	20.60
		1	23	21.20	20.92	21.12	**21.50**	21.43	21.30	21.00	21.07	20.78	**20.79**	20.60	20.58
		1	24	21.03	20.90	21.02	21.41	21.22	21.35	21.01	21.11	20.69	20.75	20.45	20.51
		12	6	21.19	21.13	21.02	21.42	21.43	21.39	21.02	20.94	20.82	20.73	20.63	20.72
		25	0	**21.21**	21.08	21.09	21.32	21.35	21.33	20.99	20.94	20.92	20.77	20.66	20.74

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	25.36	25.46	25.34	25.44	25.32	25.40	25.08	25.13	25.16	24.83	24.93	24.95
		1	1	25.62	**25.68**	25.59	**25.70**	25.59	**25.70**	25.37	25.40	**25.43**	25.08	25.17	**25.20**
		1	50	25.58	25.59	25.52	25.55	25.60	25.61	25.29	25.38	25.38	25.06	25.11	25.18
		1	51	25.31	25.40	25.32	25.45	25.33	25.43	25.02	25.09	25.18	24.85	24.90	24.86
		25	12	25.65	25.62	25.60	25.58	25.58	25.58	25.35	25.35	25.40	25.05	25.10	25.04
		50	0	25.48	25.48	25.44	25.45	25.43	25.41	25.19	25.17	25.27	24.92	24.89	24.89
	QPSK	1	0	24.90	24.91	25.03	24.85	24.91	24.88	24.48	24.73	24.62	24.41	24.36	24.40
		1	1	**25.70**	25.58	25.67	25.50	**25.68**	25.63	25.37	25.44	25.49	25.06	**25.20**	25.14
		1	50	25.63	25.54	25.57	25.53	25.61	25.56	25.35	25.33	25.44	25.02	25.16	25.11
		1	51	24.89	24.84	24.87	24.87	24.90	24.83	24.61	24.67	24.67	24.37	24.43	24.35
		25	12	25.65	25.67	25.66	25.66	25.61	25.63	25.42	25.39	**25.50**	25.09	25.03	25.09
		50	0	24.96	24.96	24.95	24.95	24.97	24.98	24.69	24.65	24.78	24.44	24.44	24.40
	16QAM	1	0	24.04	23.99	24.23	23.86	23.73	23.90	23.37	23.57	23.45	23.34	23.49	23.39
		1	1	25.08	24.97	**25.15**	**25.05**	24.81	24.72	24.39	24.55	24.45	24.37	24.30	24.37
		1	50	25.11	24.79	25.05	24.98	24.70	24.92	24.41	24.55	24.42	24.26	24.25	**24.48**
		1	51	24.10	23.88	24.10	23.96	23.69	23.82	23.43	23.48	23.47	23.25	23.33	23.29
		25	12	24.97	24.98	24.96	24.95	24.96	24.98	24.74	24.74	**24.76**	24.37	24.34	24.38
		50	0	23.89	23.96	23.93	23.98	23.88	23.98	23.68	23.74	23.84	23.42	23.40	23.37
	64QAM	1	0	23.43	23.03	23.03	23.47	23.48	23.27	22.98	23.00	23.09	22.54	22.60	22.74
		1	1	23.40	22.99	23.04	23.51	23.43	23.37	22.89	22.85	22.96	22.43	22.62	22.74
		1	50	23.25	22.92	23.02	23.41	**23.56**	23.43	22.94	22.83	23.11	22.37	22.58	22.64
		1	51	23.26	22.96	22.97	23.44	23.42	23.23	22.91	22.83	23.09	22.51	22.56	22.57
		25	12	23.39	23.45	23.42	23.47	23.40	23.47	23.15	23.26	23.36	22.91	**22.96**	22.90
		50	0	23.41	23.46	**23.48**	**23.56**	23.52	23.49	23.15	23.18	**23.38**	22.89	22.93	22.95
	256QAM	1	0	21.22	21.41	21.28	21.25	21.37	21.41	21.12	20.93	21.19	20.55	20.76	20.56
		1	1	21.29	21.39	21.28	21.35	21.46	**21.48**	21.05	20.84	**21.28**	20.65	20.62	20.61
		1	50	21.12	21.27	21.26	21.45	21.33	21.46	21.10	20.84	21.06	20.61	20.60	20.36
		1	51	21.12	21.33	21.23	21.34	21.40	21.36	21.01	20.79	20.96	20.59	20.57	20.39
		25	12	21.32	21.30	21.30	21.47	21.43	21.43	21.04	21.12	21.17	20.74	20.86	20.82
		50	0	**21.42**	21.37	21.39	21.42	21.39	21.42	21.17	21.15	21.24	20.90	20.90	**20.93**

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		25.50			25.52			25.10			24.96	
		1	1		**25.70**			25.64			25.25			**25.20**	
		1	77		25.57			**25.67**			25.25			**25.20**	
		1	78		25.33			25.48			25.16			25.03	
		36	18		25.53			25.58			**25.31**			25.05	
		75	0		25.37			25.36			25.19			24.85	
	QPSK	1	0		24.85			24.87			24.59			24.43	
		1	1		**25.69**			**25.70**			**25.50**			**25.16**	
		1	77		25.51			25.61			25.40			25.08	
		1	78		24.85			25.04			24.65			24.39	
		36	18		25.58			25.50			25.38			25.13	
		75	0		24.90			24.88			24.68			24.44	
	16QAM	1	0		23.73			24.05			23.72			23.30	
		1	1		**24.82**			24.97			**24.83**			24.12	
		1	77		24.71			**25.03**			24.75			24.14	
		1	78		23.76			24.11			23.67			23.30	
		36	18		24.79			24.88			24.61			**24.44**	
		75	0		23.89			23.89			23.66			23.43	
	64QAM	1	0		23.27			**23.55**			22.91			22.59	
		1	1		23.31			23.46			22.88			22.62	
		1	77		23.19			23.43			22.85			22.45	
		1	78		23.19			23.34			22.75			22.61	
		36	18		**23.38**			23.41			**23.17**			22.91	
		75	0		**23.38**			23.45			23.12			**22.96**	
	256QAM	1	0		21.06			21.41			20.84			20.88	
		1	1		21.12			21.31			20.94			20.88	
		1	77		20.98			**21.45**			20.74			20.73	
		1	78		20.97			21.03			20.95			20.88	
		36	18		21.22			21.44			21.10			20.82	
		75	0		**21.31**			21.34			**21.15**			**20.91**	

8.14. LTE BAND 71 AND 5G NR n71

LTE BAND 71

Test Engineer ID:	25780	Test Date:	11/16/2022

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	25.61	25.46	25.51	24.63	24.59	24.53	25.28	25.26	25.29
		1	12	**25.70**	25.64	25.55	**24.70**	**24.70**	24.60	25.39	**25.40**	25.36
		1	24	25.59	25.50	25.46	24.63	24.59	24.49	25.27	25.28	25.24
		12	0	24.85	24.78	24.82	23.63	23.57	23.55	24.26	24.25	24.32
		12	6	24.94	24.87	24.84	23.71	23.68	23.55	24.35	24.35	24.32
		12	11	24.91	24.83	24.82	23.69	23.64	23.51	24.30	24.30	24.30
		25	0	24.94	24.84	24.80	23.68	23.63	23.54	24.33	24.31	24.29
	16QAM	1	0	25.37	25.27	25.31	23.88	23.75	23.64	24.73	24.61	24.66
		1	12	**25.51**	25.38	25.47	**24.03**	23.83	23.75	**24.85**	24.70	24.71
		1	24	25.39	25.26	25.36	23.88	23.73	23.64	24.71	24.64	24.61
		12	0	23.97	23.96	24.01	22.63	22.55	22.62	23.26	23.38	23.32
		12	6	24.07	24.07	23.97	22.73	22.65	22.65	23.36	23.48	23.33
		12	11	24.03	24.05	23.94	22.69	22.61	22.61	23.30	23.43	23.28
		25	0	24.08	23.99	23.94	22.69	22.65	22.54	23.30	23.32	23.32
	64QAM	1	0	24.05	23.88	23.83	23.84	22.85	22.70	23.37	23.30	23.45
		1	12	**24.08**	23.96	23.90	**23.97**	22.91	22.73	23.43	23.33	**23.49**
		1	24	23.88	23.89	23.79	23.88	22.88	22.66	23.34	23.32	23.41
		12	0	22.89	22.72	22.81	22.68	21.62	21.58	22.25	22.24	22.28
		12	6	22.98	22.87	22.85	22.78	21.70	21.60	22.35	22.35	22.32
		12	11	22.94	22.82	22.80	22.74	21.67	21.55	22.30	22.31	22.29
		25	0	22.92	22.82	22.78	22.69	21.67	21.55	22.31	22.32	22.30
	256QAM	1	0	20.92	20.85	20.85	19.69	19.66	19.57	20.42	20.36	20.34
		1	12	**21.02**	20.99	20.82	**19.88**	19.76	19.63	**20.50**	20.47	20.37
		1	24	20.98	20.92	20.82	19.79	19.69	19.56	20.45	20.40	20.30
		12	0	20.85	20.75	20.79	19.61	19.58	19.53	20.22	20.20	20.30
		12	6	20.96	20.83	20.80	19.72	19.68	19.56	20.31	20.32	20.31
		12	11	20.94	20.79	20.78	19.70	19.66	19.53	20.29	20.29	20.29
		25	0	20.92	20.81	20.77	19.69	19.66	19.53	20.26	20.31	20.29

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	25.69	25.64	25.62	24.69	24.68	24.62	25.37	25.36	25.38
		1	24	**25.70**	25.64	25.64	**24.70**	24.67	24.62	25.37	25.37	**25.40**
		1	49	25.63	25.61	25.58	24.64	24.63	24.50	25.30	25.33	25.33
		25	0	24.96	24.89	24.89	23.65	23.62	23.54	24.30	24.31	24.35
		25	12	25.03	24.89	24.89	23.74	23.72	23.56	24.39	24.33	24.35
		25	24	25.01	24.93	24.94	23.70	23.66	23.59	24.33	24.36	24.38
		50	0	25.01	24.94	24.86	23.71	23.66	23.52	24.37	24.28	24.30
	16QAM	1	0	25.59	25.45	**25.62**	23.79	**23.81**	23.79	24.72	24.74	**24.83**
		1	24	25.50	25.38	25.52	**23.81**	23.78	23.74	24.60	24.63	24.80
		1	49	25.45	25.37	25.48	23.79	23.80	23.70	24.64	24.67	24.81
		25	0	24.18	24.08	24.12	22.65	22.63	22.57	23.30	23.36	23.39
		25	12	24.27	24.07	24.09	22.75	22.71	22.57	23.38	23.35	23.39
		25	24	24.20	24.10	24.11	22.70	22.69	22.60	23.34	23.43	23.45
		50	0	24.22	24.12	24.05	22.72	22.69	22.53	23.39	23.29	23.33
	64QAM	1	0	24.17	24.16	24.14	22.81	22.76	22.81	23.62	23.56	23.58
		1	24	**24.22**	24.20	24.18	**22.84**	22.80	22.75	23.63	23.57	**23.66**
		1	49	24.17	24.11	24.11	22.81	22.75	22.70	23.58	23.51	23.56
		25	0	23.03	22.87	22.85	21.69	21.64	21.57	22.30	22.29	22.31
		25	12	23.07	22.86	22.88	21.77	21.70	21.55	22.38	22.31	22.33
		25	24	23.06	22.92	22.90	21.72	21.69	21.60	22.35	22.34	22.37
		50	0	23.07	22.92	22.86	21.75	21.68	21.53	22.36	22.29	22.31
	256QAM	1	0	21.07	20.94	20.97	19.75	19.73	19.61	20.38	20.37	20.37
		1	24	**21.16**	21.02	21.08	**19.90**	19.84	19.74	20.49	20.47	**20.51**
		1	49	21.11	21.01	21.00	19.80	19.71	19.65	20.48	20.45	20.42
		25	0	20.98	20.86	20.85	19.70	19.65	19.55	20.28	20.27	20.29
		25	12	21.07	20.86	20.84	19.79	19.73	19.56	20.37	20.28	20.31
		25	24	21.02	20.91	20.89	19.77	19.68	19.59	20.31	20.34	20.34
		50	0	21.04	20.89	20.84	19.76	19.67	19.52	20.36	20.25	20.31

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	**25.70**	25.64	25.61	24.66	24.66	24.58	25.28	25.32	25.35
		1	37	**25.70**	25.63	25.61	24.68	**24.70**	24.61	25.34	25.37	**25.40**
		1	74	25.62	25.60	25.54	24.67	24.63	24.48	25.25	25.30	25.27
		36	0	25.00	24.93	24.92	23.68	23.66	23.62	24.33	24.36	24.37
		36	16	25.09	24.99	24.92	23.75	23.75	23.59	24.42	24.43	24.37
		36	35	25.03	24.96	24.96	23.71	23.70	23.63	24.36	24.39	24.41
		75	0	25.06	24.98	24.93	23.75	23.71	23.60	24.43	24.41	24.36
	16QAM	1	0	**25.56**	25.45	25.47	23.79	23.77	23.79	24.63	24.57	24.68
		1	37	25.54	25.45	25.48	23.88	**23.90**	23.79	24.67	**24.73**	24.69
		1	74	25.41	25.32	25.35	23.84	23.79	23.60	24.63	24.59	24.61
		36	0	24.27	24.18	24.13	22.69	22.68	22.63	23.37	23.38	23.39
		36	16	24.31	24.21	24.12	22.77	22.76	22.63	23.44	23.45	23.38
		36	35	24.23	24.14	24.13	22.73	22.71	22.65	23.39	23.42	23.43
		75	0	24.30	24.19	24.11	22.79	22.76	22.65	23.44	23.44	23.41
	64QAM	1	0	**24.16**	24.02	24.10	22.80	23.68	22.80	23.46	23.53	23.47
		1	37	24.14	24.04	24.13	22.90	**23.81**	22.82	23.51	**23.59**	23.54
		1	74	24.06	24.02	23.99	22.93	23.70	22.67	23.45	23.54	23.40
		36	0	23.01	22.91	22.90	21.72	22.65	21.64	22.33	22.34	22.36
		36	16	23.07	22.97	22.93	21.80	22.73	21.63	22.41	22.42	22.36
		36	35	23.03	22.94	22.96	21.76	22.68	21.64	22.38	22.38	22.39
		75	0	23.06	22.99	22.90	21.82	22.71	21.62	22.42	22.42	22.34
	256QAM	1	0	21.12	21.04	20.89	19.76	19.73	19.76	20.31	20.32	20.37
		1	37	**21.15**	21.06	20.96	19.85	19.75	19.79	20.35	20.40	20.41
		1	74	21.14	**21.15**	20.97	**19.98**	19.81	19.78	**20.46**	20.45	20.44
		36	0	21.04	20.94	20.92	19.75	19.67	19.68	20.36	20.35	20.37
		36	16	21.07	20.99	20.91	19.84	19.72	19.63	20.39	20.40	20.35
		36	35	21.06	20.98	20.96	19.81	19.72	19.69	20.39	20.39	20.40
		75	0	21.11	20.99	20.90	19.82	19.74	19.64	20.40	20.42	20.36

OUTPUT POWER FOR LTE BAND 71 (20.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 1			ANT 2			ANT 3		
				133222	133322	133372	133222	133322	133372	133222	133322	133372
				673.0	683.0	688.0	673.0	683.0	688.0	673.0	683.0	688.0
20.0	QPSK	1	0	**25.70**	25.45	25.48	24.63	24.63	24.46	25.28	25.34	25.33
		1	49	25.67	25.52	25.51	**24.70**	24.27	24.05	25.28	25.37	25.34
		1	99	25.62	25.49	25.44	24.35	23.96	23.91	25.28	**25.40**	25.30
		50	0	25.02	24.82	24.79	23.77	23.52	23.32	24.34	24.37	24.37
		50	24	25.05	24.88	24.88	23.81	23.34	23.10	24.42	24.35	24.36
		50	49	25.00	24.82	24.81	23.63	23.13	23.04	24.34	24.40	24.41
		100	0	25.09	24.87	24.81	23.77	23.34	23.18	24.43	24.35	24.36
	16QAM	1	0	25.32	25.26	25.39	24.06	23.84	23.71	24.69	24.58	24.62
		1	49	**25.56**	25.35	**25.56**	**24.34**	23.54	23.52	**24.90**	24.74	24.61
		1	99	25.13	25.13	25.27	23.63	23.23	23.06	24.66	24.58	24.49
		50	0	23.95	24.01	24.01	22.80	22.54	22.33	23.35	23.38	23.38
		50	24	23.93	24.04	24.02	22.82	22.35	22.11	23.42	23.36	23.37
		50	49	23.86	23.99	23.96	22.62	22.17	22.05	23.35	23.37	23.39
		100	0	23.98	24.06	23.95	22.81	22.35	22.16	23.44	23.36	23.37
	64QAM	1	0	23.97	23.90	23.88	22.86	22.88	22.62	23.42	23.43	23.43
		1	49	**24.07**	**24.07**	24.01	**22.96**	22.58	22.33	**23.62**	23.56	23.47
		1	99	23.91	23.89	23.90	22.50	22.14	22.02	23.43	23.47	23.41
		50	0	22.86	22.77	22.76	21.77	21.55	21.30	22.36	22.33	22.32
		50	24	22.91	22.83	22.84	21.82	21.37	21.10	22.41	22.32	22.32
		50	49	22.85	22.79	22.77	21.61	21.15	21.01	22.33	22.37	22.34
		100	0	22.93	22.84	22.76	21.80	21.37	21.15	22.43	22.36	22.31
	256QAM	1	0	21.05	21.00	20.91	**20.07**	19.87	19.68	20.53	20.54	20.43
		1	49	21.01	20.94	20.95	19.89	19.49	19.24	20.40	20.48	20.42
		1	99	**21.07**	21.06	21.00	19.56	19.26	19.21	**20.63**	20.58	20.49
		50	0	20.86	20.79	20.77	19.80	19.56	19.30	20.36	20.34	20.32
		50	24	20.91	20.83	20.83	19.83	19.36	19.13	20.41	20.31	20.32
		50	49	20.90	20.81	20.82	19.71	19.22	19.06	20.38	20.38	20.39
		100	0	20.95	20.83	20.78	19.81	19.37	19.17	20.42	20.32	20.33

5G NR n71

Test Engineer ID:	50822	Test Date:	11/17/2022

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	25.44	25.28	25.12	24.36	24.34	24.19	25.11	24.90	24.68
		1	1	**25.70**	25.36	25.29	24.64	24.52	24.37	**25.40**	25.02	24.94
		1	23	25.58	25.41	25.24	**24.65**	24.52	24.34	25.30	25.02	24.88
		1	24	25.40	25.19	25.03	24.45	24.28	24.11	25.10	24.79	24.65
		12	6	25.59	25.39	25.23	24.61	24.60	24.37	25.36	25.12	24.88
		25	0	25.26	25.09	24.98	24.31	24.24	24.13	25.06	24.85	24.61
	QPSK	1	0	24.30	24.65	24.59	23.90	23.81	23.62	24.10	24.45	24.15
		1	1	25.39	25.32	25.37	**24.70**	24.46	24.35	25.23	25.03	25.12
		1	23	25.54	25.36	25.31	24.61	24.47	24.28	25.33	25.09	25.03
		1	24	24.82	24.55	24.54	23.88	23.73	23.59	24.58	24.40	24.11
		12	6	**25.63**	25.36	25.30	24.62	24.58	24.40	**25.34**	25.17	24.91
		25	0	24.89	24.61	24.51	23.92	23.78	23.64	24.56	24.36	24.15
	16QAM	1	0	23.46	23.96	23.69	22.83	23.01	22.66	23.10	23.64	23.29
		1	1	24.49	**24.90**	24.73	23.84	23.86	23.77	24.28	24.61	24.20
		1	23	24.88	24.87	24.63	23.74	**23.97**	23.72	24.57	**24.67**	24.14
		1	24	23.77	23.83	23.56	22.74	22.95	22.61	23.68	23.59	23.10
		12	6	24.85	24.64	24.49	23.92	23.86	23.71	24.66	24.35	24.19
		25	0	23.83	23.58	23.50	22.86	22.78	22.61	23.53	23.29	23.11
	64QAM	1	0	22.74	22.84	23.02	22.45	22.19	21.98	22.59	22.67	22.76
		1	1	22.70	22.73	23.03	22.46	22.10	21.97	22.70	22.58	22.76
		1	23	23.10	22.85	22.93	**22.52**	22.13	21.82	22.86	22.62	22.63
		1	24	23.00	22.72	22.92	22.42	22.09	21.87	22.86	22.60	22.62
		12	6	**23.33**	23.12	23.04	22.45	22.39	22.11	**23.05**	22.83	22.65
		25	0	**23.33**	23.17	23.02	22.42	22.37	22.16	**23.05**	22.88	22.64
	256QAM	1	0	**21.26**	21.05	20.71	20.13	20.15	19.96	21.09	20.70	20.46
		1	1	21.23	20.82	20.77	20.23	20.07	19.99	**21.14**	20.58	20.49
		1	23	21.12	20.91	20.68	20.16	20.02	19.94	21.03	20.51	20.34
		1	24	21.02	20.91	20.68	20.14	20.02	19.92	21.04	20.43	20.37
		12	6	21.18	21.03	20.90	**20.32**	20.18	19.99	21.07	20.68	20.63
		25	0	21.19	21.02	20.88	20.28	20.14	20.03	20.95	20.75	20.59

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	25.40	25.27	25.24	24.39	24.31	24.21	25.17	24.93	24.77
		1	1	**25.70**	25.44	25.46	**24.55**	24.36	24.49	**25.40**	24.99	25.01
		1	50	25.53	25.45	25.31	24.45	24.40	24.34	25.19	25.03	24.84
		1	51	25.24	25.21	25.09	24.22	24.17	24.13	24.94	24.83	24.58
		25	12	25.46	25.30	25.28	24.39	24.41	24.30	25.18	24.98	24.79
		50	0	25.36	25.14	25.15	24.26	24.27	24.17	25.00	24.81	24.65
	QPSK	1	0	24.40	24.75	24.85	23.87	23.85	23.77	24.10	24.44	24.23
		1	1	25.50	25.39	**25.56**	**24.70**	24.50	24.45	25.20	25.08	24.97
		1	50	25.44	25.41	25.35	24.50	24.39	24.31	25.21	25.13	24.77
		1	51	24.70	24.68	24.65	23.73	23.71	23.53	24.42	24.42	24.08
		25	12	25.54	25.33	25.35	24.49	24.45	24.37	**25.26**	25.03	24.88
		50	0	24.81	24.64	24.68	23.75	23.73	23.66	24.50	24.28	24.17
	16QAM	1	0	23.63	23.92	23.84	22.91	22.50	22.39	23.28	23.29	23.48
		1	1	24.67	**24.91**	24.87	**24.02**	23.40	23.40	24.31	24.21	24.38
		1	50	24.88	24.89	24.68	23.91	23.30	23.11	**24.52**	24.10	24.30
		1	51	23.99	23.89	23.64	22.80	22.30	22.23	23.50	23.17	23.26
		25	12	24.79	24.65	24.70	23.84	23.67	23.59	24.45	24.19	24.21
		50	0	23.78	23.65	23.63	22.78	22.70	22.64	23.39	23.23	23.14
	64QAM	1	0	22.64	23.09	23.10	22.29	22.17	22.06	22.44	22.92	22.74
		1	1	22.74	22.95	23.05	22.26	22.01	22.10	22.55	22.79	22.64
		1	50	22.92	22.89	22.73	22.18	21.96	21.88	22.77	22.79	22.50
		1	51	22.97	22.93	22.86	22.19	21.95	21.93	22.69	22.79	22.43
		25	12	**23.32**	23.20	23.11	22.24	22.21	22.17	**22.98**	22.79	22.66
		50	0	23.31	23.18	23.13	**22.30**	22.20	22.14	22.97	22.78	22.60
	256QAM	1	0	21.32	20.98	21.00	20.06	19.81	20.11	20.89	20.72	20.74
		1	1	**21.38**	20.91	21.09	20.02	19.93	20.02	**21.06**	20.45	20.71
		1	50	21.11	20.90	20.90	19.98	19.85	19.86	20.82	20.53	20.50
		1	51	21.21	20.92	20.83	19.90	19.81	19.81	20.66	20.59	20.48
		25	12	21.13	21.09	20.98	20.16	20.09	20.01	20.85	20.67	20.53
		50	0	21.21	21.14	21.04	**20.20**	**20.20**	20.10	20.95	20.74	20.59

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	25.41	25.32	25.30	24.48	24.32	24.22	25.19	25.00	24.95
		1	1	**25.70**	25.48	25.36	**24.70**	24.47	24.34	**25.40**	25.17	25.11
		1	77	25.38	25.30	25.19	24.49	24.41	24.22	25.19	25.03	24.87
		1	78	25.18	25.18	24.97	24.24	24.20	24.00	24.99	24.81	24.66
		36	18	25.49	25.30	25.21	24.38	24.31	24.19	25.16	25.02	24.95
		75	0	25.32	25.19	25.10	24.24	24.14	24.07	25.02	24.91	24.80
	QPSK	1	0	24.39	24.86	24.68	23.98	23.81	23.76	24.15	24.55	24.55
		1	1	25.49	25.53	25.37	**24.64**	24.50	24.40	25.24	25.13	25.11
		1	77	25.49	25.37	25.20	24.48	24.32	24.21	25.25	25.04	24.88
		1	78	24.71	24.67	24.50	23.76	23.63	23.49	24.53	24.37	24.16
		36	18	**25.54**	25.40	25.30	24.49	24.32	24.31	**25.29**	25.10	25.06
		75	0	24.91	24.74	24.66	23.82	23.63	23.66	24.56	24.45	24.39
	16QAM	1	0	23.55	23.63	23.48	22.99	22.99	22.73	23.12	23.77	23.76
		1	1	24.59	24.60	24.36	**23.87**	23.56	23.64	24.21	24.73	**24.79**
		1	77	24.64	24.38	24.28	23.86	23.48	23.63	24.62	24.56	24.60
		1	78	23.63	23.51	23.33	22.93	22.72	22.48	23.45	23.47	23.41
		36	18	**24.85**	24.73	24.59	23.77	23.67	23.62	24.48	24.38	24.42
		75	0	23.83	23.65	23.63	22.74	22.63	22.62	23.55	23.40	23.34
	64QAM	1	0	22.65	23.37	23.15	22.25	22.17	22.04	22.60	22.86	22.73
		1	1	22.79	23.29	23.02	22.25	22.10	21.91	22.68	22.87	22.65
		1	77	23.06	23.02	22.94	22.02	22.11	21.84	22.73	22.64	22.32
		1	78	22.87	23.10	22.79	22.06	21.89	21.71	22.77	22.60	22.42
		36	18	23.35	23.19	23.08	22.26	22.20	22.14	**23.01**	23.00	22.79
		75	0	**23.40**	23.23	23.11	**22.32**	22.20	22.15	22.99	22.97	22.83
	256QAM	1	0	21.09	21.17	20.90	20.14	19.96	**20.39**	20.56	20.90	20.93
		1	1	21.22	21.32	20.68	20.17	19.92	20.30	20.72	**20.99**	20.79
		1	77	21.03	20.96	20.48	19.86	19.80	20.05	20.39	20.70	20.42
		1	78	21.06	21.12	20.56	20.08	19.73	20.13	20.42	20.61	20.35
		36	18	21.30	21.06	21.00	20.14	20.11	20.03	20.93	20.80	20.74
		75	0	**21.33**	21.10	21.09	20.23	20.17	20.11	20.98	20.85	20.78

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	25.44	25.16	25.28	24.45	24.40	24.36	25.04	24.96	24.91
		1	1	**25.70**	25.42	25.31	**24.70**	24.46	24.45	**25.23**	25.07	25.00
		1	104	25.30	25.12	25.06	24.40	24.35	24.18	24.93	24.88	24.74
		1	105	25.10	24.95	24.84	24.19	24.10	24.00	24.74	24.72	24.56
		50	25	25.43	25.30	25.24	24.41	24.38	24.36	25.07	25.00	24.94
		100	0	25.23	25.10	25.01	24.36	24.18	24.10	24.93	24.80	24.70
	QPSK	1	0	24.70	24.78	24.78	23.93	23.83	23.92	24.45	24.50	24.53
		1	1	**25.59**	25.45	25.36	**24.69**	24.46	24.52	**25.40**	25.13	25.12
		1	104	25.23	25.17	25.10	24.33	24.30	24.20	25.08	24.91	24.82
		1	105	24.53	24.43	24.43	23.59	23.48	23.52	24.30	24.19	24.04
		50	25	25.43	25.29	25.29	24.46	24.38	24.39	25.10	25.05	25.04
		100	0	24.71	24.56	24.56	23.87	23.65	23.56	24.51	24.30	24.18
	16QAM	1	0	23.85	23.97	23.49	22.98	22.69	22.82	23.24	23.51	23.00
		1	1	24.94	**25.01**	24.49	**23.96**	23.42	23.82	24.37	**24.39**	23.93
		1	104	24.66	24.75	24.20	23.65	23.41	23.43	24.33	24.26	23.66
		1	105	23.78	23.58	23.08	22.73	22.32	22.50	23.23	23.25	22.61
		50	25	24.73	24.54	24.52	23.71	23.68	23.62	24.34	24.26	24.31
		100	0	23.71	23.58	23.55	22.83	22.67	22.52	23.46	23.33	23.15
	64QAM	1	0	22.97	23.13	23.09	**22.46**	22.38	22.01	22.40	22.75	22.89
		1	1	23.05	23.16	22.90	22.44	22.19	21.98	22.41	22.70	22.55
		1	104	22.85	22.84	22.70	22.21	22.10	21.73	22.39	22.51	22.28
		1	105	22.97	22.81	22.73	22.25	22.06	21.80	22.32	22.36	22.28
		50	25	**23.25**	23.08	23.06	22.27	22.23	22.20	**22.90**	22.84	22.79
		100	0	23.19	23.07	23.01	22.35	22.15	22.09	**22.90**	22.77	22.66
	256QAM	1	0	21.18	21.15	20.90	20.16	20.13	20.10	20.48	20.58	20.69
		1	1	**21.21**	20.93	20.84	20.21	20.28	19.97	20.71	20.49	20.67
		1	104	21.08	20.91	20.70	19.84	20.05	19.91	20.48	20.54	20.40
		1	105	20.98	21.04	20.76	19.97	20.00	19.71	20.54	20.53	20.34
		50	25	21.17	21.08	20.96	20.25	20.21	20.11	20.79	20.79	20.73
		100	0	21.09	21.02	20.98	**20.31**	20.18	20.02	**20.85**	20.77	20.57

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

Test Engineer ID:	50822	Test Date:	11/30/2022

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	25.33	25.15	25.28	22.87	22.81	22.77	25.07	25.37	25.30	21.62	21.55	21.43
		1	1	28.67	28.26	28.31	26.07	**26.11**	26.05	28.31	28.57	28.69	**23.87**	23.73	23.62
		1	22	28.60	28.15	28.13	26.04	26.10	26.02	28.38	28.63	**28.70**	**23.87**	23.73	23.64
		1	23	25.41	25.03	24.72	22.81	22.84	22.73	25.09	25.31	25.36	21.58	21.38	21.32
		12	6	**28.70**	28.43	28.35	26.09	26.04	25.94	28.43	28.57	28.62	23.77	23.74	23.52
		24	0	28.33	28.21	28.12	25.95	25.88	25.80	28.19	28.49	28.45	**23.87**	23.66	23.56
	QPSK	1	0	25.45	25.23	25.12	22.86	22.82	22.76	25.09	25.41	25.24	21.65	21.49	21.29
		1	1	28.61	28.32	**28.62**	26.05	26.05	25.99	28.48	28.57	28.56	23.83	23.73	23.44
		1	22	28.39	28.56	28.09	26.08	26.08	25.97	28.45	**28.67**	28.60	23.84	23.76	23.49
		1	23	25.26	25.20	24.90	22.76	22.79	22.82	25.17	25.25	25.38	21.58	21.47	21.22
		12	6	28.48	28.31	28.37	**26.20**	26.07	25.93	25.04	28.59	28.63	**23.86**	23.69	23.58
		24	0	27.84	27.72	27.59	25.30	25.30	25.24	27.75	27.88	27.83	23.77	23.70	23.57
	16QAM	1	0	25.12	25.13	25.10	22.50	22.86	22.89	24.58	25.20	25.35	21.94	21.56	21.54
		1	1	27.78	27.64	27.56	25.32	25.21	24.97	27.15	27.47	27.63	**24.20**	23.73	23.74
		1	22	27.38	**27.82**	27.37	**25.55**	25.50	24.92	27.57	**28.15**	27.94	24.19	23.75	23.77
		1	23	25.24	25.40	25.07	22.87	22.81	22.46	25.10	25.18	25.15	22.00	21.50	21.47
		12	6	27.72	27.72	27.58	25.27	25.23	25.17	27.84	27.86	27.92	23.96	23.67	23.64
		24	0	26.77	26.60	26.46	24.29	24.21	24.27	26.61	26.82	26.85	23.15	23.00	22.87
	64QAM	1	0	25.54	25.77	25.27	22.80	22.89	22.74	25.16	25.35	25.41	21.45	21.25	21.54
		1	1	26.19	26.32	26.27	**24.03**	**24.03**	23.81	26.36	26.55	26.49	22.45	22.31	22.55
		1	22	**26.64**	26.62	26.32	23.83	23.68	23.70	26.14	**26.60**	26.46	22.48	22.44	22.56
		1	23	25.39	25.27	25.24	22.98	23.11	22.80	25.14	25.23	25.28	21.30	21.31	21.57
		12	6	26.22	26.22	25.90	23.89	23.77	23.82	26.09	26.34	26.50	**22.70**	22.53	22.51
		24	0	26.07	26.05	26.15	23.93	23.87	23.77	26.08	26.35	26.35	22.67	22.54	22.46
	256QAM	1	0	**24.25**	23.76	23.86	22.05	21.47	21.83	24.15	24.21	24.44	20.57	20.53	20.48
		1	1	24.09	24.07	24.07	22.04	21.96	21.92	24.17	24.47	24.34	20.58	20.44	20.41
		1	22	23.94	24.00	24.12	21.86	**22.17**	21.87	24.13	24.44	24.36	**20.65**	20.38	20.47
		1	23	23.69	23.85	23.87	22.12	21.89	21.84	24.09	24.50	**24.75**	20.49	20.43	20.49
		12	6	24.13	24.08	24.03	21.80	21.80	21.72	24.01	24.19	24.33	20.51	20.47	20.36
		24	0	24.07	24.05	23.97	21.84	21.75	21.73	24.02	24.31	24.27	20.53	20.42	20.34

OUTPUT POWER FOR 5G NR n77 (15.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 7			ANT 8			ANT 9			ANT 4		
				630500	633332	636166	630500	633332	636166	630500	633332	636166	630500	633332	636166
				3457.5	3500.0	3542.5	3457.5	3500.0	3542.5	3457.5	3500.0	3542.5	3457.5	3500.0	3542.5
15.0	BPSK	1	0	25.33	25.32	25.17	22.81	22.77	22.89	25.35	25.26	25.25	21.96	21.92	21.63
		1	1	28.48	28.62	28.43	26.12	26.16	26.12	28.64	28.58	28.62	24.10	24.11	23.85
		1	36	**28.70**	28.65	28.51	**26.18**	26.15	26.08	**28.70**	28.55	28.57	**24.20**	24.04	23.89
		1	37	25.44	25.28	25.47	22.87	22.84	22.90	25.37	25.23	25.33	21.92	21.80	21.62
		18	9	28.65	28.49	28.51	26.04	26.05	26.04	28.58	28.56	28.59	23.99	23.96	23.82
		36	0	28.31	28.30	28.33	25.92	25.87	25.75	28.36	28.35	28.36	24.02	23.96	23.82
	QPSK	1	0	25.41	25.29	25.35	22.90	22.81	22.80	25.39	25.39	25.27	21.96	21.85	21.65
		1	1	28.61	28.40	**28.68**	26.17	26.13	26.16	**28.66**	28.62	28.58	24.03	24.06	23.80
		1	36	28.47	28.57	28.53	26.15	26.19	26.10	28.65	28.60	28.59	**24.16**	23.99	23.77
		1	37	25.41	25.21	25.30	22.88	22.87	22.85	25.36	25.26	25.34	21.87	21.74	21.53
		18	9	28.57	28.45	28.55	**26.20**	26.08	26.08	28.59	28.54	28.47	23.93	23.89	23.81
		36	0	27.77	27.78	27.89	25.37	25.43	25.32	27.90	27.78	27.77	24.03	23.90	23.85
	16QAM	1	0	25.37	25.38	25.25	22.71	22.83	22.59	24.88	25.42	25.70	21.91	21.44	21.93
		1	1	28.05	28.00	27.68	**25.55**	25.04	25.47	27.33	27.96	**28.09**	23.95	23.70	**24.13**
		1	36	**28.23**	27.99	28.15	25.43	25.27	25.39	27.98	28.05	28.01	24.08	23.62	24.05
		1	37	25.15	25.42	25.46	22.81	22.56	22.91	25.66	25.50	25.23	21.79	21.39	21.84
		18	9	27.86	27.66	27.70	25.40	25.47	25.39	27.95	27.80	27.78	23.96	23.83	23.77
		36	0	26.79	26.70	26.70	24.30	24.36	24.34	26.86	26.81	26.79	23.23	23.20	23.10
	64QAM	1	0	25.29	25.35	25.81	22.95	22.63	23.03	25.50	25.15	25.35	22.04	21.92	21.67
		1	1	26.07	26.54	26.63	23.88	**25.41**	23.91	26.38	26.30	26.22	22.95	22.87	22.77
		1	36	26.25	26.43	**26.82**	23.82	25.34	24.28	**26.48**	26.37	26.32	**23.11**	22.85	22.66
		1	37	25.43	25.37	25.83	23.04	22.83	23.16	25.46	25.15	25.69	21.98	21.74	21.75
		18	9	26.13	26.17	26.31	23.82	25.38	23.75	26.34	26.20	26.22	22.81	22.76	22.69
		36	0	26.11	26.07	26.26	23.82	24.35	23.80	26.33	26.30	26.25	22.72	22.75	22.69
	256QAM	1	0	23.73	**24.56**	24.26	**22.14**	21.66	21.88	24.47	24.47	24.40	**20.87**	20.75	20.53
		1	1	23.92	24.08	24.14	22.07	21.90	21.75	24.31	24.32	24.25	20.66	20.69	20.51
		1	36	23.94	23.89	24.24	21.99	21.88	21.87	24.49	24.35	24.40	20.84	20.71	20.42
		1	37	24.09	23.93	24.19	21.88	21.91	21.85	**24.70**	24.67	24.60	20.82	20.64	20.39
		18	9	24.10	24.20	24.36	21.99	21.79	21.82	24.40	24.29	24.31	20.67	20.57	20.58
		36	0	24.12	24.23	24.38	21.79	21.70	21.74	24.30	24.20	24.23	20.70	20.68	20.57

OUTPUT POWER FOR 5G NR n77 (20.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 7			ANT 8			ANT 9			ANT 4		
				630666	633332	635998	630666	633332	635998	630666	633332	635998	630666	633332	635998
				3460.0	3500.0	3540.0	3460.0	3500.0	3540.0	3460.0	3500.0	3540.0	3460.0	3500.0	3540.0
20.0	BPSK	1	0	25.12	25.29	25.27	22.43	22.92	22.86	24.03	25.01	25.33	21.58	21.45	21.47
		1	1	28.44	**28.58**	28.53	25.66	26.07	25.99	27.54	28.33	28.56	23.80	23.78	23.80
		1	49	28.54	**28.58**	28.56	25.77	25.81	**26.11**	27.71	28.28	28.57	**23.86**	23.81	23.59
		1	50	25.25	25.21	25.32	22.56	22.67	22.76	24.61	25.02	25.34	21.58	21.48	21.29
		25	12	28.51	28.53	28.49	25.74	25.86	26.05	27.96	28.39	**28.61**	23.76	23.71	23.58
		50	0	28.34	28.34	28.27	25.44	25.71	25.86	27.89	28.24	28.41	23.70	23.70	23.62
	QPSK	1	0	25.24	25.26	25.28	22.34	22.73	22.85	24.90	25.22	25.36	21.62	21.48	21.55
		1	1	28.56	28.58	28.64	25.75	26.04	26.13	28.21	28.64	28.56	23.74	23.73	23.71
		1	49	28.55	**28.70**	28.53	25.95	**26.20**	26.09	28.18	28.42	**28.70**	23.79	**23.80**	23.58
		1	50	25.32	25.40	25.23	22.73	22.84	22.94	24.99	25.10	25.50	21.57	21.49	21.35
		25	12	28.53	28.49	28.50	25.83	26.04	26.10	28.30	28.53	28.63	23.78	23.68	23.66
		50	0	27.78	27.78	27.79	25.17	25.30	25.38	27.57	27.82	27.92	23.75	23.69	23.63
	16QAM	1	0	25.57	25.64	25.10	22.48	22.79	23.33	25.06	24.89	25.50	21.50	21.80	21.43
		1	1	27.68	**28.16**	27.75	25.39	25.31	25.44	27.93	28.02	27.98	23.90	**24.20**	23.68
		1	49	27.70	27.61	27.58	25.08	25.29	**25.66**	27.54	27.97	**28.15**	23.90	23.96	23.53
		1	50	25.34	25.27	25.37	22.42	23.41	22.86	24.94	25.39	25.45	21.72	21.68	21.24
		25	12	27.71	27.76	27.75	25.15	25.28	25.42	27.62	27.82	27.79	23.64	23.64	23.56
		50	0	26.77	26.86	26.80	24.18	24.36	24.47	26.71	26.87	26.82	23.03	23.01	22.91
	64QAM	1	0	25.51	25.32	25.15	23.21	22.97	23.09	25.28	25.48	25.42	21.58	21.32	21.60
		1	1	26.58	26.28	26.52	23.83	23.92	23.87	26.01	26.37	26.31	22.27	22.63	**22.65**
		1	49	**26.67**	26.38	26.22	23.66	23.97	**24.04**	26.51	26.21	**26.61**	22.22	22.46	22.54
		1	50	25.03	25.41	25.17	22.81	22.83	23.07	25.29	25.61	25.36	21.30	21.36	21.42
		25	12	26.21	26.17	26.20	23.63	23.76	23.84	26.13	26.28	26.32	22.48	22.53	22.45
		50	0	26.26	26.21	26.26	23.78	23.75	23.88	26.14	26.37	26.35	22.58	22.56	22.42
	256QAM	1	0	24.11	24.01	24.14	21.71	21.68	21.64	24.25	24.19	24.27	20.53	20.58	20.43
		1	1	24.06	24.10	24.20	21.45	21.75	**21.97**	23.70	**24.50**	24.32	20.43	20.44	20.35
		1	49	24.05	23.93	24.13	21.72	21.65	21.58	24.10	24.39	24.15	**20.64**	20.60	20.03
		1	50	24.18	23.92	24.03	21.80	21.64	21.59	24.07	24.31	24.36	20.57	20.34	20.30
		25	12	24.15	**24.25**	24.17	21.80	21.87	21.89	24.00	24.33	24.28	20.46	20.44	20.38
		50	0	24.22	24.16	24.21	21.86	21.81	**21.97**	24.08	24.35	24.39	20.55	20.55	20.43

OUTPUT POWER FOR 5G NR n77 (30.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 7			ANT 8			ANT 9			ANT 4		
				631000	633332	635666	631000	633332	635666	631000	633332	635666	631000	633332	635666
				3465.0	3500.0	3535.0	3465.0	3500.0	3535.0	3465.0	3500.0	3535.0	3465.0	3500.0	3535.0
30.0	BPSK	1	0	25.38	25.30	25.33	22.80	22.84	22.74	25.21	25.22	25.18	21.94	21.95	21.97
		1	1	28.65	28.55	**28.68**	26.11	**26.13**	25.94	**28.58**	28.55	28.50	24.11	24.12	24.11
		1	76	28.54	28.58	28.56	25.98	26.08	25.88	28.47	28.42	28.41	24.08	**24.20**	24.05
		1	77	25.26	25.24	25.20	22.67	22.81	22.71	25.13	25.13	25.17	21.80	21.85	21.80
		36	18	28.49	28.46	28.47	25.99	25.93	25.89	28.49	28.47	28.40	24.09	24.07	23.91
		75	0	28.32	28.32	28.37	25.84	25.83	25.78	28.23	28.30	28.25	24.07	24.10	24.02
	QPSK	1	0	25.34	25.34	25.37	22.99	22.89	22.88	25.42	25.35	25.17	21.89	21.92	21.89
		1	1	**28.70**	28.62	28.66	26.09	**26.20**	26.02	28.65	**28.70**	28.48	24.03	**24.13**	24.00
		1	76	28.61	28.58	28.56	25.97	25.91	26.04	28.51	28.42	28.44	24.01	24.00	24.01
		1	77	25.41	25.34	25.34	22.80	22.85	22.81	25.27	25.22	25.13	21.81	21.78	21.73
		36	18	28.56	28.52	28.46	25.96	25.98	25.94	28.47	28.47	28.40	24.04	24.02	23.99
		75	0	27.87	27.79	27.81	25.31	25.35	25.24	27.66	27.78	27.73	24.11	24.04	24.01
	16QAM	1	0	25.56	25.31	25.14	23.02	22.66	22.88	25.38	25.32	24.90	21.78	21.91	21.82
		1	1	27.63	27.94	27.96	25.54	25.37	25.57	**28.01**	27.57	27.63	23.85	24.06	24.07
		1	76	**27.99**	27.89	27.70	**25.70**	25.11	25.49	27.24	27.83	27.60	23.93	24.06	23.87
		1	77	25.08	25.28	25.31	22.50	23.27	22.63	24.98	25.17	25.26	21.63	21.88	21.51
		36	18	27.81	27.73	27.76	25.23	25.20	25.15	27.79	27.71	27.63	**24.08**	24.04	23.96
		75	0	26.80	26.74	26.78	24.35	24.32	24.22	26.80	26.74	26.73	23.41	23.43	23.33
	64QAM	1	0	25.55	25.21	25.40	22.77	23.21	22.80	25.49	25.32	25.36	22.21	22.01	21.91
		1	1	26.42	**26.49**	26.26	24.10	**24.22**	24.00	26.27	**26.56**	26.30	**23.06**	22.97	22.86
		1	76	26.29	26.39	26.43	24.18	24.19	23.87	26.11	26.20	26.54	23.02	22.97	22.80
		1	77	25.10	25.41	25.30	23.12	23.04	23.03	25.45	25.28	25.06	22.01	21.94	21.62
		36	18	26.24	26.21	26.28	23.79	23.78	23.65	26.21	26.13	26.12	22.85	22.87	22.83
		75	0	26.28	26.23	26.19	23.80	23.79	23.69	26.23	26.22	26.13	22.92	22.86	22.82
	256QAM	1	0	24.09	24.19	24.16	**21.84**	21.79	21.38	24.12	23.91	23.99	20.79	**21.07**	20.82
		1	1	24.11	24.17	24.23	21.69	**21.84**	21.48	24.08	24.12	24.00	20.68	21.01	20.48
		1	76	24.12	23.95	24.18	21.63	21.44	21.56	23.98	24.19	24.07	20.88	20.76	20.80
		1	77	24.03	24.19	24.06	21.43	21.68	21.55	23.97	23.86	24.13	20.80	20.87	20.45
		36	18	**24.30**	24.22	24.21	21.78	21.81	21.72	24.14	24.15	24.06	20.80	20.78	20.74
		75	0	24.26	24.27	24.18	21.73	21.80	21.73	**24.20**	24.17	24.10	20.88	20.83	20.78

OUTPUT POWER FOR 5G NR n77 (40.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 7			ANT 8			ANT 9			ANT 4		
				631332	633332	635332	631332	633332	635332	631332	633332	635332	631332	633332	635332
				3470.0	3500.0	3530.0	3470.0	3500.0	3530.0	3470.0	3500.0	3530.0	3470.0	3500.0	3530.0
40.0	BPSK	1	0	25.29	25.40	25.31	22.84	22.80	22.81	25.27	25.25	25.12	21.92	21.87	21.92
		1	1	28.55	28.59	28.60	**26.08**	26.03	25.92	28.57	**28.63**	28.42	24.03	24.13	23.95
		1	104	28.60	**28.63**	28.60	26.04	25.91	25.81	28.58	28.43	28.43	24.05	**24.15**	23.92
		1	105	25.29	25.30	25.23	22.76	22.83	22.67	25.23	25.18	25.15	21.81	21.83	21.70
		50	25	28.49	28.44	28.44	25.98	25.97	25.91	28.37	28.38	28.31	23.97	23.92	23.94
		100	0	28.35	28.26	28.25	25.77	25.77	25.69	28.27	28.19	28.22	23.98	23.93	23.93
	QPSK	1	0	25.31	25.29	25.28	22.84	22.98	22.86	25.45	25.32	25.29	21.92	21.85	21.90
		1	1	28.53	28.65	28.66	26.12	**26.20**	26.13	28.62	28.59	28.62	23.94	23.97	24.07
		1	104	**28.70**	28.58	28.52	26.12	25.97	26.04	**28.70**	28.49	28.54	**24.14**	23.93	23.91
		1	105	25.35	25.30	25.33	22.84	22.82	22.73	25.25	25.22	25.11	21.75	21.71	21.74
		50	25	28.45	28.44	28.48	25.89	25.96	25.95	28.40	28.41	28.39	23.92	23.95	23.89
		100	0	27.73	27.74	27.75	25.28	25.27	25.19	27.76	27.72	27.71	24.00	23.99	23.93
	16QAM	1	0	25.34	25.54	25.24	22.92	22.80	22.94	25.41	24.96	25.24	22.11	21.85	21.69
		1	1	27.82	27.90	**28.03**	25.45	**25.62**	25.16	**28.11**	27.87	28.04	**24.20**	24.04	23.67
		1	104	27.72	27.95	27.64	25.31	25.15	25.14	27.79	27.75	27.48	24.05	23.96	23.73
		1	105	25.39	25.18	25.32	22.67	22.79	22.67	25.30	25.31	25.34	21.85	21.75	21.48
		50	25	27.73	27.65	27.72	25.20	25.27	25.12	27.74	27.68	27.63	23.98	23.98	23.95
		100	0	26.83	26.70	26.74	24.21	24.23	24.09	26.67	26.66	26.62	23.19	23.20	23.20
	64QAM	1	0	25.56	25.33	25.26	22.89	22.95	23.02	25.14	25.26	25.23	21.99	22.06	21.96
		1	1	26.28	26.21	26.48	**24.12**	23.85	23.97	26.51	**26.79**	26.31	22.84	22.85	22.87
		1	104	**26.63**	26.32	26.35	24.08	23.91	23.71	26.52	26.30	26.39	**23.02**	22.98	22.87
		1	105	25.28	25.53	25.45	22.83	22.77	22.72	25.38	25.32	25.29	21.86	21.98	21.93
		50	25	26.14	26.18	24.42	23.70	23.66	23.67	26.18	26.11	26.06	22.79	22.68	22.71
		100	0	26.24	26.21	25.56	23.75	23.75	23.71	26.28	26.25	26.16	22.80	22.75	22.79
	256QAM	1	0	24.16	24.29	23.69	21.21	21.71	21.33	24.09	24.09	23.76	20.64	20.71	20.73
		1	1	24.04	23.96	23.76	**21.87**	21.32	21.72	23.94	24.09	24.13	20.69	20.72	20.70
		1	104	24.17	24.06	23.88	21.60	21.63	21.44	23.96	23.98	23.96	20.72	20.89	20.48
		1	105	23.86	24.25	23.64	21.69	21.62	21.54	23.93	23.60	23.88	**20.91**	20.54	20.50
		50	25	**24.30**	24.14	23.83	21.64	21.63	21.57	24.14	24.07	24.03	20.69	20.62	20.71
		100	0	24.16	24.25	23.95	21.71	21.65	21.64	**24.19**	24.10	24.02	20.65	20.68	20.58

OUTPUT POWER FOR 5G NR n77 (50.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 7			ANT 8			ANT 9			ANT 4		
				631666	633332	634998	631666	633332	634998	631666	633332	634998	631666	633332	634998
				3475.0	3500.0	3525.0	3475.0	3500.0	3525.0	3475.0	3500.0	3525.0	3475.0	3500.0	3525.0
50.0	BPSK	1	0	25.13	25.33	25.36	22.94	22.83	22.72	25.34	25.34	25.26	22.04	21.93	22.06
		1	1	28.47	28.61	**28.70**	**26.18**	26.06	26.00	28.61	28.53	**28.68**	**24.20**	24.08	24.15
		1	131	28.37	28.46	28.41	25.95	26.05	25.92	28.41	28.37	28.42	23.99	23.97	23.90
		1	132	25.01	25.12	25.28	22.68	22.64	22.64	25.15	25.12	25.22	21.84	21.85	21.65
		64	32	28.32	28.47	28.52	25.97	25.97	25.90	28.64	28.48	28.46	24.09	24.07	24.07
		128	0	28.21	28.31	28.18	25.77	25.70	25.70	28.28	28.32	28.26	24.00	24.09	24.08
	QPSK	1	0	25.37	25.25	25.39	22.93	22.89	22.89	25.52	25.40	25.38	21.87	22.03	21.98
		1	1	28.54	**28.67**	28.53	**26.20**	26.14	26.11	**28.70**	28.69	28.65	24.10	**24.20**	24.15
		1	131	28.43	28.60	28.54	25.95	25.91	25.81	28.69	28.44	28.55	23.97	24.02	23.87
		1	132	25.18	25.21	25.22	22.76	22.59	22.61	25.24	25.09	25.12	21.67	21.79	21.65
		64	32	28.48	28.51	28.40	25.94	25.92	25.91	28.46	28.54	28.48	24.11	24.07	24.10
		128	0	27.72	27.72	27.74	25.26	25.19	25.24	27.79	27.81	27.69	24.05	24.07	24.12
	16QAM	1	0	25.22	25.51	25.43	22.69	22.77	22.96	25.19	25.48	25.87	21.91	21.84	22.02
		1	1	27.68	27.84	27.57	**25.60**	25.39	25.55	27.83	**28.27**	28.02	24.16	24.00	**24.20**
		1	131	27.80	27.65	**27.87**	25.53	25.10	25.07	27.91	27.76	27.61	23.96	24.08	24.02
		1	132	25.40	25.42	25.04	22.59	22.58	22.22	25.24	24.98	25.06	21.99	21.70	21.51
		64	32	27.76	27.82	27.75	25.32	25.22	25.13	27.79	27.81	27.72	24.04	24.08	24.14
		128	0	26.75	26.83	26.70	24.29	24.27	24.22	26.73	26.80	26.66	23.40	23.39	23.35
	64QAM	1	0	25.24	25.34	25.42	23.22	23.15	22.78	25.39	25.21	25.54	22.01	22.10	22.09
		1	1	**26.73**	26.62	26.66	**24.20**	23.97	23.98	26.52	**26.62**	26.48	**23.33**	22.97	23.13
		1	131	26.31	26.14	26.26	24.05	23.57	23.70	26.53	26.17	26.42	22.90	23.20	22.86
		1	132	25.32	25.35	25.14	22.90	22.75	22.59	25.31	25.24	25.23	21.92	21.66	21.84
		64	32	26.23	26.30	26.25	23.80	23.73	23.66	26.26	26.28	26.19	22.84	22.80	22.87
		128	0	26.24	26.27	26.25	23.78	23.67	23.66	26.31	26.27	26.19	22.83	22.85	22.89
	256QAM	1	0	24.14	24.14	24.06	21.55	21.49	21.86	24.15	24.17	24.12	21.11	20.93	21.06
		1	1	**24.28**	24.20	24.26	21.64	21.71	21.18	**24.37**	24.28	24.06	**21.31**	20.67	20.76
		1	131	23.91	23.83	23.92	21.30	**21.87**	21.25	23.91	23.81	24.07	21.08	20.41	20.69
		1	132	23.84	23.79	24.00	21.48	21.57	21.49	23.82	23.81	23.70	20.96	20.80	20.58
		64	32	24.19	24.22	24.24	21.75	21.63	21.61	24.26	24.27	24.26	20.83	20.80	20.87
		128	0	24.16	24.19	24.25	21.76	21.66	21.63	24.30	24.26	24.17	20.83	20.81	20.84

OUTPUT POWER FOR 5G NR n77 (60.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 7			ANT 8			ANT 9			ANT 4		
				632000	633332	634666	632000	633332	634666	632000	633332	634666	632000	633332	634666
				3480.0	3500.0	3520.0	3480.0	3500.0	3520.0	3480.0	3500.0	3520.0	3480.0	3500.0	3520.0
60.0	BPSK	1	0	25.27	25.33	25.35	22.91	22.90	22.76	25.23	25.27	25.03	21.86	21.79	21.69
		1	1	28.66	**28.67**	28.66	**26.19**	26.08	26.02	28.53	28.54	28.36	**24.07**	23.93	23.95
		1	160	28.41	28.35	28.35	25.98	26.00	25.95	**28.62**	28.36	28.43	23.87	23.89	23.74
		1	161	25.14	25.22	25.23	22.73	22.70	22.74	25.23	25.06	24.99	21.59	21.73	21.58
		81	40	28.49	28.49	28.50	26.08	26.09	25.99	28.45	28.46	28.37	23.96	23.86	23.95
		162	0	28.30	28.35	28.31	25.94	25.90	25.85	28.27	28.24	28.18	23.98	23.87	23.90
	QPSK	1	0	25.31	25.26	25.23	22.87	23.08	22.93	25.18	25.24	25.18	21.78	21.83	21.66
		1	1	28.47	**28.70**	28.48	26.19	**26.20**	26.06	28.55	**28.70**	28.44	23.92	23.91	23.84
		1	160	28.39	28.50	28.49	25.96	26.10	25.87	28.61	28.33	28.52	23.87	23.79	23.61
		1	161	25.19	25.24	25.27	22.80	22.88	22.75	25.36	25.09	25.08	21.64	21.64	21.44
		81	40	28.46	28.53	28.49	26.05	26.08	26.03	28.46	28.50	28.45	23.96	23.92	23.91
		162	0	27.80	27.88	27.75	25.36	25.36	25.35	27.77	27.79	27.72	**24.00**	23.90	23.96
	16QAM	1	0	25.27	25.33	25.25	22.82	22.93	23.01	25.27	25.30	25.62	22.06	22.20	21.54
		1	1	27.88	28.22	**28.24**	25.55	25.58	25.33	27.86	27.59	**28.13**	**24.20**	24.12	23.72
		1	160	27.76	27.76	27.58	**25.59**	25.28	25.20	27.61	28.01	27.66	23.95	24.13	23.72
		1	161	25.34	25.01	25.39	22.98	22.90	22.44	25.16	25.30	25.09	21.68	22.08	21.50
		81	40	27.89	27.73	27.79	25.36	25.34	25.31	27.71	27.72	27.67	23.97	23.88	24.03
		162	0	26.78	26.84	26.76	24.35	24.32	24.34	26.69	26.75	26.62	23.21	23.20	23.23
	64QAM	1	0	25.59	25.54	25.15	23.10	23.04	22.93	25.56	25.26	25.12	21.98	21.69	21.57
		1	1	26.12	**26.82**	26.20	**24.05**	23.93	23.89	26.45	26.48	**26.66**	22.77	22.64	22.77
		1	160	26.32	26.42	26.52	23.98	23.79	23.74	26.11	26.32	26.32	22.59	22.56	22.57
		1	161	25.17	25.21	25.11	23.15	22.82	22.60	25.17	25.00	25.01	21.69	21.52	21.49
		81	40	26.36	26.33	26.34	23.86	23.86	23.80	26.16	26.18	26.16	22.75	22.70	**22.78**
		162	0	26.33	26.32	26.24	23.90	23.83	23.83	26.14	26.25	26.15	22.77	22.72	22.71
	256QAM	1	0	24.19	23.98	24.07	21.88	21.68	21.34	23.91	24.00	23.63	20.75	20.61	**21.00**
		1	1	**24.35**	24.20	24.07	**21.96**	21.38	21.45	24.12	**24.43**	23.86	20.87	20.81	20.49
		1	160	24.08	24.23	23.91	21.68	21.67	21.08	24.38	23.69	23.81	20.73	20.51	20.47
		1	161	24.06	24.12	23.69	21.15	21.59	21.76	24.10	23.86	23.69	20.53	20.41	20.44
		81	40	24.24	24.26	24.27	21.77	21.70	21.66	24.22	24.09	24.12	20.78	20.61	20.76
		162	0	24.26	24.27	24.25	21.81	21.74	21.64	24.20	24.05	24.16	20.74	20.65	20.69

OUTPUT POWER FOR 5G NR n77 (70.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 7			ANT 8			ANT 9			ANT 4		
				632333	633332	634333	632333	633332	634333	632333	633332	634333	632333	633332	634333
				3485.0	3500.0	3515.0	3485.0	3500.0	3515.0	3485.0	3500.0	3515.0	3485.0	3500.0	3515.0
70.0	BPSK	1	0	25.27	25.20	25.21	22.92	22.87	22.88	25.35	24.95	24.98	21.91	21.98	21.88
		1	1	**28.58**	28.46	28.55	26.09	**26.12**	25.94	**28.70**	28.47	28.34	**24.12**	24.09	24.08
		1	187	28.42	28.56	28.39	25.86	25.92	25.89	28.44	28.24	28.04	23.92	23.96	23.90
		1	188	25.00	25.14	25.06	22.50	22.63	22.62	25.10	24.87	24.76	21.70	21.75	21.63
		90	45	28.43	28.43	28.48	26.02	25.97	26.08	28.55	28.26	28.21	24.03	24.02	24.02
		180	0	28.28	28.30	28.29	25.89	25.83	25.83	28.32	28.02	28.04	24.05	23.98	23.99
	QPSK	1	0	25.25	25.22	25.38	22.94	23.01	22.95	25.39	25.25	25.18	21.89	22.01	21.73
		1	1	28.61	**28.70**	28.57	26.13	26.14	**26.20**	27.93	28.30	**28.47**	23.92	**24.16**	23.89
		1	187	28.36	28.42	28.35	25.92	26.07	25.90	27.68	28.18	28.30	23.82	24.01	23.88
		1	188	25.18	25.15	25.18	22.60	22.42	22.63	24.48	24.94	25.00	21.60	21.75	21.40
		90	45	28.48	28.43	28.51	26.04	26.01	25.96	27.89	28.26	28.25	23.95	24.03	24.02
		180	0	27.77	27.78	27.73	25.35	25.34	25.20	27.23	27.51	27.56	24.04	24.02	23.97
	16QAM	1	0	24.91	25.25	25.30	22.83	23.11	22.82	25.13	25.22	25.18	21.95	22.10	21.53
		1	1	27.99	**28.25**	27.86	**25.56**	25.04	25.02	27.62	27.33	**27.63**	24.02	**24.20**	23.86
		1	187	27.76	27.10	27.89	25.29	25.20	25.13	27.39	27.22	27.35	23.83	24.10	23.79
		1	188	25.20	25.32	25.02	22.62	22.60	22.86	24.67	24.85	24.58	21.60	21.80	21.27
		90	45	27.71	27.75	27.68	25.36	25.31	25.34	27.47	27.42	27.57	24.03	23.97	23.98
		180	0	26.76	26.74	26.67	24.33	24.38	24.23	26.52	26.43	26.48	23.28	23.32	23.27
	64QAM	1	0	25.37	25.56	25.29	22.90	22.95	22.84	25.02	25.01	24.91	21.68	22.16	21.74
		1	1	26.25	**26.39**	26.09	23.83	23.67	23.46	26.19	25.83	25.99	22.83	**23.06**	22.93
		1	187	26.31	26.20	26.21	23.87	23.73	23.71	25.51	**26.23**	25.90	22.47	22.97	22.51
		1	188	25.17	25.34	25.08	22.60	22.78	22.63	24.76	25.03	25.09	21.62	21.97	21.29
		90	45	26.26	26.19	26.24	**23.88**	23.87	23.82	26.04	26.09	25.91	22.78	22.81	22.83
		180	0	26.20	26.26	26.23	23.87	**23.88**	23.72	26.02	26.03	26.00	22.74	22.88	22.83
	256QAM	1	0	24.21	23.84	24.17	21.83	**22.10**	21.35	23.94	23.90	**24.14**	20.94	20.91	20.64
		1	1	24.05	**24.47**	24.13	21.65	21.52	21.85	23.80	23.88	23.75	20.57	20.78	20.54
		1	187	23.81	23.77	23.68	21.57	21.47	21.39	23.62	23.94	24.09	**21.13**	20.48	20.54
		1	188	23.80	24.18	23.61	21.41	21.73	21.41	23.72	23.59	23.34	20.84	20.69	20.40
		90	45	24.17	24.24	24.16	21.77	21.80	21.75	23.99	24.05	23.89	20.69	20.78	20.81
		180	0	24.16	24.17	24.19	21.81	21.76	21.74	24.07	24.04	23.98	20.72	20.81	20.75

OUTPUT POWER FOR 5G NR n77 (80.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 7			ANT 8			ANT 9			ANT 4		
				632666	633332	633998	632666	633332	633998	632666	633332	633998	632666	633332	633998
				3490.0	3500.0	3510.0	3490.0	3500.0	3510.0	3490.0	3500.0	3510.0	3490.0	3500.0	3510.0
80.0	BPSK	1	0	25.05	25.13	25.23	22.85	23.00	22.91	25.25	25.31	25.30	21.69	21.87	21.90
		1	1	28.38	28.45	28.42	26.15	26.03	**26.20**	28.59	28.51	**28.70**	23.82	23.88	23.78
		1	215	28.37	28.32	28.39	25.84	26.02	26.01	28.55	28.32	28.40	23.77	23.84	23.79
		1	216	25.10	25.04	25.05	22.70	22.74	22.64	25.17	25.01	25.16	21.81	21.70	21.37
		108	54	28.46	**28.47**	28.45	26.12	26.12	26.15	28.57	28.57	28.46	23.88	**23.99**	23.96
		216	0	28.27	28.27	28.21	25.93	25.92	25.95	28.31	28.24	28.28	23.87	23.94	23.92
	QPSK	1	0	25.40	25.32	25.18	23.08	23.04	23.07	25.28	25.44	25.44	21.74	21.93	21.76
		1	1	28.63	28.52	28.39	26.12	26.10	26.12	28.62	**28.70**	28.59	23.91	23.90	23.99
		1	215	**28.70**	28.60	28.43	25.92	26.11	25.98	28.45	28.37	28.46	23.84	23.96	23.75
		1	216	25.13	25.27	25.04	22.94	22.72	22.84	25.01	25.14	25.08	21.68	21.63	21.61
		108	54	28.46	28.49	28.47	26.08	26.11	**26.13**	28.53	28.45	28.51	23.90	23.97	23.87
		216	0	27.70	27.72	27.73	25.43	25.43	25.44	27.89	27.79	27.78	23.87	**24.01**	23.93
	16QAM	1	0	25.34	25.02	25.37	23.02	22.86	23.03	25.64	25.42	25.44	21.73	21.80	21.83
		1	1	27.97	27.86	27.97	25.38	25.44	25.48	27.78	27.69	**28.02**	24.04	23.77	24.10
		1	215	27.78	27.75	**27.99**	25.14	**25.50**	25.44	27.66	27.88	27.84	23.91	23.88	**24.20**
		1	216	24.95	25.00	25.26	22.57	23.02	22.71	25.05	25.25	24.74	21.78	21.76	21.72
		108	54	27.70	27.75	27.69	25.40	25.42	25.39	27.80	27.73	27.73	23.90	23.93	23.93
		216	0	26.69	26.69	26.74	24.38	24.45	24.40	26.85	26.75	26.70	23.24	23.29	23.24
	64QAM	1	0	25.39	25.24	25.53	22.72	22.84	23.26	25.37	25.50	25.59	21.53	21.99	22.00
		1	1	26.05	26.51	**26.62**	24.10	**24.22**	23.63	26.18	26.40	**26.64**	22.69	22.90	**23.15**
		1	215	26.38	25.90	26.35	24.19	24.09	23.77	26.41	25.95	25.98	22.72	22.49	22.72
		1	216	24.95	25.51	25.22	23.31	22.96	22.86	25.53	25.04	25.18	21.74	21.62	21.72
		108	54	26.14	26.14	26.13	23.92	23.88	23.88	26.23	26.24	26.18	22.71	22.72	22.73
		216	0	26.12	26.16	26.21	23.90	23.92	23.90	26.26	26.21	26.26	22.68	22.71	22.71
	256QAM	1	0	24.07	24.04	24.18	21.59	21.72	21.67	24.02	24.17	**24.37**	20.87	20.81	20.43
		1	1	23.89	24.05	**24.31**	21.67	21.70	21.67	24.23	24.01	24.22	20.53	20.39	20.62
		1	215	23.66	24.15	24.11	21.38	21.43	21.40	23.81	23.67	24.09	20.75	**20.90**	20.46
		1	216	23.93	23.83	23.66	21.44	21.49	21.74	23.94	24.13	24.26	20.73	20.42	20.02
		108	54	24.14	24.13	24.11	21.84	21.87	21.86	24.20	24.25	24.15	20.66	20.67	20.74
		216	0	24.08	24.12	24.19	21.86	21.87	**21.91**	24.20	24.28	24.14	20.65	20.74	20.66

OUTPUT POWER FOR 5G NR n77 (90.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 7			ANT 8			ANT 9			ANT 4		
				633000	633332	633666	633000	633332	633666	633000	633332	633666	633000	633332	633666
				3495.0	3500.0	3505.0	3495.0	3500.0	3505.0	3495.0	3500.0	3505.0	3495.0	3500.0	3505.0
90.0	BPSK	1	0	25.37	25.31	25.25	22.87	22.85	22.88	25.31	25.37	25.23	22.03	22.14	21.87
		1	1	28.46	28.50	28.47	26.16	**26.17**	26.11	28.62	28.43	**28.63**	24.04	24.01	24.11
		1	243	**28.63**	28.44	28.61	25.98	26.09	26.14	28.46	28.57	28.35	24.00	24.09	23.93
		1	244	25.16	25.26	25.29	22.82	22.69	22.74	25.12	25.21	25.16	21.76	21.84	21.75
		120	60	28.46	28.48	28.50	26.10	26.07	26.11	28.59	28.48	28.47	24.03	**24.14**	24.13
		243	0	28.32	28.27	28.32	25.93	25.86	25.87	28.26	28.29	28.27	24.03	24.12	24.05
	QPSK	1	0	25.30	25.24	25.35	22.82	22.88	22.94	25.50	25.19	25.19	22.05	22.26	22.02
		1	1	28.55	28.54	28.66	26.19	**26.20**	26.00	28.66	28.69	**28.70**	24.01	23.94	24.13
		1	243	**28.70**	28.65	28.68	25.92	26.01	26.19	28.65	28.46	28.63	24.10	23.90	24.09
		1	244	25.20	25.21	25.41	22.97	22.72	22.82	25.25	25.35	25.14	21.81	21.74	21.89
		120	60	28.47	28.48	28.49	26.05	26.07	26.09	28.45	28.42	28.55	23.95	**24.14**	24.07
		243	0	27.76	27.78	27.83	25.37	25.35	25.26	27.72	27.68	27.81	23.96	24.10	24.03
	16QAM	1	0	24.92	25.53	25.26	22.84	23.02	23.00	25.55	25.54	25.14	21.72	21.98	21.99
		1	1	27.83	27.75	27.64	25.46	**25.60**	25.21	**28.07**	27.66	28.01	24.08	24.10	24.02
		1	243	27.72	27.55	**27.95**	25.04	25.41	25.44	27.42	27.71	28.00	**24.20**	24.06	24.10
		1	244	25.15	25.31	25.51	22.22	22.67	22.84	25.59	25.21	25.38	21.74	22.01	21.64
		120	60	27.70	27.69	27.80	25.38	25.28	25.31	27.86	27.75	27.79	24.03	24.11	24.13
		243	0	26.69	26.72	26.74	24.36	24.33	24.36	26.81	26.70	26.78	23.28	23.38	23.36
	64QAM	1	0	25.32	25.25	25.70	23.06	23.21	23.08	25.27	25.43	25.53	21.87	22.22	22.12
		1	1	**26.61**	26.53	26.42	24.18	24.00	23.97	26.28	**26.62**	26.47	22.95	23.00	22.55
		1	243	26.30	26.12	26.40	**24.27**	23.86	23.73	26.35	26.53	26.28	**23.20**	22.70	22.86
		1	244	25.11	25.15	25.31	22.96	22.84	22.87	25.00	25.38	25.50	21.64	21.70	21.98
		120	60	26.13	26.17	26.18	23.80	23.77	23.73	26.14	26.26	26.23	22.83	22.89	22.88
		243	0	26.20	26.24	26.21	23.86	23.83	23.84	26.25	26.29	26.24	22.76	22.82	22.83
	256QAM	1	0	24.12	24.39	23.88	21.76	21.38	21.71	24.29	23.95	23.96	20.69	20.94	21.03
		1	1	24.39	**24.66**	23.88	21.64	21.83	21.58	24.09	24.23	23.88	20.59	**21.09**	20.94
		1	243	23.89	24.18	23.91	21.18	21.09	**21.93**	23.93	24.13	23.86	20.83	20.69	21.05
		1	244	23.72	23.76	23.96	21.73	21.84	21.37	**24.31**	24.02	23.89	20.37	20.73	21.05
		120	60	24.13	24.18	24.11	21.85	21.79	21.75	24.15	24.23	24.14	20.76	20.84	20.75
		243	0	24.19	24.18	24.17	21.83	21.83	21.79	24.23	24.20	24.19	20.74	20.84	20.78

OUTPUT POWER FOR 5G NR n77 (100.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 7			ANT 8			ANT 9			ANT 4		
				N/A	633332	N/A	N/A	633332	N/A	N/A	633332	N/A	N/A	633332	N/A
				N/A	3500.0	N/A	N/A	3500.0	N/A	N/A	3500.0	N/A	N/A	3500.0	N/A
100.0	BPSK	1	0		25.30			22.83			25.26			22.01	
		1	1		**28.65**			**26.20**			**28.70**			23.95	
		1	271		28.51			25.97			28.60			23.96	
		1	272		25.39			22.57			25.24			21.82	
		135	67		28.57			26.05			28.52			**24.10**	
		270	0		28.39			25.83			28.38			**24.10**	
	QPSK	1	0		25.41			22.90			25.44			21.98	
		1	1		**28.70**			**26.06**			**28.62**			23.80	
		1	271		**28.70**			25.93			28.42			23.94	
		1	272		25.41			22.80			25.22			21.50	
		135	67		28.58			26.04			28.59			**24.10**	
		270	0		27.89			25.39			27.81			24.07	
	16QAM	1	0		25.04			22.59			24.88			21.99	
		1	1		27.64			**25.73**			**28.19**			24.11	
		1	271		**28.37**			25.37			27.44			23.92	
		1	272		25.95			22.91			25.58			21.89	
		135	67		27.89			25.31			27.73			**24.20**	
		270	0		26.86			24.36			26.77			23.43	
	64QAM	1	0		25.68			23.26			25.64			21.80	
		1	1		26.06			**24.19**			**26.86**			22.50	
		1	271		**26.69**			23.78			26.26			**22.88**	
		1	272		25.35			22.40			25.25			21.90	
		135	67		26.36			23.87			26.42			22.87	
		270	0		26.40			23.85			26.44			22.87	
	256QAM	1	0		24.06			21.70			24.25			21.14	
		1	1		23.99			**22.00**			24.06			**21.18**	
		1	271		24.12			21.22			24.07			20.91	
		1	272		**24.35**			21.62			24.14			20.57	
		135	67		24.31			21.82			**24.34**			20.98	
		270	0		24.34			21.81			24.31			20.83	

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

Test Engineer ID:	12482	Test Date:	5/12/2023

OUTPUT POWER FOR 5G NR n77 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 7			ANT 8			ANT 9			ANT 4		
				647000	656000	665000	647000	656000	665000	647000	656000	665000	647000	656000	665000
				3705.0	3840.0	3975.0	3705.0	3840.0	3975.0	3705.0	3840.0	3975.0	3705.0	3840.0	3975.0
10.0	BPSK	1	0	22.69	25.22	25.25	22.76	22.41	22.39	24.87	25.29	25.12	21.44	21.72	21.45
		1	1	**28.62**	**28.62**	28.52	25.95	24.91	25.68	28.24	**28.70**	28.47	23.74	**24.08**	23.75
		1	22	28.57	28.55	28.54	25.99	25.91	25.73	28.18	28.53	28.33	23.70	24.00	23.84
		1	23	25.42	25.25	25.19	22.64	22.35	22.36	24.97	25.20	27.25	21.37	21.71	21.47
		12	6	28.55	28.57	28.53	**26.04**	25.69	25.71	28.21	28.52	28.37	23.67	24.00	23.78
		24	0	28.29	28.37	28.33	25.81	25.58	25.52	28.00	28.39	28.12	23.80	24.06	23.82
	QPSK	1	0	25.22	25.28	25.12	22.91	22.53	22.49	24.93	25.22	25.17	21.47	21.79	21.50
		1	1	**28.70**	28.49	28.42	**26.20**	25.94	25.71	28.22	28.46	27.99	23.64	23.99	23.72
		1	22	28.63	28.50	28.54	26.02	25.76	25.64	28.30	**28.49**	27.95	23.64	24.05	23.72
		1	23	25.33	25.28	25.13	22.81	22.39	22.45	25.02	25.30	25.08	21.37	21.73	21.45
		12	6	28.67	28.59	28.53	26.09	25.76	25.72	28.26	28.47	27.66	23.68	**24.07**	23.72
		24	0	27.90	27.77	27.72	25.32	24.93	25.02	27.54	27.51	26.75	22.90	24.01	23.78
	16QAM	1	0	25.45	25.21	25.02	22.56	22.53	22.49	24.97	25.27	25.41	21.53	21.96	21.49
		1	1	**28.11**	27.71	27.80	**25.64**	25.49	25.23	27.37	27.40	26.89	23.00	**24.20**	23.74
		1	22	27.50	27.70	27.34	25.45	25.26	24.94	27.55	**27.70**	26.93	23.01	24.08	23.84
		1	23	25.08	25.12	24.73	22.94	22.40	22.09	24.85	25.26	24.46	21.46	21.86	21.56
		12	6	27.87	27.72	27.56	25.45	24.99	24.88	27.56	27.35	26.60	22.87	24.03	23.69
		24	0	26.83	26.82	26.71	24.40	24.05	23.93	26.46	26.54	25.69	21.90	23.31	23.08
	64QAM	1	0	25.36	25.61	25.24	23.14	22.56	22.59	24.93	25.23	24.62	21.11	21.77	21.52
		1	1	**26.58**	26.35	26.34	**24.04**	23.66	23.56	25.93	**26.56**	25.59	21.14	22.77	22.33
		1	22	26.48	26.43	26.03	23.84	23.78	23.33	25.93	26.19	25.63	21.20	22.66	22.36
		1	23	25.36	25.20	25.11	22.83	22.38	22.36	24.89	25.45	24.58	21.15	21.66	21.31
		12	6	26.37	26.35	26.21	23.84	23.62	23.46	26.00	26.14	25.10	21.43	**22.93**	22.51
		24	0	26.47	26.33	26.23	23.73	23.44	23.44	26.01	26.21	25.10	21.39	22.90	22.54
	256QAM	1	0	24.22	24.44	23.93	21.43	21.34	21.25	23.98	**24.57**	23.37	19.76	20.60	20.16
		1	1	24.45	24.35	24.25	21.67	21.21	21.09	24.04	24.36	23.22	19.73	20.66	20.02
		1	22	**24.46**	24.11	24.04	21.57	21.23	21.29	24.17	24.19	23.17	19.65	20.47	20.08
		1	23	24.34	24.37	24.23	21.64	21.42	21.22	23.98	24.53	23.32	19.59	20.58	19.87
		12	6	24.34	24.32	24.09	**21.76**	21.52	21.26	23.96	24.20	23.25	19.76	20.54	20.24
		24	0	24.30	24.31	24.10	21.71	21.37	21.34	23.90	24.26	23.25	19.70	**20.69**	20.38

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	25.41	25.08	24.81	22.59	22.00	21.96	25.25	24.74	24.03	21.10	21.43	21.17
		1	1	**28.70**	28.41	28.14	**26.12**	25.33	25.27	28.57	28.01	27.27	23.40	23.68	23.54
		1	36	28.54	28.12	28.09	26.00	25.27	25.30	28.64	27.92	27.30	23.32	**23.82**	23.44
		1	37	25.37	24.84	24.78	22.44	21.96	22.04	25.25	24.67	23.99	21.10	21.46	21.17
		18	9	28.63	28.24	28.04	26.05	25.19	25.23	**28.65**	27.92	23.99	23.38	23.78	23.45
		36	0	28.47	28.04	27.82	25.46	25.08	25.10	28.41	27.75	27.15	23.36	23.79	23.40
	QPSK	1	0	20.13	25.00	24.92	22.49	22.06	22.14	25.40	24.71	23.99	21.15	21.62	21.22
		1	1	**28.60**	28.38	28.07	**26.20**	25.28	25.30	**28.70**	27.98	27.30	23.40	23.86	23.50
		1	36	28.48	28.18	27.96	26.00	25.33	25.38	28.63	27.89	27.24	23.42	**23.91**	23.47
		1	37	25.10	24.90	24.71	22.49	22.03	22.04	25.30	24.60	24.09	21.18	21.58	21.24
		18	9	28.45	28.14	27.96	26.02	25.22	25.23	28.56	27.92	27.19	23.32	23.72	23.41
		36	0	27.66	27.15	27.22	24.92	24.49	24.55	27.82	27.16	26.16	22.41	23.74	23.48
	16QAM	1	0	25.08	25.23	24.56	22.47	22.12	22.24	25.21	24.97	24.29	21.47	21.81	21.21
		1	1	27.51	25.98	27.26	**25.36**	24.62	24.55	**28.18**	27.06	26.60	22.77	24.11	23.61
		1	36	**27.83**	26.02	26.87	24.51	24.49	24.73	**28.18**	27.04	26.23	22.73	**24.20**	23.49
		1	37	24.91	24.71	24.84	22.52	22.05	22.18	25.36	24.13	24.13	21.38	21.91	21.22
		18	9	27.69	27.20	27.18	25.07	24.47	24.64	27.93	27.10	26.04	22.48	23.73	23.44
		36	0	26.66	26.21	26.16	23.92	23.53	23.52	26.86	26.18	25.15	21.38	23.02	22.53
	64QAM	1	0	25.42	25.03	24.71	22.48	22.13	22.29	25.72	25.98	24.45	20.88	21.30	21.16
		1	1	26.18	**26.23**	25.92	**24.10**	23.14	23.26	**26.75**	25.98	25.19	20.77	22.52	22.20
		1	36	25.98	25.79	25.66	23.61	23.02	23.14	26.71	26.04	25.34	21.05	22.26	22.00
		1	37	25.17	24.76	24.87	22.45	21.78	21.81	25.82	24.89	24.33	20.84	21.19	21.29
		18	9	26.15	25.64	25.65	23.43	22.93	23.00	26.32	25.67	24.72	20.91	22.50	22.11
		36	0	26.13	25.68	25.79	23.46	22.98	13.01	26.37	25.58	24.66	20.83	**22.54**	22.05
	256QAM	1	0	**24.51**	24.07	23.79	21.26	20.76	20.93	24.21	23.75	22.70	19.01	**20.50**	20.04
		1	1	24.29	24.09	23.96	21.30	20.82	21.02	24.08	23.59	22.91	19.09	20.47	20.09
		1	36	24.27	23.98	23.70	21.12	20.79	20.72	24.31	23.38	22.62	19.06	20.33	19.99
		1	37	24.08	24.05	24.07	21.03	21.00	21.16	24.38	23.42	22.65	19.21	20.28	20.06
		18	9	24.07	23.90	23.79	21.18	20.96	20.93	24.35	23.69	22.88	19.30	20.35	20.07
		36	0	24.08	23.85	23.78	**21.42**	20.97	21.02	**24.45**	23.68	22.94	19.39	20.42	20.08

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	24.66	24.92	25.49	23.08	22.66	22.42	25.15	24.97	24.41	21.64	21.81	21.43
		1	1	28.01	28.10	**28.70**	**26.13**	25.93	25.77	**28.52**	28.10	27.66	23.96	24.01	23.73
		1	49	27.93	28.18	28.68	25.97	25.74	25.59	28.47	27.72	27.44	23.74	23.98	23.78
		1	50	24.63	24.83	25.53	22.74	22.51	22.27	24.93	24.37	24.07	21.47	21.74	21.46
		25	12	28.04	28.09	28.67	26.05	25.87	25.61	28.43	27.85	27.54	23.81	**24.10**	23.65
		50	0	27.77	27.90	28.42	25.85	25.68	25.42	28.25	27.63	27.31	23.94	24.06	23.64
	QPSK	1	0	24.67	25.05	25.53	23.01	22.81	22.47	25.39	24.68	24.38	21.86	22.02	21.41
		1	1	28.11	28.15	28.61	26.16	26.06	25.90	**28.70**	28.00	27.34	24.19	**24.20**	23.71
		1	49	28.01	28.04	**28.64**	25.95	25.70	25.59	28.50	27.70	27.11	23.92	24.18	23.77
		1	50	24.65	24.93	25.42	22.95	22.44	22.29	25.12	24.45	24.08	21.66	21.74	21.41
		25	12	28.03	27.92	28.62	**26.20**	25.86	25.64	28.55	27.78	27.29	23.85	24.12	23.59
		50	0	27.11	26.98	27.85	25.51	25.21	24.91	27.81	26.87	26.34	23.02	24.11	23.53
	16QAM	1	0	25.00	24.81	26.22	23.29	22.88	22.36	25.42	24.91	24.62	22.11	21.85	21.59
		1	1	27.57	27.36	27.63	25.41	25.38	25.39	**28.03**	27.11	26.49	23.35	24.00	23.85
		1	49	27.26	27.16	27.77	25.23	25.01	24.78	28.02	27.12	26.45	23.14	23.94	23.68
		1	50	25.07	24.75	25.55	22.83	22.72	22.28	24.97	24.40	24.35	21.81	21.59	21.54
		25	12	27.04	26.95	**27.88**	**25.45**	25.15	24.88	27.74	26.85	26.11	22.85	**24.14**	23.52
		50	0	26.21	26.02	27.06	24.51	24.18	23.96	26.93	25.94	25.26	21.89	23.29	22.50
	64QAM	1	0	25.08	25.39	25.75	23.44	23.02	22.79	25.74	25.34	24.89	21.41	21.71	21.29
		1	1	26.18	26.13	26.60	**24.43**	23.91	24.01	**26.80**	26.23	25.14	21.50	22.50	22.25
		1	49	25.88	26.12	**26.72**	24.11	23.79	23.34	26.36	25.72	25.03	21.42	22.55	22.02
		1	50	25.02	24.85	25.96	23.09	22.84	22.25	25.56	24.73	24.30	21.36	21.55	21.29
		25	12	25.58	25.38	26.34	23.91	23.56	23.35	26.35	25.39	24.78	21.37	22.82	22.08
		50	0	25.62	25.55	26.42	23.97	23.54	23.44	26.49	25.42	24.85	21.43	**22.86**	22.14
	256QAM	1	0	23.71	23.75	24.20	**22.17**	21.56	21.26	24.08	23.63	23.03	19.90	**20.79**	20.25
		1	1	23.65	23.61	24.19	21.86	21.45	21.22	24.24	23.85	23.20	19.80	20.69	20.36
		1	49	23.31	23.66	24.16	21.64	21.24	21.12	23.86	23.34	22.83	19.73	20.48	20.30
		1	50	23.55	23.53	24.24	21.16	21.38	21.32	23.98	23.14	22.78	19.70	20.52	20.32
		25	12	23.73	23.69	24.41	21.87	21.44	21.25	24.38	23.52	23.13	20.01	20.69	20.30
		50	0	23.72	23.85	**24.44**	21.90	21.53	21.31	**24.43**	23.58	23.29	19.95	20.75	20.32

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	23.84	25.11	25.50	22.84	22.75	22.00	25.34	24.88	24.16	21.90	21.63	21.04
		1	1	27.16	28.43	28.66	26.12	25.96	25.41	28.42	28.19	27.58	**24.20**	23.99	23.40
		1	76	27.30	**28.70**	28.66	**26.20**	25.72	25.04	**28.58**	27.87	27.18	24.02	23.80	23.18
		1	77	24.02	25.34	25.47	22.86	22.27	21.82	25.20	24.59	23.91	21.78	21.31	20.79
		36	18	27.17	28.57	28.60	26.17	25.89	25.30	28.48	28.11	27.35	23.96	23.78	23.13
		75	0	27.02	28.30	28.47	25.96	25.62	25.10	28.28	27.82	27.16	24.06	23.88	23.20
	QPSK	1	0	23.81	25.15	25.48	23.02	22.82	22.14	25.18	24.87	24.27	21.82	21.85	21.07
		1	1	27.06	28.51	28.51	**26.18**	25.97	25.45	28.50	28.22	26.92	23.82	**23.98**	23.32
		1	76	27.40	28.50	**28.67**	26.13	25.66	25.20	**28.70**	27.76	26.88	23.87	23.73	23.08
		1	77	24.07	25.45	25.49	22.97	22.38	21.94	25.27	24.58	23.86	21.65	21.30	20.76
		36	18	27.27	28.36	28.63	26.05	25.88	25.22	28.52	27.92	26.94	23.54	23.79	23.06
		75	0	26.26	27.39	27.81	25.47	25.12	24.56	27.75	26.93	26.06	22.73	23.89	22.96
	16QAM	1	0	23.32	25.05	25.41	22.73	22.58	22.36	25.41	24.82	24.27	21.75	21.67	21.21
		1	1	26.31	27.70	27.67	25.33	25.25	24.92	27.64	27.36	25.91	22.65	**24.03**	23.46
		1	76	26.70	27.53	**27.98**	**25.97**	25.01	24.67	**27.85**	26.62	26.24	22.57	23.63	22.91
		1	77	24.40	25.61	25.74	23.09	22.30	21.78	25.46	24.85	23.57	20.99	21.33	21.14
		36	18	26.21	27.39	27.67	25.45	25.05	24.52	27.68	26.95	25.83	22.49	23.83	22.97
		75	0	25.32	26.42	26.83	24.45	24.13	23.51	26.77	26.01	24.95	21.61	23.12	22.14
	64QAM	1	0	23.99	25.23	25.81	23.53	22.79	22.38	25.59	25.36	24.63	21.23	21.51	21.09
		1	1	25.07	26.54	26.49	24.32	23.78	23.31	**26.68**	26.31	24.80	21.04	22.55	21.82
		1	76	25.26	26.55	**26.64**	**24.41**	23.72	22.99	26.64	25.59	24.80	21.33	22.28	21.45
		1	77	24.35	25.67	25.66	23.04	22.74	21.95	25.41	24.86	24.14	21.17	21.21	20.66
		36	18	24.83	25.83	26.28	23.87	23.61	22.93	26.23	25.45	24.48	21.16	22.58	21.59
		75	0	24.81	25.92	26.29	23.92	23.55	23.00	26.23	25.54	24.47	21.20	**22.66**	21.71
	256QAM	1	0	22.66	23.98	**24.71**	21.72	21.49	20.83	23.92	23.67	23.29	19.81	**20.82**	20.31
		1	1	22.84	23.98	24.44	21.68	21.78	20.92	24.00	23.93	23.49	19.58	20.68	19.91
		1	76	22.76	24.17	24.09	21.70	21.13	20.65	24.15	23.24	23.07	19.75	20.30	19.60
		1	77	22.97	24.31	23.87	21.41	21.00	20.86	24.03	23.75	22.70	19.94	20.34	19.75
		36	18	22.93	24.19	24.43	**21.92**	21.53	20.90	24.17	23.75	23.15	19.81	20.51	19.75
		75	0	22.99	24.19	24.47	21.86	21.54	20.99	**24.27**	23.77	23.12	19.73	20.57	19.89

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	23.82	25.00	25.27	22.82	22.66	21.84	25.24	24.80	23.92	21.64	21.61	21.20
		1	1	27.09	28.34	**28.66**	**26.20**	25.91	25.18	28.50	28.17	27.23	**24.20**	23.71	23.44
		1	104	27.40	28.54	28.62	26.00	25.33	24.64	**28.70**	27.60	26.99	23.62	23.26	22.98
		1	105	24.00	25.37	25.24	22.71	22.17	21.50	25.15	24.01	23.73	21.50	20.89	20.69
		50	25	26.97	28.26	28.41	25.96	25.51	24.85	28.44	27.65	27.03	23.66	23.45	22.98
		100	0	26.80	27.98	28.20	25.73	25.30	24.66	28.17	27.39	26.83	23.80	23.47	23.04
	QPSK	1	0	23.79	25.08	25.21	22.84	22.72	21.73	25.29	24.94	23.96	21.78	21.86	21.23
		1	1	26.93	28.23	28.38	**26.16**	26.01	25.11	**28.62**	27.92	26.71	23.69	**24.04**	23.48
		1	104	27.44	28.29	**28.70**	25.99	25.34	24.86	28.51	27.21	26.49	23.61	23.42	22.74
		1	105	23.99	25.05	25.46	22.74	22.10	21.45	25.20	24.12	23.58	21.43	21.00	20.78
		50	25	26.96	28.03	28.26	25.90	25.56	24.85	28.39	27.53	26.55	23.57	23.47	23.06
		100	0	26.24	27.16	27.52	25.24	24.82	24.10	27.70	26.53	25.72	22.74	23.55	23.14
	16QAM	1	0	23.55	25.01	25.30	23.23	22.70	21.82	25.37	24.69	24.59	21.78	21.85	21.13
		1	1	26.00	27.17	27.50	25.32	**25.59**	24.79	**27.77**	27.00	25.76	22.92	**23.58**	23.23
		1	104	26.77	27.12	**28.18**	25.09	25.11	24.37	27.65	26.22	25.78	22.96	23.18	22.38
		1	105	23.53	25.25	25.18	22.79	22.36	21.63	25.19	24.25	23.73	21.47	21.10	20.73
		50	25	26.15	27.02	27.28	25.22	24.85	24.13	27.61	26.42	25.57	22.66	23.45	23.05
		100	0	25.27	26.15	26.48	24.17	23.82	23.09	26.66	25.56	24.65	21.67	22.61	22.11
	64QAM	1	0	24.26	25.09	25.87	23.15	22.65	22.07	25.45	24.97	24.22	21.04	21.70	21.25
		1	1	24.89	26.27	26.27	23.94	**23.96**	23.23	26.57	26.16	24.59	21.36	**22.29**	22.02
		1	104	25.44	26.17	**26.72**	23.91	23.20	22.79	**26.63**	25.18	24.50	21.25	22.07	21.05
		1	105	24.50	25.56	25.12	23.08	22.21	21.58	25.93	24.37	23.74	21.04	21.07	20.64
		50	25	24.69	25.54	25.83	23.62	23.31	22.54	26.12	25.09	24.11	21.11	22.27	21.82
		100	0	24.79	25.69	26.04	23.72	23.31	22.58	26.12	25.12	24.11	20.98	22.12	21.78
	256QAM	1	0	22.59	23.56	24.02	21.46	21.23	20.49	24.05	23.61	22.57	19.35	20.34	20.29
		1	1	22.68	23.60	**24.22**	**21.94**	21.09	20.81	23.80	23.72	22.75	19.34	20.25	20.30
		1	104	22.71	23.64	23.84	21.42	20.73	20.47	**24.14**	23.02	22.81	19.25	19.72	19.41
		1	105	22.21	23.74	24.13	21.54	20.61	20.15	23.64	22.92	22.56	19.32	19.69	19.61
		50	25	22.75	23.92	24.07	21.67	21.01	20.52	23.96	23.36	22.65	19.47	20.18	19.72
		100	0	22.81	23.83	24.10	21.63	20.94	20.52	23.84	23.35	22.71	19.53	**20.36**	19.87

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	23.52	24.62	25.22	22.77	22.55	22.06	25.47	24.81	23.97	21.96	21.65	21.14
		1	1	26.84	28.00	**28.62**	**26.05**	25.83	25.39	**28.70**	28.06	27.48	24.00	**24.02**	23.49
		1	131	27.22	28.55	28.48	25.54	24.97	24.66	28.05	27.12	26.96	23.66	23.52	22.85
		1	132	23.95	25.10	25.14	22.20	21.65	21.56	24.67	23.89	23.60	21.21	21.16	20.65
		64	32	26.87	28.15	28.36	25.90	25.40	24.94	28.40	27.58	27.13	23.98	23.68	23.14
		128	0	26.65	27.90	28.18	25.65	25.13	24.72	28.13	27.33	26.89	23.94	23.64	23.16
	QPSK	1	0	23.63	24.82	25.38	22.75	22.59	21.95	25.23	24.69	24.17	21.85	21.75	21.30
		1	1	26.95	27.85	**28.70**	**26.20**	25.71	25.20	**28.63**	28.14	27.14	**24.05**	23.94	23.55
		1	131	27.28	28.58	28.53	25.44	24.95	24.79	28.03	27.23	26.79	23.62	23.39	22.94
		1	132	23.98	25.30	25.11	22.26	21.72	21.28	24.75	23.81	23.47	21.25	21.15	20.67
		64	32	26.76	28.16	28.39	25.88	25.36	24.89	28.30	27.61	26.77	23.90	23.67	23.16
		128	0	26.14	27.34	27.69	25.17	24.65	24.25	27.58	26.72	26.00	23.18	23.65	23.20
	16QAM	1	0	23.65	24.36	25.14	22.92	22.76	21.95	25.50	25.23	24.63	21.79	21.90	21.05
		1	1	26.31	27.28	27.83	**25.73**	25.19	24.14	**27.63**	27.30	26.11	22.59	**24.20**	23.34
		1	131	25.99	27.42	**27.92**	24.83	24.90	23.83	27.29	26.50	25.91	22.50	23.86	22.28
		1	132	23.57	25.02	24.87	22.44	21.48	21.21	24.75	23.50	23.63	20.70	21.69	20.70
		64	32	26.10	27.22	27.50	25.13	24.57	24.15	27.51	26.67	25.83	22.77	23.72	23.16
		128	0	25.17	26.35	26.68	24.18	23.60	23.17	26.55	25.72	24.93	21.85	22.95	22.40
	64QAM	1	0	23.38	24.95	25.81	23.05	22.90	22.32	25.36	25.22	24.53	21.34	21.89	20.87
		1	1	25.07	26.14	26.45	**24.19**	23.92	23.03	**26.75**	26.10	25.02	21.20	22.27	22.12
		1	131	25.47	**26.92**	26.29	23.53	22.56	22.84	25.88	25.62	24.62	21.14	21.94	21.49
		1	132	24.41	25.30	25.34	22.16	22.25	21.74	25.02	24.05	24.25	20.95	20.87	20.26
		64	32	24.53	25.85	26.13	23.66	23.08	22.61	25.98	25.28	24.46	21.30	**22.46**	21.85
		128	0	24.63	25.87	26.07	23.63	23.00	22.72	25.99	25.26	24.45	21.33	22.39	21.87
	256QAM	1	0	22.01	23.64	23.57	**21.85**	21.43	21.04	24.01	23.56	22.94	19.74	20.42	**20.50**
		1	1	22.50	23.61	**24.07**	21.74	21.36	20.87	**24.51**	23.68	22.88	19.57	20.16	19.97
		1	131	22.51	24.01	23.91	20.93	20.54	20.16	23.20	22.66	22.41	19.53	19.82	19.68
		1	132	22.60	24.01	24.04	20.96	20.40	20.25	23.55	22.57	22.16	19.87	19.96	19.57
		64	32	22.56	23.76	24.00	21.60	21.09	20.75	24.07	23.32	22.52	19.86	20.30	19.80
		128	0	22.58	23.84	23.95	21.55	21.05	20.64	24.08	23.29	22.54	19.90	20.32	19.86

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	23.30	24.64	25.38	23.03	22.79	22.03	25.44	24.99	24.28	21.90	22.04	21.33
		1	1	26.56	27.90	28.55	**26.17**	26.11	25.31	**28.69**	28.12	27.57	23.94	**24.14**	23.55
		1	160	27.16	**28.56**	28.21	25.50	25.08	24.73	27.91	27.03	26.91	23.32	23.50	22.99
		1	161	23.98	25.00	24.90	22.16	21.87	21.32	24.54	23.77	23.55	21.04	21.34	20.84
		81	40	26.81	28.29	28.23	25.95	25.64	24.95	28.23	27.61	27.16	23.70	23.75	23.23
		162	0	26.70	28.03	28.11	25.75	25.39	24.70	28.09	27.43	26.94	23.71	23.84	23.27
	QPSK	1	0	23.27	24.63	25.20	23.02	22.85	22.14	25.23	24.97	24.21	21.80	21.89	21.22
		1	1	26.56	27.83	**28.70**	**26.20**	26.16	25.18	**28.70**	28.19	27.41	24.00	**24.19**	23.56
		1	160	27.22	28.46	28.17	25.62	25.21	24.46	27.89	27.20	26.61	23.31	23.64	23.14
		1	161	23.81	25.00	24.95	22.28	21.78	21.36	24.52	23.78	23.58	20.83	21.13	20.66
		81	40	26.85	28.18	28.24	25.92	25.66	24.85	28.24	27.61	26.76	23.71	23.71	23.22
		162	0	26.18	27.47	27.58	25.22	24.87	24.18	27.51	26.91	26.10	23.22	23.79	23.24
	16QAM	1	0	23.72	24.57	25.28	22.79	23.05	21.91	25.19	25.06	24.32	21.94	21.83	21.52
		1	1	25.77	26.63	**27.84**	**25.33**	24.87	24.74	**27.87**	27.51	26.66	23.34	**24.20**	23.88
		1	160	26.77	27.48	26.74	24.30	24.35	23.43	27.38	25.91	26.08	23.28	23.69	23.15
		1	161	24.33	25.19	24.94	22.31	21.60	21.33	24.31	23.74	23.25	21.13	21.59	20.80
		81	40	26.38	27.30	27.51	25.26	24.94	24.22	27.52	26.75	25.77	22.83	23.81	23.24
		162	0	25.47	26.50	26.50	24.25	23.84	23.17	26.52	25.83	25.07	22.04	23.10	22.52
	64QAM	1	0	23.76	25.38	25.66	23.54	22.83	22.27	25.13	25.24	24.79	21.40	22.00	21.05
		1	1	25.21	25.79	**26.64**	24.02	**24.16**	23.24	**26.37**	26.27	25.30	21.74	22.50	22.12
		1	160	25.85	26.53	25.85	23.47	23.15	22.78	25.85	25.19	24.59	21.61	22.16	21.30
		1	161	24.40	25.64	25.12	22.33	21.79	21.51	24.74	23.69	24.01	20.73	21.06	20.34
		81	40	24.96	26.01	26.10	23.68	23.39	22.69	25.99	25.37	24.38	21.45	22.51	21.99
		162	0	24.99	25.89	26.02	23.67	23.31	22.72	26.05	25.31	24.56	21.65	**22.60**	22.05
	256QAM	1	0	22.85	23.06	**24.34**	21.85	21.63	20.66	**24.41**	23.62	22.73	19.97	20.34	20.23
		1	1	22.54	23.26	24.02	**22.03**	21.86	20.93	24.04	23.46	23.12	19.93	**20.82**	19.99
		1	160	22.85	23.84	23.62	21.46	20.78	19.80	23.36	22.47	22.35	19.87	19.85	19.48
		1	161	22.92	23.95	23.71	21.34	20.93	19.96	23.22	22.46	22.22	19.88	20.03	19.49
		81	40	22.83	23.96	24.01	21.79	21.34	20.69	24.06	23.26	22.84	20.22	20.44	19.89
		162	0	22.94	23.94	24.03	21.79	21.38	20.70	24.10	23.33	22.87	20.30	20.48	19.89

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	23.12	24.17	25.16	22.92	22.81	22.20	25.39	25.15	24.42	22.05	21.91	21.53
		1	1	26.55	27.45	**28.63**	**26.20**	26.01	25.42	**28.66**	28.39	27.45	**24.20**	23.83	23.62
		1	187	27.21	28.03	28.34	25.49	24.86	24.45	27.88	27.05	26.98	23.77	23.09	23.01
		1	188	23.87	24.88	25.00	22.22	21.69	21.21	24.56	23.85	23.51	21.34	20.81	20.74
		90	45	26.83	27.93	27.66	26.05	25.47	24.85	28.29	27.58	27.15	23.97	23.49	23.32
		180	0	26.53	27.66	27.93	25.79	25.26	24.65	28.13	27.40	26.97	23.98	23.60	23.33
	QPSK	1	0	23.32	24.00	25.15	23.07	22.77	22.17	25.32	25.10	24.24	22.13	21.84	21.42
		1	1	26.55	27.50	**28.70**	26.18	**26.20**	25.34	**28.70**	28.36	27.75	24.10	**24.12**	23.66
		1	187	27.18	28.09	28.19	25.37	24.91	24.44	27.76	26.99	26.85	23.69	23.17	22.86
		1	188	23.95	24.82	25.04	22.26	21.53	21.34	24.35	23.88	23.53	21.29	20.83	20.67
		90	45	26.86	28.11	27.59	25.98	25.33	24.81	28.27	27.54	26.91	23.98	23.55	23.23
		180	0	25.95	27.20	27.38	25.32	24.73	24.09	27.61	26.91	26.19	23.50	23.60	23.21
	16QAM	1	0	23.50	24.19	25.37	22.44	22.81	22.14	25.28	24.98	24.70	22.54	22.04	21.12
		1	1	25.99	26.00	**28.12**	**25.71**	24.43	24.75	**28.20**	27.80	26.53	23.73	23.80	23.30
		1	187	26.47	26.56	27.15	24.53	24.03	23.43	27.25	26.18	26.18	**23.82**	23.36	22.71
		1	188	23.99	24.52	24.79	22.12	21.78	21.41	24.67	23.30	23.17	21.49	21.00	20.17
		90	45	26.12	27.39	26.48	25.28	24.70	24.02	27.58	26.66	25.75	23.06	23.64	23.24
		180	0	25.07	26.23	26.36	24.21	23.79	23.14	26.55	25.85	25.04	22.27	23.04	22.42
	64QAM	1	0	24.14	24.81	25.83	23.09	23.17	22.10	25.83	25.45	24.79	21.53	22.29	21.13
		1	1	24.75	24.90	**26.68**	23.98	**24.28**	23.44	**26.85**	26.62	25.24	21.87	**22.67**	22.07
		1	187	24.75	25.64	26.12	23.31	22.57	22.07	25.79	25.03	24.94	21.91	22.13	21.10
		1	188	23.99	24.88	25.15	22.83	22.18	21.35	24.92	23.78	23.88	21.38	21.20	20.42
		90	45	24.56	25.86	25.27	23.75	23.26	22.55	26.03	25.28	24.39	21.45	22.60	22.04
		180	0	24.59	25.59	25.79	23.69	23.27	22.61	26.01	25.32	24.62	21.74	**22.67**	22.07
	256QAM	1	0	21.67	22.72	24.43	21.82	**22.02**	21.28	**24.28**	23.57	23.20	19.68	**20.98**	19.94
		1	1	21.79	22.87	**24.56**	21.86	21.86	20.86	**24.28**	24.02	23.28	20.15	20.96	20.29
		1	187	22.53	22.95	23.86	20.84	20.54	20.10	22.88	22.65	22.05	19.62	19.91	19.27
		1	188	22.88	23.25	23.61	21.25	20.67	19.21	23.30	22.77	22.25	19.91	20.08	19.35
		90	45	22.48	23.87	23.19	21.71	21.29	20.53	24.05	23.25	22.78	19.73	20.43	19.98
		180	0	22.52	23.61	23.71	21.68	21.29	20.54	23.92	23.31	22.88	19.91	20.54	19.94

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	22.84	24.17	25.24	23.00	22.96	22.00	25.43	25.24	24.33	21.58	22.02	21.18
		1	1	26.15	27.31	**28.70**	**26.20**	26.07	25.24	**28.70**	28.46	27.71	23.84	**24.20**	23.14
		1	215	26.69	28.15	28.50	25.32	24.93	24.43	27.87	26.97	27.10	23.24	22.95	22.77
		1	216	23.75	24.78	25.39	22.08	21.38	21.05	24.53	23.62	23.93	20.90	20.66	20.49
		108	54	27.57	28.42	28.11	25.76	25.22	24.69	28.27	27.62	27.23	23.55	23.36	22.88
		216	0	27.06	27.98	28.18	25.62	25.15	24.57	28.07	27.49	27.08	23.57	23.47	22.87
	QPSK	1	0	22.70	24.29	25.51	23.07	22.84	21.84	25.23	25.13	24.42	21.57	21.92	20.99
		1	1	26.08	27.55	28.27	**25.98**	25.88	25.36	**28.67**	28.10	27.62	23.68	**24.04**	23.22
		1	215	26.67	28.11	28.14	25.42	24.77	24.29	27.64	26.96	26.90	23.20	23.01	22.62
		1	216	23.48	24.84	25.36	21.94	21.56	21.10	24.73	23.72	23.74	20.68	20.65	20.14
		108	54	27.51	**28.36**	28.07	25.81	25.24	24.76	28.20	27.54	26.81	23.39	23.43	22.90
		216	0	26.51	27.44	27.72	25.15	24.69	24.09	27.54	26.87	26.35	23.06	23.49	22.91
	16QAM	1	0	23.13	24.28	25.43	23.10	22.33	22.30	25.86	24.86	24.02	21.69	22.23	21.17
		1	1	24.88	26.56	27.54	**25.75**	25.57	24.59	27.52	**27.59**	26.37	22.77	**23.86**	23.34
		1	215	25.77	27.12	**27.74**	24.63	24.01	23.75	27.13	26.18	25.88	23.01	23.44	22.53
		1	216	23.27	25.25	24.67	22.16	21.39	21.11	24.23	23.57	23.53	20.68	20.77	20.49
		108	54	26.72	27.55	27.25	25.12	24.56	24.06	27.50	26.61	25.89	22.47	23.40	22.86
		216	0	25.48	26.35	26.65	24.13	23.58	23.06	26.50	25.81	25.29	21.87	22.69	22.14
	64QAM	1	0	23.66	24.61	**26.25**	23.19	22.89	22.46	25.43	25.92	24.67	21.39	21.54	20.49
		1	1	23.82	25.76	26.12	23.78	**24.33**	23.56	**26.62**	26.19	25.25	21.85	22.27	21.54
		1	215	24.45	26.01	26.21	23.54	23.13	22.92	25.40	25.47	25.23	22.20	21.85	20.63
		1	216	23.67	24.98	25.86	22.11	21.68	21.65	24.82	24.22	24.00	20.95	20.24	20.05
		108	54	25.24	26.06	25.64	23.62	22.98	22.49	25.96	25.33	24.49	21.24	**22.28**	21.58
		216	0	25.00	25.85	26.06	23.56	23.11	22.52	26.00	25.48	24.80	21.57	22.27	21.58
	256QAM	1	0	21.71	22.91	**24.51**	**22.10**	21.80	20.78	23.75	24.10	23.44	20.10	**20.92**	19.98
		1	1	22.06	22.82	24.29	22.08	21.11	21.09	24.27	**24.53**	23.17	19.95	20.55	19.73
		1	215	22.22	23.63	24.19	20.87	19.93	20.07	23.05	22.87	22.42	19.52	19.53	19.29
		1	216	22.03	23.51	23.77	21.16	20.32	20.08	23.25	22.68	22.57	19.55	19.69	19.07
		108	54	23.27	23.95	23.74	21.58	21.13	20.59	23.95	23.32	22.88	19.91	20.30	19.56
		216	0	22.98	23.83	24.07	21.52	21.13	20.62	23.97	23.46	23.03	20.18	20.26	19.56

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	22.55	23.63	25.05	22.83	22.82	22.18	25.31	25.25	24.64	21.41	22.08	21.03
		1	1	25.94	26.86	28.68	25.89	**26.03**	25.20	**28.54**	28.13	27.84	23.69	**24.20**	23.24
		1	243	26.57	28.51	**28.70**	25.10	24.71	24.43	27.99	27.24	27.12	22.99	22.92	22.72
		1	244	23.23	25.08	25.08	21.99	21.60	21.20	24.70	23.68	23.59	20.82	20.79	20.39
		120	60	27.47	28.27	28.18	25.81	25.35	24.80	28.34	27.59	27.31	23.34	23.55	22.94
		243	0	26.86	27.86	28.14	25.57	25.10	24.53	28.06	27.46	27.18	23.23	23.62	23.03
	QPSK	1	0	22.60	23.46	25.25	22.94	22.59	21.77	25.55	25.26	24.54	21.54	21.99	21.31
		1	1	25.89	26.88	27.81	25.96	**26.20**	25.31	**28.70**	28.54	27.98	23.53	**23.97**	23.30
		1	243	26.61	**28.37**	27.99	25.55	24.78	24.56	28.15	27.09	27.00	23.02	23.04	23.06
		1	244	23.30	25.09	24.94	22.06	21.69	21.31	24.80	24.00	23.73	20.59	20.73	20.59
		120	60	27.48	28.28	28.13	25.77	25.38	24.76	28.30	27.58	27.03	23.33	23.30	23.11
		243	0	26.26	27.29	27.59	25.08	24.60	24.06	27.56	26.92	26.65	22.91	23.35	23.13
	16QAM	1	0	22.80	23.63	25.49	23.20	22.35	22.23	25.73	25.41	24.56	21.39	21.49	21.10
		1	1	25.62	25.57	26.97	25.10	**25.33**	24.39	**28.31**	27.66	27.37	22.76	**23.63**	23.14
		1	243	25.68	**28.06**	27.13	24.40	23.86	23.55	27.21	26.29	26.50	22.82	22.89	22.27
		1	244	23.13	25.37	25.19	21.93	21.28	21.26	24.83	23.84	24.02	21.01	20.86	20.47
		120	60	26.70	27.40	27.39	25.04	24.64	24.01	27.55	26.72	26.04	22.51	23.35	23.13
		243	0	25.30	26.27	26.56	24.02	23.62	22.98	26.51	25.93	25.46	22.04	22.59	22.39
	64QAM	1	0	23.15	24.17	25.83	22.98	22.59	22.55	26.01	25.48	25.47	21.61	21.96	21.13
		1	1	24.27	24.65	26.03	**24.18**	23.72	23.87	**26.58**	26.36	25.84	21.73	21.86	21.67
		1	243	24.97	**26.17**	25.64	23.67	22.46	23.02	26.10	25.11	24.98	21.66	21.32	21.21
		1	244	23.68	24.98	25.60	22.45	22.08	21.64	24.89	24.20	24.33	20.70	20.41	20.29
		120	60	25.22	25.94	25.87	23.58	23.13	22.46	26.08	25.25	24.62	21.21	22.05	21.72
		243	0	24.88	25.73	26.08	23.56	23.10	22.41	26.05	25.38	24.96	21.61	**22.19**	21.73
	256QAM	1	0	20.78	22.02	23.46	21.37	21.46	20.84	23.73	**23.99**	23.54	19.82	**20.73**	19.58
		1	1	21.23	22.30	24.13	21.49	21.46	20.31	23.63	23.78	23.51	19.71	20.69	19.77
		1	243	21.94	23.79	24.12	21.17	20.29	19.78	23.13	22.82	22.88	19.68	19.57	19.42
		1	244	22.04	24.15	**24.87**	21.00	20.46	19.78	23.55	22.65	22.72	19.66	19.59	19.34
		120	60	23.22	23.95	23.85	**21.51**	21.08	20.44	23.98	23.47	23.00	19.96	20.15	19.71
		243	0	22.85	23.72	24.04	21.48	21.04	20.53	23.94	23.46	23.04	20.28	20.13	19.65

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	22.66	23.24	24.85	22.77	22.85	22.20	25.25	25.13	24.67	21.96	21.89	21.16
		1	1	25.87	26.55	27.87	25.89	**26.20**	25.24	**28.58**	28.36	27.88	**23.98**	23.92	23.43
		1	271	27.15	28.54	**28.70**	25.30	24.71	24.18	27.93	26.99	27.09	23.37	23.26	22.93
		1	272	24.06	25.12	25.23	22.14	21.36	21.07	24.42	23.68	23.36	21.11	20.85	20.74
		135	67	27.33	28.23	28.20	25.74	25.28	24.65	28.09	27.63	27.21	23.75	23.66	23.28
		270	0	26.77	27.71	28.13	25.53	25.08	24.49	27.92	27.58	27.13	23.69	23.58	23.29
	QPSK	1	0	22.71	23.29	24.66	22.74	22.59	22.15	25.23	25.23	24.43	21.85	22.01	21.24
		1	1	26.06	26.23	27.89	25.98	**26.16**	25.32	**28.70**	28.65	27.86	**24.20**	24.07	23.54
		1	271	27.04	**28.30**	27.98	25.45	24.66	24.24	27.66	27.13	26.92	23.37	23.11	22.82
		1	272	23.95	25.33	25.16	21.98	21.32	20.94	24.48	24.03	23.73	21.11	21.04	20.56
		135	67	27.38	28.14	28.21	25.80	25.27	24.68	28.18	27.67	26.89	23.74	23.65	23.29
		270	0	26.20	27.11	27.54	25.07	24.54	23.96	27.38	27.02	26.53	23.58	23.63	23.31
	16QAM	1	0	22.78	23.66	24.54	23.01	22.86	22.12	25.08	25.37	24.27	22.20	21.65	21.29
		1	1	24.92	25.24	26.95	25.27	**25.40**	24.25	27.80	**28.02**	27.04	23.43	**23.95**	23.65
		1	271	26.48	**27.65**	26.90	25.29	23.98	23.58	26.65	25.76	26.19	23.35	23.00	22.59
		1	272	23.85	25.30	25.24	22.39	21.46	21.46	24.25	23.85	23.14	21.15	20.82	20.51
		135	67	26.63	27.22	27.42	25.06	24.47	23.86	27.44	26.75	26.01	22.96	23.62	23.37
		270	0	25.16	26.14	26.52	23.96	23.43	22.93	26.39	26.01	25.39	22.51	22.90	22.63
	64QAM	1	0	23.03	23.58	25.08	23.06	23.10	22.41	25.67	25.34	24.84	21.96	22.02	21.08
		1	1	23.78	24.41	26.30	**24.39**	23.31	23.35	**27.14**	26.48	25.71	22.02	**22.77**	21.81
		1	271	25.08	**27.12**	25.93	23.24	22.71	22.54	26.00	25.16	25.02	22.26	21.65	21.46
		1	272	23.81	25.47	25.49	22.15	21.92	21.41	24.94	23.95	24.38	21.05	20.49	20.40
		135	67	25.12	25.70	25.94	23.49	23.00	22.34	25.89	25.38	24.65	21.41	22.30	21.84
		270	0	24.69	25.65	25.99	23.42	22.92	22.39	25.79	25.44	24.92	21.84	22.24	21.90
	256QAM	1	0	21.58	22.04	23.81	21.17	21.37	20.93	23.46	23.73	23.34	19.90	**20.76**	19.97
		1	1	21.44	22.24	23.54	**21.70**	21.69	20.99	23.63	**24.30**	23.21	20.10	20.36	20.08
		1	271	22.31	23.65	23.93	20.46	20.05	18.81	23.40	22.65	22.54	20.06	19.53	19.93
		1	272	22.56	23.96	23.98	20.99	20.03	19.39	23.32	22.25	22.42	19.73	19.92	19.82
		135	67	23.16	23.79	23.92	21.43	20.92	20.43	23.90	23.36	22.99	19.88	20.17	19.77
		270	0	22.73	23.56	**24.04**	21.43	20.98	20.49	23.86	23.31	23.03	20.13	20.09	19.78

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	4.505	5.08
	5MHz, 16QAM			4.498	5.11
	10MHz, QPSK	50/0		8.980	9.97
	10MHz, 16QAM			8.981	10.02
	15MHz, QPSK	75/0		13.474	14.84
	15MHz, 16QAM			13.456	14.83
	20MHz, QPSK	100/0		17.931	19.72
	20MHz, 16QAM			17.950	19.64
	20MHz, QPSK	1/0		0.277	0.45

5G NR n7

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
5G NR n7	5MHz, BPSK	25/0	2535.0	4.463	5.00
	5MHz, QPSK			4.498	5.15
	5MHz, 16QAM			4.486	4.99
	10MHz, BPSK	50/0		8.948	9.71
	10MHz, QPSK			8.999	9.80
	10MHz, 16QAM			8.925	9.69
	15MHz, BPSK	75/0		13.374	14.38
	15MHz, QPSK			13.409	14.38
	15MHz, 16QAM			13.406	14.34
	20MHz, BPSK	100/0		17.897	18.92
	20MHz, QPSK			17.943	19.11
	20MHz, 16QAM			17.906	19.00
	25MHz, BPSK	128/0		22.870	24.16
	25MHz, QPSK			22.905	24.08
	25MHz, 16QAM			22.915	24.23
	30MHz, BPSK	160/0		28.747	30.19
	30MHz, QPSK			28.604	30.04
	30MHz, 16QAM			28.629	30.04
	35MHz, BPSK	180/0		32.093	33.26
	35MHz, QPSK			32.125	33.25
	35MHz, 16QAM			32.066	33.28
	40MHz, BPSK	216/0		38.593	40.29
	40MHz, QPSK			38.625	40.44
	40MHz, 16QAM			38.476	40.39
	40MHz, BPSK	1/0		0.254	0.48

LTE BAND 12

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
LTE BAND 12	1.4MHz, QPSK	6/0	707.5	1.092	1.35
	1.4MHz,16QAM			1.092	1.36
	3MHz, QPSK	15/0		2.705	3.05
	3MHz, 16QAM			2.708	3.05
	5MHz, QPSK	25/0		4.492	5.07
	5MHz, 16QAM			4.490	5.05
	10MHz, QPSK	50/0		8.942	10.01
	10MHz, 16QAM			8.968	9.84
	10MHz, QPSK	1/0		0.246	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	4.465	5.11
	5MHz, QPSK			4.518	5.23
	5MHz, 16QAM			4.482	5.04
	10MHz, BPSK	50/0		8.921	9.66
	10MHz, QPSK			8.945	9.75
	10MHz, 16QAM			8.967	9.70
	15MHz, BPSK	75/0		13.421	14.39
	15MHz, QPSK			13.404	14.31
	15MHz, 16QAM			13.465	14.40
	15MHz, BPSK	1/0		0.238	0.39

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	4.495	5.17
	5MHz, 16QAM			4.507	5.14
	10MHz, QPSK	50/0		8.955	9.93
	10MHz, 16QAM			8.961	9.87
	10MHz, QPSK	1/0		0.249	0.40

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	4.502	5.09
	5MHz, 16QAM			4.510	5.14
	10MHz, QPSK	50/0		8.955	9.89
	10MHz, 16QAM			8.976	9.90
	10MHz, QPSK	1/0		0.247	0.40

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	4.495	5.06
	5MHz, QPSK			4.494	5.09
	5MHz, 16QAM			4.488	5.01
	10MHz, BPSK	50/0		8.959	9.67
	10MHz, QPSK			8.965	9.72
	10MHz, 16QAM			8.913	9.58
	10MHz, BPSK	1/0		0.225	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	4.500	5.08
	5MHz, 16QAM			4.491	5.11
	10MHz, QPSK	50/0		8.977	9.90
	10MHz, 16QAM			8.967	9.90
	10MHz, QPSK	1/0		0.243	0.38

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	1.095	1.35
	1.4MHz,16QAM			1.099	1.37
	3MHz, QPSK	15/0		2.697	3.04
	3MHz, 16QAM			2.705	3.06
	5MHz, QPSK	25/0		4.503	5.10
	5MHz, 16QAM			4.505	5.07
	10MHz, QPSK	50/0		8.959	10.00
	10MHz, 16QAM			8.989	9.94
	15MHz, QPSK	75/0		13.453	14.74
	15MHz, 16QAM			13.415	14.04
	20MHz, QPSK	100/0		17.927	19.56
	20MHz, 16QAM			17.909	19.57
	20MHz, QPSK	1/0		0.252	0.45

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	4.495	5.16
	5MHz, QPSK			4.483	5.09
	5MHz, 16QAM			4.487	5.07
	10MHz, BPSK	50/0		8.935	9.77
	10MHz, QPSK			8.962	9.78
	10MHz, 16QAM			8.980	9.87
	15MHz, BPSK	75/0		13.456	14.40
	15MHz, QPSK			13.410	14.49
	15MHz, 16QAM			13.372	14.46
	20MHz, BPSK	100/0		17.859	18.96
	20MHz, QPSK			17.869	19.10
	20MHz, 16QAM			17.850	18.97
	25MHz, BPSK	128/0		22.862	24.22
	25MHz, QPSK			23.014	24.28
	25MHz, 16QAM			22.892	24.22
	30MHz, BPSK	160/0		28.627	30.06
	30MHz, QPSK			28.596	30.15
	30MHz, 16QAM			28.598	30.07
	35MHz, BPSK	180/0		32.136	33.69
	35MHz, QPSK			32.144	33.75
	35MHz, 16QAM			32.072	33.72
	40MHz, BPSK	216/0		38.543	40.31
	40MHz, QPSK			38.498	40.41
	40MHz, 16QAM			38.552	40.30
	40MHz, BPSK	1/0		0.241	0.43

LTE BAND 26(PART 90S)

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
LTE BAND 26	1.4MHz, QPSK	6/0	819.0	1.091	1.34
	1.4MHz,16QAM			1.093	1.34
	3MHz, QPSK	15/0		2.707	3.09
	3MHz, 16QAM			2.704	3.05
	5MHz, QPSK	25/0		4.514	5.13
	5MHz, 16QAM			4.507	5.10
	10MHz, QPSK	50/0		8.964	9.99
	10MHz, 16QAM			8.946	9.99
	10MHz, QPSK	1/0		0.248	0.44

5G NR n26 (PART 90S)

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
5G NR n26 (Part 90S)	5MHz, BPSK	25/0	819.0	4.481	5.07
	5MHz, QPSK			4.499	5.11
	5MHz, 16QAM			4.487	5.07
	10MHz, BPSK	50/0		8.948	9.69
	10MHz, QPSK			9.007	9.84
	10MHz, 16QAM			8.958	9.63
	10MHz, BPSK	1/0		0.255	0.43

LTE BAND 26 (PART 22)

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
LTE BAND 26	1.4MHz, QPSK	6/0	836.5	1.091	1.35
	1.4MHz,16QAM			1.090	1.32
	3MHz, QPSK	15/0		2.705	3.06
	3MHz, 16QAM			2.703	3.07
	5MHz, QPSK	25/0		4.501	5.01
	5MHz, 16QAM			4.503	5.12
	10MHz, QPSK	50/0		8.974	10.00
	10MHz, 16QAM			8.982	9.93
	10MHz, QPSK	1/0		0.266	0.39

5G NR n26 (PART 22)

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
5G NR n26 (Part 22)	5MHz, BPSK	25/0	836.5	4.471	4.78
	5MHz, QPSK			4.477	4.78
	5MHz, 16QAM			4.472	4.81
	10MHz, BPSK	50/0		8.936	9.41
	10MHz, QPSK			8.936	9.64
	10MHz, 16QAM			8.931	9.47
	15MHz, BPSK	75/0		13.327	14.09
	15MHz, QPSK			13.414	14.22
	15MHz, 16QAM			13.390	14.38
	20MHz, BPSK	100/0		17.849	18.80
	20MHz, QPSK			17.914	18.89
	20MHz, 16QAM			17.924	18.78
	20MHz, BPSK	1/0		0.249	0.45

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	4.508	5.07
	5MHz, 16QAM			4.508	5.18
	10MHz, QPSK	50/0		8.984	10.05
	10MHz, 16QAM			8.984	10.06
	10MHz, QPSK	1/0		0.244	0.41

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	4.505	5.20
	5MHz, QPSK			4.464	5.05
	5MHz, 16QAM			4.511	5.06
	10MHz, BPSK	50/0		8.975	9.83
	10MHz, QPSK			8.956	9.68
	10MHz, 16QAM			8.984	9.67
	10MHz, BPSK	1/0		0.230	0.36

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	4.495	5.05
	5MHz, 16QAM			4.501	5.10
	10MHz, QPSK	50/0		8.992	9.95
	10MHz, 16QAM			8.967	9.98
	15MHz, QPSK	75/0		13.454	14.63
	15MHz, 16QAM			13.424	14.75
	20MHz, QPSK	100/0		17.932	19.74
	20MHz, 16QAM			17.904	19.74
	20MHz, QPSK	1/0		0.267	0.45

5G NR n41

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
5G NR n41	10MHz, BPSK	24/0	2593.0	8.623	9.60
	10MHz, QPSK			8.641	9.85
	10MHz, 16QAM			8.630	9.90
	15MHz, BPSK	36/0		12.970	14.42
	15MHz, QPSK			12.910	14.37
	15MHz, 16QAM			12.926	14.33
	20MHz, BPSK	50/0		17.906	19.61
	20MHz, QPSK			17.891	19.72
	20MHz, 16QAM			17.983	19.63
	30MHz, BPSK	75/0		26.907	28.90
	30MHz, QPSK			26.795	28.81
	30MHz, 16QAM			26.837	28.80
	40MHz, BPSK	100/0		35.677	37.78
	40MHz, QPSK			35.818	38.27
	40MHz, 16QAM			35.743	38.02
	50MHz, BPSK	128/0		45.819	48.76
	50MHz, QPSK			45.902	48.63
	50MHz, 16QAM			45.971	48.52
	60MHz, BPSK	162/0		57.882	60.64
	60MHz, QPSK			57.957	60.95
	60MHz, 16QAM			57.945	61.02
	70MHz, BPSK	180/0		64.401	67.72
	70MHz, QPSK			64.731	67.80
	70MHz, 16QAM			64.520	67.64
	80MHz, BPSK	216/0		77.068	80.60
	80MHz, QPSK			77.163	80.91
	80MHz, 16QAM			77.052	80.69
	90MHz, BPSK	243/0		86.733	90.64
	90MHz, QPSK			87.136	90.80
	90MHz, 16QAM			87.027	90.72
	100MHz, BPSK	270/0		96.360	100.8
	100MHz, QPSK			96.512	100.6
	100MHz, 16QAM			96.717	100.6
	100MHz, BPSK	1/0		0.597	1.08

LTE BAND 48

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
LTE BAND 48	5MHz, QPSK	25/0	3625.0	4.502	4.90
	5MHz, 16QAM			4.461	4.89
	10MHz, QPSK	50/0		8.992	9.57
	10MHz, 16QAM			8.947	9.41
	15MHz, QPSK	75/0		13.391	14.02
	15MHz, 16QAM			13.403	14.21
	20MHz, QPSK	100/0		17.857	18.91
	20MHz, 16QAM			17.804	18.91
	20MHz, QPSK	1/0		0.250	0.42

5G NR n48

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
5G NR n48	10MHz, BPSK	24/0	3625.0	8.616	9.66
	10MHz, QPSK			8.590	9.59
	10MHz, 16QAM			8.600	9.82
	15MHz, BPSK	36/0		12.853	13.44
	15MHz, QPSK			12.811	13.38
	15MHz, 16QAM			12.855	13.82
	20MHz, BPSK	50/0		17.869	19.26
	20MHz, QPSK			17.842	19.06
	20MHz, 16QAM			17.872	19.05
	30MHz, BPSK	75/0		26.804	28.23
	30MHz, QPSK			26.780	28.44
	30MHz, 16QAM			26.776	28.32
	40MHz, BPSK	100/0		35.755	37.78
	40MHz, QPSK			35.780	37.53
	40MHz, 16QAM			35.644	37.86
	40MHz, BPSK	1/0		0.475	0.79

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	1.092	1.33
	1.4MHz,16QAM			1.094	1.35
	3MHz, QPSK	15/0		2.706	3.06
	3MHz, 16QAM			2.705	3.05
	5MHz, QPSK	25/0		4.498	5.15
	5MHz, 16QAM			4.506	5.04
	10MHz, QPSK	50/0		8.986	9.96
	10MHz, 16QAM			8.972	10.01
	15MHz, QPSK	75/0		13.445	14.89
	15MHz, 16QAM			13.456	14.83
	20MHz, QPSK	100/0		17.930	19.62
	20MHz, 16QAM			17.926	19.69
	20MHz, QPSK	1/0		0.257	0.43

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	4.494	5.09
	5MHz, QPSK			4.482	5.14
	5MHz, 16QAM			4.498	5.06
	10MHz, BPSK	50/0		8.948	9.83
	10MHz, QPSK			8.925	9.62
	10MHz, 16QAM			8.950	9.71
	15MHz, BPSK	75/0		13.459	14.47
	15MHz, QPSK			13.467	14.43
	15MHz, 16QAM			13.415	14.38
	20MHz, BPSK	100/0		17.922	19.00
	20MHz, QPSK			17.898	19.03
	20MHz, 16QAM			17.843	18.96
	25MHz, BPSK	128/0		22.852	23.95
	25MHz, QPSK			22.843	23.93
	25MHz, 16QAM			22.920	23.99
	30MHz, BPSK	160/0		28.647	30.03
	30MHz, QPSK			28.607	30.05
	30MHz, 16QAM			28.580	30.00
	35MHz, BPSK	180/0		32.216	33.70
	35MHz, QPSK			32.199	33.76
	35MHz, 16QAM			32.170	33.74
	40MHz, BPSK	216/0		38.545	40.41
	40MHz, QPSK			38.696	40.40
	40MHz, 16QAM			38.466	40.42
	40MHz, BPSK	1/0		0.302	0.50

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	4.495	5.03
	5MHz, QPSK			4.492	4.97
	5MHz, 16QAM			4.483	4.99
	10MHz, BPSK	50/0		8.955	9.80
	10MHz, QPSK			8.977	9.76
	10MHz, 16QAM			8.932	9.73
	15MHz, BPSK	75/0		13.417	14.20
	15MHz, QPSK			13.372	14.36
	15MHz, 16QAM			13.425	14.46
	15MHz, BPSK	1/0		0.269	0.47

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	4.497	5.13
	5MHz, 16QAM			4.498	5.10
	10MHz, QPSK	50/0		8.981	9.93
	10MHz, 16QAM			8.979	10.07
	15MHz, QPSK	75/0		13.440	14.88
	15MHz, 16QAM			13.452	14.67
	20MHz, QPSK	100/0		17.860	18.76
	20MHz, 16QAM			17.900	19.48
	20MHz, QPSK	1/0		0.265	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	4.501	5.10
	5MHz, QPSK			4.498	5.11
	5MHz, 16QAM			4.477	5.05
	10MHz, BPSK	50/0		8.963	9.81
	10MHz, QPSK			8.938	9.73
	10MHz, 16QAM			8.948	9.77
	15MHz, BPSK	75/0		13.431	14.45
	15MHz, QPSK			13.419	14.50
	15MHz, 16QAM			13.379	14.34
	20MHz, BPSK	100/0		17.865	18.90
	20MHz, QPSK			17.851	18.90
	20MHz, 16QAM			17.795	19.03
	20MHz, BPSK	1/0		0.240	0.40

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

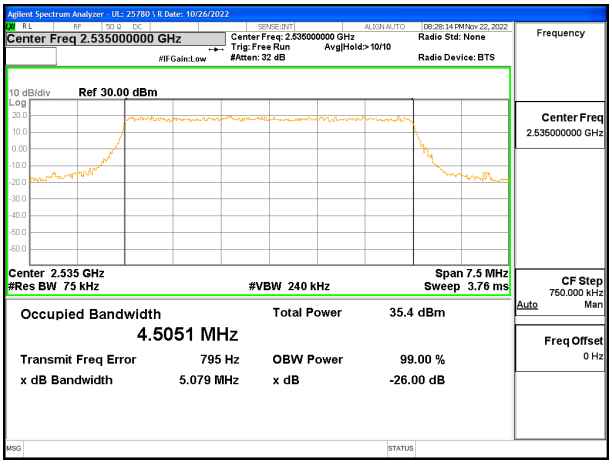
Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
5G NR n77 (Part 27 3450-3550MHz)	10MHz, BPSK	24/0	3500.0	8.645	9.85
	10MHz, QPSK			8.646	9.82
	10MHz, 16QAM			8.682	9.93
	15MHz, BPSK	36/0		12.948	14.25
	15MHz, QPSK			12.917	14.33
	15MHz, 16QAM			12.943	14.34
	20MHz, BPSK	50/0		17.854	19.27
	20MHz, QPSK			17.926	19.31
	20MHz, 16QAM			17.872	19.43
	30MHz, BPSK	75/0		26.744	28.70
	30MHz, QPSK			26.928	29.04
	30MHz, 16QAM			26.947	28.81
	40MHz, BPSK	100/0		35.622	37.81
	40MHz, QPSK			35.865	38.05
	40MHz, 16QAM			35.692	38.03
	50MHz, BPSK	128/0		45.504	48.20
	50MHz, QPSK			45.766	48.14
	50MHz, 16QAM			45.703	48.15
	60MHz, BPSK	162/0		57.873	60.60
	60MHz, QPSK			57.889	60.44
	60MHz, 16QAM			58.035	60.99
	70MHz, BPSK	180/0		64.338	67.25
	70MHz, QPSK			64.411	67.80
	70MHz, 16QAM			64.386	67.55
	80MHz, BPSK	216/0		77.045	80.92
	80MHz, QPSK			77.200	80.53
	80MHz, 16QAM			77.375	80.83
	90MHz, BPSK	243/0		86.574	90.19
	90MHz, QPSK			86.870	90.46
	90MHz, 16QAM			86.858	90.44
	100MHz, BPSK	270/0		96.257	100.5
	100MHz, QPSK			96.556	100.6
	100MHz, 16QAM			96.651	101.0
	100MHz, BPSK	1/0		0.597	1.10

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

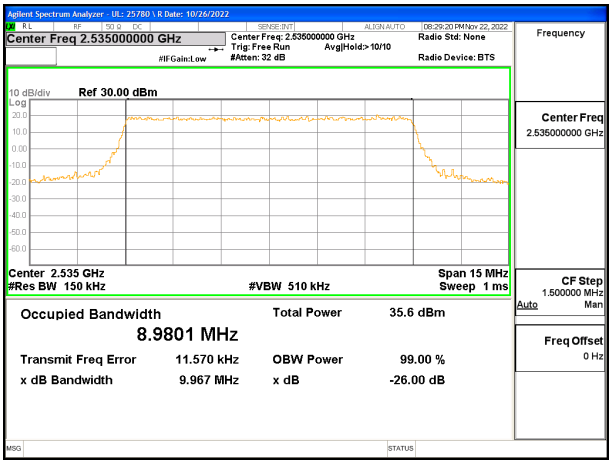
Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
5G NR n77(Part 27 3700-3980MHz)	10MHz, BPSK	24/0	3840.0	8.608	9.64
	10MHz, QPSK			8.600	9.05
	10MHz, 16QAM			8.656	9.73
	15MHz, BPSK	36/0		12.901	14.08
	15MHz, QPSK			12.791	13.65
	15MHz, 16QAM			12.927	13.70
	20MHz, BPSK	50/0		17.795	18.77
	20MHz, QPSK			17.894	18.96
	20MHz, 16QAM			17.863	18.93
	30MHz, BPSK	75/0		26.683	28.23
	30MHz, QPSK			26.831	28.31
	30MHz, 16QAM			26.878	28.21
	40MHz, BPSK	100/0		35.766	37.61
	40MHz, QPSK			35.793	37.63
	40MHz, 16QAM			35.795	37.30
	50MHz, BPSK	128/0		45.542	47.84
	50MHz, QPSK			45.704	47.96
	50MHz, 16QAM			45.805	47.72
	60MHz, BPSK	162/0		58.055	60.53
	60MHz, QPSK			57.741	60.10
	60MHz, 16QAM			57.842	60.41
	70MHz, BPSK	180/0		64.329	67.22
	70MHz, QPSK			64.284	67.20
	70MHz, 16QAM			64.254	67.04
	80MHz, BPSK	216/0		77.107	80.20
	80MHz, QPSK			77.020	80.30
	80MHz, 16QAM			76.908	80.35
	90MHz, BPSK	243/0		86.689	90.49
	90MHz, QPSK			86.774	90.06
	90MHz, 16QAM			86.836	90.24
	100MHz, BPSK	270/0		96.276	100.3
	100MHz, QPSK			96.409	100.4
	100MHz, 16QAM			96.308	100.2
	100MHz, BPSK	1/0		0.598	1.11

9.1.1. LTE BAND 7 AND 5G NR n7

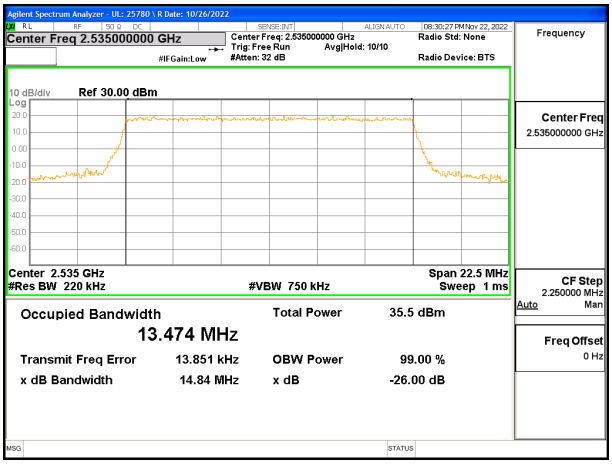
LTE BAND 7



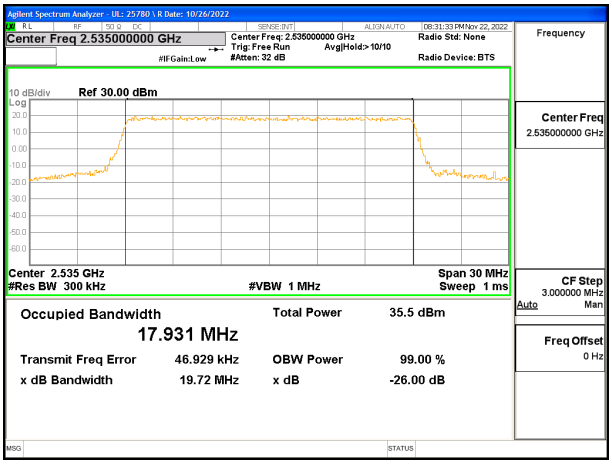
LTE B7 5MHz QPSK Middle Channel RB25-0



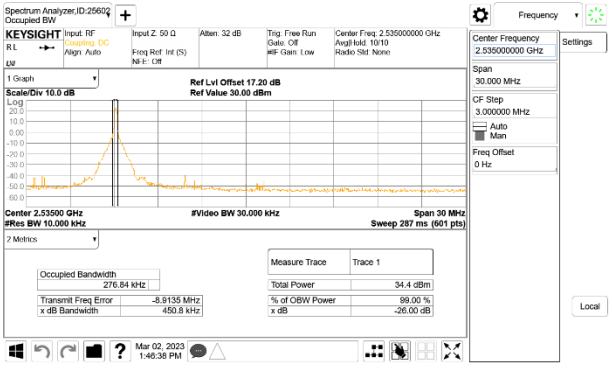
LTE B7 10MHz QPSK Middle Channel RB50-0



LTE B7 15MHz QPSK Middle Channel RB75-0

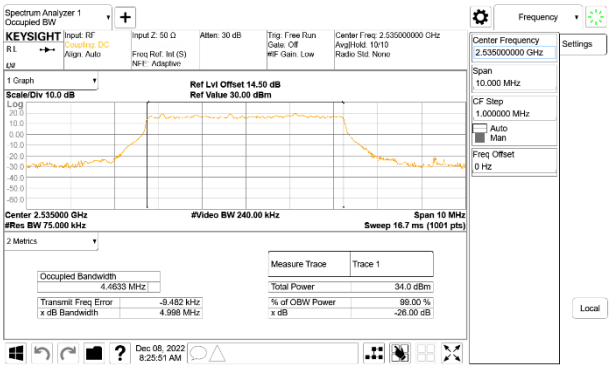


LTE B7 20MHz QPSK Middle Channel RB100-0

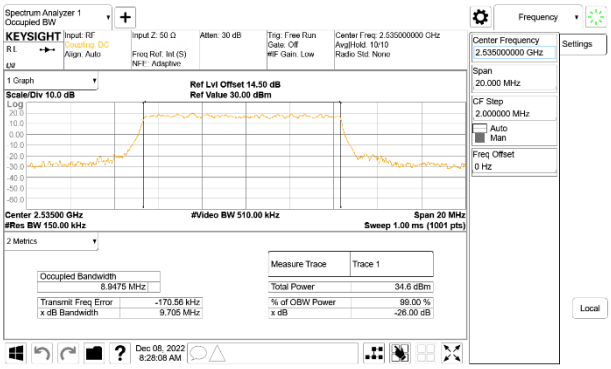


LTE B7 20MHz QPSK Middle Channel RB1-0

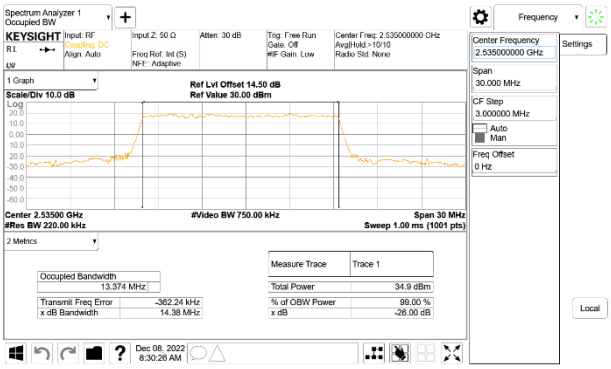
5G NR n7



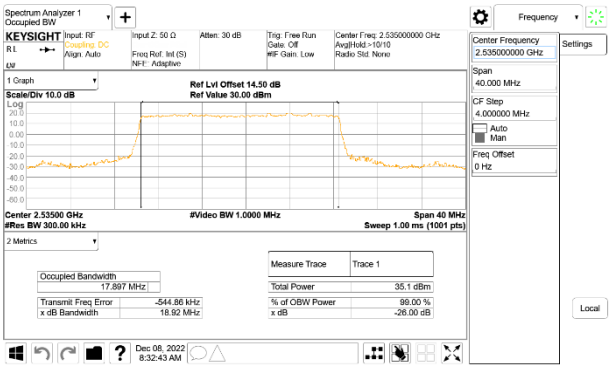
5G NR n7 5MHz BPSK Middle Channel RB25-0, ID:25602



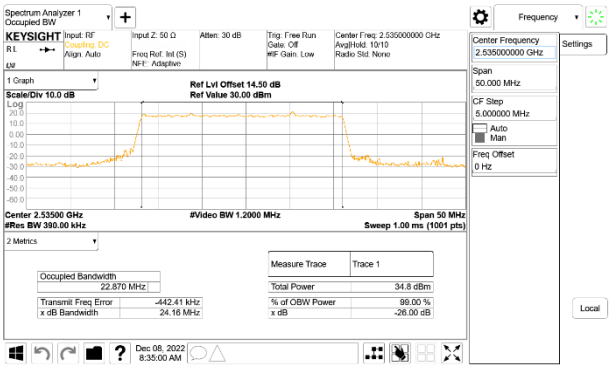
5G NR n7 10MHz BPSK Middle Channel RB50-0, ID:25602



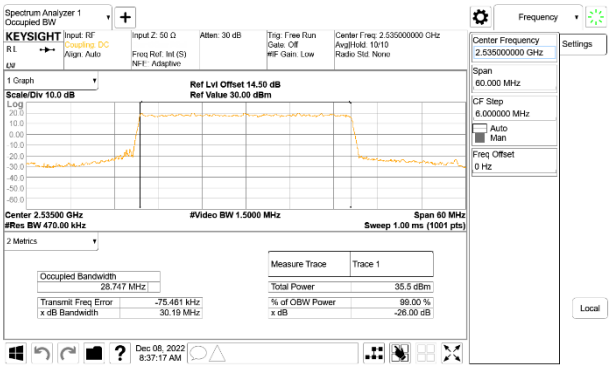
5G NR n7 15MHz BPSK Middle Channel RB75-0, ID:25602



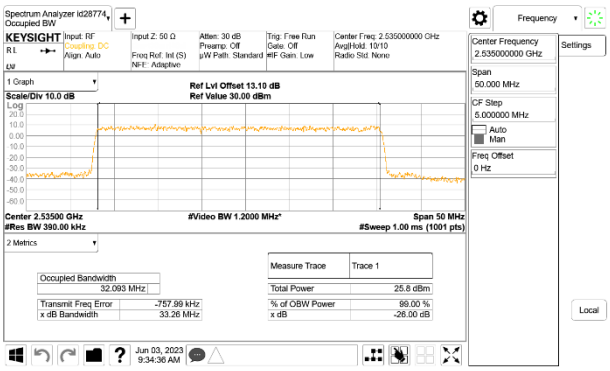
5G NR n7 20MHz BPSK Middle Channel RB100-0, ID:25602



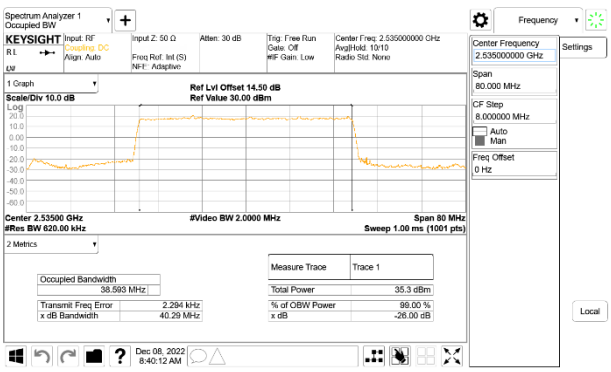
5G NR n7 25MHz BPSK Middle Channel RB128-0, ID:25602



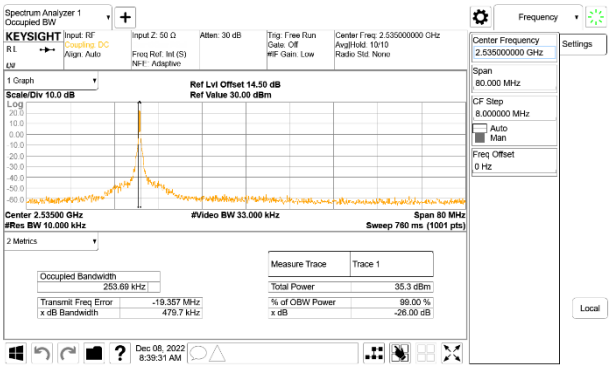
5G NR n7 30MHz BPSK Middle Channel RB160-0, ID:25602



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



5G NR n7 40MHz BPSK Middle Channel RB216-0, ID:25602

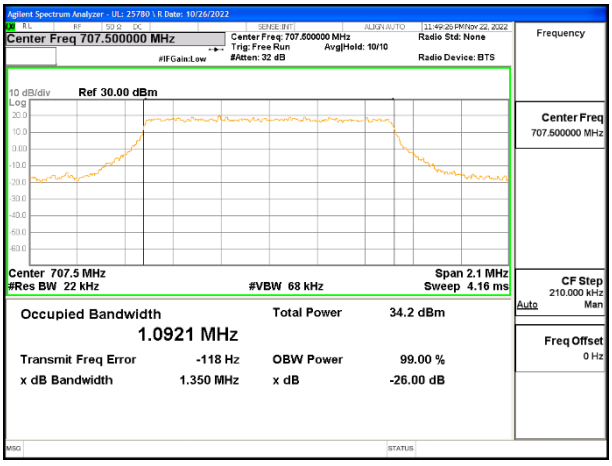


5G NR n7 40MHz BPSK Middle Channel RB1-0, ID:25602

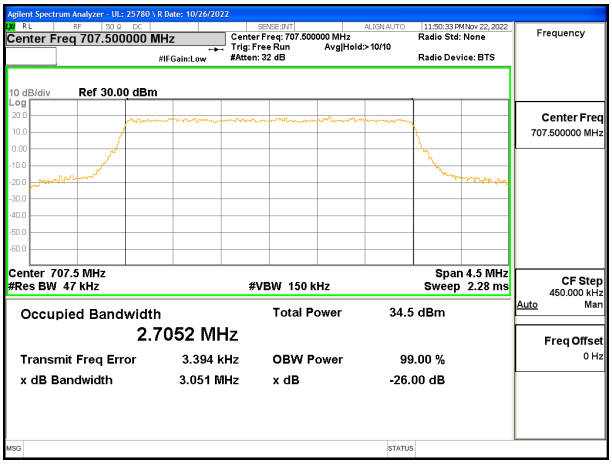
Intentionally Blank

9.1.2. LTE BAND 12 AND 5G NR n12

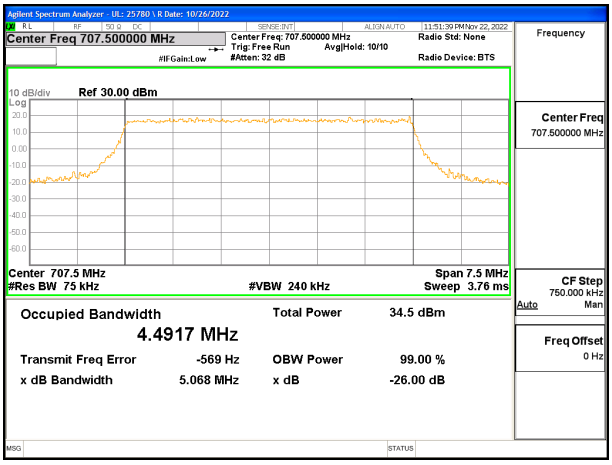
LTE BAND 12



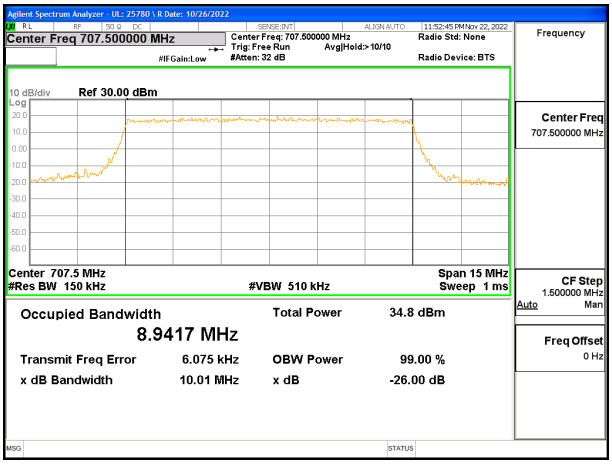
LTE B12 1.4MHz QPSK Middle Channel RB6-0



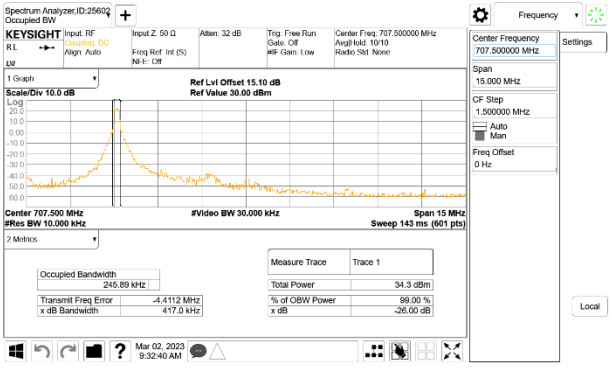
LTE B12 3MHz QPSK Middle Channel RB15-0



LTE B12 5MHz QPSK Middle Channel RB25-0

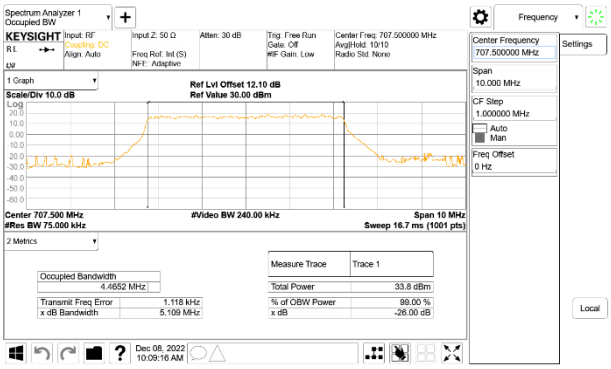


LTE B12 10MHz QPSK Middle Channel RB50-0

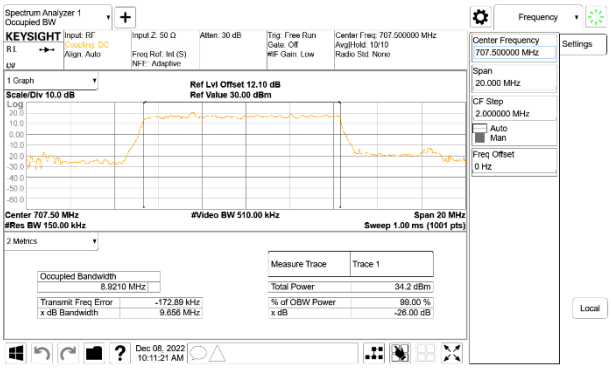


LTE B12 10MHz QPSK Middle Channel RB1-0

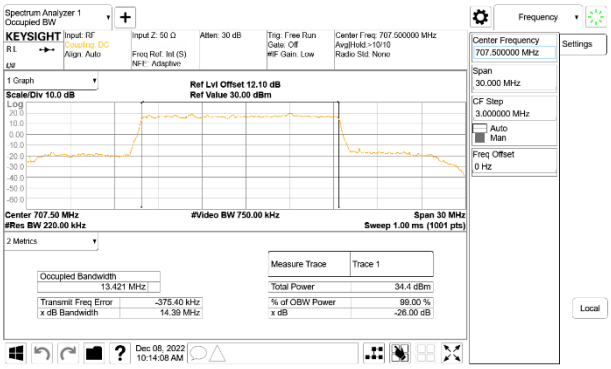
5G NR n12



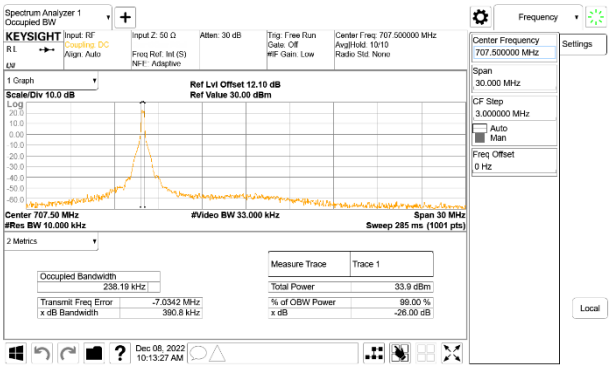
5G NR n12 5MHz BPSK Middle Channel RB25-0, ID:25602



5G NR n12 10MHz BPSK Middle Channel RB50-0, ID:25602

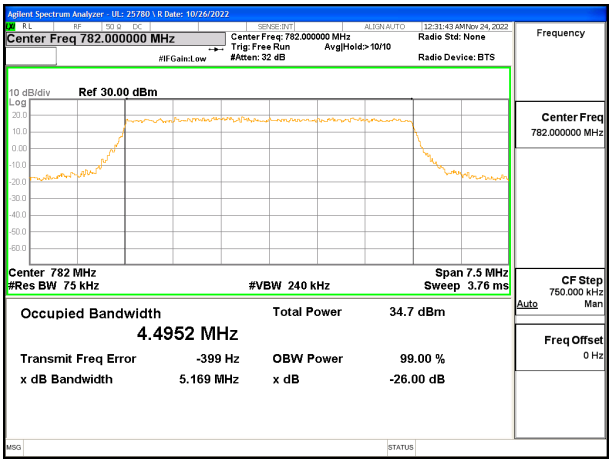


5G NR n12 15MHz BPSK Middle Channel RB75-0, ID:25602

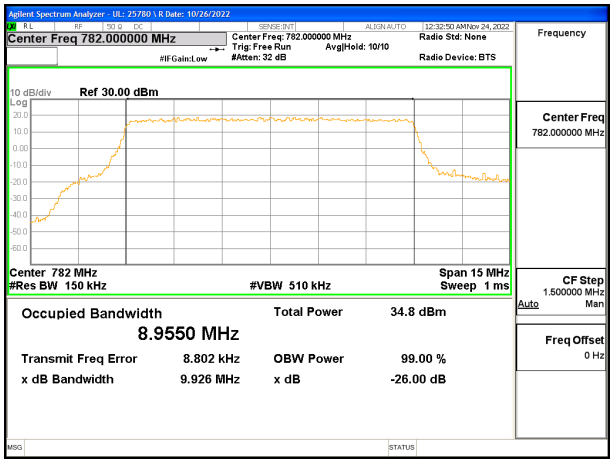


5G NR n12 15MHz BPSK Middle Channel RB1-0, ID:25602

9.1.3. LTE BAND 13



LTE B13 5MHz QPSK Middle Channel RB25-0

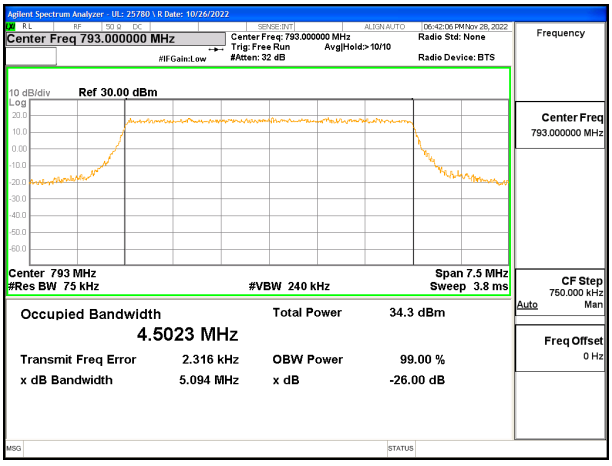


LTE B13 10MHz QPSK Middle Channel RB50-0

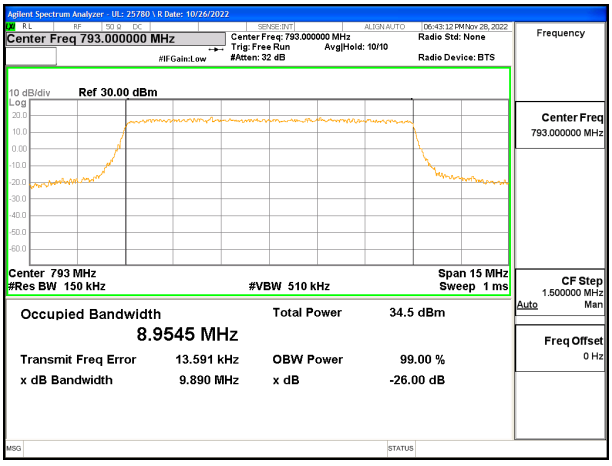
LTE B13 10MHz QPSK Middle Channel RB1-0

9.1.4. LTE BAND 14 AND 5G NR n14

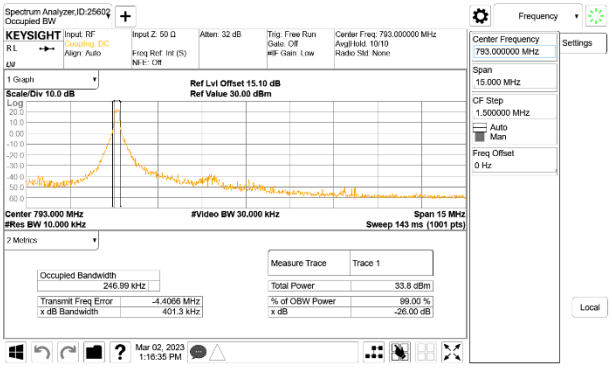
LTE BAND 14



LTE B14 5MHz QPSK Middle Channel RB25-0

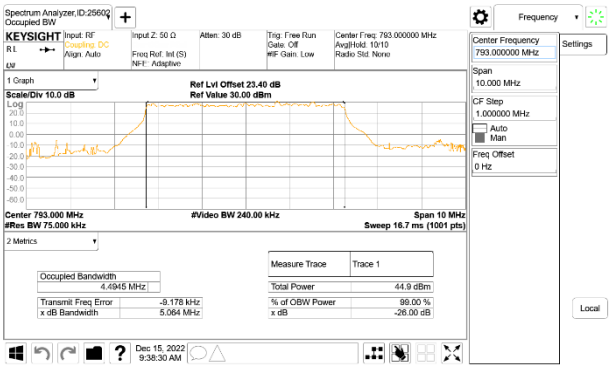


LTE B14 10MHz QPSK Middle Channel RB50-0

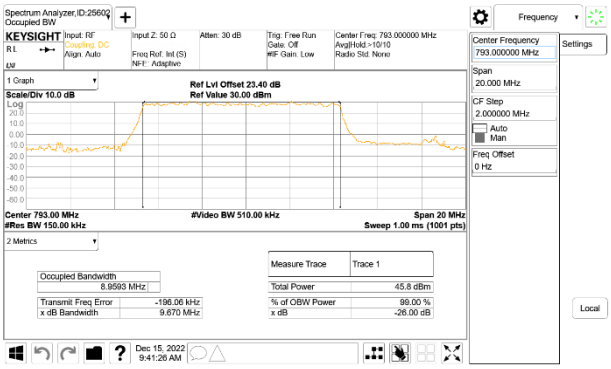


LTE B14 10MHz QPSK Middle Channel RB1-0

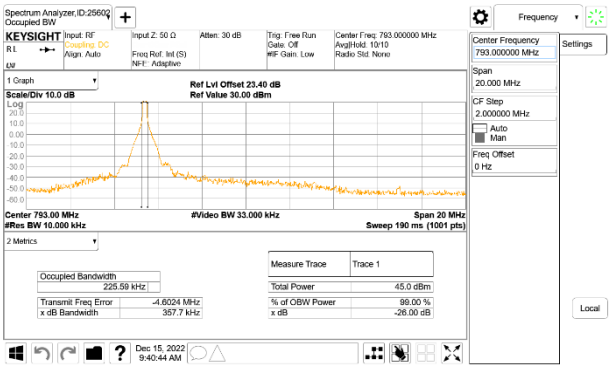
5G NR n14



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



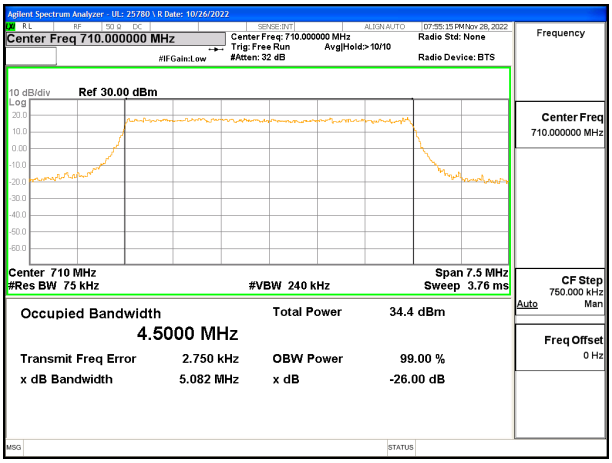
5G NR n14 10MHz BPSK Middle Channel RB50-0



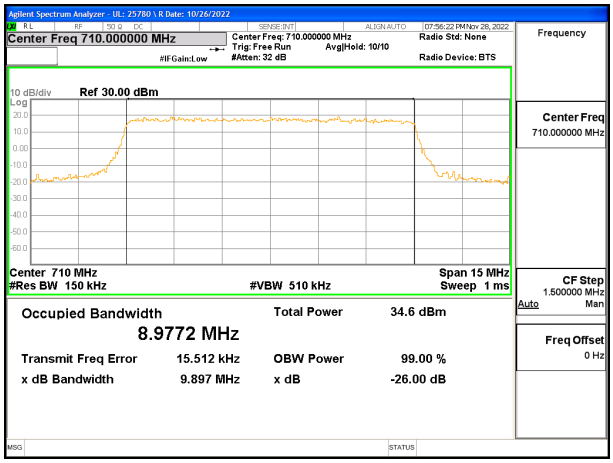
5G NR n14 10MHz BPSK Middle Channel RB1-0

Intentionally Blank

9.1.5. LTE BAND 17



LTE B17 5MHz QPSK Middle Channel RB25-0

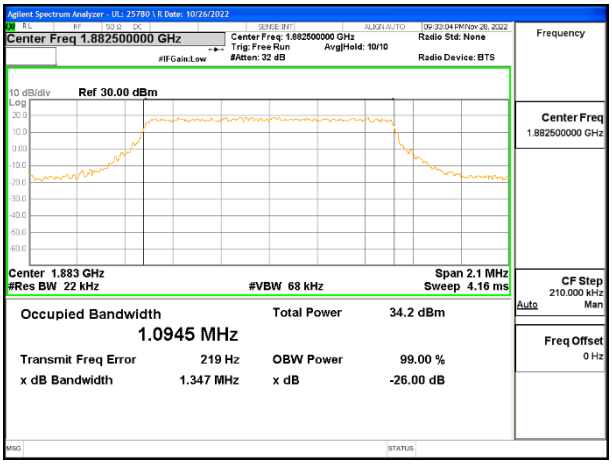


LTE B17 10MHz QPSK Middle Channel RB50-0

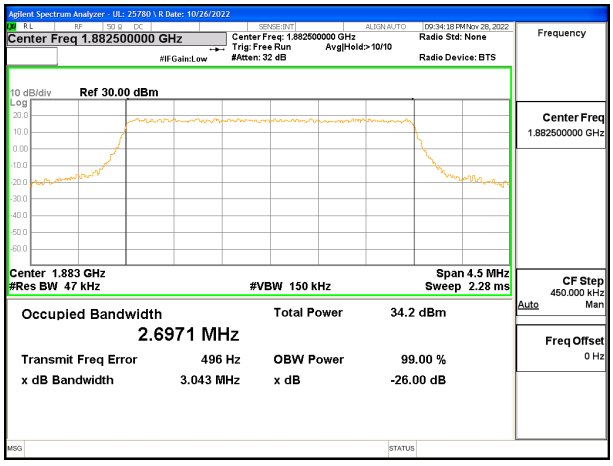
LTE B17 10MHz QPSK Middle Channel RB1-0

9.1.6. LTE BAND 25 AND 5G NR n25

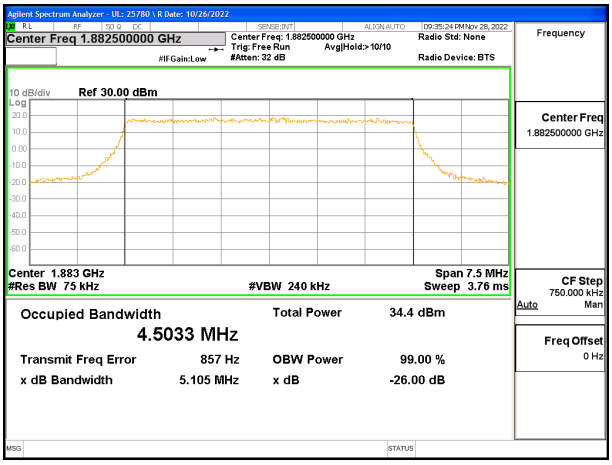
LTE BAND 25



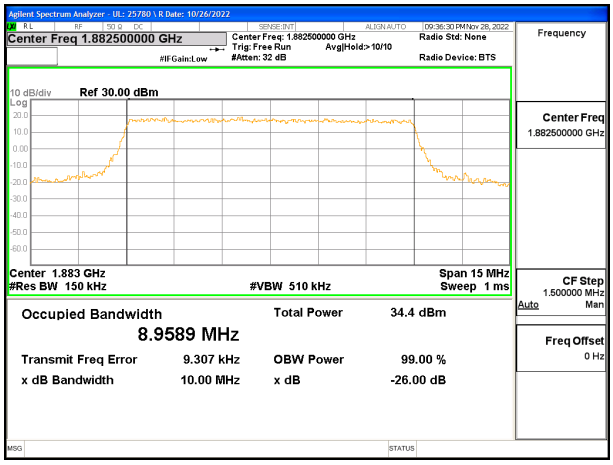
LTE B25 1.4MHz QPSK Middle Channel RB6-0, ID:25780



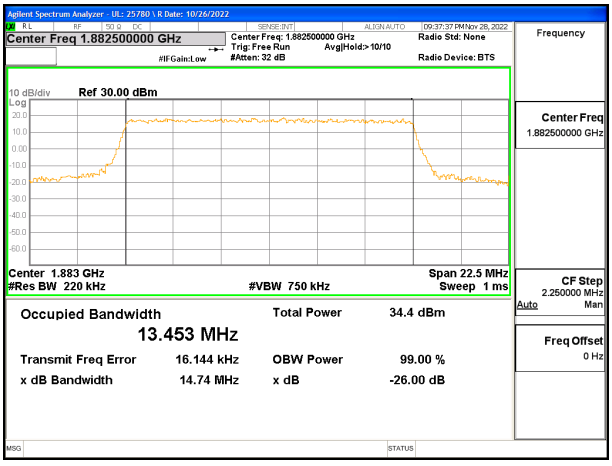
LTE B25 3MHz QPSK Middle Channel RB15-0, ID:25780



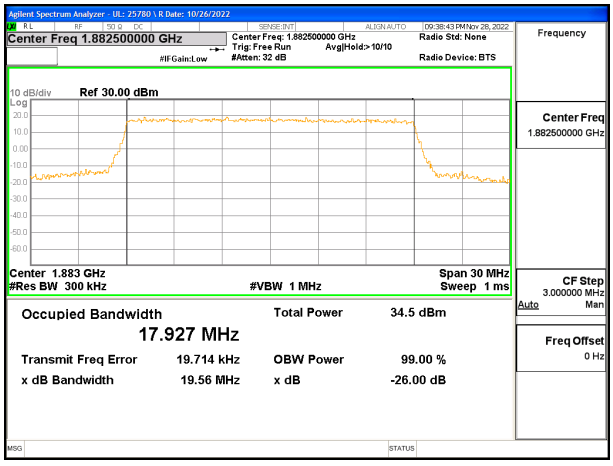
LTE B25 5MHz QPSK Middle Channel RB25-0, ID:25780



LTE B25 10MHz QPSK Middle Channel RB50-0, ID:25780



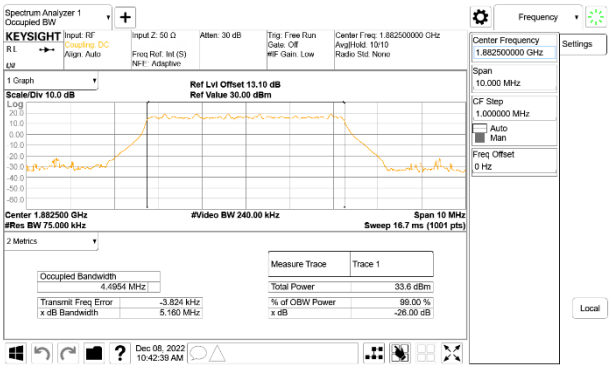
LTE B25 15MHz QPSK Middle Channel RB75-0, ID:25780



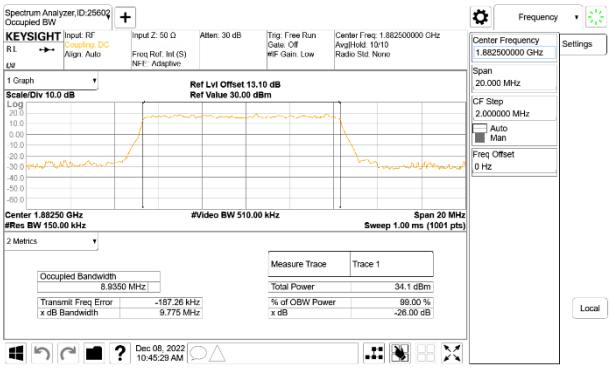
LTE B25 20MHz QPSK Middle Channel RB100-0, ID:25780

LTE B25 20MHz QPSK Middle Channel RB1-0

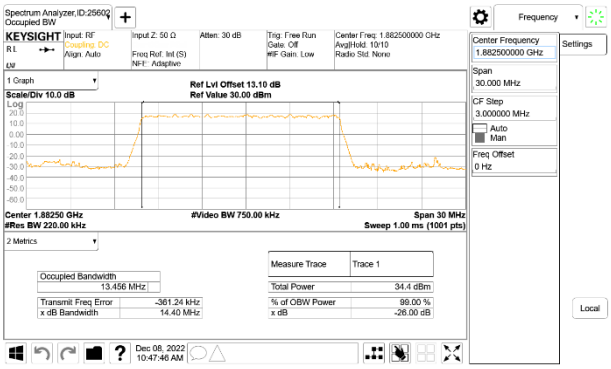
5G NR n25



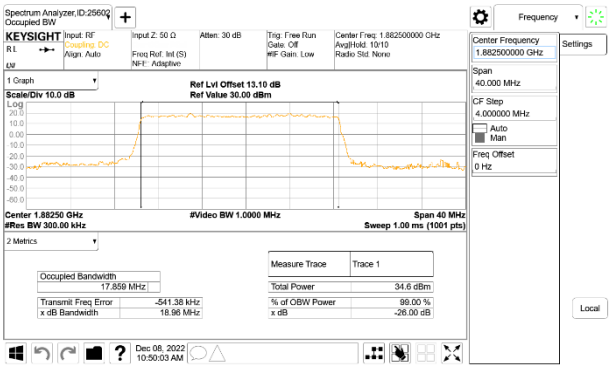
5G NR n25 5MHz BPSK Middle Channel RB25-0, ID:25780



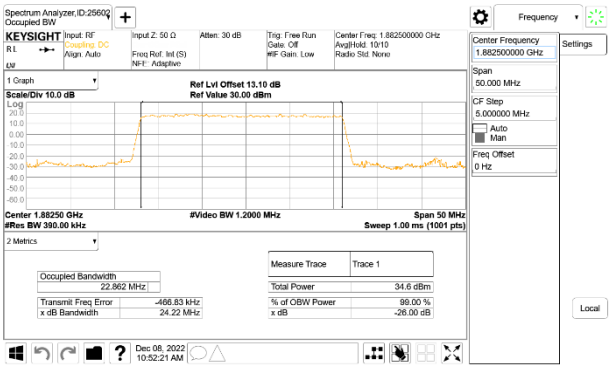
5G NR n25 10MHz BPSK Middle Channel RB50-0



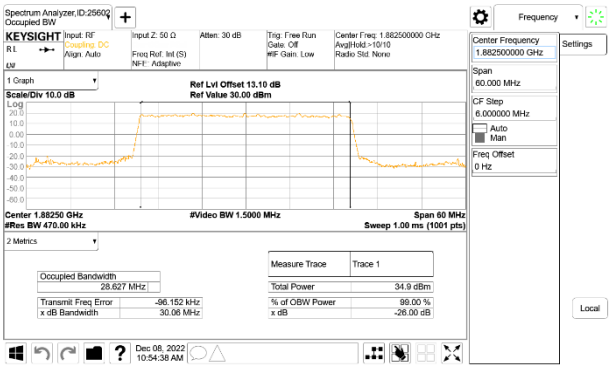
5G NR n25 15MHz BPSK Middle Channel RB75-0



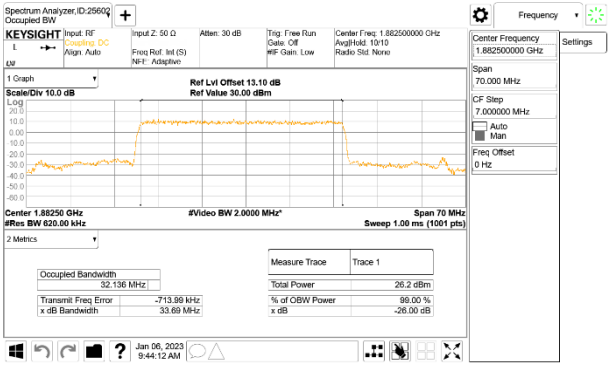
5G NR n25 20MHz BPSK Middle Channel RB100-0



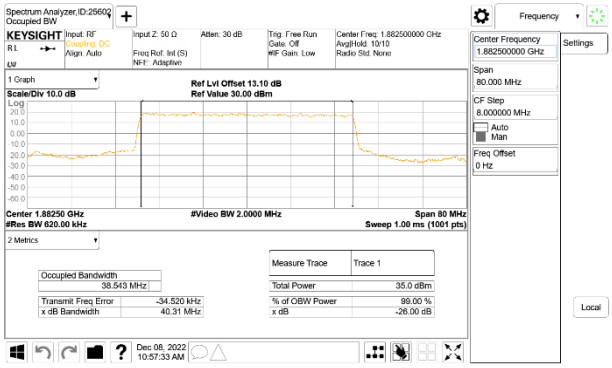
5G NR n25 25MHz BPSK Middle Channel RB128-0



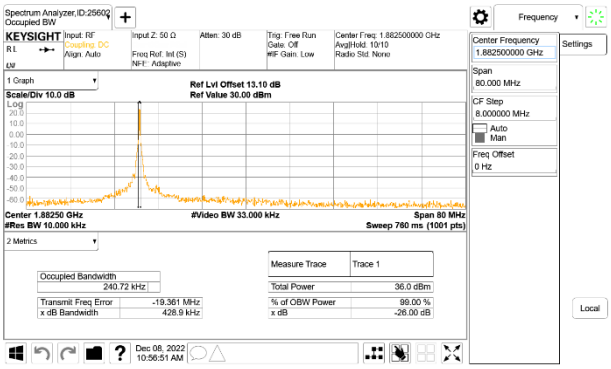
5G NR n25 30MHz BPSK Middle Channel RB160-0



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



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

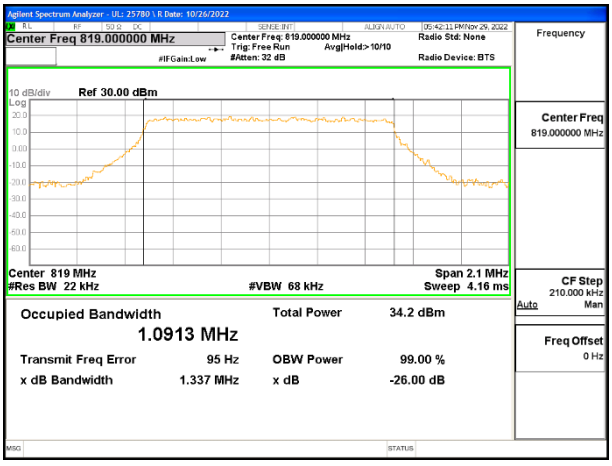


5G NR n25 40MHz BPSK Middle Channel RB1-0

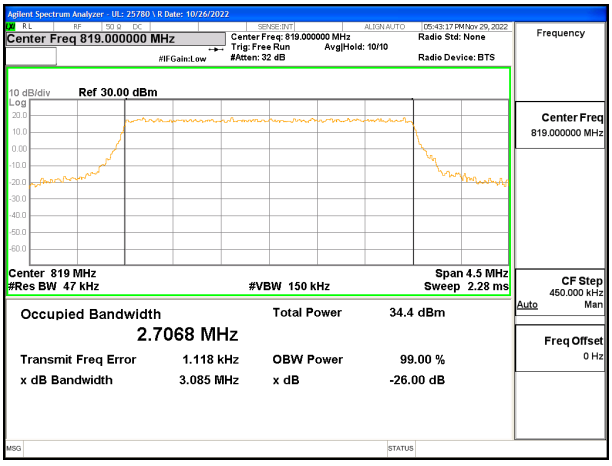
Intentionally Blank

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

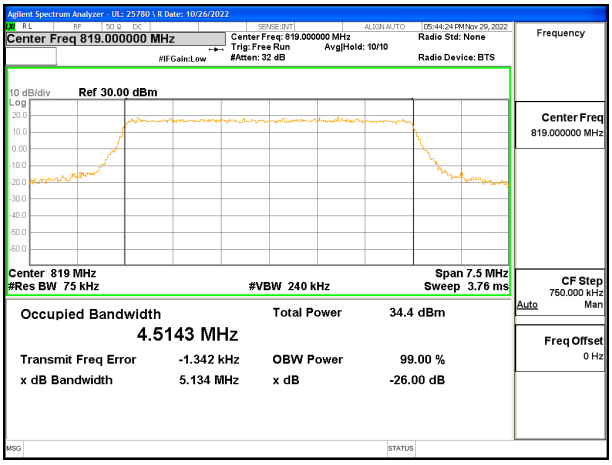
LTE BAND 26



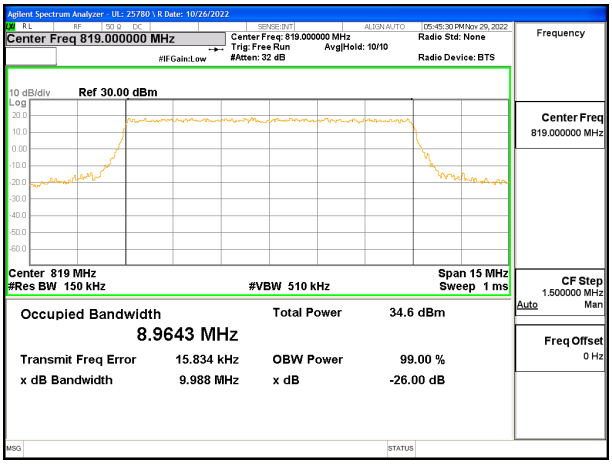
LTE B26 1.4MHz QPSK Middle Channel RB6-0



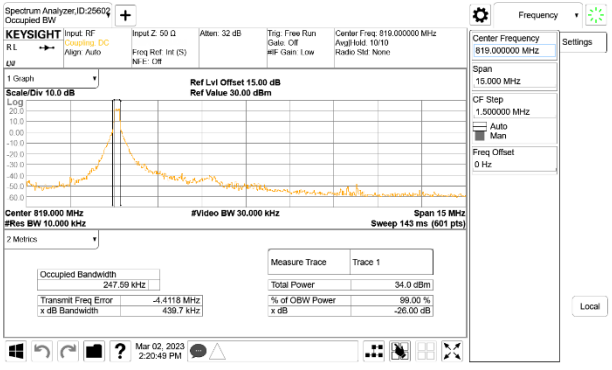
LTE B26 3MHz QPSK Middle Channel RB15-0



LTE B26 5MHz QPSK Middle Channel RB25-0

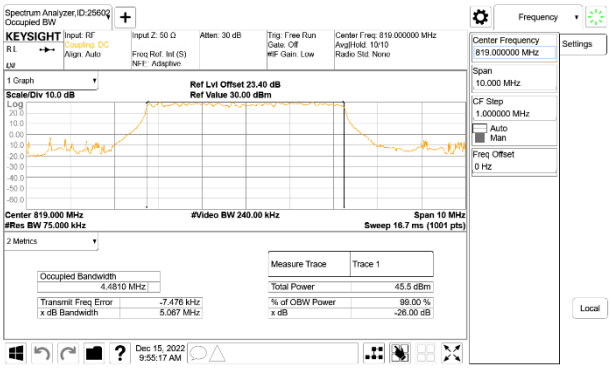


LTE B26 10MHz QPSK Middle Channel RB50-0

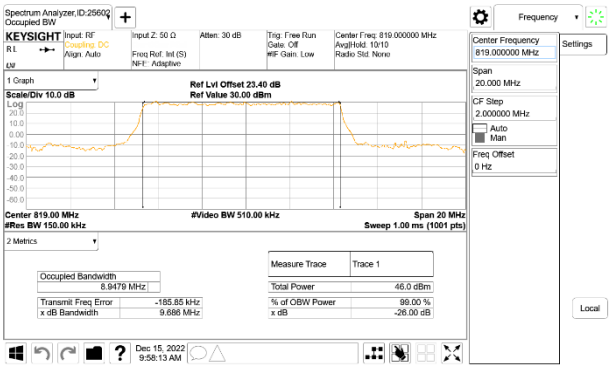


LTE B26 10MHz QPSK Middle Channel RB1-0

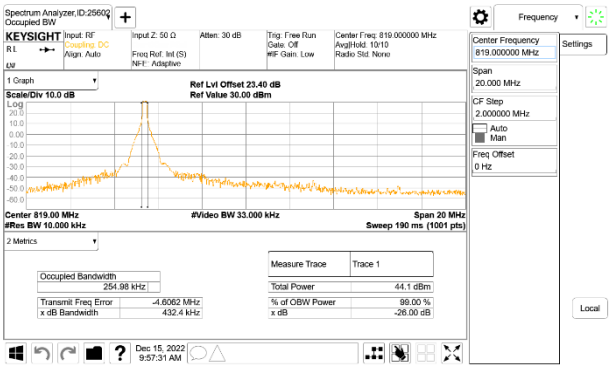
5G NR n26



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



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

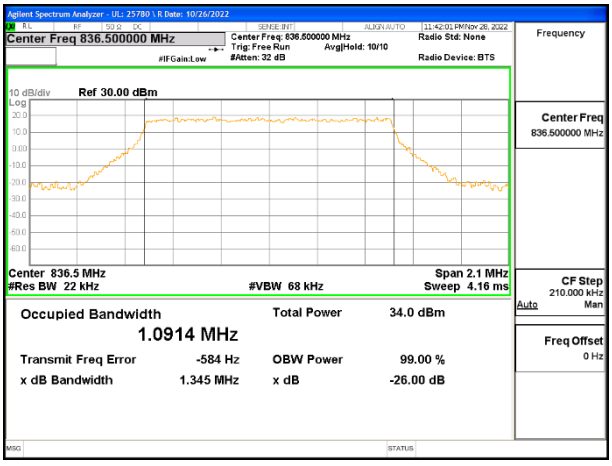


5G NR n26 10MHz BPSK Middle Channel RB1-0

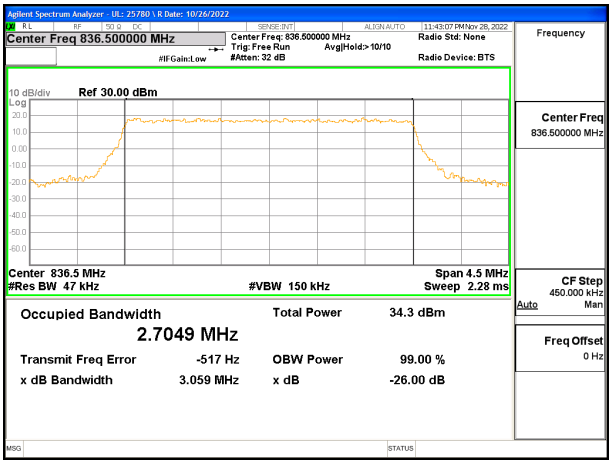
Intentionally Blank

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

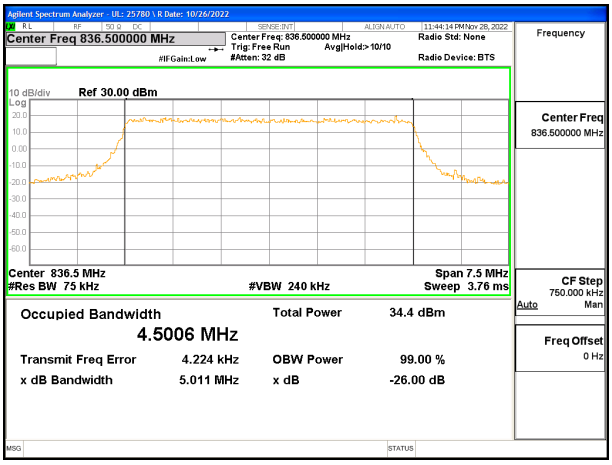
LTE BAND 26



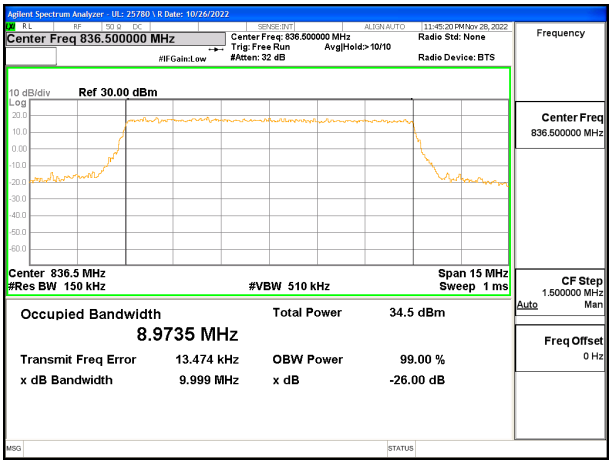
LTE B26 1.4MHz QPSK Middle Channel RB6-0



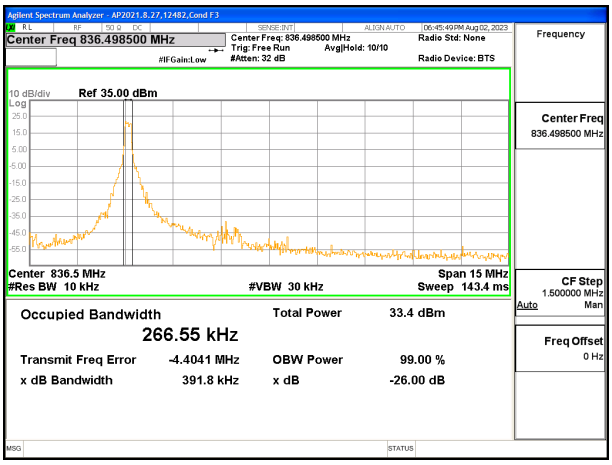
LTE B26 3MHz QPSK Middle Channel RB15-0



LTE B26 5MHz QPSK Middle Channel RB25-0



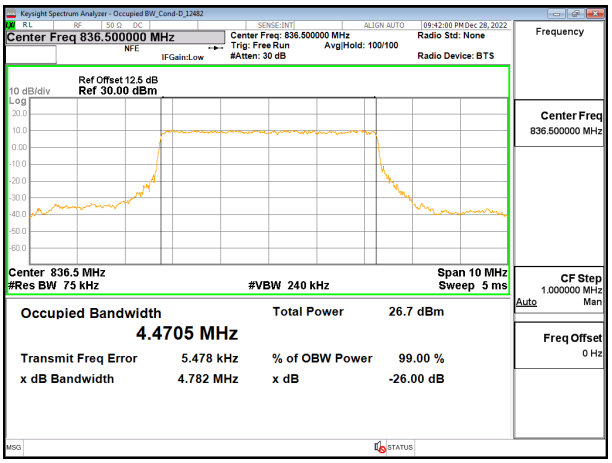
LTE B26 10MHz QPSK Middle Channel RB50-0



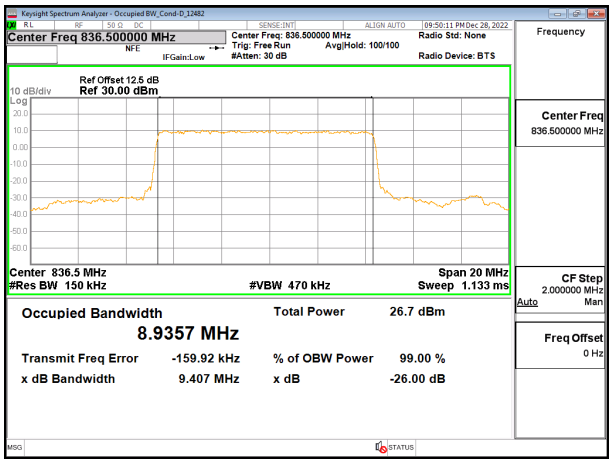
LTE B26 10MHz QPSK Middle Channel RB1-0

Intentionally Blank

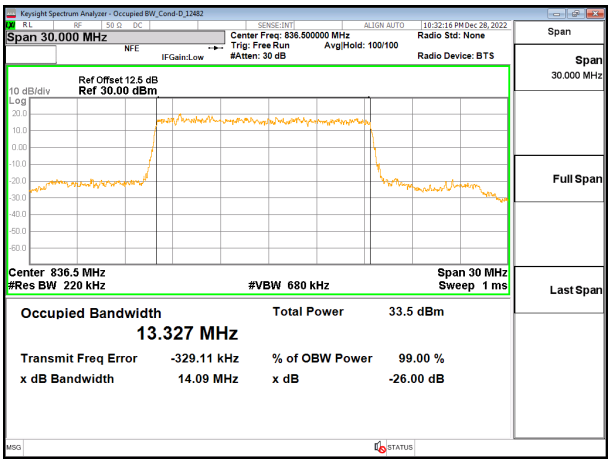
5G NR n26



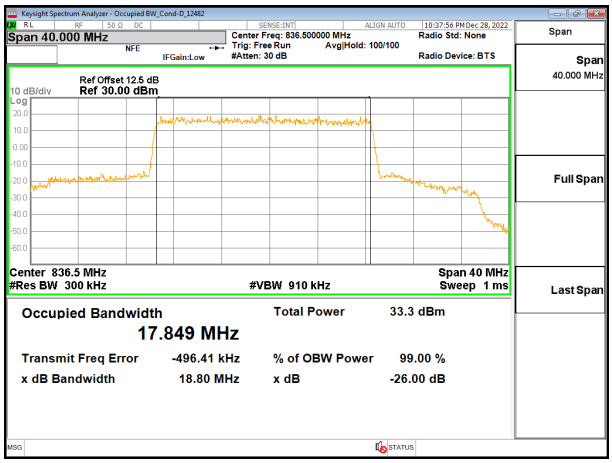
5G NR n26 5MHz BPSK Middle Channel RB25-0



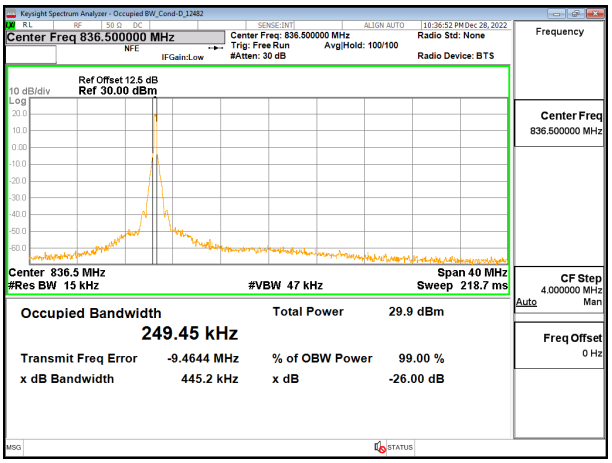
5G NR n26 10MHz BPSK Middle Channel RB50-0



5G NR n26 15MHz BPSK Middle Channel RB75-0



5G NR n26 20MHz BPSK Middle Channel RB100-0

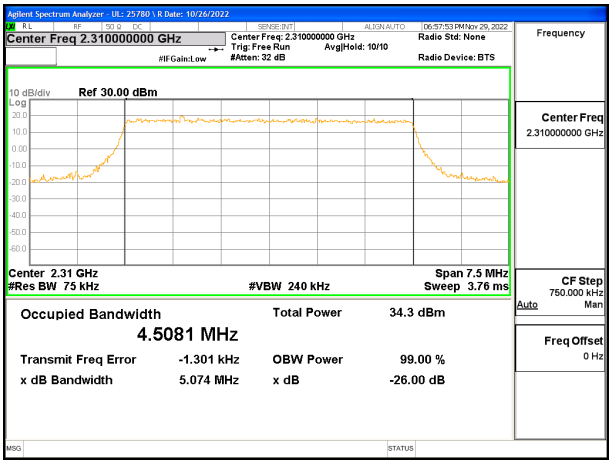


5G NR n26 20MHz Middle High Channel RB1-0

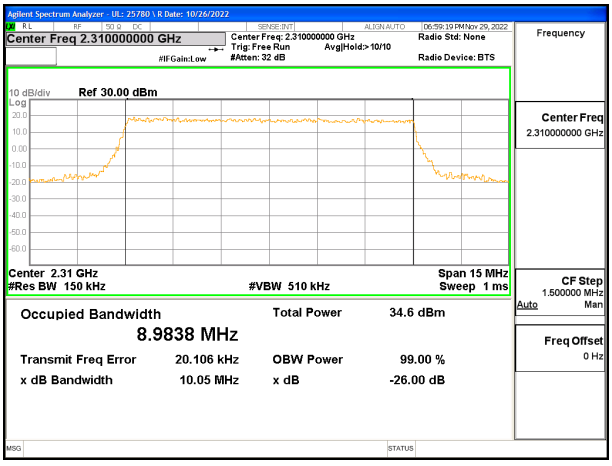
Intentionally Blank

9.1.9. LTE BAND 30 AND 5G NR n30

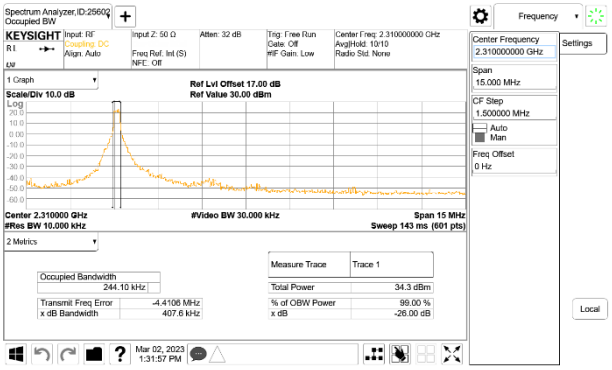
LTE BAND 30



LTE B30 5MHz QPSK Middle Channel RB25-0

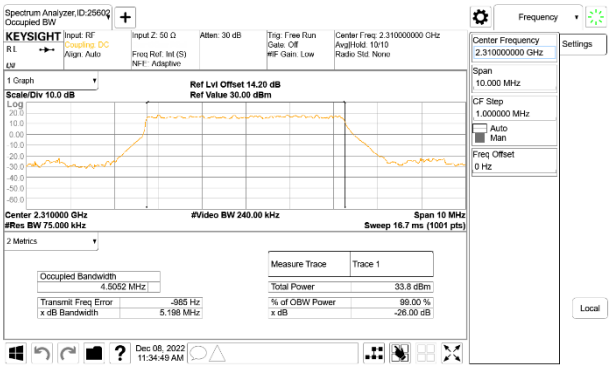


LTE B30 10MHz QPSK Middle Channel RB50-0

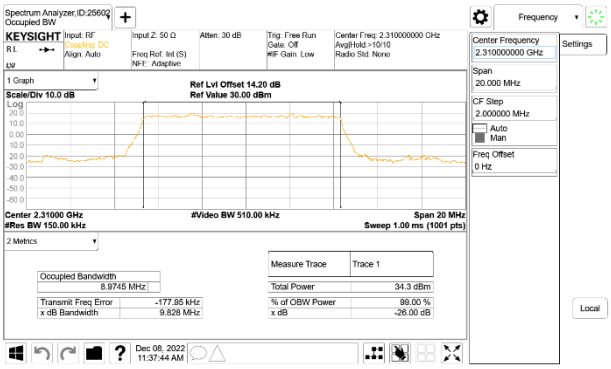


LTE B30 10MHz QPSK Middle Channel RB1-0

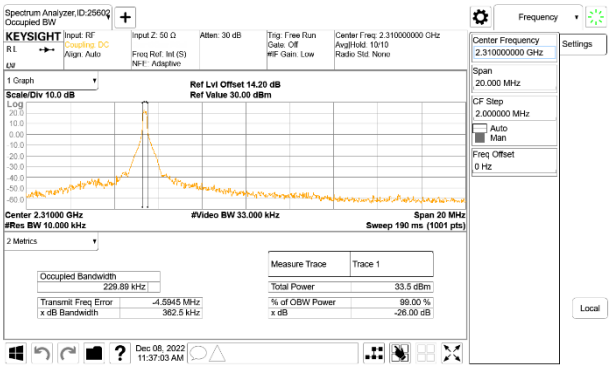
5G NR n30



5G NR n30 5MHz BPSK Middle Channel RB25-0



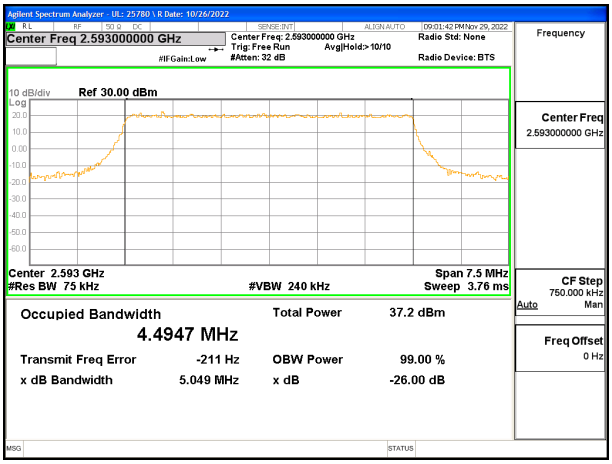
5G NR n30 10MHz BPSK Middle Channel RB50-0



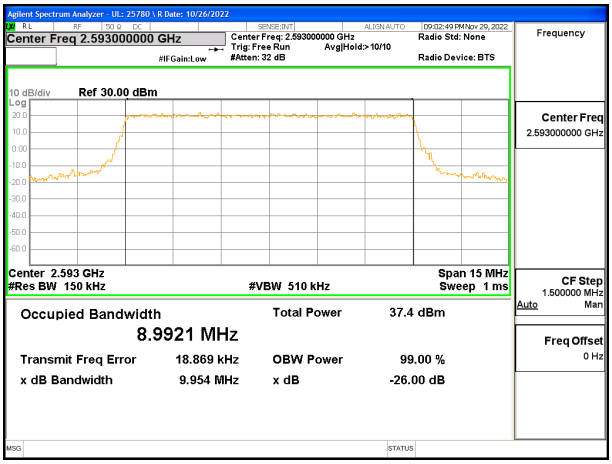
5G NR n30 10MHz BPSK Middle Channel RB1-0

9.1.10. LTE BAND 41 AND 5G NR n41

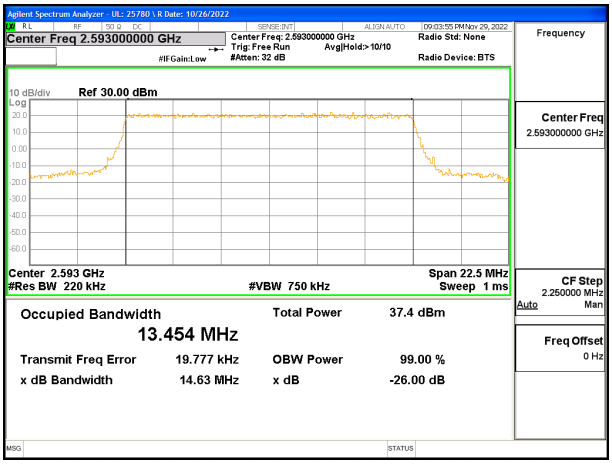
LTE BAND 41



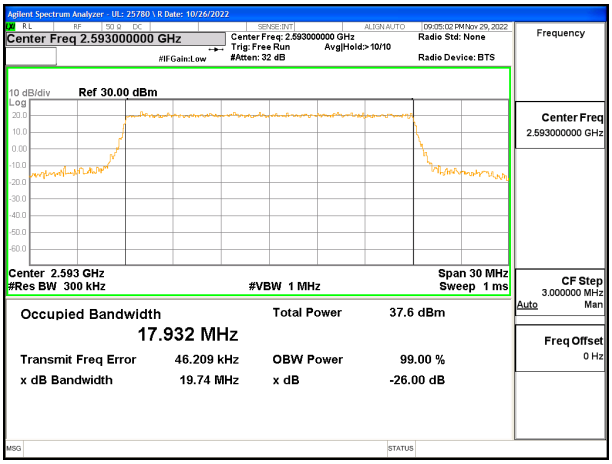
LTE B41 5MHz QPSK Middle Channel RB25-0



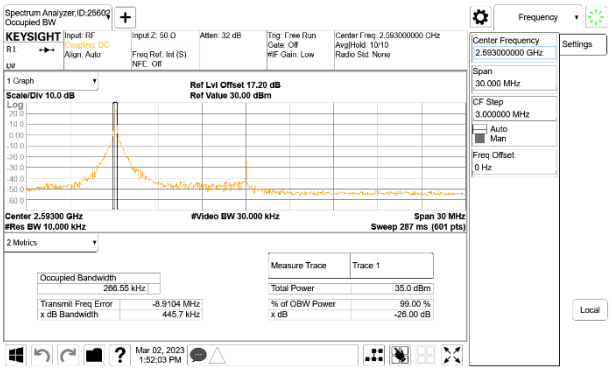
LTE B41 10MHz QPSK Middle Channel RB50-0



LTE B41 15MHz QPSK Middle Channel RB75-0



LTE B41 20MHz QPSK Middle Channel RB100-0



LTE B41 20MHz QPSK Middle Channel RB1-0