TEST REPORT

Report Number: 14982479-E18V2

Applicant	:	APPLE, INC 1 APPLE PARK WAY CUPERTINO, CA 95014, U.S.A.
Model	:	A3084
Brand	:	APPLE
FCC ID	:	BCG-E8684A
EUT Description	:	SMARTPHONE
Test Standard(s)	:	FCC 47 CFR PART 2, PART 22, PART 24, PART 27, PART 90

Date Of Issue:
2024-08-15

Prepared by:
UL Verification Services Inc.
47173 Benicia Street
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CERT #0751.05

Revision History

Rev.	Issue Date	Revisions	Revised By
V1	2024-07-25	Initial Review	Eric Ting
V2	2024-08-15	Address TCB Feedback Selection 6,8,9,10	Eric Ting

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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	A3084
Brand	APPLE
FCC ID	BCG-E8684A
EUT Description	SMARTPHONE
Serial Number	RADIATED: G9KF67HQTQ, F9NDW2CHY0 CONDUCTED: HVHH6Q0009L0000HN2, HVHH6Q000980000HN2
Sample Receipt Date	2024-02-03
Date Tested	2024-02-02 to 2024-07-24
Applicable Standards	FCC 47 CFR Part 2, Part 22, Part 24, Part 27, and Part 90
Test Results	COMPLIES

UL Verification Services Inc. tested the above equipment in accordance with the requirements set forth in the above standards. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report.

The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein. It is the manufacturer's responsibility to assure that additional production units of this model are manufactured with identical electrical and mechanical components. All samples tested were in good operating condition throughout the entire test program. Measurement Uncertainties are published for informational purposes only and were not taken into account unless noted otherwise.

This document may not be altered or revised in any way unless done so by UL Verification Services Inc.and all revisions are duly noted in the revisions section. Any alteration of this document not carried out by UL Verification Services Inc.will constitute fraud and shall nullify the document.

Approved & Released By:	Reviewed By:	Prepared By:
Mengistu Mekuria Operations Leader UL Verification Services Inc.	Eric Ting Senior Test Engineer UL Verification Services Inc.	Chris He Laboratory Engineer UL Verification Services Inc.

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2. SUMMARY OF TEST RESULTS

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

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

1. Antenna gain (see section 6.4)

Requirement Description	Band	Requirement Clause Number (FCC)	Result	Remarks
RF Conducted Output Power	26 (90S)	2.1046, 90.635 (b)	Complies	
Effective Radiated Power	5, 26	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	
	77	27.50 (j) (3), (k) (3)	Complies	

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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), 27.53 (g), 27.53 (c) (f), 27.53(a), 27.53(l), 90.543 (e)(f), 90.691 (a)	Complies	
Out of Band Emissions	2.1051, 22.917 (a), 24.238 (a), 27.53 (h), 27.53 (m)(4) & (m) (6), 27.53 (g), 27.53 (c) (f), 27.53(a), 27.53(l), 90.543 (e)(f), 90.691 (a)	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)	Complies	
Field Strength of Spurious Radiation	2.1053, 22.917 (a), 24.238 (a), 27.53 (h), 27.53 (m)(4) & (m) (6), 27.53 (g), 27.53 (c) (f), 27.53(a), 27.53(l), 90.543 (e)(f), 90.691 (a)	Complies	

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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, and Part 90
- FCC KDB 971168 D01 : Power Meas License Digital Systems
- FCC KDB 971168 D02: Misc Rev Approv License Devices
- FCC KDB 412172 D01 : 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			

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5. DECISION RULES AND MEASUREMENT UNCERTAINTY

5.1. METROLOGICAL TRACEABILITY

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

5.2. DECISION RULES

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

5.3. MEASUREMENT UNCERTAINTY

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

PARAMETER	U_{Lab}
Conducted Antenna Port Emission Measurement	1.940 db
Power Spectral Density	2.466 db
Time Domain Measurements Using SA	3.39 %
RF Power Measurement Direct Method Using Power Meter	1.300 db Peak 0.450 db 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

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6. EQUIPMENT UNDER TEST

6.1. DESCRIPTION OF EUT

The Apple iPhone is a smartphone with cellular GSM, GPRS, EGPRS, WCDMA, LTE, 5GNR1, 5GNR2, IEEE 802.11a/b/g/n/ac/ax/be, Bluetooth (BT), Ultra-Wideband (UWB), Global Positioning System (GPS), Near-Field Communication (NFC), Narrow-Band (NB) UNII, 802.15.4, 802.15.4ab-Narrow Band (NB) and Mobile Satellite Service (MSS) technologies. The rechargeable battery is not user accessible. This device is not user-serviceable and requires special tools to disassemble.

6.2. MAXIMUM OUTPUT POWER

EIRP/ERP TEST PROCEDURE

ANSI C63.26:2015
KDB 971168 D01 Section 5.6

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.

The transmitter has a maximum average conducted and ERP / EIRP output powers as follows:

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LTE BAND 7

Part 27	
EIRP Limit (W)	2.00
Antenna Gain (dBi)	0.50

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	24.20	0.263	4499	4M50G7W
	16QAM			22.95	23.45	0.221	4500	4M50D7W
10.0	QPSK	2505.0	2565.0	23.70	24.20	0.263	8976	8M98G7W
	16QAM			22.91	23.41	0.219	8992	8M99D7W
15.0	QPSK	2507.5	2562.5	23.70	24.20	0.263	13477	13M5G7W
	16QAM			23.02	23.52	0.225	13477	13M5D7W
20.0	QPSK	2510.0	2560.0	23.70	24.20	0.263	17968	18M0G7W
	16QAM			23.06	23.56	0.227	17975	18M0D7W

5G NR n7

Part 27	
EIRP Limit (W)	2.00
Antenna Gain (dBi)	0.50

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	23.69	24.19	0.262	4492	4M49G7W
	QPSK			23.62	24.12	0.258	4501	4M50G7W
	16QAM			23.22	23.72	0.236	4482	4M48D7W
10.0	BPSK	2505.0	2565.0	23.70	24.20	0.263	8946	8M95G7W
	QPSK			23.62	24.12	0.258	8973	8M97G7W
	16QAM			23.29	23.79	0.239	8945	8M95D7W
15.0	BPSK	2507.5	2562.5	23.70	24.20	0.263	13406	13M4G7W
	QPSK			23.70	24.20	0.263	13477	13M5G7W
	16QAM			23.35	23.85	0.243	13433	13M4D7W
20.0	BPSK	2510.0	2560.0	23.70	24.20	0.263	17935	17M9G7W
	QPSK			23.70	24.20	0.263	17940	17M9G7W
	16QAM			23.32	23.82	0.241	17882	17M9D7W
25.0	BPSK	2512.5	2557.5	23.70	24.20	0.263	22946	22M9G7W
	QPSK			23.69	24.19	0.262	22884	22M9G7W
	16QAM			23.01	23.51	0.224	22931	22M9D7W
30.0	BPSK	2515.0	2555.0	23.70	24.20	0.263	28705	28M7G7W
	QPSK			23.70	24.20	0.263	28593	28M6G7W
	16QAM			23.13	23.63	0.231	28657	28M7D7W
35.0	BPSK	2517.5	2552.5	23.70	24.20	0.263	32151	32M2G7W
	QPSK			23.70	24.20	0.263	32151	32M2G7W
	16QAM			22.91	23.41	0.219	32228	32M2D7W
40.0	BPSK	2520.0	2550.0	23.70	24.20	0.263	38574	38M6G7W
	QPSK			23.70	24.20	0.263	38634	38M6G7W
	16QAM			23.09	23.59	0.229	38628	38M6D7W

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LTE BAND 12

Part 27								
ERP Limit (W)		3.00						
Antenna Gain (dBi)		-4.80						
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	ERP Average (dBm)	ERP Average (W)	99% BW (kHz)	Emission Designator
1.4	QPSK	699.7	715.3	25.70	18.75	0.075	1094	1M09G7W
	16QAM			25.48	18.53	0.071	1099	1M10D7W
3.0	QPSK	700.5	714.5	25.70	18.75	0.075	2697	2M70G7W
	16QAM			25.45	18.50	0.071	2712	2M71D7W
5.0	QPSK	701.5	713.5	25.70	18.75	0.075	4500	4M50G7W
	16QAM			25.51	18.56	0.072	4492	4M49D7W
10.0	QPSK	704.0	711.0	25.70	18.75	0.075	8951	8M95G7W
	16QAM			25.47	18.52	0.071	8973	8M97D7W

5G NR n12

Part 27								
ERP Limit (W)		3.00						
Antenna Gain (dBi)		-4.80						
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	ERP Average (dBm)	ERP Average (W)	99% BW (kHz)	Emission Designator
5.0	BPSK	701.5	713.5	25.70	18.75	0.075	4495	4M50G7W
	QPSK			25.70	18.75	0.075	4477	4M48G7W
	16QAM			25.20	18.25	0.067	4492	4M49D7W
10.0	BPSK	704.0	711.0	25.70	18.75	0.075	8956	8M96G7W
	QPSK			25.70	18.75	0.075	8948	8M95G7W
	16QAM			25.25	18.30	0.068	8963	8M96D7W
15.0	BPSK	706.5	708.5	25.70	18.75	0.075	13408	13M4G7W
	QPSK			25.70	18.75	0.075	13428	13M4G7W
	16QAM			25.46	18.51	0.071	13341	13M3D7W

LTE BAND 13

Part 27								
ERP Limit (W)		3.00						
Antenna Gain (dBi)		-5.20						
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	ERP Average (dBm)	ERP Average (W)	99% BW (kHz)	Emission Designator
5.0	QPSK	779.5	784.5	25.70	18.35	0.068	4499	4M50G7W
	16QAM			25.56	18.21	0.066	4514	4M51D7W
10.0	QPSK	782.0	782.0	25.70	18.35	0.068	8968	8M97G7W
	16QAM			25.47	18.12	0.065	8982	8M98D7W

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LTE BAND 14

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

Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	ERP Average (dBm)	ERP Average (W)	99% BW (kHz)	Emission Designator
5.0	QPSK	790.5	795.5	25.70	18.35	0.068	4493	4M49G7W
	16QAM			25.53	18.18	0.066	4499	4M50D7W
10.0	QPSK	793.0	793.0	25.70	18.35	0.068	8967	8M97G7W
	16QAM			25.46	18.11	0.065	8988	8M99D7W

5G NR n14

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

Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	ERP Average (dBm)	ERP Average (W)	99% BW (kHz)	Emission Designator
5.0	BPSK	790.5	795.5	25.70	18.35	0.068	4505	4M51G7W
	QPSK			25.63	18.28	0.067	4487	4M49G7W
	16QAM			25.43	18.08	0.064	4495	4M50D7W
10.0	BPSK	793.0	793.0	25.68	18.33	0.068	8968	8M97G7W
	QPSK			25.68	18.33	0.068	8924	8M92G7W
	16QAM			25.34	17.99	0.063	8957	8M96D7W

LTE BAND 17

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

Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	ERP Average (dBm)	ERP Average (W)	99% BW (kHz)	Emission Designator
5.0	QPSK	706.5	713.5	25.70	18.75	0.075	4499	4M50G7W
	16QAM			25.51	18.56	0.072	4504	4M50D7W
10.0	QPSK	709.0	711.0	25.70	18.75	0.075	8974	8M97G7W
	16QAM			25.49	18.54	0.071	8977	8M98D7W

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LTE BAND 25

Part 24	
EIRP Limit (W)	2.00
Antenna Gain (dBi)	-2.80

Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (kHz)	Emission Designator
1.4	QPSK	1850.7	1914.3	25.50	22.70	0.186	1093	1M09G7W
	16QAM			25.11	22.31	0.170	1097	1M10D7W
3.0	QPSK	1851.5	1913.5	25.50	22.70	0.186	2706	2M71G7W
	16QAM			25.12	22.32	0.171	2702	2M70D7W
5.0	QPSK	1852.5	1912.5	25.50	22.70	0.186	4505	4M51G7W
	16QAM			25.10	22.30	0.170	4494	4M49D7W
10.0	QPSK	1855.0	1910.0	25.50	22.70	0.186	8980	8M98G7W
	16QAM			25.06	22.26	0.168	9020	9M02D7W
15.0	QPSK	1857.5	1907.5	25.50	22.70	0.186	13469	13M5G7W
	16QAM			25.11	22.31	0.170	13463	13M5D7W
20.0	QPSK	1860.0	1905.0	25.50	22.70	0.186	17947	17M9G7W
	16QAM			25.23	22.43	0.175	17912	17M9D7W

5G NR n25

Part 24	
EIRP Limit (W)	2.00
Antenna Gain (dBi)	-2.80

Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (kHz)	Emission Designator
5.0	BPSK	1852.5	1912.5	25.39	22.59	0.182	4485	4M49G7W
	QPSK			25.41	22.61	0.182	4484	4M48G7W
	16QAM			25.17	22.37	0.173	4496	4M50D7W
10.0	BPSK	1855.0	1910.0	25.35	22.55	0.180	8972	8M97G7W
	QPSK			25.30	22.50	0.178	8956	8M96G7W
	16QAM			24.81	22.01	0.159	8997	9M00D7W
15.0	BPSK	1857.5	1907.5	25.50	22.70	0.186	13430	13M4G7W
	QPSK			25.50	22.70	0.186	13416	13M4G7W
	16QAM			25.05	22.25	0.168	13431	13M4D7W
20.0	BPSK	1860.0	1905.0	25.50	22.70	0.186	17908	17M9G7W
	QPSK			25.43	22.63	0.183	17892	17M9G7W
	16QAM			25.10	22.30	0.170	17869	17M9D7W
25.0	BPSK	1862.5	1902.5	25.50	22.70	0.186	22879	22M9G7W
	QPSK			25.50	22.70	0.186	22959	23M0G7W
	16QAM			25.08	22.28	0.169	22861	22M9D7W
30.0	BPSK	1865.0	1900.0	25.50	22.70	0.186	28641	28M6G7W
	QPSK			25.50	22.70	0.186	28593	28M6G7W
	16QAM			25.20	22.40	0.174	28576	28M6D7W
35.0	BPSK	1867.5	1897.5	25.50	22.70	0.186	32180	32M2G7W
	QPSK			25.16	22.36	0.172	32254	32M3G7W
	16QAM			24.63	21.83	0.152	32141	32M1D7W
40.0	BPSK	1870.0	1895.0	25.50	22.70	0.186	38586	38M6G7W
	QPSK			25.50	22.70	0.186	38608	38M6G7W
	16QAM			25.23	22.43	0.175	38664	38M7D7W

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LTE BAND 26 (FCC Part 90S)

Part 90S	
Conducted Limit (W)	100.00
Antenna Gain (dBi)	-5.20

Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	Conducted Average (W)	ERP Average (dBm)	ERP Average (W)	99% BW (kHz)	Emission Designator
1.4	QPSK	814.7	823.3	25.70	0.37	18.35	0.068	1093	1M09G7W
	16QAM			25.49	0.35	18.14	0.065	1096	1M10D7W
3.0	QPSK	815.5	822.5	25.70	0.37	18.35	0.068	2704	2M70G7W
	16QAM			25.48	0.35	18.13	0.065	2709	2M71D7W
5.0	QPSK	816.5	821.5	25.70	0.37	18.35	0.068	4507	4M51G7W
	16QAM			25.51	0.36	18.16	0.065	4502	4M50D7W
10.0	QPSK	819.0	819.0	25.70	0.37	18.35	0.068	9004	9M00G7W
	16QAM			25.46	0.35	18.11	0.065	8971	8M97D7W

5G NR n26 (FCC Part 90S)

Part 90S	
Conducted Limit (W)	100.00
Antenna Gain (dBi)	-5.20

Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	Conducted Average (W)	ERP Average (dBm)	ERP Average (W)	99% BW (kHz)	Emission Designator
5.0	BPSK	816.5	821.5	25.70	0.37	18.35	0.068	4480	4M48G7W
	QPSK			25.70	0.37	18.35	0.068	4483	4M48G7W
	16QAM			25.35	0.34	18.00	0.063	4506	4M51D7W
10.0	BPSK	819.0	819.0	25.70	0.37	18.35	0.068	8982	8M98G7W
	QPSK			25.67	0.37	18.32	0.068	8995	9M00G7W
	16QAM			25.09	0.32	17.74	0.059	8957	8M96D7W

LTE BAND 26 (FCC Part 22)

Part 22	
ERP Limit (W)	7.00
Antenna Gain (dBi)	-5.20

Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	ERP Average (dBm)	ERP Average (W)	99% BW (kHz)	Emission Designator
1.4	QPSK	824.7	848.3	25.70	18.35	0.068	1099	1M10G7W
	16QAM			25.45	18.10	0.065	1098	1M10D7W
3.0	QPSK	825.5	847.5	25.70	18.35	0.068	2702	2M70G7W
	16QAM			25.45	18.10	0.065	2704	2M70D7W
5.0	QPSK	826.5	846.5	25.70	18.35	0.068	4508	4M51G7W
	16QAM			25.59	18.24	0.067	4505	4M51D7W
10.0	QPSK	829.0	844.0	25.70	18.35	0.068	8980	8M98G7W
	16QAM			25.48	18.13	0.065	9003	9M00D7W

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5G NR n26 (FCC Part 22)

Part 22	
ERP Limit (W)	7.00
Antenna Gain (dBi)	-5.20

Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	ERP Average (dBm)	ERP Average (W)	99% BW (kHz)	Emission Designator
5.0	BPSK	826.5	846.5	25.70	18.35	0.068	4503	4M50G7W
	QPSK			25.66	18.31	0.068	4500	4M50G7W
	16QAM			25.48	18.13	0.065	4487	4M49D7W
10.0	BPSK	829.0	844.0	25.70	18.35	0.068	8995	9M00G7W
	QPSK			25.70	18.35	0.068	8971	8M97G7W
	16QAM			25.55	18.20	0.066	8983	8M98D7W
15.0	BPSK	831.5	841.5	25.70	18.35	0.068	13419	13M4G7W
	QPSK			25.70	18.35	0.068	13440	13M4G7W
	16QAM			25.46	18.11	0.065	13414	13M4D7W
20.0	BPSK	834.0	839.0	25.66	18.31	0.068	17905	17M9G7W
	QPSK			25.70	18.35	0.068	17911	17M9G7W
	16QAM			25.43	18.08	0.064	17863	17M9D7W

LTE BAND 30

Part 27	
EIRP Limit (W)	0.25
Antenna Gain (dBi)	1.10

Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (kHz)	Emission Designator
5.0	QPSK	2307.5	2312.5	22.40	23.50	0.224	4507	4M51G7W
	16QAM			21.64	22.74	0.188	4512	4M51D7W
10.0	QPSK	2310.0	2310.0	22.40	23.50	0.224	8978	8M98G7W
	16QAM			21.55	22.65	0.184	9003	9M00D7W

5G NR n30

Part 27	
EIRP Limit (W)	0.25
Antenna Gain (dBi)	1.10

Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (kHz)	Emission Designator
5.0	BPSK	2307.5	2312.5	22.28	23.38	0.218	4488	4M49G7W
	QPSK			21.99	23.09	0.204	4516	4M52G7W
	16QAM			20.93	22.03	0.160	4496	4M50D7W
10.0	BPSK	2310.0	2310.0	22.40	23.50	0.224	8981	8M98G7W
	QPSK			22.12	23.22	0.210	8970	8M97G7W
	16QAM			21.85	22.95	0.197	8975	8M98D7W

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LTE BAND 41

Part 27	
EIRP Limit (W)	2.00
Antenna Gain (dBi)	-0.10

Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (kHz)	Emission Designator
5.0	QPSK	2498.5	2687.5	28.57	28.47	0.703	4483	4M48G7W
	16QAM			28.65	28.55	0.716	4492	4M49D7W
10.0	QPSK	2501.0	2685.0	28.70	28.60	0.724	8976	8M98G7W
	16QAM			28.69	28.59	0.723	8974	8M97D7W
15.0	QPSK	2503.5	2682.5	28.70	28.60	0.724	13450	13M5G7W
	16QAM			28.62	28.52	0.711	13420	13M4D7W
20.0	QPSK	2506.0	2680.0	28.70	28.60	0.724	17930	17M9G7W
	16QAM			28.68	28.58	0.721	17950	18M0D7W

5G NR n41

Part 27	
EIRP Limit (W)	2.00
Antenna Gain (dBi)	-0.10

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	2501.0	2685.0	28.70	28.60	0.724	8616	8M62G7W
	QPSK			28.31	28.21	0.662	8581	8M58G7W
	16QAM			27.74	27.64	0.581	8684	8M68D7W
15.0	BPSK	2503.5	2682.5	28.70	28.60	0.724	12995	13M0G7W
	QPSK			28.39	28.29	0.675	12915	12M9G7W
	16QAM			28.06	27.96	0.625	12932	12M9D7W
20.0	BPSK	2506.5	2680.0	28.68	28.58	0.721	17913	17M9G7W
	QPSK			28.67	28.57	0.719	17902	17M9G7W
	16QAM			27.99	27.89	0.615	17876	17M9D7W
30.0	BPSK	2511.0	2675.0	28.70	28.60	0.724	26881	26M9G7W
	QPSK			28.56	28.46	0.701	26869	26M9G7W
	16QAM			27.53	27.43	0.553	26932	26M9D7W
40.0	BPSK	2516.0	2670.0	28.70	28.60	0.724	35773	35M8G7W
	QPSK			28.67	28.57	0.719	35914	35M9G7W
	16QAM			27.81	27.71	0.590	35849	35M8D7W
50.0	BPSK	2521.0	2665.0	28.70	28.60	0.724	45835	45M8G7W
	QPSK			28.70	28.60	0.724	45838	45M8G7W
	16QAM			27.87	27.77	0.598	45917	45M9D7W
60.0	BPSK	2526.0	2660.0	28.70	28.60	0.724	57865	57M9G7W
	QPSK			28.56	28.46	0.701	58052	58M1G7W
	16QAM			28.15	28.05	0.638	58036	58M0D7W
70.0	BPSK	2531.0	2655.0	28.70	28.60	0.724	64493	64M5G7W
	QPSK			28.05	27.95	0.624	64604	64M6G7W
	16QAM			27.57	27.47	0.558	64404	64M4D7W
80.0	BPSK	2536.0	2650.0	28.70	28.60	0.724	77210	77M2G7W
	QPSK			28.61	28.51	0.710	77458	77M5G7W
	16QAM			26.58	26.48	0.445	77392	77M4D7W
90.0	BPSK	2541.0	2645.0	28.62	28.52	0.711	86684	86M7G7W
	QPSK			28.27	28.17	0.656	87097	87M1G7W
	16QAM			27.72	27.62	0.578	86921	86M9D7W
100.0	BPSK	2546.0	2640.0	28.70	28.60	0.724	96431	96M4G7W
	QPSK			28.24	28.14	0.652	96543	96M5G7W
	16QAM			27.65	27.55	0.569	96461	96M5D7W

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LTE BAND 66

Part 27	
EIRP Limit (W)	1.00
Antenna Gain (dBi)	-1.90

Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (kHz)	Emission Designator
1.4	QPSK	1710.7	1779.3	25.70	23.80	0.240	1093	1M09G7W
	16QAM			25.25	23.35	0.216	1095	1M10D7W
3.0	QPSK	1711.5	1778.5	25.70	23.80	0.240	2702	2M70G7W
	16QAM			25.30	23.40	0.219	2707	2M71D7W
5.0	QPSK	1712.5	1777.5	25.70	23.80	0.240	4510	4M51G7W
	16QAM			25.28	23.38	0.218	4505	4M51D7W
10.0	QPSK	1715.0	1775.0	25.70	23.80	0.240	8992	8M99G7W
	16QAM			25.26	23.36	0.217	8979	8M98D7W
15.0	QPSK	1717.5	1772.5	25.70	23.80	0.240	13440	13M4G7W
	16QAM			25.32	23.42	0.220	13460	13M5D7W
20.0	QPSK	1720.0	1770.0	25.70	23.80	0.240	17940	17M9G7W
	16QAM			25.49	23.59	0.229	17920	17M9D7W

5G NR n66

Part 27	
EIRP Limit (W)	1.00
Antenna Gain (dBi)	-1.90

Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (kHz)	Emission Designator
5.0	BPSK	1712.5	1777.5	25.70	23.80	0.240	4484	4M48G7W
	QPSK			25.70	23.80	0.240	4484	4M48G7W
	16QAM			25.44	23.54	0.226	4486	4M49D7W
10.0	BPSK	1715.0	1775.0	25.70	23.80	0.240	8949	8M95G7W
	QPSK			25.70	23.80	0.240	8951	8M95G7W
	16QAM			25.43	23.53	0.225	8965	8M97D7W
15.0	BPSK	1717.5	1772.5	25.70	23.80	0.240	13435	13M4G7W
	QPSK			25.70	23.80	0.240	13427	13M4G7W
	16QAM			25.58	23.68	0.233	13449	13M4D7W
20.0	BPSK	1720.0	1770.0	25.70	23.80	0.240	17914	17M9G7W
	QPSK			25.70	23.80	0.240	17886	17M9G7W
	16QAM			25.34	23.44	0.221	17896	17M9D7W
25.0	BPSK	1722.5	1767.5	25.70	23.80	0.240	22947	22M9G7W
	QPSK			25.70	23.80	0.240	22940	22M9G7W
	16QAM			25.53	23.63	0.231	22959	23M0D7W
30.0	BPSK	1725.0	1765.0	25.70	23.80	0.240	28687	28M7G7W
	QPSK			25.69	23.79	0.239	28737	28M7G7W
	16QAM			25.49	23.59	0.229	28760	28M8D7W
35.0	BPSK	1727.5	1767.5	25.70	23.80	0.240	32191	32M2G7W
	QPSK			25.70	23.80	0.240	32200	32M2G7W
	16QAM			25.68	23.78	0.239	32271	32M3D7W
40.0	BPSK	1730.0	1760.0	25.70	23.80	0.240	38634	38M6G7W
	QPSK			25.69	23.79	0.239	38652	38M7G7W
	16QAM			25.55	23.65	0.232	38621	38M6D7W

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5G NR n70

Part 27	
EIRP Limit (W)	1.00
Antenna Gain (dBi)	-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	BPSK	1697.5	1707.5	25.68	21.68	0.147	4473	4M47G7W
	QPSK			25.70	21.70	0.148	4485	4M49G7W
	16QAM			25.34	21.34	0.136	4484	4M48D7W
10.0	BPSK	1700.0	1705.0	25.70	21.70	0.148	9010	9M01G7W
	QPSK			25.70	21.70	0.148	8964	8M96G7W
	16QAM			25.59	21.59	0.144	8960	8M96D7W
15.0	BPSK	1702.5	1702.5	25.67	21.67	0.147	13452	13M5G7W
	QPSK			25.66	21.66	0.147	13431	13M4G7W
	16QAM			25.26	21.26	0.134	13484	13M5D7W

LTE BAND 71

Part 27	
ERP Limit (W)	3.00
Antenna Gain (dBi)	-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	665.5	695.5	25.70	18.65	0.073	4499	4M50G7W
	16QAM			25.51	18.46	0.070	4513	4M51D7W
10.0	QPSK	668.0	693.0	25.70	18.65	0.073	8963	8M96G7W
	16QAM			25.53	18.48	0.070	8962	8M96D7W
15.0	QPSK	670.5	690.5	25.70	18.65	0.073	13430	13M4G7W
	16QAM			25.44	18.39	0.069	13420	13M4D7W
20.0	QPSK	673.0	688.0	25.70	18.65	0.073	17880	17M9G7W
	16QAM			25.31	18.26	0.067	17860	17M9D7W

5G NR n71

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	BPSK	665.5	695.5	25.70	18.65	0.073	4483	4M48G7W
	QPSK			25.70	18.65	0.073	4477	4M48G7W
	16QAM			25.68	18.63	0.073	4476	4M48D7W
10.0	BPSK	668.0	693.0	25.70	18.65	0.073	8951	8M95G7W
	QPSK			25.67	18.62	0.073	8973	8M97G7W
	16QAM			25.47	18.42	0.070	8968	8M97D7W
15.0	BPSK	670.5	690.5	25.70	18.65	0.073	13392	13M4D7W
	QPSK			25.65	18.60	0.072	13426	13M4D7W
	16QAM			25.50	18.45	0.070	13430	13M4D7W
20.0	BPSK	673.0	688.0	25.70	18.65	0.073	17850	17M9G7W
	QPSK			25.70	18.65	0.073	17859	17M9G7W
	16QAM			25.26	18.21	0.066	17846	17M8D7W

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

Part 27	
EIRP Limit (W)	1.00
Antenna Gain (dBi)	-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
10.0	BPSK	3455.0	3545.0	28.70	27.10	0.513	8609	8M61G7W
	QPSK			28.68	27.08	0.511	8624	8M62G7W
	16QAM			28.18	26.58	0.455	8629	8M63D7W
15.0	BPSK	3457.5	3542.5	28.70	27.10	0.513	12879	12M9G7W
	QPSK			28.68	27.08	0.511	12945	12M9G7W
	16QAM			28.10	26.50	0.447	12971	13M0D7W
20.0	BPSK	3460.0	3540.0	28.70	27.10	0.513	17882	17M9G7W
	QPSK			28.68	27.08	0.511	17887	17M9G7W
	16QAM			28.26	26.66	0.463	17898	17M9D7W
30.0	BPSK	3465.0	3535.0	28.70	27.10	0.513	26803	26M8G7W
	QPSK			28.70	27.10	0.513	26894	26M9G7W
	16QAM			28.18	26.58	0.455	26876	26M9D7W
40.0	BPSK	3470.0	3530.0	28.70	27.10	0.513	35807	35M8G7W
	QPSK			28.70	27.10	0.513	35914	35M9G7W
	16QAM			27.91	26.31	0.428	35750	35M8D7W
50.0	BPSK	3475.0	3525.0	28.70	27.10	0.513	45889	45M9G7W
	QPSK			28.68	27.08	0.511	45743	45M7G7W
	16QAM			28.25	26.65	0.462	45740	45M7D7W
60.0	BPSK	3480.0	3520.0	28.70	27.10	0.513	57790	57M8G7W
	QPSK			28.68	27.08	0.511	57947	57M9G7W
	16QAM			27.99	26.39	0.436	57853	57M9D7W
70.0	BPSK	3485.0	3515.0	28.70	27.10	0.513	64376	64M4G7W
	QPSK			28.68	27.08	0.511	64573	64M6G7W
	16QAM			28.19	26.59	0.456	64322	64M3D7W
80.0	BPSK	3490.0	3510.0	28.70	27.10	0.513	77338	77M3G7W
	QPSK			28.68	27.08	0.511	77244	77M2G7W
	16QAM			27.91	26.31	0.428	77112	77M1D7W
90.0	BPSK	3495.0	3505.0	28.70	27.10	0.513	86764	86M8G7W
	QPSK			28.67	27.07	0.509	86792	86M8G7W
	16QAM			28.59	26.99	0.500	86513	86M5D7W
100.0	BPSK	3500.0	3500.0	28.70	27.10	0.513	96439	96M4G7W
	QPSK			28.63	27.03	0.505	96357	96M4G7W
	16QAM			28.14	26.54	0.451	96271	96M3D7W

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

Part 27	
EIRP Limit (W)	1.00
Antenna Gain (dBi)	-2.00

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	3705.0	3975.0	28.70	26.70	0.468	8591	8M59G7W
	QPSK			28.68	26.68	0.466	8595	8M60G7W
	16QAM			28.18	26.18	0.415	8647	8M65D7W
15.0	BPSK	3707.5	3972.5	28.70	26.70	0.468	12882	12M9G7W
	QPSK			28.69	26.69	0.467	12891	12M9G7W
	16QAM			27.95	25.95	0.394	12893	12M9D7W
20.0	BPSK	3710.0	3970.0	28.70	26.70	0.468	17865	17M9G7W
	QPSK			28.70	26.70	0.468	17874	17M9G7W
	16QAM			28.13	26.13	0.410	17888	17M9D7W
30.0	BPSK	3715.0	3965.0	28.70	26.70	0.468	26845	26M8G7W
	QPSK			28.69	26.69	0.467	26836	26M8G7W
	16QAM			27.90	25.90	0.389	26827	26M8D7W
40.0	BPSK	3720.0	3960.0	28.70	26.70	0.468	35722	35M7G7W
	QPSK			28.69	26.69	0.467	35656	35M7G7W
	16QAM			27.92	25.92	0.391	35748	35M7D7W
50.0	BPSK	3725.0	3955.0	28.70	26.70	0.468	45853	45M9G7W
	QPSK			28.68	26.68	0.466	45720	45M7G7W
	16QAM			27.64	25.64	0.366	45633	45M6D7W
60.0	BPSK	3730.0	3950.0	28.70	26.70	0.468	57868	57M9G7W
	QPSK			28.68	26.68	0.466	57969	58M0G7W
	16QAM			27.85	25.85	0.385	57755	57M8D7W
70.0	BPSK	3735.0	3945.0	28.70	26.70	0.468	64391	64M4G7W
	QPSK			28.66	26.66	0.463	64322	64M3G7W
	16QAM			28.22	26.22	0.419	64333	64M3D7W
80.0	BPSK	3740.0	3940.0	28.70	26.70	0.468	77127	77M1G7W
	QPSK			28.51	26.51	0.448	77076	77M1G7W
	16QAM			27.83	25.83	0.383	77336	77M3D7W
90.0	BPSK	3745.0	3935.0	28.70	26.70	0.468	86739	86M7G7W
	QPSK			28.61	26.61	0.458	86795	86M8G7W
	16QAM			28.17	26.17	0.414	86626	86M6D7W
100.0	BPSK	3750.0	3930.0	28.70	26.70	0.468	96349	96M3G7W
	QPSK			28.68	26.68	0.466	96416	96M4G7W
	16QAM			28.22	26.22	0.419	96276	96M3D7W

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6.3. SOFTWARE AND FIRMWARE

The EUT firmware installed during testing was version 0.02.01.

6.4. MAXIMUM ANTENNA GAIN

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

LTE Bands	Frequency Range (MHz)	ANT 1 Gain (dBi)	ANT 2 Gain (dBi)	ANT 3 Gain (dBi)	ANT 4 Gain (dBi)	ANT 7 Gain (dBi)	ANT 8 Gain (dBi)	ANT 9 Gain (dBi)
LTE Band 5, 5G NR n5	824 – 849	-5.2	-6.3					
LTE Band 7, 5G NR n7	2500 – 2570	-3.4	0.5	-2.0	-1.3			
LTE Band 12, 5G NR n12	699 – 716	-4.8	-6.7					
LTE Band 13	777 – 787	-5.2	-6.8					
LTE Band 14, 5G NR n14	788 – 798	-5.2	-6.8					
LTE Band 17	704 – 716	-4.8	-6.7					
LTE Band 25, 5G NR n25	1850 – 1915	-4.1	-4.6	-2.8	-1.2			
LTE Band 26, 5G NR n26	814 – 849	-5.2	-6.3					
LTE Band 30, 5G NR n30	2305 – 2315	-4.2	1.1	-1.9	0.0			
LTE Band 41, 5G NR n41	2496 – 2690	-3.9	-0.1	-1.3	-1.8			
LTE Band 66, 5G NR n66	1710 – 1780	-3.7	-4.6	-1.9	-2.3			
5G NR n70	1695 – 1710	-4.0	-4.6	-5.5	-7.0			
LTE Band 71, 5G NR n71	663 – 698	-4.9	-6.3					
5G NR n77 (FCC)	3450 – 3550				-7.2	-1.6	-6.3	-4.0
5G NR n77 (FCC)	3700 – 3850				-5.7	-2.0	-5.5	-4.2

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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 53, 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 n53, 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 of LTE Band 5 and 5G NR n5(824-849MHz) is 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.

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LTE and 5G NR Bands	Worst case Antenna Port for Conducted Power
LTE BAND 26 and 5G NR n5	Ant 1
LTE BAND 7 and 5G NR n7	
LTE BAND 12 and 5G NR n12	
LTE BAND 13	
LTE BAND 14 and 5G NR n14	
LTE Band 17	
LTE BAND 25 and 5G NR n25	
LTE BAND 30 and 5G NR n30	
LTE BAND 41	
LTE BAND 66 and 5G NR n66	
LTE BAND 71 and 5G NR n71	
5G NR n41	Ant 2
5G NR n77 and 5G NR n78	Ant 7

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

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

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

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

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6.6. DESCRIPTION OF TEST SETUP

SUPPORT TEST EQUIPMENT				
Description	**Manufacturer**	**Model**	**Serial Number**	**FCC ID/ DoC**
Laptop	Apple	MacBook Pro	HRP082673	BCGA1708
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

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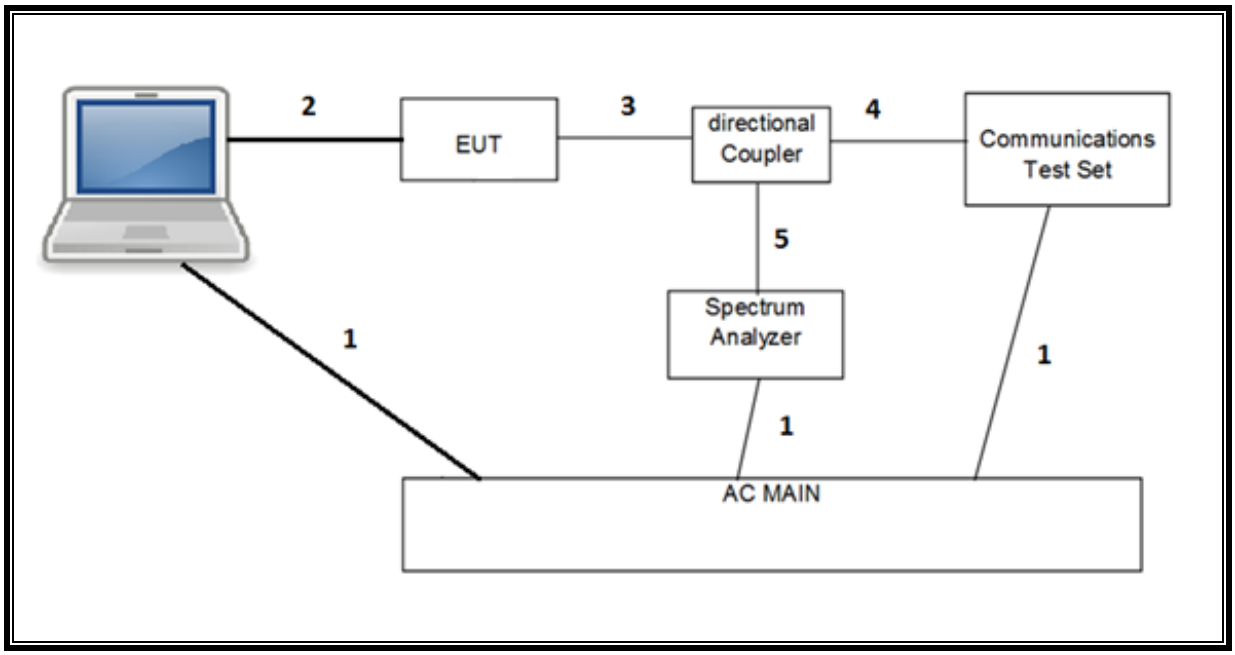
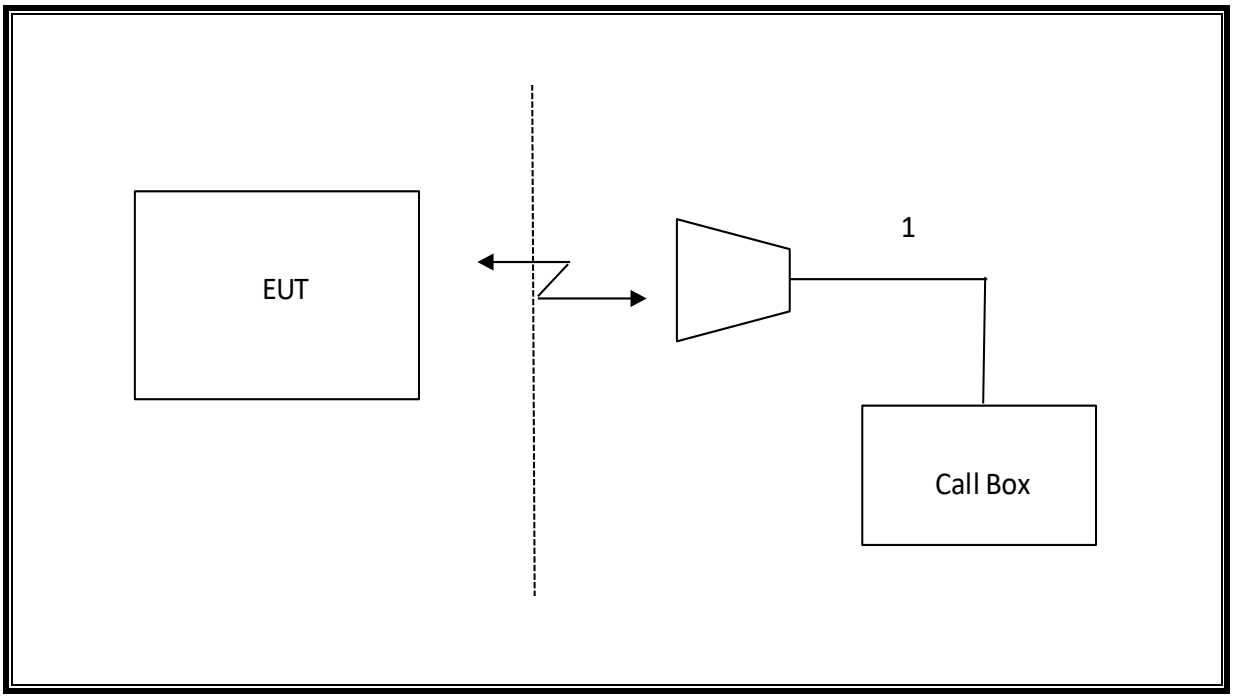
CONDUCTED SETUP



RADIATED SETUP



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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	80430	2024-08-31
Antenna, Horn 1-18GHz	ETS Lindgren	3117	79834	2024-06-30
Antenna, Broadband Hybrid, 30MHz to 3000MHz	SUNAR	JB3	222009	2024-10-31
RF Filter Box, 1-18GHz	UL-FR1	NA	217255	2024-10-31
RF Filter Box, 1-18GHz	UL-FR1	RATS 2	226781	2024-09-30
Amplifier, 10KHz to 1GHz, 32dB	Sonoma	310N	430250	2024-09-30
EMI TEST RECEIVER	Rohde & Schwarz	ESW44	169936	2025-02-28
EMI TEST RECEIVER	Rohde & Schwarz	ESW44	169935	2025-02-28
Wideband Communication Test Set, Call Box	R&S GmbH & Co. KG	CMW500	85943	2025-02-28
Directional Coupler	KRYTAR	152610	198816	2024-10-31
Directional Coupler	KRYTAR	152610	231664	2025-01-22
Power Meter, P-series single channel	Keysight	N1912A	90719	2025-01-31
Power Sensor, P - series, 50MHz to 18GHz, Wideband	Keysight	N1921A	81319	2025-01-31
Filter, HPF 1.2GHz	Wainwright Instruments GmbH	WHKX6-948-1.2/15G-40ST	99	2024-10-31
Spectrum Analyzer, PXA, 2Hz to 44GHz	Keysight	N9030B	231739	2025-01-31
Spectrum Analyzer, PXA, 2Hz to 44GHz	Keysight	N9030B	245120	2025-02-28
Spectrum Analyzer, PXA, 3Hz to 44GHz	Keysight	N9030A	85212	2025-02-28
Wideband Communication Test Set, Call Box	R&S GmbH & Co. KG	CMW500	222793	2025-02-28
Wideband Communication Test Set, Call Box	R&S GmbH & Co. KG	CMW500	222797	2025-02-28
Chamber, Environmental	Thermotron Corp.	SM-16C Mini-Max	179936	2024-06-30
Transmitting Antenna, Horn Antenna	TEKBOX Digital Solutions	TBMA4	226709	C.N.R.
Antenna, Horn 18 to 26.5GHz	A.R.A.	MWH-1826/B	199659	2024-12-31
*Amplifier 18-26.5GHz, +5Vdc, -54dBm P1dB	AMPLICAL	AMP18G26.5-60	234683	2024-03-29
DC Power Supply	GWINSTEK	GPS18500	N/A	C.N.R.
Antenna, Passive Loop 30Hz - 1MHz	ELECTRO-METRICS	EM-6871	170014	2024-08-31
Antenna, Passive Loop 100KHz - 30MHz	ELECTRO-METRICS	EM-6872	170016	2024-08-31
UL AUTOMATION SOFTWARE				
CLT Software	UL	UL RF	V2023.11.21.0	
Power Measurement Software	UL	UL RF	V2023.08.14.0	
Radiated test software	UL	UL RF	Ver 9.5 2023-05-01	

NOTES:

1. * Testing is completed before equipment expiration date.

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8. RF OUTPUT POWER MEASUREMENTS

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:

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8.1. LTE BAND 7 AND 5G NR n7

LTE BAND 7

Test Engineer ID:	39004	Test Date:	2024-02-08

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	25.50	25.32	25.39	22.65	23.54	23.57	24.18	25.22	25.22	22.50	22.60	22.57
		1	12	**25.70**	**25.70**	**25.70**	23.69	**23.70**	**23.70**	25.15	**25.30**	**25.30**	22.69	**22.70**	**22.70**
		1	24	25.46	25.34	25.41	**23.70**	23.59	23.23	**25.30**	25.23	25.21	**22.70**	22.56	22.60
		12	0	25.52	25.38	25.44	22.75	22.66	22.61	24.31	24.27	24.25	21.71	21.70	21.69
		12	6	**25.55**	25.43	25.48	22.82	22.73	22.69	24.36	24.33	24.30	21.77	21.74	21.73
		12	11	**25.55**	25.40	25.44	22.80	22.60	22.69	24.33	24.23	24.27	21.78	21.61	21.69
		25	0	25.53	25.37	25.43	22.78	22.59	22.61	24.32	24.21	24.27	21.78	21.71	21.69
	16QAM	1	0	25.67	25.64	25.59	22.67	22.80	22.84	24.38	24.35	24.42	21.80	21.72	21.84
		1	12	**25.69**	25.50	25.50	**22.95**	22.91	22.66	24.47	24.43	**24.50**	**22.01**	21.91	21.88
		1	24	25.50	25.58	25.64	22.91	22.80	22.29	24.45	24.35	24.45	21.88	21.71	21.76
		12	0	24.63	24.46	24.38	21.84	21.68	21.63	23.32	23.33	23.25	20.73	20.72	20.70
		12	6	24.67	24.52	24.41	21.90	21.71	21.70	23.35	23.38	23.30	20.79	20.77	20.76
		12	11	24.63	24.49	24.38	21.86	21.60	21.65	23.30	23.27	23.28	20.79	20.71	20.79
		25	0	24.55	24.38	24.45	21.83	21.62	21.68	23.30	23.19	23.29	20.77	20.69	20.70
	64QAM	1	0	24.74	24.70	24.70	21.34	21.90	21.84	24.44	24.12	24.02	20.82	20.97	20.92
		1	12	**24.90**	24.66	24.72	21.58	**21.98**	21.93	24.63	24.10	24.02	21.08	**21.09**	21.00
		1	24	24.75	24.63	24.77	21.73	21.92	21.89	**24.65**	24.04	24.04	20.94	20.96	20.97
		12	0	23.44	23.37	23.49	20.84	20.74	20.75	22.83	22.95	22.95	19.72	19.71	19.77
		12	6	23.49	23.42	23.54	20.88	20.80	20.79	22.93	22.99	23.01	19.79	19.73	19.68
		12	11	23.44	23.39	23.50	20.87	20.70	20.74	22.91	22.92	22.98	19.82	19.61	19.64
		25	0	23.52	23.38	23.44	20.76	20.56	20.67	22.87	22.93	22.96	19.75	19.70	19.69
	256QAM	1	0	21.65	21.53	21.58	18.76	18.80	18.69	20.80	21.05	21.10	17.70	17.75	17.70
		1	12	**21.78**	21.55	21.71	**18.90**	18.86	18.82	20.99	21.06	**21.25**	**17.85**	17.84	**17.85**
		1	24	21.62	21.51	21.54	18.82	18.70	18.66	20.97	21.03	21.16	**17.85**	17.79	17.69
		12	0	21.52	21.39	21.43	18.77	18.62	18.61	20.77	20.96	20.92	17.69	17.66	17.66
		12	6	21.57	21.43	21.50	18.78	18.66	18.65	20.86	20.95	20.99	17.78	17.73	17.74
		12	11	21.54	21.40	21.47	18.75	18.53	18.65	20.92	20.94	20.98	17.79	17.62	17.72
		25	0	21.52	21.38	21.49	18.74	18.54	18.64	20.86	20.93	20.93	17.72	17.71	17.68

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	25.53	25.48	25.50	23.48	23.69	23.61	25.26	25.24	25.28	22.51	**22.70**	**22.70**
		1	24	**25.70**	**25.70**	**25.70**	**23.70**	**23.70**	**23.70**	**25.30**	**25.30**	**25.30**	**22.70**	22.68	22.68
		1	49	25.51	25.46	25.43	23.69	23.69	23.38	25.28	25.26	25.26	22.68	22.63	22.67
		25	0	25.57	25.46	25.51	22.78	22.76	22.75	24.34	24.30	24.34	21.73	21.75	21.77
		25	12	**25.61**	25.56	25.53	22.73	22.71	22.75	24.38	24.24	24.37	21.71	21.77	21.79
		25	24	25.58	25.45	25.50	22.70	22.70	22.74	24.29	24.24	24.27	21.72	21.66	21.71
		50	0	25.58	25.45	25.50	22.70	22.69	22.73	24.26	24.22	24.33	21.69	21.73	21.76
	16QAM	1	0	25.67	**25.68**	25.55	22.60	22.84	22.89	24.49	24.43	**24.51**	21.78	**21.94**	21.87
		1	24	25.45	25.60	25.66	22.87	22.86	**22.91**	**24.51**	24.40	24.49	21.92	21.89	21.86
		1	49	25.67	25.64	25.62	22.85	22.83	22.47	24.47	24.45	24.48	21.86	21.81	21.88
		25	0	24.59	24.46	24.52	21.80	21.77	21.76	23.37	23.32	23.36	20.77	20.79	20.84
		25	12	24.61	24.56	24.53	21.75	21.79	21.76	23.37	23.28	23.38	20.74	20.79	20.84
		25	24	24.60	24.47	24.54	21.73	21.75	21.79	23.29	23.25	23.30	20.76	20.71	20.72
		50	0	24.58	24.46	24.53	21.75	21.71	21.75	23.25	23.24	23.35	20.72	20.71	20.79
	64QAM	1	0	24.86	**24.89**	24.81	21.99	22.03	22.01	24.16	24.02	24.12	20.70	20.85	20.87
		1	24	24.80	24.79	24.85	22.01	22.06	22.02	24.25	24.04	24.24	20.81	20.85	20.86
		1	49	24.84	24.77	24.82	**22.08**	21.93	22.03	**24.36**	23.99	24.22	20.87	**20.90**	20.83
		25	0	23.60	23.46	23.53	20.81	20.80	20.77	22.96	22.96	22.95	19.76	19.78	19.79
		25	12	23.60	23.58	23.56	20.76	20.74	20.79	22.97	22.96	22.99	19.71	19.78	19.80
		25	24	23.61	23.47	23.53	20.74	20.73	20.78	23.01	22.93	23.01	19.72	19.69	19.71
		50	0	23.59	23.51	23.53	20.67	20.69	20.76	22.94	22.94	22.96	19.69	19.73	19.76
	256QAM	1	0	21.56	21.47	21.57	18.80	18.85	18.80	20.95	21.01	21.00	17.64	17.80	17.76
		1	24	**21.59**	21.58	21.56	18.88	**18.97**	18.85	21.18	21.17	**21.24**	17.85	17.80	**17.94**
		1	49	21.48	21.46	21.44	18.82	18.84	18.82	21.08	21.13	21.09	17.82	17.72	17.66
		25	0	21.55	21.47	21.50	18.72	18.72	18.72	20.90	20.98	20.91	17.69	17.73	17.73
		25	12	21.58	21.56	21.52	18.69	18.70	18.77	20.95	20.97	20.94	17.70	17.75	17.78
		25	24	21.56	21.45	21.50	18.68	18.70	18.76	21.02	20.94	21.01	17.70	17.64	17.68
		50	0	21.56	21.44	21.50	18.68	18.66	18.72	20.91	20.96	20.92	17.69	17.73	17.77

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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	25.39	25.41	25.47	23.65	23.64	23.62	25.22	25.26	25.22	22.52	**22.70**	22.67
		1	37	25.42	**25.70**	25.51	**23.70**	**23.70**	**23.70**	**25.30**	**25.30**	**25.30**	**22.70**	22.63	**22.70**
		1	74	**25.70**	25.41	25.43	23.68	23.66	23.48	25.23	25.26	25.20	22.65	22.57	22.67
		36	0	25.46	25.39	**25.70**	22.79	22.75	22.75	24.33	24.36	24.32	21.77	21.73	21.78
		36	16	25.47	25.41	**25.57**	22.82	22.78	22.76	24.27	24.29	24.34	21.74	21.75	21.79
		36	35	25.47	25.36	25.55	22.74	22.72	22.77	24.23	24.29	24.23	21.75	21.64	21.71
		75	0	25.48	25.38	25.56	22.74	22.68	22.78	24.22	24.28	24.32	21.73	21.74	21.79
	16QAM	1	0	**25.69**	25.62	25.45	22.92	22.95	22.86	24.51	24.46	24.35	21.77	21.88	21.86
		1	37	25.40	25.30	25.64	**23.02**	23.01	22.92	**24.55**	24.47	24.36	**21.97**	21.83	21.95
		1	74	25.67	25.56	25.59	22.93	22.92	22.77	24.45	24.33	24.31	21.81	21.70	21.87
		36	0	24.49	24.42	24.59	21.83	21.78	21.79	23.32	23.38	23.34	20.79	20.77	20.80
		36	16	24.52	24.43	24.60	21.84	21.82	21.81	23.26	23.30	23.35	20.75	20.77	20.82
		36	35	24.49	24.40	24.58	21.77	21.72	21.81	23.23	23.30	23.25	20.73	20.69	20.72
		75	0	24.50	24.43	24.60	21.75	21.71	21.82	23.26	23.30	23.35	20.72	20.75	20.79
	64QAM	1	0	24.75	24.69	24.82	22.02	21.94	21.98	23.99	24.18	24.05	20.72	**20.92**	20.90
		1	37	24.72	24.78	**24.88**	**22.07**	22.05	22.01	24.27	24.18	24.07	20.88	20.83	20.91
		1	74	24.71	24.66	24.71	22.02	21.96	22.02	**24.36**	24.11	24.06	20.82	20.71	20.88
		36	0	23.47	23.42	23.58	20.82	20.76	20.78	22.95	23.03	22.89	19.74	19.72	19.78
		36	16	23.51	23.43	23.59	20.85	20.78	20.81	23.05	23.03	22.96	19.74	19.74	19.79
		36	35	23.47	23.40	23.58	20.74	20.71	20.82	22.99	23.00	22.95	19.72	19.66	19.69
		75	0	23.51	23.42	23.61	20.77	20.70	20.81	22.97	23.04	22.97	19.74	19.75	19.78
	256QAM	1	0	21.57	21.49	21.56	18.85	18.86	18.79	20.91	21.18	20.93	17.74	17.85	17.80
		1	37	21.54	21.61	21.61	18.81	18.84	18.81	21.17	21.16	21.04	**17.86**	17.75	17.81
		1	74	**21.64**	21.60	21.54	**18.92**	18.84	18.82	21.21	**21.24**	21.09	17.77	17.69	17.83
		36	0	21.48	21.42	21.59	18.80	18.72	18.76	20.94	21.03	20.89	17.73	17.72	17.76
		36	16	21.49	21.41	21.58	18.81	18.75	18.76	21.02	21.02	20.96	17.71	17.69	17.73
		36	35	21.47	21.39	21.57	18.73	18.70	18.77	20.97	20.99	20.95	17.72	17.66	17.65
		75	0	21.50	21.39	21.57	18.73	18.66	18.78	20.92	21.02	20.99	17.71	17.76	17.78

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	25.30	25.21	25.32	23.66	23.66	**23.70**	**25.30**	**25.30**	25.27	22.49	**22.70**	**22.70**
		1	49	25.33	25.23	**25.70**	23.69	23.65	23.36	25.27	25.27	**25.30**	**22.70**	22.65	22.69
		1	99	25.28	25.15	25.22	**23.70**	**23.70**	23.09	25.27	25.25	25.27	22.59	22.58	22.64
		50	0	25.39	**25.70**	25.37	22.82	22.79	22.80	24.38	24.35	24.37	21.78	21.75	21.81
		50	24	**25.70**	25.26	25.38	22.85	22.75	22.85	24.40	24.29	24.40	21.82	21.76	21.82
		50	49	25.38	25.21	25.26	22.76	22.74	22.77	24.28	24.28	24.29	21.73	21.65	21.71
		100	0	**25.40**	25.24	25.37	22.82	22.73	22.83	24.30	24.25	24.39	21.72	21.75	21.81
	16QAM	1	0	25.50	25.39	25.53	22.90	22.80	22.92	24.53	24.40	24.40	21.69	21.92	21.79
		1	49	25.45	**25.66**	25.15	**23.06**	23.03	22.94	24.62	24.47	**24.63**	**22.10**	22.04	22.00
		1	99	25.50	25.42	25.45	22.97	22.91	22.70	24.31	24.29	24.45	21.73	21.69	21.78
		50	0	24.41	24.25	24.37	21.80	21.83	21.84	23.38	23.35	23.40	20.77	20.76	20.83
		50	24	24.42	24.25	24.38	21.87	21.76	21.87	23.39	23.29	23.42	20.83	20.75	20.83
		50	49	24.40	24.21	24.26	21.78	21.75	21.74	23.28	23.24	23.33	20.72	20.65	20.72
		100	0	24.41	24.24	24.38	21.87	21.76	21.83	23.30	23.25	23.40	20.72	20.75	20.80
	64QAM	1	0	24.56	24.40	24.57	21.94	21.98	21.87	23.94	24.06	24.09	20.76	20.97	20.91
		1	49	24.67	24.49	**24.74**	**22.10**	22.04	22.02	**24.30**	24.24	24.25	21.02	20.95	**21.06**
		1	99	24.51	24.32	24.46	21.95	21.96	21.95	24.29	24.02	24.13	20.83	20.83	20.84
		50	0	23.41	23.25	23.37	20.79	20.79	20.83	23.04	23.01	22.96	19.74	19.78	19.82
		50	24	23.42	23.24	23.37	20.82	20.75	20.86	23.04	22.99	22.98	19.81	19.80	19.82
		50	49	23.39	23.22	23.25	20.71	20.74	20.75	23.06	22.96	23.02	19.70	19.68	19.73
		100	0	23.41	23.25	23.37	20.80	20.73	20.84	23.01	22.97	22.93	19.74	19.76	19.82
	256QAM	1	0	21.41	21.33	21.47	18.84	18.85	18.89	21.03	21.09	21.06	17.62	17.83	**17.86**
		1	49	**21.54**	21.41	21.42	18.86	18.87	**18.92**	21.24	21.01	21.12	17.84	17.71	17.74
		1	99	21.51	21.29	21.35	18.86	18.90	18.88	**21.31**	21.10	21.10	17.72	17.62	17.80
		50	0	21.38	21.21	21.33	18.76	18.76	18.77	21.02	20.98	20.92	17.71	17.73	17.76
		50	24	21.42	21.21	21.36	18.78	18.72	18.82	21.02	21.00	20.95	17.78	17.72	17.77
		50	49	21.35	21.22	21.25	18.70	18.73	18.73	21.05	20.97	21.01	17.71	17.65	17.70
		100	0	21.39	21.22	21.34	18.77	18.69	18.78	21.00	20.97	20.92	17.69	17.73	17.81

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5G NR n7

Test Engineer ID:	28567	Test Date:	2024-03-21

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	25.36	25.31	25.33	23.40	23.33	23.29	24.83	24.91	25.01	22.24	22.20	22.21
		1	1	25.61	25.64	25.62	23.60	23.64	21.93	25.08	25.17	25.28	22.54	22.49	**22.59**
		1	23	**25.70**	**25.70**	25.65	23.68	**23.69**	22.82	**25.30**	**25.30**	25.23	**22.67**	**22.70**	22.52
		1	24	25.41	25.44	25.43	23.37	23.43	22.65	25.05	25.02	25.05	22.34	22.23	22.27
		12	6	25.31	25.45	25.31	23.45	23.45	23.45	24.93	25.00	25.04	22.30	22.25	22.12
		25	0	25.30	25.31	25.39	23.37	23.34	23.33	24.87	24.97	25.01	22.22	22.11	22.22
	QPSK	1	0	25.54	25.49	25.08	22.63	23.06	22.19	24.40	23.98	23.85	22.34	22.34	22.52
		1	1	25.60	25.56	25.61	23.53	**23.62**	23.31	25.09	25.02	24.80	22.42	22.33	22.57
		1	23	25.63	**25.68**	25.48	23.40	23.40	23.29	**25.30**	25.15	24.68	**22.64**	22.48	22.50
		1	24	25.44	25.30	25.10	22.80	23.07	22.13	24.26	23.91	23.41	22.29	22.14	22.33
		12	6	25.37	25.37	25.37	23.26	23.41	23.23	24.93	24.91	24.98	22.29	22.25	22.32
		25	0	24.69	24.57	24.77	22.22	22.63	22.38	24.16	24.00	24.26	22.21	22.19	22.28
	16QAM	1	0	24.61	24.44	24.23	21.70	21.94	21.43	23.86	22.62	22.96	21.60	21.34	21.78
		1	1	25.28	25.25	24.90	22.96	**23.22**	22.57	24.42	24.29	23.87	22.15	22.00	22.25
		1	23	**25.41**	25.32	25.28	23.02	23.15	22.21	**24.75**	24.22	23.65	22.00	22.25	**22.30**
		1	24	24.07	24.38	24.28	21.96	22.10	21.37	23.50	23.21	22.32	21.51	21.26	21.36
		12	6	25.08	24.78	25.27	22.62	22.85	22.81	24.28	24.31	24.62	22.19	22.29	22.29
		25	0	24.03	23.88	24.11	21.24	21.93	21.78	23.40	23.23	23.62	21.24	21.26	21.21
	64QAM	1	0	24.23	24.36	23.74	21.67	21.90	21.24	22.80	22.47	22.25	20.99	21.14	20.70
		1	1	24.41	24.42	23.82	21.40	22.08	21.37	22.85	22.56	22.30	20.85	20.87	**21.14**
		1	23	**24.57**	24.56	24.17	22.07	**22.13**	21.47	22.92	22.65	22.44	21.01	21.06	20.90
		1	24	24.34	24.25	24.06	21.74	21.97	21.09	22.70	22.70	22.05	20.96	20.64	20.64
		12	6	23.60	23.33	23.68	21.09	21.49	21.41	23.06	23.03	**23.39**	20.70	20.75	20.73
		25	0	23.47	23.31	23.68	20.80	21.45	21.33	23.03	22.87	23.25	20.87	20.75	20.79
	256QAM	1	0	22.13	22.31	22.11	19.78	20.12	19.62	21.41	21.37	21.26	19.22	18.75	19.26
		1	1	22.16	**22.34**	22.18	19.91	**20.18**	19.61	21.53	21.27	20.97	19.04	19.05	18.92
		1	23	22.19	22.19	22.22	20.18	20.17	20.04	21.62	**21.83**	21.26	**19.28**	19.06	18.96
		1	24	21.81	22.09	21.84	19.67	20.08	19.91	21.40	21.43	20.88	18.81	18.91	18.70
		12	6	21.80	21.64	21.79	19.17	19.75	19.73	21.38	21.48	21.39	18.70	18.74	18.61
		25	0	21.85	21.98	21.93	19.38	19.85	19.63	21.39	21.30	21.41	18.79	18.85	18.70

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	25.28	25.11	25.21	23.35	23.08	23.29	24.55	24.67	24.65	22.09	22.16	22.26
		1	1	**25.70**	25.49	25.49	23.69	23.44	23.60	24.92	25.17	25.20	22.44	**22.70**	22.56
		1	50	25.60	25.54	**25.70**	23.66	**23.70**	**23.70**	25.22	**25.30**	**25.30**	22.63	22.69	22.61
		1	51	25.26	25.25	25.30	23.26	23.25	23.33	24.84	24.91	24.69	22.28	22.29	22.35
		25	12	25.22	25.15	25.21	23.21	23.15	23.25	24.81	24.82	24.83	22.18	22.17	22.23
		50	0	25.29	25.19	25.27	23.24	23.25	23.09	24.80	24.85	24.90	22.19	22.22	22.26
	QPSK	1	0	25.21	25.16	24.45	22.09	22.44	21.77	23.85	23.52	22.87	21.96	22.18	22.22
		1	1	25.63	25.45	25.57	**23.62**	23.45	23.24	24.93	24.87	24.35	22.34	22.51	22.59
		1	50	25.60	**25.70**	25.59	23.60	23.59	23.51	**25.30**	25.28	24.57	22.65	22.57	**22.70**
		1	51	25.24	25.24	24.99	22.73	22.95	22.19	23.97	23.91	23.34	22.35	22.22	22.28
		25	12	25.29	25.19	25.09	23.19	23.21	23.29	24.79	24.77	24.86	22.12	22.17	22.35
		50	0	24.59	24.26	24.35	22.19	22.27	22.04	24.00	23.76	23.98	22.17	22.20	22.33
	16QAM	1	0	24.21	23.83	23.81	21.20	21.79	21.18	23.12	22.50	22.15	20.97	21.31	21.28
		1	1	25.12	**25.41**	24.80	22.17	22.69	22.36	24.32	24.02	23.49	22.31	**22.43**	22.23
		1	50	25.26	25.36	25.40	23.23	**23.29**	22.37	**24.52**	24.49	23.59	22.41	22.12	22.34
		1	51	24.15	24.28	24.22	21.81	21.91	21.21	23.13	22.83	22.45	21.51	21.30	21.25
		25	12	25.00	24.74	24.77	22.81	22.59	22.65	24.45	24.14	24.46	22.19	22.20	22.28
		50	0	23.91	23.59	23.63	21.61	21.65	21.48	23.34	23.03	23.39	21.27	21.27	21.26
	64QAM	1	0	24.00	23.98	23.47	20.96	21.27	20.61	22.59	21.88	21.69	20.61	20.72	20.47
		1	1	**24.43**	24.20	23.63	21.43	21.60	21.07	23.03	22.70	22.12	20.95	20.95	**21.17**
		1	50	24.33	24.36	24.26	**22.27**	22.20	21.67	22.94	22.89	22.58	21.12	21.06	20.97
		1	51	24.05	23.94	23.67	21.66	21.97	21.53	22.49	22.67	22.03	20.73	20.91	20.82
		25	12	23.55	23.21	23.18	21.36	21.34	21.24	22.97	22.67	**23.24**	20.73	20.71	20.70
		50	0	23.46	23.04	23.21	21.18	21.11	21.04	22.91	22.56	22.92	20.73	20.73	20.73
	256QAM	1	0	21.94	21.69	21.65	19.45	19.71	19.28	20.94	21.17	20.19	18.61	18.88	18.68
		1	1	22.23	21.96	22.06	19.91	20.17	19.51	21.37	21.42	20.60	18.96	19.24	19.11
		1	50	**22.24**	22.06	**22.24**	20.05	20.14	**20.40**	**21.68**	21.57	21.33	19.21	**19.48**	19.35
		1	51	21.85	21.83	21.96	19.92	20.12	19.97	21.49	21.06	20.91	18.87	18.80	18.83
		25	12	21.84	21.62	21.74	19.76	19.72	19.85	21.24	21.13	21.37	18.81	18.80	18.79
		50	0	21.87	21.42	21.45	19.74	19.76	19.63	21.25	20.94	21.33	18.72	18.76	18.72

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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	25.35	25.02	25.19	23.30	23.25	23.24	24.55	24.82	24.62	22.03	22.35	22.27
		1	1	**25.69**	25.35	25.66	**23.70**	23.63	23.69	24.95	25.10	25.15	22.57	22.64	22.57
		1	77	25.57	25.32	25.64	23.58	23.68	23.68	**25.30**	**25.30**	**25.30**	**22.70**	22.55	22.51
		1	78	25.21	25.35	25.35	23.21	23.33	23.35	24.86	24.93	24.59	22.27	22.27	22.35
		36	18	25.12	24.89	25.19	23.16	23.17	23.17	24.70	24.73	24.79	22.23	22.24	22.01
		75	0	25.18	24.97	25.28	22.91	23.20	23.04	24.78	24.79	24.88	22.20	22.27	22.06
	QPSK	1	0	24.98	24.93	24.91	22.00	22.39	21.86	23.67	23.66	23.08	21.34	22.22	21.39
		1	1	**25.70**	25.32	25.67	23.34	**23.70**	23.07	24.99	24.94	24.44	22.53	22.65	22.39
		1	77	25.47	25.38	25.53	23.61	23.57	23.24	**25.10**	**25.10**	24.63	**22.69**	22.64	22.43
		1	78	25.14	25.03	24.83	22.80	23.00	22.02	24.36	24.07	23.20	22.32	22.17	21.37
		36	18	25.15	24.91	24.70	23.22	23.07	22.57	24.77	24.50	24.86	22.26	22.32	22.00
		75	0	24.43	24.25	24.06	22.01	22.29	21.69	24.00	23.66	23.69	22.12	22.06	21.85
	16QAM	1	0	24.14	23.76	23.69	21.13	21.56	21.22	22.67	22.68	21.90	20.18	21.53	20.64
		1	1	24.75	24.91	24.81	22.56	22.90	22.45	24.13	24.10	23.83	21.45	22.00	21.43
		1	77	25.14	**25.25**	24.94	23.28	**23.35**	22.77	**24.75**	24.46	23.86	21.67	**22.03**	21.22
		1	78	24.12	23.87	23.82	21.67	22.14	21.27	23.64	23.19	22.19	20.77	20.96	20.31
		36	18	24.87	24.16	24.03	22.60	22.55	21.93	24.37	23.94	23.97	21.40	21.70	21.64
		75	0	23.72	23.33	23.39	21.44	21.47	21.02	23.38	22.94	22.92	20.91	20.92	20.67
	64QAM	1	0	23.94	23.79	23.93	20.79	21.20	20.66	22.71	22.21	21.63	19.64	20.78	19.93
		1	1	24.26	24.26	24.21	21.37	21.53	21.19	22.54	22.48	21.68	20.25	21.00	20.20
		1	77	24.18	24.14	**24.28**	**22.09**	22.01	21.41	**23.17**	22.83	22.28	**21.39**	21.11	20.49
		1	78	23.98	23.91	23.88	21.57	21.68	20.96	22.92	22.46	21.80	20.48	20.58	19.94
		36	18	23.42	22.82	22.81	21.44	21.03	20.68	23.05	22.50	22.58	20.80	20.81	20.54
		75	0	23.29	22.80	22.95	21.02	20.94	20.57	22.85	22.54	22.44	20.78	20.80	20.49
	256QAM	1	0	21.78	21.57	21.96	19.26	20.92	19.25	20.94	21.01	20.46	18.52	18.62	18.36
		1	1	22.14	21.89	**22.35**	19.62	**21.29**	19.74	21.40	21.42	20.67	19.23	19.09	19.06
		1	77	22.29	21.74	22.23	19.97	**21.29**	20.35	21.51	**21.86**	21.16	18.98	**19.44**	19.01
		1	78	21.68	21.38	21.97	19.43	20.98	19.73	21.38	21.51	20.59	18.82	18.77	18.66
		36	18	21.64	21.34	21.20	19.66	20.96	19.11	21.26	20.80	20.95	18.77	18.74	18.42
		75	0	21.66	21.31	21.31	19.56	20.98	19.07	21.23	20.93	20.95	18.72	18.71	18.50

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	25.31	25.25	25.21	23.33	23.26	23.35	24.60	24.70	24.90	22.22	22.14	22.35
		1	1	**25.70**	25.62	25.55	**23.70**	23.67	23.52	25.06	25.08	25.22	22.58	22.52	22.34
		1	104	25.65	**25.70**	25.57	23.66	23.68	23.53	25.25	**25.30**	**25.30**	**22.63**	**22.63**	22.43
		1	105	25.24	25.34	25.24	23.26	23.27	23.27	24.95	24.80	24.57	22.35	22.20	22.02
		50	25	25.27	25.31	25.21	23.21	23.23	23.16	24.77	24.84	24.92	22.29	22.29	22.02
		100	0	22.21	25.27	25.10	22.00	23.02	22.47	24.46	24.67	24.59	22.25	22.30	22.03
	QPSK	1	0	25.06	25.06	25.35	22.04	22.37	22.27	23.91	23.82	23.53	21.34	22.35	21.98
		1	1	**25.62**	25.55	25.55	23.34	23.62	23.43	25.09	**25.20**	24.89	22.56	**22.59**	22.36
		1	104	25.45	25.62	25.56	23.49	**23.70**	23.19	25.10	25.12	24.48	**22.59**	22.54	22.49
		1	105	25.22	25.29	24.58	22.61	22.97	21.87	24.60	24.20	23.20	22.28	22.33	21.71
		50	25	25.14	25.09	24.62	23.23	23.23	22.42	24.87	24.55	24.50	22.31	22.28	22.03
		100	0	24.44	24.36	24.05	21.87	22.10	21.59	24.10	23.66	23.60	21.98	22.02	21.74
	16QAM	1	0	24.06	24.64	23.80	21.16	21.49	21.14	22.71	22.67	22.70	19.79	21.29	20.96
		1	1	24.87	25.20	24.87	22.31	22.81	22.60	24.32	24.27	24.05	21.64	22.34	22.25
		1	104	**25.26**	24.85	24.80	22.79	**23.32**	22.49	**24.86**	24.53	23.85	**22.39**	22.19	21.88
		1	105	24.26	24.43	23.73	21.83	22.52	20.92	23.95	23.18	22.25	21.50	21.08	20.67
		50	25	25.05	24.52	24.01	22.72	22.43	21.73	24.67	24.03	23.82	22.26	22.10	22.00
		100	0	23.77	23.64	23.30	21.38	21.41	20.76	23.52	22.90	22.76	21.24	21.30	20.96
	64QAM	1	0	23.83	24.29	24.22	21.38	21.78	21.42	22.58	22.86	22.39	20.10	20.97	20.80
		1	1	24.37	**24.64**	24.13	21.36	21.69	21.34	22.61	22.85	22.70	19.95	20.87	20.65
		1	104	24.19	24.37	23.96	21.99	**22.29**	21.09	**23.63**	23.02	22.25	**21.06**	20.92	20.72
		1	105	23.95	24.13	23.79	21.64	21.90	20.67	23.48	22.67	21.69	20.46	20.64	20.18
		50	25	23.59	23.15	22.57	21.58	21.18	20.13	23.28	22.42	22.40	20.68	20.83	20.48
		100	0	23.51	23.24	22.96	21.04	21.06	20.29	23.07	22.41	22.48	20.74	20.84	20.45
	256QAM	1	0	22.19	21.89	21.63	19.29	20.04	19.60	21.19	21.30	21.07	18.96	18.96	18.70
		1	1	**22.41**	22.30	21.96	19.84	19.97	19.67	21.61	21.68	21.26	19.22	19.02	18.86
		1	104	22.10	22.27	22.03	**20.17**	20.16	19.96	**21.85**	21.77	21.32	**19.23**	19.05	18.77
		1	105	21.70	21.98	21.58	19.76	19.88	19.36	21.63	21.48	20.79	18.88	18.67	18.63
		50	25	21.70	21.78	21.34	19.66	19.73	18.96	21.36	20.97	21.03	18.72	18.58	18.60
		100	0	21.76	21.65	21.45	19.44	19.46	18.97	21.33	21.07	20.88	18.72	18.60	18.55

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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	24.94	24.80	24.91	23.00	22.86	22.82	24.18	24.38	24.58	21.81	22.00	21.81
		1	1	**25.70**	25.55	25.60	23.66	23.60	**23.70**	24.86	25.16	**25.30**	22.51	22.60	22.51
		1	131	25.60	25.63	**25.70**	23.68	23.68	23.68	25.29	**25.30**	24.94	**22.70**	22.60	22.55
		1	132	24.80	24.89	24.85	22.86	23.00	22.68	24.48	24.43	23.80	22.00	21.80	21.85
		64	32	24.71	24.76	24.78	22.87	22.79	22.89	24.40	24.51	24.43	21.94	21.84	21.74
		128	0	24.70	24.64	24.72	22.87	22.78	22.60	24.41	24.48	24.42	21.91	21.80	21.73
	QPSK	1	0	24.93	25.04	24.97	22.15	22.39	22.35	23.64	23.92	23.30	21.17	22.12	21.72
		1	1	**25.58**	25.48	25.55	23.51	23.45	23.62	24.93	25.19	24.71	22.60	22.62	**22.70**
		1	131	25.50	25.45	25.40	23.67	**23.69**	22.91	**25.30**	24.72	24.07	22.66	22.65	22.29
		1	132	25.12	25.01	24.23	22.61	22.35	21.65	23.93	23.41	22.74	22.05	21.67	20.88
		64	32	25.00	25.08	24.96	23.19	23.13	22.68	24.69	24.78	24.28	22.33	22.21	22.12
		128	0	24.44	24.44	24.08	22.12	22.14	21.65	24.16	23.65	23.59	21.86	21.90	21.66
	16QAM	1	0	24.18	24.15	23.89	21.26	21.22	21.30	22.85	22.64	22.30	20.49	21.33	20.49
		1	1	25.12	25.20	25.12	22.24	**23.01**	22.60	24.06	24.47	23.94	21.48	22.46	22.09
		1	131	25.04	**25.31**	24.83	22.94	22.53	21.94	**24.55**	23.38	22.98	**22.66**	22.17	21.44
		1	132	24.38	23.98	23.20	21.62	21.84	20.68	23.11	22.12	21.77	20.80	20.58	20.35
		64	32	25.10	24.49	24.28	22.61	22.48	21.71	24.48	24.00	23.57	22.28	22.23	21.81
		128	0	23.95	23.56	23.57	21.39	21.41	21.00	23.33	22.91	22.92	21.23	21.21	21.02
	64QAM	1	0	23.80	23.82	23.96	21.16	21.04	21.62	22.01	22.47	21.97	19.58	20.60	20.05
		1	1	24.21	24.23	24.26	21.19	21.73	21.52	22.53	22.91	22.46	20.02	**21.10**	20.33
		1	131	24.31	**24.57**	23.53	21.74	**21.81**	20.89	22.94	22.36	21.66	21.02	20.47	19.71
		1	132	24.06	24.24	23.26	21.37	21.45	20.78	22.47	22.20	21.34	20.47	20.37	19.21
		64	32	23.63	22.96	22.93	21.35	21.18	20.46	**23.27**	22.50	22.29	20.77	20.63	20.18
		128	0	23.49	23.20	23.17	21.07	20.96	20.73	22.87	22.52	22.48	20.78	20.65	20.47
	256QAM	1	0	22.01	21.63	21.80	19.30	19.90	19.63	20.89	21.31	20.75	18.50	19.04	18.78
		1	1	22.26	21.93	**22.59**	19.69	**20.28**	20.05	21.19	21.48	21.02	18.91	19.22	19.32
		1	131	22.17	21.99	21.91	20.16	20.12	19.62	**21.86**	21.16	20.34	**19.45**	19.01	18.60
		1	132	21.95	21.83	21.81	19.81	20.04	19.25	21.38	20.73	20.13	18.65	18.67	18.52
		64	32	21.56	21.35	21.37	19.71	19.56	18.91	21.37	21.11	20.63	18.71	18.59	18.49
		128	0	21.60	21.50	21.69	19.38	19.39	19.16	21.32	21.05	20.82	18.71	18.61	18.52

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	25.28	25.32	25.18	23.35	23.18	23.21	24.45	24.75	24.95	22.20	22.30	22.13
		1	1	**25.70**	25.68	25.61	23.61	23.65	23.59	24.82	25.10	25.27	22.57	22.68	22.61
		1	158	25.63	**25.70**	**25.70**	23.61	**23.70**	23.62	**25.30**	**25.30**	25.15	22.52	22.62	**22.70**
		1	159	25.30	25.32	25.28	23.31	23.35	22.99	24.93	24.58	24.34	22.24	22.23	22.17
		80	40	25.23	25.25	25.28	23.22	23.30	23.16	24.65	24.86	24.91	22.19	22.12	22.23
		160	0	25.30	25.28	25.21	23.21	23.26	22.47	24.71	24.90	24.46	22.29	22.24	22.24
	QPSK	1	0	25.15	25.10	25.29	22.12	22.59	22.72	23.56	24.07	23.77	21.13	22.21	22.05
		1	1	25.61	25.58	25.64	23.52	23.52	**23.70**	24.92	25.10	**25.13**	22.55	22.60	22.64
		1	158	**25.66**	25.61	25.58	23.63	23.47	22.87	24.81	24.45	24.16	**22.70**	22.57	22.34
		1	159	25.15	25.07	24.40	22.20	22.30	21.73	23.46	23.18	22.84	21.80	21.46	20.85
		80	40	25.29	25.21	25.27	22.90	23.26	22.47	24.68	24.49	24.46	22.27	22.18	22.17
		160	0	24.88	24.56	24.19	21.94	22.10	21.55	23.98	23.76	23.44	21.71	21.90	21.69
	16QAM	1	0	24.39	24.18	24.07	21.09	21.49	21.94	22.76	23.17	22.97	19.96	21.36	21.11
		1	1	**25.16**	25.15	24.90	22.29	22.95	**23.13**	24.14	**24.86**	24.51	21.04	**22.45**	22.27
		1	158	24.93	25.04	24.91	22.58	22.64	22.22	24.05	23.46	23.52	21.88	21.71	21.39
		1	159	24.46	24.14	23.58	21.53	21.49	20.96	22.52	22.20	21.89	20.91	19.93	20.10
		80	40	24.20	24.71	24.61	22.50	22.62	21.79	24.52	23.96	23.71	22.26	22.16	22.03
		160	0	24.05	23.80	23.72	21.26	21.42	21.14	23.16	23.02	22.95	21.02	21.16	21.15
	64QAM	1	0	24.01	23.95	24.09	21.00	21.63	**22.00**	22.04	22.74	22.33	19.55	20.63	20.69
		1	1	24.33	**24.52**	**24.52**	21.17	21.95	21.85	22.52	**23.20**	22.66	19.74	**21.18**	20.95
		1	158	24.44	24.35	23.60	21.86	21.70	21.06	22.02	22.26	22.06	20.49	20.39	19.92
		1	159	23.93	24.09	23.26	21.23	21.19	20.46	22.18	21.69	21.40	20.16	19.70	19.73
		80	40	23.70	23.27	23.28	21.14	21.15	20.42	23.11	22.61	22.31	20.56	20.69	20.44
		160	0	23.55	23.37	23.20	20.78	21.00	20.79	22.67	22.52	22.46	20.63	20.70	20.66
	256QAM	1	0	22.07	21.75	22.13	19.39	19.80	20.00	20.80	21.22	20.90	18.24	18.90	18.65
		1	1	22.33	22.09	22.16	19.88	20.16	20.28	20.83	21.58	21.43	18.45	**19.33**	19.07
		1	158	**22.58**	22.41	22.07	**20.36**	20.25	19.39	**21.65**	21.21	20.61	19.26	18.99	18.69
		1	159	22.02	21.91	21.59	19.87	19.95	19.12	21.19	20.72	20.43	18.67	18.78	18.75
		80	40	21.73	21.77	21.79	19.76	19.69	19.13	21.16	21.28	20.80	18.70	18.71	18.62
		160	0	21.79	21.77	21.70	19.43	19.49	19.17	21.18	21.08	21.23	18.74	18.71	18.61

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OUTPUT POWER FOR 5G NR n7 (35.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				503500	507000	510500	503500	507000	510500	503500	507000	510500	503500	507000	510500
				2517.5	2535.0	2552.5	2517.5	2535.0	2552.5	2517.5	2535.0	2552.5	2517.5	2535.0	2552.5
35.0	BPSK	1	0	24.59	24.28	25.08	22.85	22.74	22.59	24.67	24.95	24.71	21.57	21.68	21.82
		1	1	24.91	24.60	25.46	23.66	23.52	23.40	25.03	**25.28**	25.16	22.49	22.46	**22.70**
		1	186	**25.70**	24.68	25.43	**23.70**	23.67	**23.70**	25.23	25.13	25.22	22.32	22.49	22.64
		1	187	24.70	24.39	25.35	22.96	22.73	22.62	24.94	24.70	24.71	21.80	21.59	21.81
		90	45	24.54	24.32	24.92	23.20	23.14	22.92	24.95	24.50	24.57	22.34	21.99	22.01
		180	0	24.60	24.36	24.99	22.72	22.65	22.49	24.89	24.65	24.70	21.77	21.41	21.58
	QPSK	1	0	24.74	24.48	25.10	21.90	22.15	21.99	24.20	24.31	24.45	21.14	21.28	21.31
		1	1	24.96	**25.70**	25.34	23.21	**23.70**	23.44	25.08	25.23	25.12	22.62	**22.70**	22.57
		1	186	25.13	24.81	25.44	23.57	23.52	23.51	25.26	24.95	**25.30**	22.56	22.30	22.49
		1	187	24.68	24.29	25.12	22.26	22.14	22.16	24.63	24.31	24.32	21.30	20.91	21.21
		90	45	24.44	24.39	24.92	23.17	23.24	22.91	24.95	24.66	24.67	22.35	21.88	22.09
		180	0	24.58	24.31	24.99	22.20	22.19	21.92	24.43	24.14	24.33	21.36	21.00	21.09
	16QAM	1	0	23.50	23.15	23.90	20.75	21.63	20.76	23.37	23.50	23.42	20.40	20.04	20.61
		1	1	25.10	24.80	**25.12**	22.48	22.58	**22.91**	24.69	24.66	24.68	21.62	21.41	**22.02**
		1	186	25.05	24.36	25.10	22.38	22.67	22.82	**24.88**	24.70	24.80	21.69	21.05	21.96
		1	187	23.57	23.31	24.22	21.30	21.12	21.35	23.70	23.21	23.64	20.53	20.42	20.42
		90	45	24.65	24.40	25.04	21.95	22.16	21.87	24.51	24.12	24.22	21.46	20.85	21.18
		180	0	23.66	23.31	24.01	21.00	21.15	20.97	23.51	23.25	23.32	20.39	19.90	20.18
	64QAM	1	0	23.57	23.25	23.78	20.13	**21.92**	20.65	22.87	23.03	23.07	20.00	19.70	19.88
		1	1	24.00	23.36	**24.26**	20.52	21.59	20.97	23.04	23.23	**23.45**	20.13	19.79	**20.31**
		1	186	23.85	23.61	23.17	21.29	21.05	21.12	23.32	23.07	23.35	20.22	19.94	20.13
		1	187	23.57	23.48	22.98	20.75	20.72	20.81	22.77	22.61	22.90	19.83	19.37	19.85
		90	45	23.16	22.86	23.04	20.53	20.63	20.52	23.02	22.65	22.82	19.89	19.44	19.68
		180	0	23.05	22.91	23.02	20.64	20.68	20.46	22.93	22.71	22.77	19.88	19.39	19.69
	256QAM	1	0	21.36	21.16	21.14	18.43	18.73	18.38	20.48	20.87	20.93	17.66	17.44	17.63
		1	1	**21.69**	21.25	21.45	18.67	19.04	18.90	21.09	20.90	21.15	17.91	17.89	18.09
		1	186	21.64	21.40	21.44	18.86	**19.05**	19.03	21.33	21.05	**21.47**	**18.10**	17.86	17.97
		1	187	21.55	21.06	21.13	18.53	18.76	18.56	21.12	20.54	21.04	17.93	17.65	17.71
		90	45	21.11	20.85	21.12	18.57	18.70	18.57	21.00	20.71	20.85	17.99	17.45	17.62
		180	0	21.17	20.90	21.05	18.53	18.69	18.55	21.02	20.75	20.98	17.89	17.38	17.65

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	25.18	25.14	25.02	23.35	23.25	23.19	24.27	24.67	24.84	22.28	22.28	22.29
		1	1	25.46	25.52	25.37	23.53	23.56	23.56	24.79	25.00	25.17	22.61	**22.65**	22.63
		1	214	**25.70**	**25.70**	**25.70**	23.67	**23.70**	23.67	25.09	**25.30**	25.17	22.58	22.52	22.59
		1	215	25.12	25.14	25.14	23.34	23.30	23.35	24.72	24.95	24.95	22.32	22.25	22.35
		108	54	24.99	25.10	25.00	23.07	23.14	23.17	24.54	24.70	24.85	22.24	22.11	22.18
		216	0	25.07	25.14	25.02	23.13	23.19	23.19	24.55	24.72	24.81	22.31	22.21	22.18
	QPSK	1	0	25.06	25.09	25.08	22.80	23.08	23.18	24.29	24.64	24.79	22.29	22.32	22.34
		1	1	25.59	25.32	25.47	**23.70**	23.36	23.57	24.75	24.95	**25.23**	**22.70**	22.68	22.65
		1	214	25.51	**25.60**	25.58	23.63	23.59	23.64	25.18	25.14	**25.23**	22.68	**22.70**	22.64
		1	215	25.10	24.75	25.21	23.33	22.43	22.75	24.76	24.25	24.69	22.25	21.99	22.16
		108	54	25.07	25.12	25.10	23.11	23.21	23.21	24.64	24.74	24.88	22.25	22.24	22.20
		216	0	25.16	25.11	25.08	23.17	23.27	23.06	24.66	24.77	24.83	22.27	22.20	22.23
	16QAM	1	0	24.15	24.59	24.09	21.84	22.51	22.50	23.31	23.45	23.81	21.17	21.24	21.24
		1	1	24.90	24.82	25.01	22.88	22.98	23.04	24.44	24.96	**24.97**	22.34	22.12	22.25
		1	214	25.02	24.90	25.10	**23.09**	22.76	22.72	24.85	24.64	24.59	**22.37**	22.11	22.23
		1	215	24.21	24.06	24.61	22.15	21.14	21.79	24.07	23.38	23.57	21.45	21.27	21.18
		108	54	25.06	**25.11**	25.08	22.84	22.12	22.86	24.61	24.71	24.86	22.35	22.21	22.18
		216	0	24.14	24.11	24.09	22.15	22.13	22.07	23.65	23.68	23.84	21.31	21.17	21.20
	64QAM	1	0	23.96	23.93	24.10	21.52	21.96	22.22	22.79	22.85	23.20	20.64	20.66	20.47
		1	1	**24.50**	**24.50**	24.15	21.92	22.50	22.32	23.21	23.40	23.58	20.92	21.08	**21.30**
		1	214	24.24	24.12	24.22	**22.57**	21.61	21.98	**23.60**	23.35	23.39	20.71	20.59	21.01
		1	215	24.18	23.99	23.79	22.23	21.26	21.68	23.03	22.62	22.89	20.42	20.40	20.20
		108	54	23.56	23.56	23.52	21.58	21.67	21.47	23.11	23.33	23.35	20.78	20.71	20.78
		216	0	23.62	23.60	23.56	21.70	21.64	21.60	23.17	23.27	23.30	20.81	20.73	20.73
	256QAM	1	0	21.90	21.87	21.58	19.84	19.95	19.80	21.04	21.24	21.20	18.80	18.91	18.85
		1	1	**22.39**	22.17	21.97	20.32	20.30	20.32	21.00	21.61	21.70	19.06	19.32	19.22
		1	214	22.38	22.21	22.07	**20.59**	20.16	20.18	**21.84**	21.75	21.57	19.13	**19.33**	19.07
		1	215	21.89	21.90	21.78	19.98	19.78	19.91	21.68	21.17	21.32	18.89	18.73	18.82
		108	54	21.62	21.67	21.60	19.64	19.69	19.69	21.18	21.29	21.34	18.77	18.64	18.59
		216	0	21.71	21.68	21.58	19.67	19.82	19.75	21.16	21.27	21.33	18.81	18.70	18.71

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8.2. LTE BAND 12 AND 5G NR n12

LTE BAND 12

Test Engineer ID:	39004	Test Date:	2024-02-12

OUTPUT POWER FOR LTE BAND 12 (1.4 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)					
				ANT 1			ANT 2		
				23017	23095	23173	23017	23095	23173
				699.7	707.5	715.3	699.7	707.5	715.3
1.4	QPSK	1	0	**25.70**	25.66	25.66	25.14	25.16	25.17
		1	2	**25.70**	**25.70**	**25.70**	**25.20**	**25.20**	**25.20**
		1	5	25.66	25.68	25.69	25.14	25.19	25.18
		3	0	25.61	25.64	25.65	25.14	25.16	25.13
		3	1	25.63	25.67	25.63	25.14	25.18	25.19
		3	2	25.63	25.66	25.64	25.12	25.17	25.18
		6	0	25.09	25.21	25.26	24.21	24.28	24.27
	16QAM	1	0	25.31	25.42	25.21	24.36	24.37	24.46
		1	2	25.19	**25.48**	25.33	24.37	24.38	**24.47**
		1	5	25.05	25.47	25.35	24.41	24.43	24.43
		3	0	25.29	25.32	25.23	24.38	24.34	24.32
		3	1	25.25	25.35	25.31	24.38	24.41	24.36
		3	2	25.17	25.35	25.41	24.36	24.39	24.35
		6	0	24.15	24.21	24.28	23.24	23.29	23.22
	64QAM	1	0	**24.56**	24.38	24.46	23.85	23.87	24.02
		1	2	24.54	24.45	24.52	23.95	23.93	**24.15**
		1	5	24.32	24.34	24.48	23.93	23.87	23.98
		3	0	24.43	24.42	24.31	23.77	23.90	23.88
		3	1	24.40	24.40	24.40	23.76	23.94	23.87
		3	2	24.28	24.39	24.40	23.77	23.93	23.85
		6	0	23.40	23.15	23.30	22.68	22.67	22.73
	256QAM	1	0	21.35	21.29	21.38	20.68	20.91	20.83
		1	2	**21.46**	21.40	21.43	20.80	**20.99**	20.82
		1	5	21.38	21.28	21.41	20.86	20.88	20.88
		3	0	21.28	21.24	21.22	20.77	20.81	20.71
		3	1	21.29	21.25	21.31	20.81	20.85	20.69
		3	2	21.29	21.31	21.30	20.78	20.86	20.69
		6	0	21.27	21.21	21.31	20.67	20.64	20.70

OUTPUT POWER FOR LTE BAND 12 (3.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)					
				ANT 1			ANT 2		
				23025	23095	23165	23025	23095	23165
				700.5	707.5	714.5	700.5	707.5	714.5
3.0	QPSK	1	0	25.62	25.57	25.59	25.09	25.08	25.09
		1	7	**25.70**	**25.70**	**25.70**	**25.20**	**25.20**	**25.20**
		1	14	25.65	25.61	25.60	25.05	25.09	25.10
		8	0	25.07	25.19	24.64	24.18	24.21	24.20
		8	4	24.95	25.23	24.87	24.27	24.24	24.22
		8	7	24.89	25.29	25.03	24.26	24.32	24.31
		15	0	24.95	25.17	24.88	24.24	24.19	24.19
	16QAM	1	0	25.25	25.36	24.74	24.33	24.30	24.30
		1	7	24.99	**25.45**	24.96	24.41	24.42	24.47
		1	14	24.89	25.39	25.33	24.32	24.31	**24.51**
		8	0	24.20	24.22	23.75	23.21	23.27	23.23
		8	4	24.09	24.28	23.96	23.32	23.32	23.26
		8	7	24.04	24.36	24.13	23.33	23.37	23.32
		15	0	24.08	24.20	23.98	23.26	23.22	23.20
	64QAM	1	0	24.57	24.56	24.00	23.89	23.90	23.98
		1	7	24.25	**24.63**	24.24	23.93	**24.11**	**24.11**
		1	14	24.14	24.61	24.49	23.84	23.98	23.93
		8	0	23.25	23.25	22.83	22.72	22.79	22.73
		8	4	23.14	23.31	23.04	22.79	22.79	22.78
		8	7	23.06	23.36	23.17	22.79	22.89	22.84
		15	0	23.15	23.25	22.99	22.70	22.75	22.73
	256QAM	1	0	21.20	21.31	21.07	20.75	20.81	20.86
		1	7	21.21	**21.43**	21.09	20.91	20.97	**21.05**
		1	14	21.15	21.30	21.23	20.77	20.86	20.83
		8	0	21.29	21.26	20.76	20.69	20.75	20.77
		8	4	21.25	21.28	20.91	20.74	20.79	20.78
		8	7	21.16	21.37	21.06	20.73	20.85	20.87
		15	0	21.23	21.25	20.96	20.70	20.73	20.70

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OUTPUT POWER FOR LTE BAND 12 (5.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)					
				ANT 1			ANT 2		
				23035	23095	23155	23035	23095	23155
				701.5	707.5	713.5	701.5	707.5	713.5
5.0	QPSK	1	0	25.65	25.57	**25.70**	25.11	25.07	25.12
		1	12	**25.70**	**25.70**	25.54	**25.20**	**25.20**	**25.20**
		1	24	25.63	25.56	25.64	25.07	25.05	25.11
		12	0	24.97	25.17	24.70	24.18	24.14	24.21
		12	6	24.84	25.20	24.60	24.25	24.16	24.30
		12	11	24.82	25.25	24.78	24.25	24.21	24.28
		25	0	24.93	25.13	24.70	24.25	24.12	24.26
	16QAM	1	0	25.35	25.38	25.05	24.39	24.30	24.40
		1	12	24.98	**25.51**	24.69	24.45	24.45	**24.47**
		1	24	25.15	25.34	25.10	24.40	24.31	24.36
		12	0	24.09	24.25	23.84	23.25	23.21	23.22
		12	6	23.96	24.27	23.74	23.37	23.24	23.33
		12	11	23.94	24.31	23.87	23.32	23.28	23.30
		25	0	24.04	24.16	23.82	23.25	23.15	23.27
	64QAM	1	0	24.57	24.52	24.34	23.92	23.85	23.94
		1	12	24.22	**24.60**	23.92	24.03	23.94	**24.05**
		1	24	24.37	24.48	24.29	23.94	23.88	23.98
		12	0	23.26	23.26	23.00	22.60	22.68	22.74
		12	6	23.13	23.29	22.87	22.71	22.71	22.73
		12	11	23.11	23.32	23.00	22.67	22.75	22.84
		25	0	23.09	23.18	22.87	22.66	22.65	22.79
	256QAM	1	0	21.38	21.35	21.33	20.74	20.78	20.78
		1	12	21.26	**21.47**	20.95	20.78	20.89	**20.95**
		1	24	21.37	21.44	21.04	20.70	20.78	20.75
		12	0	21.24	21.17	21.01	20.61	20.66	20.71
		12	6	21.07	21.21	20.83	20.72	20.67	20.74
		12	11	21.04	21.25	20.90	20.71	20.72	20.80
		25	0	21.12	21.14	20.94	20.68	20.63	20.83

OUTPUT POWER FOR LTE BAND 12 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)					
				ANT 1			ANT 2		
				23060	23095	23130	23060	23095	23130
				704.0	707.5	711.0	704.0	707.5	711.0
10.0	QPSK	1	0	**25.70**	25.68	25.66	**25.20**	**25.20**	25.19
		1	24	**25.70**	**25.70**	**25.70**	25.14	25.19	**25.20**
		1	49	25.67	25.60	25.59	25.10	25.16	25.15
		25	0	25.06	25.23	25.21	24.22	24.29	24.25
		25	12	25.38	25.26	25.23	24.30	24.29	24.31
		25	24	25.35	25.27	24.73	24.28	24.32	24.31
		50	0	25.36	25.22	25.19	24.30	24.26	24.32
	16QAM	1	0	25.33	25.22	25.42	24.45	24.47	**24.51**
		1	24	25.35	25.39	25.26	24.39	24.49	24.48
		1	49	**25.47**	24.79	25.03	24.35	24.42	24.42
		25	0	24.12	24.26	24.23	23.26	23.29	23.29
		25	12	24.37	24.25	24.23	23.32	23.30	23.35
		25	24	24.36	24.29	23.82	23.30	23.33	23.32
		50	0	24.36	24.24	24.20	23.30	23.26	23.34
	64QAM	1	0	24.65	24.47	24.59	23.97	23.97	23.91
		1	24	24.62	**24.66**	24.54	24.02	24.03	**24.06**
		1	49	24.62	24.22	24.27	23.94	23.94	23.89
		25	0	23.16	23.30	23.23	22.62	22.76	22.75
		25	12	23.41	23.30	23.25	22.74	22.79	22.76
		25	24	23.36	23.35	22.88	22.69	22.82	22.83
		50	0	23.41	23.26	23.24	22.71	22.76	22.75
	256QAM	1	0	21.46	21.40	21.23	20.73	20.81	20.84
		1	24	21.48	**21.54**	21.35	20.94	20.97	**20.98**
		1	49	21.47	21.29	20.87	20.84	20.89	20.80
		25	0	21.23	21.30	21.20	20.62	20.75	20.73
		25	12	21.41	21.28	21.21	20.72	20.77	20.75
		25	24	21.37	21.32	20.94	20.70	20.80	20.82
		50	0	21.38	21.25	21.20	20.69	20.74	20.74

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5G NR n12

Test Engineer ID:	28567	Test Date:	2024-02-21

OUTPUT POWER FOR 5G NR n12 (5.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)					
				ANT 1			ANT 2		
				140300	141500	142700	140300	141500	142700
				701.5	707.5	713.5	701.5	707.5	713.5
5.0	BPSK	1	0	25.27	25.41	25.37	24.83	24.83	24.73
		1	1	25.59	25.65	25.68	25.06	**25.17**	25.14
		1	23	25.60	**25.70**	25.60	25.05	25.10	25.05
		1	24	25.31	25.41	25.32	24.81	24.93	24.81
		12	6	25.32	25.32	25.37	24.87	24.86	24.87
		25	0	25.29	25.28	25.29	24.84	24.86	24.78
	QPSK	1	0	24.95	25.00	24.95	24.55	24.45	24.01
		1	1	**25.70**	25.63	**25.70**	**25.20**	25.13	**25.20**
		1	23	25.50	25.56	25.63	25.03	25.15	25.06
		1	24	24.88	24.98	24.85	24.46	24.35	24.43
		12	6	25.35	25.35	25.35	24.91	24.95	24.84
		25	0	24.50	24.93	24.40	24.43	24.40	24.45
	16QAM	1	0	24.11	23.67	23.93	23.22	23.62	23.15
		1	1	**25.20**	25.14	25.11	24.69	24.69	24.41
		1	23	25.12	25.12	25.16	24.42	**24.79**	24.70
		1	24	23.92	23.84	24.12	23.61	23.33	23.66
		12	6	24.60	25.03	24.43	24.44	24.49	24.50
		25	0	23.55	23.94	23.46	23.40	23.56	23.49
	64QAM	1	0	23.34	23.52	23.08	23.02	23.05	22.65
		1	1	**23.65**	23.48	23.58	**23.31**	23.15	22.66
		1	23	23.23	23.42	23.44	23.15	23.06	**23.31**
		1	24	23.23	23.12	23.33	22.82	22.95	23.07
		12	6	23.15	23.38	22.84	22.96	23.06	22.97
		25	0	23.09	23.44	23.05	23.05	22.97	22.93
	256QAM	1	0	21.78	21.83	21.40	21.01	20.75	20.97
		1	1	**22.07**	21.85	22.00	**21.30**	21.13	21.14
		1	23	21.84	21.81	22.06	21.04	21.03	21.28
		1	24	21.58	21.79	21.54	21.06	20.89	20.91
		12	6	21.42	21.38	21.30	20.85	20.88	20.86
		25	0	21.43	21.44	21.47	20.94	20.92	20.94

OUTPUT POWER FOR 5G NR n12 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)					
				ANT 1			ANT 2		
				140800	141500	142200	140800	141500	142200
				704.0	707.5	711.0	704.0	707.5	711.0
10.0	BPSK	1	0	25.43	25.49	25.49	25.00	25.00	24.98
		1	1	**25.70**	25.66	25.58	25.18	**25.20**	25.16
		1	50	25.60	25.57	25.64	25.10	**25.20**	25.13
		1	51	25.34	25.38	25.30	24.85	24.84	24.89
		25	12	25.31	25.33	25.40	24.79	24.86	24.88
		50	0	25.35	25.36	25.45	24.85	24.88	25.00
	QPSK	1	0	25.15	25.12	25.24	24.74	24.71	24.72
		1	1	25.68	**25.70**	**25.70**	**25.19**	25.15	25.17
		1	50	25.49	25.52	25.52	25.18	25.06	25.04
		1	51	24.98	24.69	24.88	24.42	24.10	24.39
		25	12	25.31	25.33	25.44	24.87	24.97	24.99
		50	0	24.97	24.93	24.85	24.45	24.50	24.36
	16QAM	1	0	24.24	24.26	24.15	23.92	23.56	23.77
		1	1	25.12	24.98	25.17	**24.87**	24.68	24.79
		1	50	24.94	**25.25**	24.83	24.75	24.26	24.60
		1	51	24.23	23.89	23.97	23.86	23.37	23.70
		25	12	25.16	25.16	25.03	24.66	24.68	24.37
		50	0	24.15	24.26	24.13	23.64	23.74	23.59
	64QAM	1	0	23.29	23.35	23.35	22.91	22.93	23.22
		1	1	23.41	23.54	23.54	23.27	23.18	**23.32**
		1	50	23.33	23.35	23.30	23.26	22.61	23.26
		1	51	23.59	23.22	23.46	23.12	22.94	23.21
		25	12	23.63	**23.74**	23.70	23.23	23.23	22.90
		50	0	23.63	23.72	23.70	23.17	23.31	23.13
	256QAM	1	0	21.88	21.86	21.80	21.41	21.45	21.39
		1	1	21.97	21.77	21.93	21.18	21.12	21.15
		1	50	21.83	**22.01**	21.75	21.31	21.11	**21.53**
		1	51	21.86	21.97	21.93	21.30	21.07	21.19
		25	12	21.58	21.79	21.73	21.16	21.04	21.23
		50	0	21.63	21.75	21.73	21.12	21.02	21.21

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OUTPUT POWER FOR 5G NR n12 (15.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)					
				ANT 1			ANT 2		
				141300	141500	141700	141300	141500	141700
				706.5	707.5	708.5	706.5	707.5	708.5
15.0	BPSK	1	0	25.65	25.52	25.67	25.10	25.12	25.07
		1	1	**25.70**	25.44	25.68	**25.20**	25.12	25.15
		1	77	25.54	25.42	25.55	25.04	24.99	25.05
		1	78	25.54	25.51	25.53	25.08	25.03	24.98
		36	18	25.52	25.40	25.54	24.96	24.96	25.02
		75	0	25.58	25.48	25.61	25.02	24.98	25.15
	QPSK	1	0	25.27	24.99	25.08	24.72	24.69	24.76
		1	1	25.56	**25.70**	**25.70**	25.14	**25.20**	**25.20**
		1	77	25.56	25.56	25.55	24.99	25.01	25.14
		1	78	24.67	24.91	25.13	24.60	24.62	24.66
		36	18	25.44	25.46	25.65	25.05	25.01	25.12
		75	0	24.93	24.99	24.85	24.54	24.42	24.37
	16QAM	1	0	24.28	24.39	24.18	23.92	23.70	23.68
		1	1	25.33	25.23	**25.46**	25.01	24.53	**25.04**
		1	77	24.70	25.14	25.24	24.49	24.13	24.51
		1	78	23.70	24.15	23.93	23.55	23.53	23.57
		36	18	25.02	25.09	25.15	24.75	24.68	24.64
		75	0	24.08	24.03	24.05	23.62	23.60	23.39
	64QAM	1	0	23.62	23.46	23.65	23.25	23.18	**23.61**
		1	1	23.40	23.53	23.33	23.24	23.28	23.56
		1	77	22.78	23.12	23.50	22.74	23.02	23.33
		1	78	23.21	23.49	23.41	23.15	22.96	23.40
		36	18	23.54	23.63	**23.71**	23.18	23.15	23.08
		75	0	23.44	23.54	23.58	23.13	23.00	22.85
	256QAM	1	0	21.94	22.01	22.10	21.40	21.28	21.26
		1	1	21.86	**22.20**	22.15	21.38	**21.67**	21.30
		1	77	21.75	21.78	21.80	21.14	21.29	21.25
		1	78	21.65	21.67	21.79	21.19	21.24	21.18
		36	18	21.49	21.67	21.64	21.05	21.21	21.19
		75	0	21.55	21.70	21.69	21.10	21.23	21.16

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8.3. LTE BAND 13

Test Engineer ID:	39004	Test Date:	2024-02-13

OUTPUT POWER FOR LTE BAND 13 (5.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)					
				ANT 1			ANT 2		
				23205	23230	23255	23205	23230	23255
				779.5	782.0	784.5	779.5	782.0	784.5
5.0	QPSK	1	0	25.61	25.64	25.59	25.11	25.02	25.14
		1	12	**25.70**	**25.70**	**25.70**	**25.20**	**25.20**	**25.20**
		1	24	25.63	25.62	25.57	25.18	25.06	25.11
		12	0	25.19	25.18	25.13	24.15	24.15	24.20
		12	6	25.28	25.20	25.16	24.27	24.16	24.30
		12	11	25.27	25.24	25.19	24.25	24.21	24.25
		25	0	25.26	25.18	25.13	24.25	24.14	24.26
	16QAM	1	0	25.44	25.45	25.46	24.38	24.28	24.40
		1	12	**25.56**	25.51	25.52	24.50	24.41	24.48
		1	24	25.44	25.40	25.31	**24.52**	24.34	24.38
		12	0	24.16	24.25	24.07	23.18	23.07	23.29
		12	6	24.27	24.26	24.10	23.28	23.12	23.37
		12	11	24.23	24.35	24.16	23.27	23.17	23.34
		25	0	24.28	24.20	24.15	23.25	23.15	23.28
	64QAM	1	0	24.61	24.47	24.57	24.10	23.85	23.97
		1	12	**24.64**	24.58	24.53	**24.20**	23.98	24.08
		1	24	24.61	24.48	24.48	24.17	23.87	24.06
		12	0	23.24	23.21	23.25	22.71	22.68	22.76
		12	6	23.35	23.23	23.28	22.79	22.71	22.87
		12	11	23.31	23.28	23.33	22.79	22.77	22.79
		25	0	23.30	23.21	23.16	22.80	22.67	22.79
	256QAM	1	0	21.35	21.31	21.33	20.88	20.65	20.82
		1	12	**21.55**	21.45	21.40	**21.04**	20.90	20.89
		1	24	21.37	21.34	21.39	21.01	20.73	20.84
		12	0	21.25	21.22	21.17	20.68	20.68	20.75
		12	6	21.32	21.25	21.20	20.79	20.73	20.84
		12	11	21.32	21.26	21.24	20.78	20.74	20.82
		25	0	21.30	21.17	21.14	20.75	20.69	20.83

OUTPUT POWER FOR LTE BAND 13 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)					
				ANT 1			ANT 2		
				N/A	23230	N/A	N/A	23230	N/A
				N/A	782.0	N/A	N/A	782.0	N/A
10.0	QPSK	1	0		25.65			25.08	
		1	24		**25.70**			**25.20**	
		1	49		25.61			25.11	
		25	0		25.27			24.25	
		25	12		25.25			24.27	
		25	24		25.28			24.29	
		50	0		25.25			24.25	
	16QAM	1	0		25.40			24.41	
		1	24		**25.47**			**24.48**	
		1	49		25.34			24.44	
		25	0		24.28			23.28	
		25	12		24.27			23.27	
		25	24		24.29			23.32	
		50	0		24.25			23.28	
	64QAM	1	0		24.55			24.08	
		1	24		**24.60**			**24.14**	
		1	49		24.52			24.06	
		25	0		23.31			22.80	
		25	12		23.29			22.81	
		25	24		23.31			22.85	
		50	0		23.27			22.77	
	256QAM	1	0		21.21			20.82	
		1	24		**21.46**			**20.97**	
		1	49		21.34			**20.97**	
		25	0		21.26			20.76	
		25	12		21.25			20.78	
		25	24		21.30			20.83	
		50	0		21.25			20.76	

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8.4. LTE BAND 14 AND 5G NR n14

LTE BAND 14

Test Engineer ID:	39004	Test Date:	2024-02-08

OUTPUT POWER FOR LTE BAND 14 (5.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)					
				ANT 1			ANT 2		
				23305	23330	23355	23305	23330	23355
				790.5	793.0	795.5	790.5	793.0	795.5
5.0	QPSK	1	0	25.60	25.58	25.65	25.07	25.14	25.11
		1	12	**25.70**	**25.70**	**25.70**	**25.20**	**25.20**	**25.20**
		1	24	25.59	25.50	25.55	25.07	25.12	25.12
		12	0	25.14	25.13	25.25	24.13	24.21	24.20
		12	6	25.24	25.17	25.28	24.22	24.22	24.29
		12	11	25.21	25.13	25.24	24.20	24.26	24.25
		25	0	25.21	25.14	25.24	24.21	24.18	24.26
	16QAM	1	0	25.35	25.40	25.46	24.34	24.40	24.40
		1	12	25.47	25.48	**25.53**	24.41	**24.52**	24.42
		1	24	25.40	25.33	25.38	24.41	24.36	24.39
		12	0	24.11	24.10	24.24	23.05	23.20	23.27
		12	6	24.24	24.14	24.25	23.16	23.22	23.38
		12	11	24.20	24.09	24.20	23.12	23.26	23.35
		25	0	24.23	24.14	24.27	23.23	23.20	23.26
	64QAM	1	0	24.42	24.39	24.57	23.90	23.93	23.98
		1	12	**24.61**	24.48	24.47	23.97	**24.01**	23.95
		1	24	24.52	24.43	24.44	23.89	23.94	23.86
		12	0	23.18	23.17	23.21	22.68	22.73	22.74
		12	6	23.31	23.19	23.23	22.74	22.78	22.84
		12	11	23.28	23.15	23.18	22.73	22.84	22.83
		25	0	23.27	23.18	23.29	22.71	22.73	22.79
	256QAM	1	0	21.38	21.25	21.38	20.87	20.79	20.85
		1	12	**21.43**	21.39	**21.43**	20.89	**20.96**	20.96
		1	24	21.39	21.22	21.25	20.88	20.83	20.83
		12	0	21.20	21.14	21.25	20.68	20.76	20.73
		12	6	21.30	21.17	21.27	20.75	20.78	20.82
		12	11	21.22	21.16	21.26	20.73	20.80	20.79
		25	0	21.26	21.16	21.29	20.72	20.73	20.80

OUTPUT POWER FOR LTE BAND 14 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)					
				ANT 1			ANT 2		
				N/A	23330	N/A	N/A	23330	N/A
				N/A	793.0	N/A	N/A	793.0	N/A
10.0	QPSK	1	0		25.67			25.18	
		1	24		**25.70**			**25.20**	
		1	49		25.52			25.12	
		25	0		25.22			24.25	
		25	12		25.23			24.25	
		25	24		25.17			24.28	
		50	0		25.20			24.23	
	16QAM	1	0		**25.46**			24.44	
		1	24		25.34			**24.47**	
		1	49		25.29			24.40	
		25	0		24.24			23.25	
		25	12		24.24			23.26	
		25	24		24.19			23.31	
		50	0		24.19			23.23	
	64QAM	1	0		**24.51**			**24.06**	
		1	24		**24.51**			23.99	
		1	49		24.44			23.93	
		25	0		23.23			22.75	
		25	12		23.25			22.78	
		25	24		23.18			22.81	
		50	0		23.20			22.76	
	256QAM	1	0		21.33			20.84	
		1	24		**21.51**			**20.94**	
		1	49		21.22			20.85	
		25	0		21.22			20.73	
		25	12		21.23			20.76	
		25	24		21.17			20.77	
		50	0		21.20			20.73	

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5G NR n14

Test Engineer ID:	27342	Test Date:	2024-03-04

OUTPUT POWER FOR 5G NR n14 (5.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)					
				ANT 1			ANT 2		
				158100	158600	159100	158100	158600	159100
				790.5	793.0	795.5	790.5	793.0	795.5
5.0	BPSK	1	0	23.64	23.70	23.65	22.70	22.09	22.14
		1	1	**25.70**	25.65	**25.70**	25.16	25.16	25.06
		1	23	25.62	25.54	25.54	25.00	**25.17**	24.98
		1	24	23.60	23.57	23.55	22.56	22.11	22.70
		12	6	25.67	25.61	25.65	25.16	25.10	25.13
		25	0	25.60	25.56	25.55	25.06	25.08	25.04
	QPSK	1	0	23.28	23.13	23.18	22.60	22.45	22.65
		1	1	25.62	25.56	**25.63**	25.18	**25.20**	**25.20**
		1	23	25.60	25.62	25.60	25.08	25.17	25.14
		1	24	23.20	23.12	23.11	22.61	22.66	22.59
		12	6	25.60	25.20	25.61	25.16	25.16	25.16
		25	0	25.24	25.20	25.20	24.68	24.73	24.68
	16QAM	1	0	24.15	24.09	24.35	23.83	23.59	23.69
		1	1	**25.43**	25.41	25.28	**25.12**	24.80	24.78
		1	23	24.93	25.31	24.88	24.72	24.59	24.74
		1	24	23.94	24.23	24.17	23.77	23.98	23.62
		12	6	25.30	25.22	25.22	24.76	24.80	24.72
		25	0	24.28	24.11	24.22	23.74	23.73	23.76
	64QAM	1	0	23.74	23.78	23.71	23.17	23.26	23.39
		1	1	23.77	23.61	**23.82**	23.36	**23.59**	23.45
		1	23	23.61	23.76	23.51	23.34	23.52	23.09
		1	24	23.68	23.53	23.41	23.27	23.34	23.40
		12	6	23.76	23.72	23.74	23.20	23.24	23.32
		25	0	23.75	23.75	23.70	23.23	23.35	23.27
	256QAM	1	0	21.84	21.80	21.71	21.33	21.13	21.36
		1	1	21.94	21.75	**22.08**	21.23	21.36	**21.41**
		1	23	21.77	21.76	21.70	21.21	21.22	20.89
		1	24	21.53	21.90	21.79	21.31	21.09	21.04
		12	6	21.72	21.64	21.67	21.11	21.29	21.22
		25	0	21.75	21.68	21.73	21.19	21.22	21.23

OUTPUT POWER FOR 5G NR n14 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)					
				ANT 1			ANT 2		
				N/A	158600	N/A	N/A	158600	N/A
				N/A	793.0	N/A	N/A	793.0	N/A
10.0	BPSK	1	0		23.70			22.69	
		1	1		**25.68**			**25.20**	
		1	50		25.47			25.00	
		1	51		23.57			22.45	
		25	12		25.56			25.01	
		50	0		25.63			25.03	
	QPSK	1	0		23.24			22.45	
		1	1		**25.68**			25.10	
		1	50		25.48			**25.11**	
		1	51		23.09			22.15	
		25	12		25.61			25.02	
		50	0		25.17			24.66	
	16QAM	1	0		24.36			23.89	
		1	1		**25.34**			**24.85**	
		1	50		25.24			24.57	
		1	51		24.40			23.90	
		25	12		25.18			24.71	
		50	0		24.12			23.64	
	64QAM	1	0		23.78			23.15	
		1	1		**23.86**			**23.34**	
		1	50		23.60			23.28	
		1	51		23.45			23.04	
		25	12		23.70			23.23	
		50	0		23.66			23.11	
	256QAM	1	0		21.78			20.94	
		1	1		**21.80**			**21.25**	
		1	50		21.52			21.16	
		1	51		21.20			21.10	
		25	12		21.75			21.13	
		50	0		21.64			21.05	

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8.5. LTE BAND 17

Test Engineer ID:	39004	Test Date:	2024-02-14

OUTPUT POWER FOR LTE BAND 17 (5.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)					
				ANT 1			ANT 2		
				23755	23790	23825	23755	23790	23825
				706.5	710.0	713.5	706.5	710.0	713.5
5.0	QPSK	1	0	25.58	25.58	25.62	25.09	25.10	25.14
		1	12	**25.70**	**25.70**	**25.70**	**25.20**	**25.20**	**25.20**
		1	24	25.59	25.55	25.58	25.07	25.07	25.12
		12	0	25.17	25.20	24.94	24.17	24.16	24.23
		12	6	25.29	25.23	24.84	24.26	24.16	24.35
		12	11	25.18	25.26	24.92	24.23	24.20	24.30
		25	0	25.21	25.20	24.88	24.22	24.14	24.21
	16QAM	1	0	25.32	25.43	25.39	24.37	24.33	24.34
		1	12	25.46	**25.51**	24.99	**24.48**	24.43	24.46
		1	24	25.28	25.21	25.23	24.39	24.32	24.31
		12	0	24.20	24.21	24.16	23.15	23.26	23.31
		12	6	24.30	24.25	24.02	23.25	23.30	23.40
		12	11	24.25	24.30	24.09	23.19	23.32	23.36
		25	0	24.25	24.20	24.08	23.25	23.16	23.22
	64QAM	1	0	24.51	24.47	24.56	24.05	23.95	24.04
		1	12	**24.58**	24.51	24.09	24.14	24.02	**24.17**
		1	24	24.48	24.51	24.28	23.95	23.90	24.01
		12	0	23.27	23.26	23.28	22.75	22.72	22.81
		12	6	23.35	23.29	23.18	22.88	22.77	22.92
		12	11	23.29	23.41	23.21	22.82	22.79	22.89
		25	0	23.28	23.23	23.14	22.81	22.73	22.80
	256QAM	1	0	21.34	21.31	21.32	20.74	20.85	20.83
		1	12	**21.47**	21.43	21.22	21.01	20.97	**21.02**
		1	24	21.34	21.30	21.18	20.94	20.86	20.96
		12	0	21.17	21.24	21.21	20.72	20.76	20.81
		12	6	21.34	21.26	21.13	20.81	20.78	20.94
		12	11	21.30	21.27	21.16	20.78	20.83	20.91
		25	0	21.28	21.21	21.18	20.74	20.72	20.77

OUTPUT POWER FOR LTE BAND 17 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)					
				ANT 1			ANT 2		
				23780	23790	23800	23780	23790	23800
				709.0	710.0	711.0	709.0	710.0	711.0
10.0	QPSK	1	0	**25.70**	**25.70**	**25.70**	24.69	**25.20**	**25.20**
		1	24	25.68	25.68	25.65	24.68	25.19	25.19
		1	49	25.54	25.52	25.49	24.60	25.12	25.09
		25	0	25.22	25.21	25.18	23.73	24.26	24.25
		25	12	25.30	25.23	25.19	23.80	24.26	24.24
		25	24	25.24	25.16	24.92	23.75	24.29	24.26
		50	0	25.28	25.20	25.18	23.79	24.24	24.22
	16QAM	1	0	**25.49**	25.46	25.42	23.96	24.48	**24.52**
		1	24	25.36	25.44	25.37	23.90	24.42	24.47
		1	49	24.78	24.86	24.99	23.88	24.38	24.42
		25	0	24.26	24.24	24.21	22.73	23.29	23.25
		25	12	24.29	24.23	24.20	22.82	23.26	23.24
		25	24	24.24	24.25	24.07	22.78	23.32	23.30
		50	0	24.27	24.24	24.17	22.79	23.22	23.23
	64QAM	1	0	24.50	**24.62**	24.61	23.50	23.99	**24.09**
		1	24	24.43	**24.62**	24.55	23.59	24.06	24.01
		1	49	23.87	24.22	24.28	23.52	23.97	23.96
		25	0	23.28	23.25	23.24	22.27	22.84	22.83
		25	12	23.37	23.26	23.21	22.35	22.85	22.82
		25	24	23.31	23.27	23.16	22.31	22.87	22.86
		50	0	23.33	23.23	23.20	22.31	22.81	22.81
	256QAM	1	0	21.36	21.39	21.34	20.42	20.90	20.91
		1	24	21.39	**21.46**	21.40	20.46	20.98	**21.00**
		1	49	21.01	21.10	21.09	20.39	20.98	20.82
		25	0	21.29	21.25	21.20	20.30	20.82	20.83
		25	12	21.39	21.26	21.19	20.35	20.83	20.83
		25	24	21.33	21.27	21.22	20.30	20.86	20.86
		50	0	21.31	21.21	21.18	20.32	20.81	20.79

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8.6. LTE BAND 25 AND 5G NR n25

LTE BAND 25

Test Engineer ID:	39004	Test Date:	2024-02-16

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	25.66	25.68	25.60	23.38	23.38	23.37	25.46	25.45	25.49	22.84	22.84	22.71
		1	2	**25.70**	**25.70**	**25.70**	**23.40**	**23.40**	**23.40**	25.48	25.49	**25.50**	**22.90**	**22.90**	22.76
		1	5	25.66	25.69	25.65	23.37	**23.40**	23.37	25.47	25.48	25.45	**22.90**	22.86	22.77
		3	0	25.67	25.66	25.64	23.38	23.38	23.32	25.47	25.47	25.48	22.84	22.82	22.83
		3	1	25.69	25.69	25.61	23.39	23.39	23.33	25.47	25.46	25.47	22.86	22.88	22.83
		3	2	25.66	25.66	25.62	23.39	23.35	23.36	**25.50**	**25.50**	25.48	22.86	22.87	**22.90**
		6	0	25.26	25.26	25.22	22.38	22.35	22.34	24.88	24.85	24.89	22.23	22.28	22.30
	16QAM	1	0	25.47	25.45	25.42	22.50	22.56	22.54	24.97	25.06	25.02	22.34	**22.51**	22.46
		1	2	**25.55**	25.52	25.46	22.50	22.59	22.49	24.98	25.08	**25.11**	22.35	22.48	22.47
		1	5	25.46	25.46	25.42	22.43	**22.62**	22.52	24.96	25.06	25.03	22.43	22.44	21.96
		3	0	25.35	25.36	25.32	22.49	22.45	22.49	24.97	24.97	24.93	22.27	22.44	22.48
		3	1	25.33	25.38	25.34	22.50	22.43	22.49	24.99	25.01	24.97	22.29	22.41	22.08
		3	2	25.31	25.38	25.32	22.51	22.46	22.48	25.02	24.93	24.98	22.29	22.41	21.60
		6	0	24.39	24.34	24.14	21.42	21.43	21.33	23.91	23.90	23.89	21.15	21.35	21.51
	64QAM	1	0	24.41	**24.64**	24.58	22.44	22.34	22.47	23.54	23.65	23.59	20.92	20.77	21.02
		1	2	24.52	24.62	24.53	**22.58**	22.38	22.54	23.50	**23.70**	23.62	20.93	20.78	**21.09**
		1	5	24.39	24.56	24.54	22.50	22.28	22.44	23.42	23.65	23.55	20.90	20.77	20.94
		3	0	24.39	24.42	24.37	22.31	22.36	22.39	23.48	23.50	23.50	20.72	20.68	20.96
		3	1	24.43	24.38	24.34	22.33	22.38	22.37	23.50	23.50	23.52	20.72	20.69	20.97
		3	2	24.42	24.45	24.41	22.35	22.37	22.36	23.51	23.50	23.52	20.74	20.71	21.00
		6	0	23.31	23.33	23.28	21.23	21.20	21.27	22.39	22.45	22.44	19.64	19.55	19.90
	256QAM	1	0	21.30	21.40	21.38	19.31	19.51	19.36	20.43	20.52	**20.79**	19.01	18.88	19.16
		1	2	21.34	**21.43**	21.39	19.40	**19.54**	19.40	20.49	20.67	20.70	19.08	18.89	19.16
		1	5	21.33	21.38	21.36	19.34	19.50	19.33	20.44	20.54	20.67	19.01	18.92	**19.19**
		3	0	21.30	21.31	21.24	19.20	19.28	19.41	20.39	20.54	20.53	18.94	18.76	19.18
		3	1	21.29	21.32	21.24	19.21	19.29	19.39	20.43	20.56	20.53	18.93	18.77	**19.19**
		3	2	21.30	21.31	21.24	19.21	19.29	19.41	20.40	20.56	20.53	18.93	18.75	19.18
		6	0	21.26	21.23	21.23	19.19	19.20	19.29	20.41	20.48	20.40	18.82	18.79	19.04

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	25.61	25.62	25.60	23.30	23.28	23.35	25.39	25.43	25.41	22.74	22.80	22.78
		1	7	**25.70**	**25.70**	**25.70**	**23.40**	**23.40**	**23.40**	**25.50**	**25.50**	**25.50**	**22.90**	**22.90**	**22.90**
		1	14	25.56	25.62	25.60	23.31	23.29	23.29	25.37	25.38	25.43	22.78	22.81	22.58
		8	0	25.27	25.32	25.29	22.36	22.38	22.40	24.88	24.88	24.92	22.27	22.26	22.35
		8	4	25.30	25.34	25.30	22.38	22.42	22.43	24.84	24.91	24.95	22.22	22.31	22.40
		8	7	25.29	25.33	25.31	22.39	22.41	22.40	24.86	24.92	24.95	22.22	22.30	22.40
		15	0	25.25	25.27	25.29	22.36	22.36	22.40	24.81	24.87	24.90	22.17	22.25	22.39
	16QAM	1	0	25.29	25.41	25.44	22.37	22.48	22.55	24.97	24.92	24.94	22.35	22.28	22.58
		1	7	25.44	**25.51**	25.47	22.55	**22.60**	22.59	25.04	25.11	**25.12**	22.45	22.50	**22.61**
		1	14	25.37	25.41	25.50	22.52	22.58	22.49	24.93	25.03	25.02	22.29	22.29	21.83
		8	0	24.34	24.31	24.32	21.43	21.42	21.43	23.89	23.92	23.96	21.27	21.27	21.49
		8	4	24.40	24.34	24.37	21.46	21.46	21.45	23.83	23.99	24.00	21.22	21.32	21.51
		8	7	24.38	24.34	24.36	21.45	21.45	21.44	23.86	23.95	23.98	21.21	21.30	21.51
		15	0	24.31	24.29	24.30	21.39	21.38	21.38	23.84	23.91	23.96	21.15	21.22	21.50
	64QAM	1	0	24.45	24.63	24.62	22.39	22.31	22.46	23.69	23.52	23.52	20.75	20.55	21.02
		1	7	24.46	**24.65**	24.59	22.52	22.40	22.50	23.67	23.56	**23.74**	20.86	20.70	**21.17**
		1	14	24.47	24.57	24.62	**22.60**	22.32	22.48	23.66	23.49	23.52	20.90	20.52	21.07
		8	0	23.37	23.40	23.32	21.24	21.21	21.35	22.41	22.40	22.38	19.65	19.45	19.82
		8	4	23.40	23.41	23.35	21.27	21.31	21.38	22.47	22.53	22.38	19.67	19.47	20.02
		8	7	23.42	23.42	23.34	21.26	21.29	21.40	22.39	22.51	22.43	19.69	19.53	19.96
		15	0	23.37	23.37	23.37	21.22	21.25	21.33	22.36	22.37	22.36	19.56	19.45	19.95
	256QAM	1	0	21.42	21.28	21.31	19.29	19.28	19.38	20.43	20.45	20.41	18.91	18.71	19.15
		1	7	21.48	**21.50**	21.45	19.40	19.38	**19.41**	**20.60**	20.58	20.59	18.95	18.87	**19.26**
		1	14	21.45	21.35	21.35	19.33	19.29	19.37	20.46	20.44	20.49	18.87	18.79	19.22
		8	0	21.35	21.36	21.35	19.22	19.24	19.32	20.42	20.41	20.40	18.82	18.65	19.11
		8	4	21.38	21.37	21.37	19.27	19.25	19.37	20.44	20.51	20.41	18.86	18.70	19.21
		8	7	21.40	21.40	21.36	19.24	19.27	19.35	20.35	20.52	20.39	18.88	18.76	19.23
		15	0	21.33	21.32	21.32	19.19	19.21	19.34	20.30	20.38	20.37	18.79	18.68	19.22

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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	25.64	25.63	23.29	23.26	23.32	25.39	25.42	25.41	22.73	22.75	22.80
		1	12	**25.70**	**25.70**	**25.70**	**23.40**	**23.40**	**23.40**	**25.50**	**25.50**	**25.50**	**22.90**	**22.90**	**22.90**
		1	24	25.55	25.61	25.63	23.31	23.27	23.26	25.34	25.41	25.40	22.76	22.79	22.43
		12	0	25.23	25.31	25.18	22.37	22.25	22.28	24.85	24.85	24.89	22.23	22.22	22.31
		12	6	25.26	25.34	25.31	22.38	22.36	22.40	24.87	24.85	24.91	22.30	22.24	22.37
		12	11	25.21	25.28	25.29	22.36	22.32	22.33	24.86	24.86	24.89	22.25	22.24	22.34
		25	0	25.21	25.27	25.18	22.35	22.33	22.36	24.81	24.84	24.85	22.22	22.21	22.36
	16QAM	1	0	25.34	25.46	25.38	22.46	22.37	22.47	24.94	24.90	25.00	22.39	22.32	22.52
		1	12	25.49	25.52	**25.54**	**22.59**	22.54	22.51	**25.10**	24.97	25.08	22.47	22.40	**22.60**
		1	24	25.35	25.48	25.41	22.54	22.45	22.45	25.01	24.95	24.99	22.36	22.32	21.85
		12	0	24.24	24.29	24.27	21.27	21.21	21.30	23.80	23.80	23.96	21.21	21.28	21.38
		12	6	24.29	24.31	24.37	21.31	21.33	21.39	23.83	23.82	23.99	21.20	21.30	21.40
		12	11	24.24	24.31	24.37	21.27	21.31	21.37	23.83	23.81	23.96	21.18	21.25	21.38
		25	0	24.22	24.30	24.18	21.35	21.34	21.36	23.83	23.88	23.88	21.17	21.19	21.41
	64QAM	1	0	24.48	24.57	24.56	22.35	22.42	22.31	23.59	23.59	23.48	20.71	20.53	21.05
		1	12	24.60	**24.67**	24.58	**22.47**	22.30	22.46	23.55	23.50	23.59	20.89	20.57	21.06
		1	24	24.52	24.60	24.52	22.45	22.36	22.43	23.58	**23.67**	23.49	20.71	20.53	**21.08**
		12	0	23.25	23.28	23.33	21.16	21.09	21.20	22.33	22.33	22.42	19.56	19.36	19.76
		12	6	23.29	23.32	23.44	21.22	21.19	21.25	22.39	22.36	22.47	19.59	19.38	19.85
		12	11	23.25	23.29	23.42	21.20	21.16	21.30	22.35	22.43	22.44	19.56	19.42	19.91
		25	0	23.22	23.30	23.22	21.16	21.17	21.19	22.31	22.31	22.39	19.59	19.32	19.80
	256QAM	1	0	21.34	21.43	21.36	19.16	19.06	19.36	20.38	20.38	20.32	18.91	18.64	19.09
		1	12	21.47	21.55	**21.56**	19.26	19.21	**19.54**	20.47	**20.51**	20.47	18.92	18.72	**19.43**
		1	24	21.38	21.46	21.50	19.22	19.18	19.31	20.42	20.47	20.44	19.00	18.65	19.40
		12	0	21.21	21.31	21.20	19.15	19.06	19.20	20.29	20.31	20.39	18.78	18.60	19.01
		12	6	21.24	21.34	21.34	19.21	19.21	19.25	20.34	20.36	20.40	18.82	18.63	19.09
		12	11	21.24	21.31	21.27	19.14	19.13	19.28	20.32	20.39	20.40	18.81	18.66	19.15
		25	0	21.20	21.29	21.20	19.16	19.16	19.14	20.27	20.31	20.37	18.78	18.58	19.05

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	25.67	25.64	25.68	23.38	23.38	**23.40**	25.44	**25.50**	25.47	22.83	22.89	**22.90**
		1	24	**25.70**	**25.70**	**25.70**	**23.40**	**23.40**	23.36	**25.50**	25.49	**25.50**	**22.90**	**22.90**	22.87
		1	49	25.67	25.66	**25.70**	23.37	23.38	23.31	25.41	25.46	25.45	22.87	22.89	22.68
		25	0	25.30	25.29	25.31	22.35	22.36	22.33	24.90	24.92	24.89	22.32	22.36	22.39
		25	12	25.34	25.32	25.34	22.45	22.46	22.34	24.93	24.96	24.93	22.34	22.39	22.42
		25	24	25.31	25.29	25.34	22.42	22.45	22.39	24.83	24.84	24.92	22.26	22.28	22.40
		50	0	25.30	25.29	25.32	22.44	22.44	22.32	24.90	24.84	24.92	22.33	22.29	22.43
	16QAM	1	0	25.46	25.39	25.40	22.49	**22.60**	22.58	24.97	**25.06**	25.02	22.48	22.51	**22.63**
		1	24	25.46	25.38	25.43	**22.60**	22.53	22.53	25.03	25.00	25.00	22.44	22.48	22.56
		1	49	**25.47**	25.41	25.42	22.54	22.53	22.46	25.01	**25.06**	25.03	22.45	22.45	21.44
		25	0	24.32	24.29	24.31	21.37	21.39	21.37	23.90	23.95	23.90	21.32	21.37	21.50
		25	12	24.33	24.34	24.35	21.46	21.45	21.36	23.94	23.97	23.95	21.35	21.38	21.49
		25	24	24.33	24.33	24.35	21.45	21.47	21.41	23.83	23.87	23.93	21.24	21.27	21.46
		50	0	24.32	24.30	24.34	21.44	21.44	21.32	23.88	23.85	23.90	21.32	21.24	21.46
	64QAM	1	0	24.54	24.58	**24.61**	22.27	**22.52**	22.42	23.57	23.58	23.63	20.94	20.77	20.93
		1	24	24.59	24.54	24.58	22.37	22.40	22.29	23.58	23.59	**23.67**	20.93	20.75	21.09
		1	49	24.56	24.51	24.56	22.39	22.32	22.30	23.59	23.55	23.64	20.91	20.62	**21.18**
		25	0	23.33	23.29	23.35	21.21	21.22	21.23	22.35	22.41	22.38	19.67	19.48	19.76
		25	12	23.34	23.34	23.37	21.26	21.31	21.25	22.31	22.44	22.41	19.63	19.49	19.81
		25	24	23.33	23.32	23.35	21.28	21.31	21.29	22.30	22.50	22.46	19.61	19.53	19.89
		50	0	23.32	23.30	23.32	21.23	21.28	21.23	22.29	22.40	22.39	19.56	19.46	19.87
	256QAM	1	0	21.32	21.43	21.33	19.28	19.39	19.24	20.35	20.41	20.35	18.87	18.80	19.11
		1	24	21.39	21.44	21.39	**19.43**	19.42	19.39	20.44	20.52	**20.59**	18.94	18.77	19.28
		1	49	21.32	**21.48**	21.39	19.29	19.41	19.34	20.31	20.56	20.49	18.77	18.80	**19.31**
		25	0	21.29	21.28	21.31	19.18	19.19	19.23	20.36	20.38	20.37	18.88	18.72	18.99
		25	12	21.34	21.32	21.35	19.24	19.29	19.25	20.32	20.43	20.37	18.86	18.73	19.04
		25	24	21.30	21.29	21.34	19.24	19.25	19.31	20.29	20.50	20.43	18.82	18.77	19.12
		50	0	21.31	21.25	21.34	19.21	19.27	19.20	20.28	20.40	20.36	18.83	18.69	19.09

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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	25.64	**25.70**	25.57	23.37	**23.40**	**23.40**	25.48	**25.50**	25.48	**22.90**	22.89	**22.90**
		1	37	25.66	25.67	**25.70**	23.36	**23.40**	23.31	25.45	25.49	**25.50**	22.89	**22.90**	22.88
		1	74	**25.70**	25.68	25.68	23.36	23.33	23.24	**25.50**	25.44	25.45	**22.90**	22.74	22.82
		36	0	25.33	25.38	25.29	22.34	22.42	22.38	24.97	24.85	24.90	22.33	22.35	22.42
		36	16	25.33	25.38	25.34	22.41	22.42	22.34	24.97	24.85	24.91	22.25	22.36	22.40
		36	35	25.33	25.36	25.37	22.40	22.48	22.37	24.90	24.93	24.98	22.23	22.24	22.41
		75	0	25.31	25.34	25.36	22.39	22.41	22.28	24.96	24.90	24.88	22.23	22.25	22.48
	16QAM	1	0	25.44	25.51	25.43	22.56	22.55	22.52	25.00	24.96	25.04	22.46	22.34	**22.57**
		1	37	25.52	25.55	**25.58**	22.62	22.50	22.49	25.03	25.01	**25.11**	22.52	22.39	22.49
		1	74	25.53	25.51	25.50	**22.64**	22.48	22.36	25.08	24.83	25.00	22.45	22.31	22.28
		36	0	24.35	24.39	24.30	21.36	21.44	21.38	23.99	23.67	23.92	21.31	21.39	21.52
		36	16	24.32	24.39	24.40	21.43	21.45	21.36	24.02	23.67	23.90	21.21	21.37	21.47
		36	35	24.33	24.38	24.41	21.43	21.51	21.39	23.93	23.75	23.98	21.18	21.26	21.44
		75	0	24.33	24.36	24.39	21.43	21.43	21.34	24.01	23.75	23.90	21.17	21.22	21.46
	64QAM	1	0	24.55	24.58	24.58	22.19	22.40	22.31	23.86	23.80	24.09	20.60	20.61	20.76
		1	37	24.51	24.61	24.61	22.36	**22.45**	22.29	23.81	23.85	**24.12**	20.62	20.61	20.91
		1	74	**24.64**	24.62	24.59	22.44	22.39	22.28	23.82	23.82	24.06	20.63	20.43	**20.93**
		36	0	23.32	23.40	23.28	21.19	21.27	21.19	22.72	22.64	22.89	19.52	19.46	19.66
		36	16	23.32	23.39	23.36	21.20	21.31	21.18	22.73	22.62	22.90	19.54	19.44	19.70
		36	35	23.32	23.38	23.38	21.24	21.34	21.27	22.64	22.68	22.96	19.55	19.49	19.82
		75	0	23.32	23.41	23.37	21.21	21.32	21.21	22.70	22.71	22.89	19.54	19.52	19.73
	256QAM	1	0	21.37	21.47	21.35	19.14	19.41	19.28	20.77	20.74	21.00	18.79	18.82	18.97
		1	37	21.47	21.46	21.44	19.27	**19.47**	19.37	20.74	20.80	**21.14**	18.89	18.88	19.08
		1	74	21.50	21.45	**21.51**	19.40	19.46	19.35	20.74	20.89	21.13	19.00	18.78	**19.15**
		36	0	21.31	21.38	21.29	19.17	19.24	19.18	20.70	20.60	20.86	18.77	18.74	18.91
		36	16	21.31	21.39	21.34	19.17	19.32	19.18	20.70	20.62	20.89	18.79	18.71	18.96
		36	35	21.30	21.39	21.38	19.21	19.28	19.26	20.62	20.67	20.93	18.79	18.73	19.05
		75	0	21.31	21.38	21.37	19.19	19.31	19.17	20.71	20.71	20.88	18.79	18.75	18.97

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	25.68	**25.70**	25.64	**23.40**	**23.40**	**23.40**	**25.50**	25.43	25.43	22.86	**22.90**	**22.90**
		1	49	**25.70**	25.69	25.67	23.39	23.38	23.35	25.47	25.48	**25.50**	**22.90**	22.87	22.81
		1	99	25.62	25.68	**25.70**	23.33	23.37	23.24	25.44	25.42	25.46	22.83	22.76	22.78
		50	0	25.38	25.37	25.30	22.40	22.43	22.38	24.97	24.84	24.90	22.35	22.38	22.40
		50	24	25.40	25.36	25.34	22.48	22.52	22.38	24.91	24.86	24.99	22.29	22.29	22.38
		50	49	25.29	25.35	25.42	22.46	22.47	22.38	24.87	24.91	24.97	22.24	22.24	22.33
		100	0	25.30	25.37	25.33	22.46	22.41	22.38	24.87	24.90	25.00	22.25	22.36	22.42
	16QAM	1	0	25.42	25.40	25.41	22.68	22.52	22.53	25.02	24.98	24.96	22.43	22.52	22.49
		1	49	25.60	25.56	**25.64**	**22.89**	22.74	22.82	25.10	**25.23**	25.20	22.53	**22.67**	22.60
		1	99	25.39	25.37	25.44	22.50	22.46	22.46	24.89	24.92	24.92	22.33	22.37	22.34
		50	0	24.43	24.37	24.30	21.43	21.46	21.43	23.97	23.87	23.91	21.30	21.40	21.43
		50	24	24.42	24.37	24.33	21.49	21.53	21.39	23.92	23.88	24.01	21.23	21.30	21.40
		50	49	24.31	24.37	24.41	21.45	21.47	21.42	23.87	23.90	23.99	21.19	21.25	21.35
		100	0	24.31	24.36	24.34	21.48	21.42	21.38	23.87	23.93	24.01	21.22	21.33	21.41
	64QAM	1	0	24.67	24.58	24.53	22.36	22.40	22.38	24.20	24.05	24.14	20.66	20.70	20.72
		1	49	24.74	24.58	**24.76**	22.54	22.49	22.49	24.18	24.15	**24.21**	20.82	20.75	20.89
		1	99	24.48	24.56	24.56	**22.61**	22.35	22.34	24.07	23.98	24.05	20.69	20.57	**20.95**
		50	0	23.42	23.39	23.30	21.15	21.22	21.20	22.99	22.86	22.91	19.55	19.49	19.64
		50	24	23.44	23.40	23.36	21.27	21.38	21.30	22.91	22.88	23.02	19.58	19.45	19.75
		50	49	23.32	23.36	23.39	21.31	21.28	21.29	22.89	22.94	22.96	19.47	19.46	19.78
		100	0	23.31	23.38	23.34	21.27	21.28	21.30	22.90	22.96	22.99	19.54	19.53	19.75
	256QAM	1	0	21.51	21.48	21.43	19.20	19.29	19.32	21.00	21.12	21.03	18.94	18.90	18.86
		1	49	21.55	21.47	**21.58**	19.35	19.39	19.34	20.97	21.06	21.09	18.92	18.81	18.99
		1	99	21.51	21.56	21.56	**19.44**	19.40	19.38	20.93	21.12	**21.18**	18.85	18.94	**19.17**
		50	0	21.41	21.38	21.31	19.14	19.21	19.19	20.96	20.86	20.88	18.79	18.74	18.86
		50	24	21.42	21.37	21.32	19.27	19.31	19.28	20.91	20.88	21.00	18.83	18.70	19.00
		50	49	21.33	21.36	21.41	19.29	19.27	19.26	20.89	20.94	20.97	18.75	18.75	19.00
		100	0	21.32	21.35	21.32	19.24	19.30	19.29	20.89	20.94	20.99	18.80	18.75	19.16

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5G NR n25

Test Engineer ID:	52275	Test Date:	2024-03-22

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	25.67	25.60	25.60	22.79	22.77	22.76	25.37	25.38	25.15	22.84	22.80	22.60
		1	1	25.69	**25.70**	25.61	23.28	23.23	**23.29**	25.28	**25.39**	25.19	22.85	**22.90**	22.69
		1	23	25.61	25.69	25.67	23.25	23.19	23.24	25.36	25.22	25.13	22.81	22.81	22.65
		1	24	25.32	25.44	25.41	22.52	22.48	22.60	25.08	25.02	24.87	22.61	22.58	22.49
		12	6	25.33	25.42	25.45	23.04	22.92	23.15	25.14	24.95	24.84	22.61	22.53	22.46
		25	0	25.34	25.39	25.42	22.48	22.41	22.58	25.05	24.96	24.75	22.59	22.50	22.43
	QPSK	1	0	25.24	25.24	25.24	22.38	22.29	22.34	24.92	24.95	24.70	22.40	22.42	22.25
		1	1	25.63	25.68	25.65	**23.40**	**23.40**	**23.40**	25.29	**25.41**	25.03	**22.90**	22.82	**22.90**
		1	23	**25.70**	25.57	**25.70**	23.37	23.24	23.20	**25.41**	25.33	25.06	22.86	22.78	22.85
		1	24	24.99	24.98	24.73	22.03	21.93	22.10	24.79	24.60	24.20	22.18	22.11	22.07
		12	6	25.44	25.40	25.44	23.11	22.98	23.15	25.08	25.01	24.78	22.63	22.58	22.51
		25	0	25.01	24.94	25.08	22.08	21.98	22.14	24.66	24.74	24.43	22.20	22.08	22.09
	16QAM	1	0	24.34	24.28	24.41	21.33	21.27	21.29	23.86	24.25	23.90	21.71	21.44	21.42
		1	1	25.19	25.00	25.12	22.50	22.05	22.40	25.05	24.72	25.02	22.22	22.57	**22.63**
		1	23	**25.25**	25.02	25.13	22.12	22.24	**22.52**	**25.17**	24.95	24.40	22.43	22.37	22.51
		1	24	24.14	24.41	24.45	21.47	20.61	21.24	24.04	23.90	23.91	21.33	21.49	21.18
		12	6	25.15	25.12	25.21	22.39	22.16	22.36	24.98	25.01	24.67	22.44	22.45	22.44
		25	0	24.18	24.15	24.28	21.38	21.23	21.34	24.02	24.02	23.72	21.43	21.41	21.39
	64QAM	1	0	23.53	23.81	23.62	20.96	20.98	21.08	23.38	23.49	22.74	21.16	20.99	20.76
		1	1	23.60	23.62	23.69	20.87	20.95	**21.09**	**23.51**	23.24	23.17	21.17	20.93	20.98
		1	23	**24.00**	23.67	23.82	20.79	20.93	20.87	23.28	23.31	23.08	**21.24**	21.11	20.96
		1	24	23.58	23.47	23.35	20.87	20.49	20.53	23.02	23.01	22.98	20.81	20.60	20.86
		12	6	23.72	23.49	23.52	20.52	20.37	20.54	23.29	23.23	22.94	20.69	20.66	20.61
		25	0	23.87	23.50	23.58	20.58	20.50	20.61	23.27	23.19	22.95	20.71	20.66	20.64
	256QAM	1	0	21.76	21.40	21.37	18.62	18.63	18.55	21.19	21.42	21.01	18.72	18.42	18.65
		1	1	**22.02**	21.84	21.66	18.74	18.74	**19.09**	**21.63**	21.59	21.16	18.94	18.96	**19.09**
		1	23	21.99	21.64	21.78	18.67	18.39	18.93	21.60	21.54	21.21	18.83	18.87	18.77
		1	24	21.77	21.37	21.33	18.63	18.39	18.64	20.90	21.35	20.78	18.60	18.48	18.49
		12	6	21.64	21.44	21.57	18.44	18.36	18.36	21.17	21.19	20.95	18.66	18.50	18.46
		25	0	21.79	21.47	21.45	18.48	18.32	18.57	21.15	21.20	20.92	18.60	18.53	18.46

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	25.38	25.45	25.40	22.56	22.60	22.44	25.03	25.01	24.82	22.50	22.51	22.49
		1	1	**25.70**	25.68	25.56	23.31	23.30	23.23	25.31	**25.35**	25.22	**22.86**	22.78	22.80
		1	50	25.52	25.57	25.65	23.27	**23.40**	**23.40**	25.28	25.26	25.24	22.80	22.80	22.76
		1	51	25.32	25.37	25.45	22.50	22.49	22.53	25.04	24.89	24.95	22.54	22.42	22.55
		25	12	25.29	25.29	25.39	23.05	23.11	23.08	24.94	24.94	24.89	22.56	22.51	22.55
		50	0	25.39	25.31	25.40	22.62	22.65	22.60	25.04	25.02	24.96	22.63	22.57	22.60
	QPSK	1	0	25.13	25.16	25.32	22.34	22.26	22.22	24.85	24.87	24.74	22.51	22.41	22.46
		1	1	25.60	25.50	25.10	**23.40**	23.31	23.31	**25.30**	25.18	25.25	22.78	22.76	22.84
		1	50	**25.61**	**25.61**	25.40	23.24	23.31	23.27	25.12	25.21	25.20	**22.86**	22.75	22.84
		1	51	24.94	24.89	24.82	22.03	22.01	22.12	24.63	24.56	24.39	22.12	22.06	22.29
		25	12	25.35	25.38	25.15	23.12	22.85	23.08	24.97	25.01	24.90	22.65	22.55	22.57
		50	0	24.98	25.00	25.02	22.16	22.15	22.06	24.57	24.61	24.51	22.22	22.13	22.23
	16QAM	1	0	24.22	24.04	24.29	21.09	21.15	21.07	23.72	23.91	23.83	21.58	21.60	21.60
		1	1	**25.46**	25.36	24.85	**22.76**	22.22	22.15	24.48	24.62	24.71	22.27	**22.41**	22.14
		1	50	25.40	25.27	25.04	22.28	22.28	22.33	24.72	24.70	**24.73**	22.38	22.40	22.25
		1	51	24.17	24.33	24.09	21.36	21.58	21.05	23.87	23.82	23.64	21.42	21.12	21.55
		25	12	25.10	25.07	25.02	22.09	22.14	22.04	24.56	24.56	24.46	22.16	22.21	22.09
		50	0	24.10	24.06	24.01	21.10	21.16	21.03	23.67	23.60	23.60	21.23	21.20	21.10
	64QAM	1	0	23.72	23.83	23.69	20.99	21.00	20.88	23.01	23.00	22.75	21.05	21.03	21.19
		1	1	23.87	23.98	23.78	**21.18**	20.94	20.92	23.08	**23.21**	23.08	20.81	**21.21**	20.75
		1	50	23.88	**24.10**	23.66	20.89	20.92	20.95	23.07	23.07	23.16	20.91	20.71	21.13
		1	51	23.44	23.31	23.29	20.54	20.65	20.37	23.10	22.86	22.80	20.68	20.65	20.98
		25	12	23.60	23.60	23.55	20.59	20.65	20.56	23.11	23.06	23.02	20.72	20.62	20.67
		50	0	23.62	23.47	23.49	20.56	20.59	20.48	23.14	23.03	23.03	20.69	20.58	20.64
	256QAM	1	0	21.21	21.48	21.45	18.37	18.44	18.40	21.34	21.22	21.14	18.66	18.41	18.65
		1	1	21.48	21.59	21.48	18.80	18.88	18.68	21.39	21.21	21.12	18.86	18.87	**18.97**
		1	50	21.59	**21.77**	21.51	18.64	**18.95**	18.86	**21.40**	21.13	21.30	18.72	18.90	18.79
		1	51	21.06	21.35	21.35	18.07	18.42	18.28	21.21	20.83	20.84	18.19	18.57	18.60
		25	12	21.52	21.51	21.62	18.45	18.54	18.50	21.11	21.13	20.98	18.55	18.57	18.56
		50	0	21.56	21.44	21.57	18.51	18.53	18.55	21.14	21.17	20.98	18.61	18.63	18.62

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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	25.43	25.49	25.38	22.68	22.71	22.54	25.15	25.28	25.20	22.63	22.56	22.70
		1	1	**25.70**	25.68	25.61	**23.40**	**23.40**	**23.40**	25.37	**25.50**	25.43	**22.83**	22.79	22.75
		1	77	25.68	25.59	25.63	23.30	23.37	23.31	25.38	25.39	25.27	22.74	22.73	22.75
		1	78	25.67	25.63	25.69	22.84	22.75	22.77	25.38	25.37	25.33	22.68	22.62	22.82
		36	18	25.52	25.46	25.53	23.23	23.21	23.19	25.27	25.28	25.22	22.65	22.58	22.68
		75	0	25.62	25.59	25.61	22.80	22.75	22.78	25.36	25.37	25.28	22.75	22.68	22.78
	QPSK	1	0	25.29	25.20	25.28	22.47	22.47	22.36	25.00	25.03	24.93	22.47	22.46	22.46
		1	1	25.66	**25.70**	25.64	**23.38**	23.37	23.35	**25.50**	25.45	25.42	**22.90**	**22.90**	22.82
		1	77	25.59	25.58	**25.70**	23.28	23.34	23.30	25.46	25.43	25.37	22.77	22.63	22.81
		1	78	25.22	25.21	25.24	22.31	22.40	22.32	24.92	25.06	24.52	22.35	22.30	22.39
		36	18	25.59	25.56	25.61	23.25	23.26	23.30	25.33	25.41	25.29	22.75	22.67	22.78
		75	0	25.22	25.22	25.27	22.24	22.33	22.31	25.00	25.00	24.91	22.38	22.31	22.39
	16QAM	1	0	24.41	24.16	24.21	21.52	21.57	21.50	24.32	24.01	23.99	21.12	21.56	21.49
		1	1	25.43	25.34	24.93	22.47	**22.53**	22.01	24.93	**25.05**	24.93	**22.56**	22.45	22.40
		1	77	**25.60**	25.29	25.38	22.34	22.42	22.25	24.97	24.97	24.78	22.27	22.00	22.41
		1	78	24.67	24.40	24.15	21.60	21.14	21.26	24.03	23.95	23.76	21.25	21.34	21.44
		36	18	25.24	25.23	25.32	22.25	22.19	22.23	24.96	24.96	24.88	22.33	22.30	22.31
		75	0	24.25	24.18	24.22	21.31	21.22	21.25	24.02	24.03	23.99	21.34	21.28	21.36
	64QAM	1	0	23.62	23.47	23.48	20.80	20.93	20.68	23.18	23.33	23.37	20.92	20.96	20.82
		1	1	**23.92**	23.57	23.68	20.94	20.86	**21.05**	23.31	**23.60**	23.28	21.00	20.89	20.97
		1	77	23.63	23.90	23.51	20.99	21.02	20.80	23.24	23.35	23.27	20.98	20.69	**21.08**
		1	78	23.57	23.65	23.71	20.79	20.84	20.95	23.15	23.06	22.69	20.60	20.51	20.89
		36	18	23.47	23.49	23.47	20.60	20.63	20.57	23.26	23.40	23.34	20.61	20.59	20.63
		75	0	23.66	23.66	23.69	20.83	20.85	20.76	23.46	23.55	23.48	20.77	20.81	20.93
	256QAM	1	0	21.46	21.37	21.34	18.56	18.64	18.63	21.11	21.35	21.45	18.45	18.36	18.54
		1	1	21.61	21.54	**21.73**	18.90	**18.98**	18.60	21.43	**21.68**	21.39	18.80	**18.91**	18.88
		1	77	21.68	21.38	21.46	18.85	18.89	18.77	21.63	21.56	21.58	18.74	18.64	18.79
		1	78	21.43	21.50	21.49	18.68	18.94	18.72	21.52	21.05	21.67	18.40	18.58	18.65
		36	18	21.63	21.60	21.59	18.75	18.82	18.70	21.42	21.52	21.47	18.55	18.50	17.80
		75	0	21.63	21.61	21.63	18.74	18.84	18.69	21.49	21.42	21.43	18.53	18.46	18.71

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	25.27	25.35	25.44	22.66	22.58	22.55	25.10	25.26	25.25	22.70	22.61	22.55
		1	1	25.58	25.63	25.63	23.23	23.36	23.34	25.43	25.49	25.47	22.80	**22.88**	22.77
		1	104	25.67	25.61	**25.70**	**23.40**	23.29	23.37	**25.50**	25.40	25.28	22.78	22.85	22.75
		1	105	25.39	25.39	25.45	22.59	22.62	22.63	25.20	25.17	25.08	22.63	22.70	22.58
		50	25	25.62	25.59	25.63	23.30	23.32	23.30	25.37	25.46	25.30	22.81	22.80	22.72
		100	0	25.65	25.63	25.61	22.76	22.82	22.80	25.38	**25.50**	25.39	22.77	22.80	22.84
	QPSK	1	0	25.03	25.16	25.21	22.35	22.41	22.41	24.97	25.14	25.00	22.38	22.45	22.30
		1	1	25.60	25.59	25.62	23.34	23.38	**23.40**	**25.43**	25.38	25.37	22.81	22.82	22.65
		1	104	**25.70**	25.64	25.67	23.29	**23.40**	23.20	25.41	25.29	25.38	22.71	22.87	**22.90**
		1	105	24.98	25.06	24.81	22.09	22.09	22.04	24.75	24.81	24.23	22.14	22.18	22.15
		50	25	25.46	25.50	25.43	23.17	23.19	23.13	25.16	25.15	25.21	22.55	22.64	22.53
		100	0	25.08	25.06	25.05	22.18	22.18	22.12	24.74	24.85	24.72	22.17	22.22	22.26
	16QAM	1	0	24.19	24.31	24.04	21.23	21.42	21.07	24.34	24.36	24.27	21.27	21.57	21.40
		1	1	25.38	25.28	**25.56**	**22.60**	22.12	22.31	25.09	**25.10**	24.78	22.25	22.18	22.18
		1	104	25.03	25.12	24.98	22.54	21.92	22.22	24.84	24.90	24.64	**22.56**	22.30	22.17
		1	105	24.19	24.05	23.85	21.17	21.33	20.98	23.76	23.72	23.34	21.24	21.16	21.37
		50	25	25.12	25.21	25.28	22.25	22.35	22.28	24.90	25.06	24.95	22.39	22.36	22.45
		100	0	24.25	24.21	24.22	21.38	21.35	21.35	23.90	24.01	23.88	21.34	21.36	21.36
	64QAM	1	0	23.66	23.69	23.75	20.71	20.90	21.07	22.94	23.18	22.97	20.66	20.82	20.74
		1	1	23.78	23.64	23.63	**21.15**	21.10	21.05	23.31	23.27	23.40	20.84	**21.06**	20.89
		1	104	23.82	**23.86**	23.53	20.81	21.14	20.85	23.21	**23.43**	22.95	20.95	21.00	20.81
		1	105	23.57	23.83	23.50	21.06	20.91	20.74	23.23	23.21	22.60	20.81	20.69	20.99
		50	25	23.78	23.77	23.75	20.86	20.89	20.77	23.27	23.30	23.22	20.87	20.91	20.97
		100	0	23.73	23.77	23.71	20.85	20.75	20.81	23.34	22.80	23.31	20.89	20.92	20.98
	256QAM	1	0	21.52	21.48	21.83	18.70	18.89	18.66	21.36	21.44	21.54	18.87	18.79	18.46
		1	1	21.83	21.68	21.90	18.77	18.57	18.76	21.59	21.48	21.50	18.85	**19.12**	18.75
		1	104	21.71	**21.94**	21.77	18.74	18.74	**18.93**	**21.66**	21.29	21.41	18.90	18.87	19.06
		1	105	21.54	21.43	21.73	18.53	18.50	18.39	21.34	21.36	21.40	18.77	18.89	18.96
		50	25	21.48	21.47	21.53	18.61	18.64	18.52	21.32	21.29	21.22	18.61	18.65	18.67
		100	0	21.47	21.46	21.53	18.66	18.71	18.52	21.23	21.32	21.30	18.57	18.65	18.65

UL VERIFICATION SERVICES INC. FORM NO: CCSUP4031B
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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	25.35	25.42	25.50	22.74	22.79	22.57	25.26	25.15	25.21	22.55	22.70	22.52
		1	1	25.54	25.61	25.62	23.25	**23.40**	23.30	25.36	25.40	25.42	22.72	22.82	**22.90**
		1	131	25.61	25.62	**25.68**	23.25	23.28	23.31	**25.50**	25.28	25.36	22.68	22.83	22.87
		1	132	25.32	25.49	25.44	22.62	22.62	22.67	25.30	25.02	25.22	22.52	22.69	22.65
		64	32	25.38	25.37	25.40	23.03	23.08	23.03	25.17	25.17	25.18	22.49	22.66	22.63
		128	0	25.29	25.29	25.42	22.57	22.58	22.56	25.21	25.10	25.16	22.51	22.64	22.60
	QPSK	1	0	25.12	25.16	25.26	22.32	22.38	22.30	25.08	24.91	24.97	22.24	22.38	22.35
		1	1	25.52	25.60	25.60	23.32	23.25	23.32	25.42	**25.50**	25.42	**22.90**	22.83	22.72
		1	131	**25.70**	**25.70**	25.50	**23.40**	23.37	**23.40**	25.46	25.16	25.33	22.64	22.76	22.82
		1	132	25.25	25.26	25.09	22.19	22.25	22.35	25.15	24.87	24.76	22.22	22.49	22.42
		64	32	25.50	25.52	25.60	23.23	23.25	23.30	25.39	25.41	25.34	22.68	22.89	22.81
		128	0	25.21	25.20	25.16	22.32	22.31	22.24	25.02	25.02	24.95	22.29	22.49	22.47
	16QAM	1	0	23.85	24.41	24.31	21.43	21.48	21.30	24.19	23.87	24.02	21.13	21.40	21.49
		1	1	25.08	25.20	25.04	22.46	**22.89**	22.45	**25.08**	24.97	24.80	22.19	22.27	22.24
		1	131	**25.40**	25.14	25.13	21.96	22.31	22.32	24.97	24.78	24.94	22.25	22.44	**22.88**
		1	132	24.27	24.00	23.93	21.37	21.37	21.19	23.79	23.90	23.84	21.38	21.31	21.76
		64	32	25.26	25.07	25.21	22.36	22.25	22.30	24.96	24.87	24.93	22.28	22.49	22.42
		128	0	24.13	24.09	24.19	21.32	21.25	21.34	24.02	23.92	23.93	21.27	21.49	21.44
	64QAM	1	0	23.74	23.82	23.65	20.95	20.96	21.05	23.46	23.35	23.45	20.55	20.15	20.79
		1	1	**23.91**	23.75	23.66	21.04	20.93	20.81	**23.52**	23.20	23.24	20.77	20.88	20.90
		1	131	23.74	23.78	23.66	20.89	20.77	**21.09**	23.46	23.19	23.31	**20.95**	20.79	20.87
		1	132	23.46	23.59	23.56	20.64	20.52	20.99	23.17	23.05	23.09	20.77	20.86	20.86
		64	32	23.46	23.46	23.44	20.67	20.58	20.68	23.26	23.35	23.39	20.48	20.69	20.65
		128	0	23.47	23.46	23.51	20.60	20.52	20.62	23.25	23.27	23.33	20.56	20.71	20.70
	256QAM	1	0	21.86	21.80	**21.99**	18.83	18.96	18.97	21.58	21.53	21.71	18.71	19.16	18.93
		1	1	21.88	21.93	21.92	18.82	**19.12**	19.06	21.34	**21.86**	21.67	**19.20**	19.14	19.05
		1	131	21.89	21.97	21.80	18.55	18.98	18.77	21.73	21.50	21.68	19.18	19.06	18.92
		1	132	21.59	21.47	21.86	18.46	18.52	18.64	21.29	21.23	21.48	18.77	18.89	18.91
		64	32	21.43	21.40	21.49	18.55	18.52	18.56	21.32	21.28	21.35	18.54	18.64	18.61
		128	0	21.47	21.46	21.52	18.59	18.49	18.59	21.33	21.23	21.35	18.63	18.70	18.64

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	25.55	25.51	25.60	22.87	22.96	22.76	25.43	25.37	25.47	22.57	22.70	22.49
		1	1	**25.70**	25.51	25.50	23.38	**23.40**	23.31	25.48	**25.50**	25.34	22.76	22.82	22.63
		1	158	25.69	25.60	**25.70**	23.33	23.38	23.36	**25.50**	25.42	25.33	**22.85**	22.70	22.80
		1	159	25.57	25.58	25.68	22.85	22.87	22.80	25.39	25.40	25.34	22.74	22.79	22.83
		80	40	25.53	25.59	25.62	23.33	23.34	23.25	25.47	25.46	25.31	22.84	22.82	22.50
		160	0	25.56	25.50	25.63	22.83	22.87	22.90	25.49	25.48	25.36	22.00	22.84	22.79
	QPSK	1	0	25.26	25.14	25.10	22.30	22.45	22.31	25.07	25.03	25.00	22.52	22.36	22.43
		1	1	25.58	25.45	25.53	**23.40**	23.36	23.34	25.39	25.49	**25.50**	**22.90**	22.76	22.76
		1	158	25.64	**25.70**	25.55	**23.40**	23.39	**23.40**	25.42	25.32	25.38	22.74	22.83	**22.90**
		1	159	25.35	25.27	25.08	22.38	22.29	22.31	25.04	24.85	24.80	22.34	22.41	22.51
		80	40	25.63	25.59	25.64	23.34	23.34	23.33	25.47	25.41	25.37	22.87	22.83	22.77
		160	0	25.20	25.11	25.24	22.34	22.40	22.38	25.08	25.01	25.00	22.44	22.41	22.40
	16QAM	1	0	24.39	24.66	24.14	21.40	21.40	21.24	24.16	24.11	23.78	21.32	21.35	21.09
		1	1	**25.32**	25.07	25.18	**22.60**	22.05	22.16	25.00	24.86	25.01	**22.86**	22.30	22.33
		1	158	25.31	25.22	25.10	22.48	22.19	22.29	25.19	25.18	**25.20**	22.57	22.70	22.35
		1	159	24.18	24.11	23.61	21.48	20.98	21.36	23.79	24.12	23.45	21.03	21.04	21.16
		80	40	25.12	25.01	25.08	22.17	22.17	22.18	24.83	24.76	24.79	22.21	22.21	22.29
		160	0	23.99	23.99	24.04	21.22	21.20	21.20	23.85	23.73	23.80	21.29	21.17	21.29
	64QAM	1	0	23.61	23.30	23.53	20.65	20.76	20.74	23.12	23.34	23.27	20.77	20.83	20.53
		1	1	23.81	23.64	23.73	21.07	20.97	20.87	**23.57**	23.47	23.26	20.87	20.73	20.71
		1	158	23.86	23.84	23.55	20.87	**21.22**	21.18	23.33	23.20	23.18	20.96	20.90	20.94
		1	159	23.78	23.65	**23.92**	21.05	20.97	20.88	23.55	23.49	23.10	20.84	20.87	**20.98**
		80	40	23.50	23.44	23.41	20.62	20.64	20.59	23.32	23.25	23.20	20.82	20.66	20.69
		160	0	23.58	23.51	23.51	20.61	20.64	20.64	23.43	23.27	23.27	20.73	20.71	20.76
	256QAM	1	0	21.58	21.52	21.69	18.55	18.65	18.56	21.35	21.22	21.69	18.94	18.82	18.66
		1	1	21.90	21.64	22.07	19.08	**19.21**	18.79	21.72	21.59	21.74	**19.34**	19.14	18.86
		1	158	**22.11**	21.89	21.98	19.00	18.66	18.71	**21.79**	21.52	21.49	19.11	19.21	19.21
		1	159	21.87	21.77	22.09	18.75	18.81	18.74	21.63	21.51	21.59	18.87	19.23	19.01
		80	40	21.67	21.63	21.71	18.81	18.80	18.67	21.64	21.49	21.55	18.88	18.77	18.85
		160	0	21.72	21.66	21.74	18.76	18.82	18.78	21.65	21.55	21.54	18.94	18.83	18.89

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OUTPUT POWER FOR 5G NR n25 (35.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			Ant 2			Ant 3			Ant 4		
				373500	376500	379500	373500	376500	379500	373500	376500	379500	373500	376500	379500
				1867.5	1882.5	1897.5	1867.5	1882.5	1897.5	1867.5	1882.5	1897.5	1867.5	1882.5	1897.5
35.0	BPSK	1	0	25.50	25.56	25.49	22.82	23.04	22.47	23.17	23.36	23.39	22.70	22.64	22.54
		1	1	25.52	25.41	25.46	**23.40**	23.36	22.65	25.25	25.40	25.13	22.87	22.81	22.72
		1	186	25.58	25.65	**25.70**	23.23	**23.40**	22.75	**25.50**	**25.50**	**25.50**	22.76	22.82	**22.90**
		1	187	25.49	25.50	25.37	22.84	22.96	22.44	23.17	23.36	23.39	22.79	22.78	22.83
		90	45	25.58	25.44	25.49	23.29	23.11	23.38	23.22	23.31	23.41	22.75	22.72	22.81
		180	0	25.61	25.49	25.56	22.81	22.87	23.08	**20.10**	20.00	20.00	22.80	22.77	22.89
	QPSK	1	0	25.23	24.92	25.11	22.25	21.70	21.86	22.93	23.10	23.13	22.46	22.49	22.36
		1	1	**25.70**	25.53	25.46	**23.30**	22.26	22.55	24.99	25.18	25.22	22.86	**22.90**	22.76
		1	186	25.59	25.60	25.68	23.29	22.30	22.44	25.23	**25.33**	25.24	22.64	22.79	22.79
		1	187	25.27	25.19	25.29	22.28	21.78	21.77	23.15	23.22	23.08	22.37	22.37	22.34
		90	45	25.57	25.43	25.67	23.29	23.28	23.25	25.06	25.16	25.11	22.83	22.73	22.70
		180	0	25.17	25.07	25.30	22.27	22.41	22.59	25.07	25.12	25.07	22.37	22.37	22.32
	16QAM	1	0	24.23	24.03	24.42	21.20	20.72	21.07	23.28	22.60	22.50	21.55	21.26	21.36
		1	1	25.08	25.20	**25.58**	**22.80**	21.33	21.74	24.65	24.78	24.76	22.69	**22.80**	22.50
		1	186	25.37	25.29	25.36	22.67	21.50	21.64	**24.96**	24.93	24.71	22.55	22.78	22.47
		1	187	24.57	24.55	24.59	20.97	21.10	20.75	22.48	22.66	22.46	21.26	21.46	21.68
		90	45	25.19	25.02	25.29	22.30	22.30	22.49	24.52	24.61	24.63	22.39	22.36	22.32
		180	0	24.14	24.12	24.29	21.32	21.43	21.68	24.04	24.22	24.14	21.37	21.33	21.38
	64QAM	1	0	23.59	23.70	23.77	20.83	20.79	20.75	22.25	22.24	22.40	21.25	21.23	21.16
		1	1	23.58	23.56	23.78	20.80	20.52	20.85	24.23	24.14	**24.42**	**21.45**	21.17	20.80
		1	186	23.42	23.80	**23.92**	20.74	20.67	20.67	24.10	24.31	24.20	21.06	21.31	21.21
		1	187	23.61	23.61	23.88	20.90	20.63	20.70	22.22	22.35	22.09	21.10	21.23	21.39
		90	45	23.65	23.63	23.73	20.77	20.88	**21.00**	23.39	23.54	23.40	21.05	20.81	20.86
		180	0	23.60	23.59	23.67	20.70	20.86	20.50	22.50	22.30	22.12	20.94	20.86	20.84
	256QAM	1	0	21.72	21.39	21.72	18.87	18.80	18.85	21.23	21.34	21.21	19.00	19.17	19.14
		1	1	**21.81**	21.61	21.67	18.69	18.78	18.79	23.20	23.30	23.32	**19.33**	19.26	19.13
		1	186	21.69	21.56	21.69	18.71	**18.88**	18.85	**23.37**	23.33	23.16	18.97	18.93	18.97
		1	187	21.77	21.25	21.50	18.57	18.60	18.85	21.16	21.02	20.89	18.99	19.22	19.18
		90	45	21.63	21.60	21.79	18.63	18.71	18.87	21.46	21.56	21.38	19.00	18.88	18.76
		180	0	21.64	21.65	21.73	18.61	18.63	18.72	21.28	21.45	21.21	18.96	18.92	18.73

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	25.64	25.56	25.54	22.83	22.90	22.74	25.23	25.30	25.27	22.83	22.84	22.79
		1	1	25.65	25.52	25.57	23.30	**23.38**	23.26	**25.50**	25.35	**25.50**	**22.90**	22.81	22.65
		1	214	25.67	**25.70**	**25.70**	23.21	23.28	23.24	25.27	25.23	25.23	22.75	22.85	22.81
		1	215	25.62	25.63	25.65	22.74	22.75	22.79	25.32	25.14	25.23	22.49	22.70	22.67
		108	54	25.68	25.46	25.51	23.33	23.30	23.18	25.44	25.34	25.18	22.66	22.79	22.75
		216	0	25.59	25.51	25.61	22.88	22.88	22.77	25.43	25.37	25.31	22.66	22.85	22.78
	QPSK	1	0	25.31	25.14	25.06	22.30	22.38	22.40	25.10	24.94	24.98	22.41	22.42	22.36
		1	1	25.69	25.52	25.62	23.28	**23.40**	**23.40**	**25.50**	25.40	25.47	22.74	22.83	**22.90**
		1	214	**25.70**	25.60	25.64	23.23	23.32	23.24	25.42	25.12	25.23	22.73	22.84	22.70
		1	215	25.26	25.28	25.00	22.24	22.26	22.33	25.00	24.70	24.71	22.48	22.54	22.32
		108	54	25.63	25.54	25.57	23.20	23.15	23.08	25.47	25.30	25.28	22.74	22.73	22.80
		216	0	25.24	25.17	25.20	22.39	22.39	22.32	25.06	24.89	24.90	22.36	22.50	22.39
	16QAM	1	0	24.09	24.18	24.01	21.37	21.67	21.25	24.04	23.62	23.92	21.49	21.52	21.49
		1	1	**25.52**	24.69	25.23	22.37	**22.58**	21.83	24.96	24.90	**25.23**	22.64	**22.69**	22.12
		1	214	25.13	25.50	24.75	22.32	22.32	22.19	25.19	24.70	25.00	21.87	22.56	22.47
		1	215	23.79	24.18	23.95	21.01	21.24	21.51	23.80	23.39	23.73	21.48	21.52	21.17
		108	54	25.16	25.11	25.21	22.39	22.34	22.21	25.06	24.83	24.91	22.27	22.41	22.32
		216	0	24.24	24.11	24.19	21.42	21.41	21.32	24.06	23.88	23.96	21.34	21.43	21.38
	64QAM	1	0	23.64	23.66	23.62	20.74	21.01	21.02	23.49	23.08	23.27	20.91	20.77	20.86
		1	1	23.74	**23.90**	23.46	20.94	21.15	21.05	23.49	23.22	**23.55**	21.00	20.85	20.53
		1	214	23.84	23.88	23.83	20.89	**21.22**	20.66	23.32	23.19	23.23	20.56	**21.10**	20.95
		1	215	23.82	23.79	23.56	20.70	20.60	20.88	23.18	23.12	23.21	20.50	20.86	20.86
		108	54	23.76	23.63	23.66	20.84	20.77	20.77	23.00	23.44	23.39	20.86	20.89	20.81
		216	0	23.74	23.63	23.68	20.86	20.86	20.83	23.12	23.46	23.45	20.96	20.90	20.86
	256QAM	1	0	21.86	21.77	21.25	18.75	18.83	18.85	21.76	21.25	21.68	18.87	19.04	19.02
		1	1	21.66	21.92	21.75	18.86	**18.99**	18.95	21.74	21.43	**21.84**	18.98	18.88	19.09
		1	214	21.85	21.91	**22.00**	18.81	18.96	18.94	21.53	21.39	21.64	19.14	**19.20**	19.04
		1	215	21.66	21.80	21.89	18.66	18.84	18.54	21.66	21.20	21.21	19.01	18.91	19.07
		108	54	21.75	21.63	21.72	18.78	18.78	18.73	21.61	21.38	21.45	18.99	18.86	18.78
		216	0	21.75	21.64	21.73	18.80	18.91	18.74	21.62	21.40	21.49	19.03	18.88	18.82

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

LTE BAND 26

Test Engineer ID:	39004	Test Date:	2024-02-14

OUTPUT POWER FOR LTE BAND 26 (1.4 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)					
				ANT 1			ANT 2		
				26697	26740	26783	26697	26740	26783
				814.7	819.0	823.3	814.7	819.0	823.3
1.4	QPSK	1	0	25.59	25.65	25.59	25.10	25.13	25.11
		1	2	25.68	**25.70**	**25.70**	**25.20**	25.17	**25.20**
		1	5	25.67	25.67	25.65	25.18	**25.20**	25.17
		3	0	25.68	25.69	25.66	25.18	25.14	**25.20**
		3	1	**25.70**	25.68	25.68	25.19	25.19	25.19
		3	2	25.65	25.69	25.66	25.18	25.19	**25.20**
		6	0	25.26	25.29	25.25	24.25	24.30	24.30
	16QAM	1	0	25.33	25.41	25.32	24.34	24.35	24.34
		1	2	25.47	**25.49**	25.43	**24.50**	24.41	24.46
		1	5	25.42	25.44	25.41	24.45	24.41	24.36
		3	0	25.26	25.36	25.37	24.34	24.34	24.37
		3	1	25.30	25.38	25.38	24.36	24.44	24.38
		3	2	25.29	25.37	25.35	24.35	24.42	24.38
		6	0	24.24	24.30	24.31	23.21	23.37	23.38
	64QAM	1	0	24.46	24.46	24.38	23.34	23.29	23.23
		1	2	24.60	24.62	24.46	**23.44**	23.38	23.44
		1	5	24.55	**24.63**	24.40	23.39	23.33	23.31
		3	0	24.37	24.39	24.41	23.21	23.22	23.25
		3	1	24.39	24.42	24.39	23.23	23.27	23.26
		3	2	24.39	24.42	24.42	23.24	23.25	23.25
		6	0	23.23	23.29	23.31	22.12	22.20	22.21
	256QAM	1	0	21.33	21.32	21.38	20.38	20.32	20.14
		1	2	21.40	**21.47**	21.42	**20.41**	20.34	20.29
		1	5	21.44	21.45	21.33	20.30	20.27	20.29
		3	0	21.40	21.36	21.34	20.28	20.20	20.32
		3	1	21.40	21.43	21.34	20.26	20.30	20.35
		3	2	21.39	21.40	21.35	20.27	20.31	20.31
		6	0	21.27	21.29	21.31	20.15	20.25	20.21

OUTPUT POWER FOR LTE BAND 26 (3.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)					
				ANT 1			ANT 2		
				26705	26740	26775	26705	26740	26775
				815.5	819.0	822.5	815.5	819.0	822.5
3.0	QPSK	1	0	25.62	25.62	25.64	25.08	25.04	25.09
		1	7	**25.70**	**25.70**	**25.70**	**25.20**	**25.20**	**25.20**
		1	14	25.61	25.60	25.56	25.12	25.08	25.08
		8	0	25.20	25.20	25.20	24.22	24.18	24.20
		8	4	25.31	25.33	25.32	24.31	24.26	24.30
		8	7	25.31	25.31	25.31	24.30	24.28	24.30
		15	0	25.28	25.27	25.26	24.27	24.23	24.27
	16QAM	1	0	25.37	25.37	25.32	24.36	24.24	24.41
		1	7	**25.48**	25.48	25.43	**24.51**	24.47	24.46
		1	14	25.37	25.32	25.34	24.47	24.26	24.34
		8	0	24.20	24.26	24.27	23.25	23.23	23.19
		8	4	24.33	24.34	24.37	23.36	23.33	23.30
		8	7	24.33	24.37	24.36	23.34	23.33	23.30
		15	0	24.27	24.31	24.31	23.30	23.25	23.27
	64QAM	1	0	24.54	24.60	24.56	23.38	23.24	23.18
		1	7	24.63	**24.64**	24.59	23.43	23.29	23.43
		1	14	24.54	24.56	24.62	**23.52**	23.24	23.27
		8	0	23.26	23.32	23.32	22.16	22.09	22.10
		8	4	23.37	23.42	23.41	22.27	22.19	22.21
		8	7	23.36	23.43	23.40	22.28	22.20	22.21
		15	0	23.29	23.32	23.31	22.22	22.16	22.17
	256QAM	1	0	21.24	21.30	21.33	20.14	20.14	20.19
		1	7	21.45	**21.47**	21.43	20.32	20.32	**20.36**
		1	14	21.34	21.35	21.31	20.27	20.20	20.28
		8	0	21.21	21.26	21.23	20.11	20.05	20.10
		8	4	21.33	21.36	21.37	20.21	20.19	20.20
		8	7	21.33	21.36	21.36	20.22	20.21	20.21
		15	0	21.27	21.30	21.30	20.18	20.15	20.17

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OUTPUT POWER FOR LTE BAND 26 (5.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)					
				ANT 1			ANT 2		
				26715	26740	26765	26715	26740	26765
				816.5	819.0	821.5	816.5	819.0	821.5
5.0	QPSK	1	0	25.58	25.55	25.55	25.05	25.11	25.14
		1	12	**25.70**	**25.70**	**25.70**	**25.20**	**25.20**	**25.20**
		1	24	25.58	25.57	25.54	25.09	25.08	25.14
		12	0	25.17	25.14	25.13	24.16	24.15	24.20
		12	6	25.25	25.22	25.24	24.28	24.26	24.31
		12	11	25.21	25.25	25.22	24.25	24.24	24.30
		25	0	25.19	25.21	25.18	24.25	24.21	24.27
	16QAM	1	0	25.37	25.39	25.31	24.37	24.37	24.38
		1	12	25.45	**25.51**	25.37	**24.54**	24.45	24.44
		1	24	25.37	25.39	25.28	24.42	24.33	24.39
		12	0	24.22	24.12	24.05	23.20	23.07	23.23
		12	6	24.32	24.23	24.14	23.32	23.17	23.33
		12	11	24.29	24.22	24.10	23.28	23.16	23.29
		25	0	24.26	24.22	24.14	23.26	23.22	23.29
	64QAM	1	0	**24.55**	24.46	24.44	**23.42**	23.26	23.34
		1	12	24.54	24.48	24.50	23.41	23.27	23.39
		1	24	24.49	24.44	24.41	23.30	23.25	23.33
		12	0	23.22	23.18	23.19	22.02	22.07	22.14
		12	6	23.34	23.28	23.30	22.15	22.18	22.24
		12	11	23.31	23.25	23.30	22.12	22.13	22.18
		25	0	23.24	23.22	23.17	22.12	22.11	22.18
	256QAM	1	0	21.29	21.20	21.22	20.16	20.05	20.02
		1	12	**21.42**	21.36	21.37	**20.33**	20.24	20.24
		1	24	21.35	21.26	21.31	20.25	20.19	20.28
		12	0	21.17	21.13	21.08	20.05	20.02	20.09
		12	6	21.26	21.26	21.20	20.16	20.15	20.21
		12	11	21.23	21.19	21.16	20.12	20.11	20.16
		25	0	21.24	21.21	21.17	20.13	20.11	20.16

OUTPUT POWER FOR LTE BAND 26 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)					
				ANT 1			ANT 2		
				N/A	26740	N/A	N/A	26740	N/A
				N/A	819.0	N/A	N/A	819.0	N/A
10.0	QPSK	1	0		**25.70**			**25.20**	
		1	24		**25.70**			25.19	
		1	49		25.64			25.16	
		25	0		25.25			24.25	
		25	12		25.31			24.36	
		25	24		25.29			24.32	
		50	0		25.32			24.33	
	16QAM	1	0		**25.46**			**24.45**	
		1	24		25.43			24.43	
		1	49		25.39			24.42	
		25	0		24.23			23.26	
		25	12		24.35			23.36	
		25	24		24.34			23.33	
		50	0		24.34			23.33	
	64QAM	1	0		24.43			**23.54**	
		1	24		**24.46**			23.48	
		1	49		24.32			23.45	
		25	0		23.29			22.14	
		25	12		23.38			22.27	
		25	24		23.35			22.21	
		50	0		23.36			22.22	
	256QAM	1	0		21.36			20.27	
		1	24		**21.49**			20.27	
		1	49		21.36			**20.35**	
		25	0		21.27			20.13	
		25	12		21.38			20.23	
		25	24		21.34			20.20	
		50	0		21.33			20.20	

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5G NR n26

Test Engineer ID:	27957	Test Date:	2024-02-26

OUTPUT POWER FOR 5G NR n26 (5.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)					
				ANT 1			ANT 2		
				163300	163800	164300	163300	163800	164300
				816.5	819.0	821.5	816.5	819.0	821.5
5.0	BPSK	1	0	24.12	25.63	25.45	23.12	25.05	25.12
		1	1	25.53	**25.70**	25.57	25.16	**25.20**	25.16
		1	23	25.27	25.58	25.53	25.14	25.02	25.12
		1	24	24.20	25.51	25.54	23.20	24.91	25.09
		12	6	25.40	25.23	25.56	25.17	25.09	25.12
		25	0	25.23	24.95	25.44	25.19	24.93	25.08
	QPSK	1	0	24.02	24.24	24.13	23.12	24.67	24.69
		1	1	**25.70**	25.05	25.08	25.18	25.06	**25.20**
		1	23	24.46	25.64	**25.70**	25.10	24.98	25.17
		1	24	24.08	24.68	25.15	23.20	24.61	24.71
		12	6	24.52	24.27	25.42	**25.20**	25.00	25.19
		25	0	23.95	23.47	24.71	24.73	24.66	24.76
	16QAM	1	0	23.93	23.30	23.13	23.67	23.18	23.99
		1	1	**25.35**	24.15	24.00	**25.18**	24.83	24.62
		1	23	23.49	24.88	25.27	24.96	24.65	24.80
		1	24	22.85	24.06	23.93	23.91	23.75	23.70
		12	6	23.63	23.37	24.41	24.69	24.81	24.76
		25	0	22.97	22.56	23.64	23.89	23.68	23.69
	64QAM	1	0	23.73	23.05	23.00	23.26	23.31	23.42
		1	1	**23.94**	23.11	23.02	23.46	23.39	23.35
		1	23	22.35	23.50	23.68	23.32	23.03	23.34
		1	24	22.44	23.48	23.86	23.09	23.20	23.29
		12	6	22.18	21.86	22.91	**23.51**	23.26	23.22
		25	0	22.38	22.08	23.22	23.45	23.23	23.20
	256QAM	1	0	21.42	21.65	21.54	21.56	21.00	21.36
		1	1	21.52	21.74	21.36	**21.64**	20.93	21.12
		1	23	21.05	**21.80**	21.54	21.28	21.10	21.15
		1	24	21.11	21.65	21.58	21.52	20.80	21.21
		12	6	20.80	20.38	21.39	21.50	21.03	21.04
		25	0	21.01	20.50	21.58	21.45	21.10	21.17

OUTPUT POWER FOR 5G NR n26 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)					
				ANT 1			ANT 2		
				N/A	163800	N/A	N/A	163800	N/A
				N/A	819.0	N/A	N/A	819.0	N/A
10.0	BPSK	1	0		25.17			24.90	
		1	1		**25.70**			**25.11**	
		1	50		25.27			25.01	
		1	51		25.12			24.82	
		25	12		25.42			24.98	
		50	0		24.93			24.59	
	QPSK	1	0		24.69			24.31	
		1	1		**25.67**			**25.13**	
		1	50		25.29			25.01	
		1	51		24.53			24.11	
		25	12		24.34			25.01	
		50	0		23.60			24.24	
	16QAM	1	0		24.48			23.87	
		1	1		**25.09**			24.69	
		1	50		24.86			**24.88**	
		1	51		23.62			23.56	
		25	12		23.39			24.72	
		50	0		23.13			23.70	
	64QAM	1	0		23.71			23.23	
		1	1		**23.83**			**23.56**	
		1	50		23.80			23.25	
		1	51		23.33			23.13	
		25	12		21.97			23.27	
		50	0		22.65			23.23	
	256QAM	1	0		20.85			20.41	
		1	1		**21.80**			20.94	
		1	50		21.42			**21.16**	
		1	51		20.89			20.35	
		25	12		20.36			21.11	
		50	0		20.57			20.72	

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

LTE BAND 26

Test Engineer ID:	39004	Test Date:	2024-02-14

OUTPUT POWER FOR LTE BAND 26 (1.4 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)					
				ANT 1			ANT 2		
				26797	26915	27033	26797	26915	27033
				824.7	836.5	848.3	824.7	836.5	848.3
1.4	QPSK	1	0	25.59	25.68	25.63	25.19	25.17	25.16
		1	2	**25.70**	**25.70**	**25.70**	25.19	**25.20**	25.18
		1	5	25.65	25.68	25.63	25.18	25.17	25.16
		3	0	25.65	25.68	25.64	**25.20**	25.16	**25.20**
		3	1	25.68	25.67	25.66	25.18	25.16	**25.20**
		3	2	25.67	25.65	25.65	25.19	25.13	25.19
		6	0	25.25	25.27	25.24	24.27	24.24	24.28
	16QAM	1	0	25.28	25.38	25.35	**24.48**	24.39	24.42
		1	2	**25.45**	25.44	25.40	24.45	24.42	24.44
		1	5	25.34	25.41	25.34	24.41	24.33	24.40
		3	0	25.37	25.38	25.36	24.29	24.41	24.37
		3	1	25.35	25.39	25.32	24.31	24.39	24.37
		3	2	25.34	25.40	25.37	24.29	24.37	24.37
		6	0	24.25	24.27	24.22	23.24	23.28	23.33
	64QAM	1	0	24.47	24.43	24.41	24.00	23.97	23.97
		1	2	**24.58**	24.52	24.43	23.98	24.02	**24.05**
		1	5	24.51	24.46	24.43	23.95	23.99	24.01
		3	0	24.36	24.40	24.39	23.93	23.90	23.87
		3	1	24.36	24.43	24.37	23.95	23.89	23.90
		3	2	24.35	24.37	24.39	23.93	23.88	23.89
		6	0	23.23	23.29	23.46	22.97	22.79	22.81
	256QAM	1	0	21.30	21.46	21.28	20.94	20.97	21.00
		1	2	21.40	**21.48**	21.34	20.98	20.98	**21.06**
		1	5	21.44	21.41	21.32	21.01	20.94	20.94
		3	0	21.32	21.42	21.39	20.93	20.83	20.92
		3	1	21.36	21.41	21.38	20.91	20.85	20.92
		3	2	21.36	21.41	21.39	20.92	20.87	20.89
		6	0	21.26	21.31	21.28	20.84	20.79	20.82

OUTPUT POWER FOR LTE BAND 26 (3.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)					
				ANT 1			ANT 2		
				26805	26915	27025	26805	26915	27025
				825.5	836.5	847.5	825.5	836.5	847.5
3.0	QPSK	1	0	25.57	25.61	25.58	25.08	25.09	25.15
		1	7	**25.70**	**25.70**	**25.70**	**25.20**	**25.20**	**25.20**
		1	14	25.57	25.60	25.57	25.09	25.13	25.08
		8	0	25.18	25.19	25.21	24.19	24.22	24.28
		8	4	25.28	25.30	25.27	24.29	24.35	24.31
		8	7	25.29	25.28	25.25	24.29	24.32	24.30
		15	0	25.28	25.27	25.22	24.26	24.29	24.24
	16QAM	1	0	25.37	25.36	25.32	24.34	24.30	24.40
		1	7	**25.45**	**25.45**	25.40	24.45	**24.51**	**24.51**
		1	14	25.35	25.41	25.32	24.37	24.33	24.31
		8	0	24.21	24.24	24.27	23.25	23.27	23.36
		8	4	24.33	24.34	24.30	23.37	23.38	23.38
		8	7	24.32	24.33	24.30	23.36	23.37	23.36
		15	0	24.28	24.31	24.24	23.28	23.30	23.30
	64QAM	1	0	24.50	**24.59**	24.57	24.11	23.98	23.99
		1	7	24.57	24.58	24.56	**24.25**	24.08	23.97
		1	14	24.44	24.50	**24.59**	24.14	23.96	23.95
		8	0	23.25	23.28	23.31	22.81	22.81	22.82
		8	4	23.36	23.39	23.38	22.93	22.92	22.92
		8	7	23.35	23.40	23.33	22.94	22.95	22.87
		15	0	23.29	23.29	23.28	22.90	22.88	22.82
	256QAM	1	0	21.20	21.24	21.29	20.83	20.90	20.89
		1	7	21.34	21.39	**21.46**	**21.07**	20.94	20.99
		1	14	21.33	21.32	21.39	20.97	20.90	20.86
		8	0	21.22	21.23	21.27	20.76	20.82	20.82
		8	4	21.34	21.33	21.31	20.90	20.93	20.87
		8	7	21.33	21.33	21.31	20.92	20.90	20.88
		15	0	21.29	21.27	21.23	20.86	20.86	20.83

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OUTPUT POWER FOR LTE BAND 26 (5.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)					
				ANT 1			ANT 2		
				26815	26915	27015	26815	26915	27015
				826.5	836.5	846.5	826.5	836.5	846.5
5.0	QPSK	1	0	25.65	25.62	25.51	25.10	25.11	25.14
		1	12	**25.70**	**25.70**	**25.70**	**25.20**	**25.20**	**25.20**
		1	24	25.64	25.56	25.54	25.13	25.08	25.09
		12	0	25.22	25.16	25.12	24.16	24.14	24.21
		12	6	25.31	25.26	25.19	24.25	24.25	24.34
		12	11	25.31	25.25	25.17	24.22	24.19	24.29
		25	0	25.28	25.21	25.10	24.25	24.20	24.21
	16QAM	1	0	25.48	25.39	25.35	24.42	24.36	24.36
		1	12	**25.59**	25.50	25.48	**24.52**	24.44	24.42
		1	24	25.47	25.41	25.37	24.42	24.35	24.33
		12	0	24.36	24.09	24.19	23.20	23.10	23.17
		12	6	24.44	24.19	24.32	23.31	23.19	23.29
		12	11	24.42	24.21	24.29	23.29	23.17	23.25
		25	0	24.30	24.25	24.11	23.25	23.22	23.21
	64QAM	1	0	24.51	24.49	24.41	**24.11**	23.92	24.02
		1	12	**24.65**	24.55	24.51	24.07	23.98	24.03
		1	24	24.53	24.48	24.44	24.02	23.99	23.97
		12	0	23.28	23.18	23.07	22.83	22.73	22.77
		12	6	23.35	23.33	23.18	22.96	22.82	22.89
		12	11	23.36	23.27	23.13	22.92	22.78	22.87
		25	0	23.32	23.28	23.12	22.87	22.80	22.77
	256QAM	1	0	21.34	21.27	21.25	20.88	20.82	20.92
		1	12	21.44	**21.48**	21.42	**21.01**	20.96	20.97
		1	24	21.37	21.37	21.35	20.99	20.79	20.95
		12	0	21.17	21.17	21.12	20.74	20.72	20.78
		12	6	21.30	21.29	21.25	20.84	20.81	20.89
		12	11	21.27	21.26	21.19	20.82	20.79	20.87
		25	0	21.29	21.24	21.11	20.83	20.75	20.78

OUTPUT POWER FOR LTE BAND 26 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)					
				ANT 1			ANT 2		
				26840	26915	26990	26840	26915	26990
				829.0	836.5	844.0	829.0	836.5	844.0
10.0	QPSK	1	0	**25.70**	25.68	25.69	**25.20**	25.19	**25.20**
		1	24	25.66	**25.70**	**25.70**	**25.20**	**25.20**	25.16
		1	49	25.60	25.63	25.69	**25.20**	25.13	25.11
		25	0	25.23	25.22	25.23	24.25	24.23	24.23
		25	12	25.31	25.23	25.34	24.33	24.33	24.31
		25	24	25.29	25.28	25.32	24.33	24.31	24.27
		50	0	25.31	25.31	25.24	24.31	24.31	24.21
	16QAM	1	0	25.44	25.46	25.42	24.40	**24.52**	24.47
		1	24	25.38	25.44	**25.48**	24.46	24.48	24.43
		1	49	25.35	25.42	25.44	24.41	24.40	24.44
		25	0	24.24	24.24	24.25	23.26	23.25	23.26
		25	12	24.33	24.25	24.33	23.36	23.34	23.33
		25	24	24.31	24.31	24.31	23.34	23.35	23.31
		50	0	24.32	24.31	24.25	23.31	23.31	23.23
	64QAM	1	0	24.58	24.57	24.64	24.18	23.97	24.04
		1	24	24.55	24.61	**24.66**	**24.20**	23.97	24.06
		1	49	24.58	24.54	24.50	24.04	23.98	24.00
		25	0	23.23	23.25	23.31	22.82	22.83	22.80
		25	12	23.32	23.25	23.42	22.95	22.92	22.90
		25	24	23.31	23.30	23.39	22.90	22.89	22.85
		50	0	23.30	23.33	23.30	22.91	22.90	22.79
	256QAM	1	0	21.34	21.35	21.33	20.94	20.89	20.88
		1	24	21.38	**21.50**	21.42	**21.08**	20.98	21.06
		1	49	21.43	21.45	21.40	21.00	20.97	20.89
		25	0	21.26	21.23	21.31	20.82	20.82	20.80
		25	12	21.33	21.27	21.41	20.92	20.92	20.89
		25	24	21.31	21.29	21.35	20.92	20.87	20.84
		50	0	21.30	21.31	21.31	20.86	20.87	20.79

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5G NR n26

Test Engineer ID:	27957	Test Date:	2024-02-26

OUTPUT POWER FOR 5G NR n26 (5.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)					
				ANT 1			ANT 2		
				165300	167300	169300	165300	167300	169300
				826.5	836.5	846.5	826.5	836.5	846.5
5.0	BPSK	1	0	25.42	25.47	25.51	25.01	25.02	25.07
		1	1	25.50	25.59	25.68	25.06	**25.18**	25.14
		1	23	**25.70**	25.69	25.61	25.16	25.12	25.10
		1	24	25.49	25.47	25.47	25.01	25.08	25.00
		12	6	25.49	25.20	25.55	25.04	25.12	25.07
		25	0	24.93	25.10	25.01	24.51	24.60	24.50
	QPSK	1	0	24.98	25.21	25.22	24.65	24.82	24.72
		1	1	25.54	**25.66**	25.60	**25.20**	25.12	**25.20**
		1	23	25.46	25.64	25.60	25.06	**25.20**	25.10
		1	24	24.98	25.26	24.67	24.72	24.76	24.48
		12	6	25.41	25.59	25.55	25.08	24.70	25.06
		25	0	24.54	24.75	24.60	24.67	24.26	24.14
	16QAM	1	0	24.27	24.29	23.90	23.38	23.91	23.88
		1	1	24.94	**25.48**	25.23	24.69	**24.91**	24.46
		1	23	25.10	25.18	24.81	24.33	24.59	24.19
		1	24	24.29	24.32	23.99	23.42	23.37	23.59
		12	6	25.09	25.23	25.10	24.73	24.85	24.67
		25	0	24.07	24.23	24.14	23.63	23.73	23.67
	64QAM	1	0	23.54	23.46	23.66	23.02	22.97	23.23
		1	1	23.60	**23.90**	23.74	**23.37**	23.27	23.33
		1	23	23.65	23.58	23.73	23.12	23.07	23.36
		1	24	23.59	23.46	23.53	23.03	22.95	23.26
		12	6	23.67	23.79	23.80	23.27	23.22	23.24
		25	0	23.84	23.84	23.79	23.24	23.29	23.28
	256QAM	1	0	21.77	21.63	21.77	21.01	21.02	20.81
		1	1	21.97	21.89	21.86	**21.31**	21.12	21.17
		1	23	21.87	21.74	**22.01**	21.04	21.23	20.91
		1	24	21.75	21.69	21.66	20.96	21.03	20.89
		12	6	21.74	21.70	21.69	21.14	21.30	21.10
		25	0	21.34	21.22	21.27	20.66	20.81	20.66

OUTPUT POWER FOR 5G NR n26 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)					
				ANT 1			ANT 2		
				165800	167300	168800	165800	167300	168800
				829.0	836.5	844.0	829.0	836.5	844.0
10.0	BPSK	1	0	25.48	25.62	25.60	25.00	25.11	24.94
		1	1	25.64	25.64	25.64	**25.20**	25.19	25.15
		1	50	25.58	25.68	**25.70**	25.06	25.16	25.04
		1	51	25.49	25.60	25.61	24.99	25.10	24.98
		25	12	25.66	25.59	25.59	25.15	25.11	25.05
		50	0	25.20	25.16	25.17	24.67	24.64	24.61
	QPSK	1	0	25.30	25.27	25.29	24.77	24.78	24.72
		1	1	**25.70**	**25.70**	25.66	25.15	25.13	25.17
		1	50	25.65	25.64	25.53	25.06	**25.20**	25.03
		1	51	25.22	25.26	24.85	24.65	24.82	24.50
		25	12	25.57	25.64	25.63	25.04	25.17	25.12
		50	0	25.32	25.27	25.28	24.77	24.74	24.75
	16QAM	1	0	24.22	24.42	24.08	23.69	23.16	23.46
		1	1	25.03	**25.55**	25.20	24.96	24.85	**24.99**
		1	50	25.31	25.01	24.87	24.82	24.55	24.85
		1	51	24.20	24.42	23.87	23.37	23.39	23.57
		25	12	25.22	25.23	25.25	24.80	24.79	24.75
		50	0	24.19	24.20	24.18	23.82	23.76	23.72
	64QAM	1	0	23.63	23.65	23.67	23.33	23.03	23.41
		1	1	23.66	**23.89**	23.68	**23.49**	23.13	23.42
		1	50	23.87	23.75	23.70	23.43	23.40	23.47
		1	51	23.65	23.74	23.64	23.25	23.04	23.41
		25	12	23.80	23.79	23.83	23.27	23.25	23.14
		50	0	23.31	23.39	23.31	22.75	22.73	22.66
	256QAM	1	0	21.56	21.64	21.50	21.19	21.08	20.74
		1	1	**21.94**	21.83	21.62	**21.32**	21.25	21.06
		1	50	21.75	21.74	21.79	21.24	21.16	20.90
		1	51	21.67	21.59	21.40	21.04	21.06	20.84
		25	12	21.87	21.87	21.88	21.15	21.23	21.20
		50	0	21.76	21.79	21.80	21.22	21.17	21.26

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OUTPUT POWER FOR 5G NR n26 (15.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)					
				ANT 1			ANT 2		
				163300	167300	168300	163300	167300	168300
				831.5	836.5	841.5	831.5	836.5	841.5
15.0	BPSK	1	0	23.99	25.68	25.64	23.38	25.13	25.14
		1	1	24.65	25.67	**25.70**	24.11	25.15	**25.20**
		1	77	**25.70**	25.62	25.51	**25.20**	25.12	25.16
		1	78	25.68	25.61	25.58	25.07	25.06	25.15
		36	18	25.43	25.61	25.48	24.97	24.96	25.12
		75	0	25.56	25.67	25.60	25.00	25.01	25.10
	QPSK	1	0	22.37	25.30	25.26	21.93	24.85	24.75
		1	1	23.56	25.69	**25.70**	23.03	**25.20**	**25.20**
		1	77	25.62	25.60	25.60	25.11	25.08	25.18
		1	78	25.25	25.17	24.73	24.77	24.60	24.54
		36	18	25.04	25.25	25.16	24.61	24.58	24.68
		75	0	24.72	25.34	25.23	24.40	24.67	24.75
	16QAM	1	0	21.33	24.12	24.21	21.14	23.41	23.96
		1	1	22.69	25.31	**25.46**	21.82	24.81	**24.95**
		1	77	24.95	25.28	24.91	24.94	24.75	24.73
		1	78	23.92	24.05	23.68	23.61	23.46	23.83
		36	18	25.13	25.31	25.28	24.59	24.64	24.70
		75	0	23.89	24.29	24.27	23.39	23.66	23.78
	64QAM	1	0	20.47	23.33	23.31	20.07	22.93	23.05
		1	1	21.05	23.67	**23.95**	20.63	**23.41**	23.25
		1	77	23.82	23.85	23.81	23.30	23.16	23.22
		1	78	23.79	23.61	23.43	23.36	23.38	23.21
		36	18	23.65	23.81	23.69	23.13	23.11	23.27
		75	0	23.47	23.78	23.72	22.72	23.13	23.26
	256QAM	1	0	19.53	21.86	21.75	19.00	21.16	21.16
		1	1	19.75	21.93	**22.05**	18.99	20.98	**21.35**
		1	77	21.97	22.04	21.77	21.11	21.02	21.30
		1	78	21.63	22.03	21.96	21.15	21.13	21.18
		36	18	21.71	21.81	21.62	21.22	21.08	21.25
		75	0	21.69	21.80	21.69	21.12	21.07	21.25

OUTPUT POWER FOR 5G NR n26 (20.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)					
				ANT 1			ANT 2		
				162800	167300	167800	162800	167300	167800
				834.0	836.5	839.0	834.0	836.5	839.0
20.0	BPSK	1	0	22.41	25.11	25.08	22.27	25.10	24.97
		1	1	22.74	25.64	**25.66**	22.65	25.13	**25.20**
		1	104	25.63	25.54	25.60	25.17	25.04	24.84
		1	105	25.50	25.58	25.56	24.64	25.03	24.91
		50	25	25.14	25.08	25.06	24.61	24.51	24.38
		100	0	23.94	25.11	25.11	23.22	25.15	24.97
	QPSK	1	0	21.04	25.23	25.28	20.80	24.79	24.67
		1	1	22.05	**25.70**	25.66	21.84	**25.20**	25.00
		1	104	25.56	25.60	25.59	25.07	25.02	24.79
		1	105	25.21	25.12	24.76	24.74	24.67	24.37
		50	25	24.61	25.10	25.14	24.71	25.12	24.98
		100	0	23.38	25.29	25.31	22.81	24.75	24.55
	16QAM	1	0	20.09	24.36	24.07	21.00	23.55	23.73
		1	1	21.45	25.32	25.36	21.16	24.49	**24.78**
		1	104	**25.43**	24.69	24.73	24.75	24.50	24.65
		1	105	24.40	24.19	23.98	23.15	23.62	23.40
		50	25	24.85	25.27	25.27	23.89	24.70	24.57
		100	0	22.51	24.25	24.29	21.87	23.76	23.60
	64QAM	1	0	18.99	23.75	23.59	20.89	23.14	23.07
		1	1	19.51	23.63	23.76	20.69	23.38	23.27
		1	104	**23.98**	23.85	23.79	**23.49**	23.35	22.93
		1	105	23.63	23.72	23.71	23.10	23.32	23.04
		50	25	23.20	23.83	23.78	22.42	23.21	22.99
		100	0	22.08	23.80	23.87	21.38	23.17	23.05
	256QAM	1	0	21.02	21.84	22.03	21.01	21.23	21.35
		1	1	21.19	21.46	21.94	21.30	21.00	21.12
		1	104	21.76	**22.06**	21.99	21.14	**21.40**	21.12
		1	105	21.90	21.80	21.89	21.23	21.09	21.02
		50	25	21.56	21.74	21.71	20.71	21.15	20.97
		100	0	20.20	21.78	21.78	19.61	21.17	21.02

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8.2. LTE BAND 30 AND 5G NR n30

LTE BAND 30

Test Engineer ID:	39004	Test Date:	2024-02-08

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	25.54	25.54	25.62	22.26	22.26	22.32	25.22	25.19	25.18	22.51	22.50	22.58
		1	12	**25.70**	**25.70**	**25.70**	**22.40**	**22.40**	**22.40**	**25.30**	**25.30**	**25.30**	**22.70**	**22.70**	**22.70**
		1	24	25.59	25.53	25.59	22.34	22.29	22.30	25.17	25.18	25.16	22.63	22.60	22.62
		12	0	25.22	25.12	25.23	21.34	21.29	21.35	24.22	24.21	24.25	21.61	21.53	21.57
		12	6	25.28	25.16	25.31	21.38	21.30	21.38	24.28	24.17	24.26	21.71	21.58	21.69
		12	11	25.22	25.15	25.28	21.35	21.30	21.28	24.17	24.13	24.17	21.73	21.66	21.64
		25	0	25.24	25.13	25.23	21.33	21.29	21.36	24.22	24.14	24.25	21.69	21.56	21.67
	16QAM	1	0	25.44	25.33	25.39	21.40	21.45	21.54	24.42	24.38	24.27	21.79	21.78	21.74
		1	12	**25.49**	25.48	25.48	21.54	21.57	**21.64**	**24.54**	24.41	24.43	21.94	**21.96**	21.88
		1	24	25.44	25.35	25.39	21.47	21.42	21.46	24.38	24.34	24.30	21.89	21.84	21.81
		12	0	24.28	24.18	24.29	20.38	20.29	20.35	23.17	23.28	23.26	20.59	20.56	20.57
		12	6	24.31	24.20	24.32	20.45	20.32	20.39	23.19	23.23	23.28	20.79	20.59	20.78
		12	11	24.29	24.17	24.27	20.42	20.30	20.27	23.09	23.21	23.18	20.68	20.62	20.57
		25	0	24.24	24.15	24.24	20.34	20.27	20.39	23.22	23.14	23.24	20.71	20.57	20.67
	64QAM	1	0	24.48	24.42	24.49	20.42	20.42	20.28	24.02	23.81	23.82	20.86	20.88	20.81
		1	12	**24.56**	24.46	24.51	**20.55**	20.49	20.44	**24.07**	23.89	23.96	**21.01**	**21.01**	20.88
		1	24	24.50	24.39	24.45	20.43	20.38	20.36	23.98	23.96	23.97	20.97	20.87	20.86
		12	0	23.32	23.08	23.23	19.24	19.26	19.32	22.78	22.66	22.75	19.58	19.58	19.60
		12	6	23.36	23.13	23.30	19.22	19.23	19.37	22.84	22.72	22.77	19.79	19.61	19.76
		12	11	23.32	23.11	23.25	19.21	19.18	19.35	22.71	22.77	22.80	19.69	19.67	19.70
		25	0	23.27	23.12	23.22	19.19	19.19	19.32	22.80	22.80	22.73	19.69	19.57	19.71
	256QAM	1	0	21.34	21.21	21.29	17.32	17.41	17.41	20.77	20.72	20.81	17.73	17.73	17.76
		1	12	21.43	21.36	21.37	17.38	**17.56**	17.47	20.86	20.82	**20.87**	17.79	17.89	17.84
		1	24	**21.45**	21.24	21.25	17.25	17.43	17.41	20.80	20.82	20.81	**17.90**	17.76	17.75
		12	0	21.25	21.10	21.23	17.25	17.26	17.31	20.76	20.68	20.70	17.61	17.55	17.56
		12	6	21.25	21.15	21.28	17.21	17.25	17.35	20.79	20.74	20.74	17.73	17.58	17.70
		12	11	21.22	21.12	21.27	17.17	17.22	17.30	20.79	20.77	20.78	17.70	17.65	17.66
		25	0	21.22	21.10	21.23	17.17	17.19	17.34	20.75	20.77	20.69	17.68	17.54	17.66

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		25.65			22.34			24.85			22.63	
		1	24		**25.70**			**22.40**			**25.29**			**22.70**	
		1	49		25.65			22.34			25.27			22.66	
		25	0		25.21			21.34			24.29			21.66	
		25	12		25.25			21.39			24.26			21.68	
		25	24		25.24			21.36			24.24			21.77	
		50	0		25.23			21.35			24.24			21.67	
	16QAM	1	0		25.04			21.54			24.04			21.88	
		1	24		**25.42**			**21.55**			**24.47**			21.86	
		1	49		**25.42**			21.54			24.37			**21.90**	
		25	0		24.25			20.37			23.33			20.70	
		25	12		24.28			20.41			23.26			20.75	
		25	24		24.25			20.37			23.25			20.81	
		50	0		24.25			20.35			23.22			20.67	
	64QAM	1	0		24.56			20.16			24.00			20.78	
		1	24		**24.69**			**20.59**			23.95			20.90	
		1	49		24.48			20.56			**24.07**			**20.95**	
		25	0		23.25			19.38			22.82			19.69	
		25	12		23.28			19.35			22.91			19.75	
		25	24		23.26			19.31			22.90			19.80	
		50	0		23.24			19.31			22.93			19.68	
	256QAM	1	0		21.31			17.47			20.93			17.75	
		1	24		**21.37**			**17.49**			**20.98**			**17.96**	
		1	49		21.35			17.36			**20.98**			17.81	
		25	0		21.24			17.37			20.79			17.68	
		25	12		21.25			17.34			20.92			17.71	
		25	24		21.23			17.31			20.89			17.76	
		50	0		21.22			17.29			20.87			17.71	

5G NR n30

Test Engineer ID:	27957	Test Date:	2024-02-22

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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	20.51	20.45	20.37	18.70	18.69	18.48	20.00	20.00	19.97	17.70	17.64	17.50
		1	1	20.40	20.47	20.32	18.34	18.69	18.78	20.00	19.98	19.83	17.67	17.70	17.63
		1	23	20.62	20.63	20.65	18.39	18.19	18.75	20.00	19.95	19.81	17.61	17.60	17.70
		1	24	20.70	20.70	20.70	18.77	18.39	18.39	19.94	19.93	20.00	17.61	17.70	17.70
		12	6	20.53	20.59	20.46	18.39	18.39	18.39	20.00	20.00	19.99	17.60	17.44	17.54
		25	0	25.15	**25.20**	25.13	22.22	22.25	**22.28**	24.74	**24.80**	24.75	22.17	22.15	**22.20**
	QPSK	1	0	20.49	20.43	20.35	18.38	**18.70**	18.60	**19.98**	**19.98**	19.95	**17.68**	17.62	17.48
		1	1	20.38	20.45	20.30	18.32	18.67	18.38	**19.98**	19.96	19.81	17.65	**17.68**	17.61
		1	23	20.60	20.61	20.63	18.48	18.17	18.35	**19.98**	19.93	19.79	17.59	17.58	**17.68**
		1	24	**20.68**	**20.68**	**20.68**	18.37	18.37	18.37	19.92	19.91	**19.98**	17.59	**17.68**	**17.68**
		12	6	20.54	20.59	20.51	**18.37**	**18.37**	18.37	20.00	19.89	19.55	17.70	17.45	17.58
		25	0	**24.80**	24.72	24.79	21.47	21.46	**21.99**	24.00	**24.18**	24.06	21.84	21.80	**21.87**
	16QAM	1	0	20.51	20.45	20.37	18.40	18.40	18.40	**20.00**	**20.00**	19.97	**17.70**	17.64	17.50
		1	1	20.40	20.47	20.32	**18.65**	18.31	18.40	**20.00**	19.98	19.83	17.67	**17.70**	17.63
		1	23	20.62	20.63	20.65	18.39	18.57	18.37	**20.00**	19.95	19.81	17.61	17.60	**17.70**
		1	24	**20.70**	**20.70**	**20.70**	18.39	18.39	18.39	19.94	19.93	**20.00**	17.61	**17.70**	**17.70**
		12	6	20.39	20.48	20.69	**18.37**	**18.37**	18.37	20.00	20.00	19.77	17.22	17.65	17.70
		25	0	24.10	**24.17**	24.13	20.45	20.54	**20.93**	23.80	**23.90**	23.79	21.13	**21.27**	21.16
	64QAM	1	0	20.43	20.37	20.29	18.32	18.32	18.32	**19.92**	**19.92**	19.89	**17.62**	17.56	17.42
		1	1	20.32	20.39	20.24	18.64	18.23	**18.70**	**19.92**	19.90	19.75	17.59	**17.62**	17.55
		1	23	20.54	20.55	20.57	18.31	18.49	18.29	**19.92**	19.87	19.73	17.53	17.52	**17.62**
		1	24	**20.62**	**20.62**	**20.62**	18.31	18.31	18.31	19.86	19.85	**19.92**	17.53	**17.62**	**17.62**
		12	6	20.22	20.45	20.48	**18.37**	**18.37**	18.37	19.78	19.85	19.55	20.84	**20.86**	20.80
		25	0	**23.65**	**23.65**	23.56	20.00	20.02	**20.47**	**23.31**	**23.31**	23.23	17.50	17.45	17.25
	256QAM	1	0	20.31	20.25	20.17	**18.58**	18.20	18.20	**19.80**	**19.80**	19.77	**17.50**	17.44	17.30
		1	1	20.20	20.27	20.12	18.14	18.11	**18.58**	**19.80**	19.78	19.63	17.47	**17.50**	17.43
		1	23	20.42	20.43	20.45	18.57	18.37	18.17	**19.80**	19.75	19.61	17.41	17.40	**17.50**
		1	24	**20.50**	**20.50**	**20.50**	18.19	18.57	18.57	19.74	19.73	**19.80**	17.41	**17.50**	**17.50**
		12	6	20.12	20.53	20.44	**18.37**	**18.37**	18.37	19.69	19.75	20.00	17.68	17.44	17.65
		25	0	**21.63**	21.60	21.54	18.38	18.37	**18.40**	21.29	**21.31**	21.30	18.69	**18.72**	18.66

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		20.34			18.69			20.00			17.70	
		1	1		20.25			18.68			19.97			17.70	
		1	50		20.70			18.70			19.90			17.54	
		1	51		20.70			18.70			20.00			17.66	
		25	12		20.58			18.48			19.58			17.44	
		50	0		**25.20**			**22.40**			**24.80**			**22.20**	
	QPSK	1	0		20.34			18.69			19.67			17.58	
		1	1		20.25			18.68			19.99			17.56	
		1	50		20.70			18.70			20.04			17.47	
		1	51		20.58			18.70			19.62			17.65	
		25	12		20.48			18.48			19.98			17.41	
		50	0		**24.90**			**22.12**			**24.42**			**22.03**	
	16QAM	1	0		20.48			**18.69**			19.67			17.68	
		1	1		20.69			18.68			19.99			17.56	
		1	50		20.47			18.65			20.00			17.47	
		1	51		20.66			18.45			19.62			17.45	
		25	12		20.28			18.48			19.50			17.65	
		50	0		**23.95**			**21.85**			**24.00**			**21.08**	
	64QAM	1	0		20.45			18.69			**20.00**			17.45	
		1	1		**20.47**			18.68			19.98			17.46	
		1	50		20.12			**18.70**			**20.00**			17.55	
		1	51		20.45			**18.70**			19.88			**17.69**	
		25	12		20.60			18.48			19.98			17.59	
		50	0		23.36			20.58			23.58			20.57	
	256QAM	1	0		20.48			18.69			20.00			17.69	
		1	1		20.63			18.68			19.85			17.45	
		1	50		20.45			**18.70**			19.88			17.39	
		1	51		20.66			**18.70**			20.00			17.45	
		25	12		20.48			18.48			20.00			17.66	
		50	0		**21.40**			**18.95**			**21.35**			**18.50**	

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8.3. LTE BAND 41 AND 5G NR n41 (FCC)

LTE BAND 41

Test Engineer ID:	39004	Test Date:	2024-02-15

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	25.40	28.49	27.64	25.83	28.21	27.71	24.04	27.78	26.77	22.82	27.45	26.22
		1	12	27.70	28.51	27.70	27.84	28.26	27.73	26.05	27.85	26.81	26.15	27.59	26.30
		1	24	27.69	28.44	27.64	27.81	28.18	27.66	26.01	27.77	26.73	26.30	27.49	26.27
		12	0	24.41	28.54	27.36	24.85	**28.57**	27.76	23.10	**28.00**	26.84	22.06	27.55	25.30
		12	6	24.47	**28.70**	27.41	24.90	28.55	27.78	23.13	27.81	26.87	22.24	27.59	25.36
		12	11	27.47	28.47	27.39	27.85	28.52	27.76	26.02	27.77	26.88	25.18	**27.70**	25.34
		25	0	24.42	28.47	27.38	24.81	28.53	27.78	23.01	27.77	26.86	22.09	27.60	25.32
	16QAM	1	0	24.56	28.63	27.43	24.99	28.64	27.92	23.23	**27.91**	26.93	22.01	27.63	25.42
		1	12	27.60	28.13	27.54	28.00	28.44	28.00	26.18	27.66	27.00	25.38	27.45	25.48
		1	24	27.56	**28.64**	27.47	27.96	**28.65**	27.91	26.20	27.87	26.99	25.51	**27.69**	25.44
		12	0	23.50	28.17	26.46	23.95	28.40	26.95	22.22	27.45	25.94	21.14	26.63	24.26
		12	6	23.44	28.30	26.42	24.05	28.26	26.97	22.23	27.55	26.03	21.21	26.73	24.34
		12	11	26.41	28.18	26.41	26.95	28.22	26.99	24.99	27.56	25.96	24.28	26.70	24.42
		25	0	23.43	28.17	26.43	23.83	28.21	26.88	22.03	27.46	25.95	21.13	26.63	24.35
	64QAM	1	0	23.69	28.42	26.68	24.36	28.42	26.98	20.77	27.42	25.29	25.77	27.50	25.26
		1	12	26.82	**28.45**	26.77	27.57	28.50	27.08	24.05	**27.58**	25.50	26.00	**27.57**	25.25
		1	24	26.69	**28.45**	26.67	27.53	**28.51**	27.05	24.06	27.45	25.29	25.75	27.52	25.22
		12	0	22.52	27.32	25.41	23.22	27.36	25.88	19.76	26.35	24.30	24.83	26.37	24.16
		12	6	22.43	27.17	25.44	23.27	27.39	25.90	19.89	26.39	24.37	24.84	26.34	24.20
		12	11	25.40	27.19	25.54	26.22	27.34	25.88	22.89	26.26	24.37	24.86	26.33	24.07
		25	0	22.45	27.19	25.47	23.17	27.33	25.88	19.71	26.34	24.33	24.84	26.32	24.18
	256QAM	1	0	20.57	25.37	23.50	21.34	25.51	24.01	17.66	24.43	22.43	22.88	24.46	22.24
		1	12	23.71	**25.45**	23.64	24.40	**25.55**	24.11	20.96	**24.57**	22.51	23.08	**24.56**	22.32
		1	24	23.61	25.36	23.51	24.26	25.39	23.85	20.97	24.38	22.28	22.76	24.47	22.17
		12	0	20.44	25.27	23.45	21.21	25.38	23.85	17.67	24.36	22.31	22.79	24.38	22.18
		12	6	20.49	25.36	23.51	21.26	25.35	23.91	17.84	24.41	22.37	22.85	24.36	22.17
		12	11	23.50	25.23	23.50	24.27	25.34	23.87	20.82	24.33	22.33	22.86	24.35	22.20
		25	0	20.45	25.17	23.44	21.15	25.31	23.90	17.71	24.37	22.35	22.80	24.32	22.16

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	23.37	28.53	27.68	23.88	28.56	27.73	22.06	27.83	26.79	20.60	27.50	26.23
		1	24	27.70	28.58	27.70	27.87	28.60	27.80	26.04	27.89	26.87	26.12	27.56	26.30
		1	49	27.66	28.50	27.65	27.82	28.53	27.73	25.99	27.83	26.83	26.30	27.53	26.27
		25	0	24.46	**28.70**	27.44	24.93	**28.70**	27.85	23.11	**28.00**	26.94	21.97	27.62	25.36
		25	12	27.49	28.57	27.48	28.00	28.64	27.86	26.20	27.91	26.99	25.16	**27.70**	25.38
		25	24	26.45	28.57	27.38	26.89	28.64	27.81	25.08	27.90	26.91	24.22	27.56	25.40
		50	0	24.43	28.58	27.44	24.98	28.62	27.86	23.17	27.89	26.94	22.04	27.63	25.35
	16QAM	1	0	22.44	**28.60**	27.46	22.96	**28.69**	27.86	21.15	**27.93**	26.91	19.72	27.63	25.33
		1	24	27.54	28.45	27.47	27.95	28.65	28.00	26.14	27.45	27.00	25.25	27.50	25.47
		1	49	27.41	**28.60**	27.40	27.90	28.61	27.93	26.10	27.92	26.91	25.39	**27.67**	25.36
		25	0	23.48	28.37	26.45	23.96	28.37	26.97	22.18	27.63	26.03	21.00	26.69	24.39
		25	12	26.53	28.32	26.51	27.00	28.31	26.99	25.18	27.59	26.08	24.21	26.73	24.42
		25	24	25.48	28.31	26.41	25.90	28.30	26.91	24.08	27.59	25.98	23.27	26.64	24.40
		50	0	23.44	28.29	26.46	23.95	28.26	27.00	22.14	27.53	26.02	21.06	26.64	24.38
	64QAM	1	0	21.65	**28.67**	26.63	22.15	28.42	27.12	18.80	27.52	25.50	20.74	27.38	25.13
		1	24	26.66	28.61	26.73	27.22	**28.47**	27.17	24.19	27.66	25.64	25.71	**27.54**	25.34
		1	49	26.62	28.53	26.64	27.12	28.44	27.10	24.35	**27.67**	25.54	25.70	27.42	25.22
		25	0	22.50	27.44	25.50	23.03	27.39	25.98	19.93	26.46	24.45	21.65	26.40	24.23
		25	12	25.55	27.40	25.51	26.07	27.36	26.01	23.04	26.50	24.47	24.61	26.35	24.29
		25	24	24.49	27.39	25.44	24.95	27.36	25.93	22.09	26.40	24.46	23.56	26.38	24.20
		50	0	22.47	27.35	25.49	23.03	27.33	25.96	19.96	26.44	24.46	21.62	26.33	24.22
	256QAM	1	0	23.53	25.49	23.49	24.04	25.40	24.02	20.69	24.48	22.49	22.60	24.41	22.25
		1	24	23.61	**25.59**	23.55	24.08	**25.52**	24.08	21.08	**24.65**	22.62	22.70	**24.52**	22.32
		1	49	23.61	25.45	23.53	24.00	25.37	24.00	21.19	24.48	22.42	22.50	24.39	22.12
		25	0	23.48	25.49	23.51	24.00	25.40	23.97	20.90	24.47	22.45	22.61	24.45	22.25
		25	12	23.50	25.45	23.55	24.04	25.39	24.01	21.03	24.52	22.47	22.67	24.38	22.27
		25	24	23.50	25.39	23.46	23.97	25.40	23.94	21.11	24.44	22.44	22.52	24.37	22.16
		50	0	23.50	25.38	23.50	24.02	25.34	23.98	20.97	24.51	22.44	22.61	24.31	22.24

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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	23.36	28.45	27.59	23.95	28.32	27.90	22.07	27.66	26.76	20.58	27.51	26.14
		1	37	27.70	28.51	27.68	27.87	28.33	28.00	26.06	27.78	26.86	26.17	27.61	26.26
		1	74	27.69	28.41	27.60	27.80	28.28	27.93	26.01	27.71	26.66	26.05	27.52	26.24
		36	0	23.49	**28.70**	27.48	24.02	28.44	27.71	22.18	**28.00**	26.96	21.01	27.66	25.31
		36	16	27.53	28.53	27.51	28.00	28.37	27.69	26.20	27.79	26.98	25.24	**27.70**	25.35
		36	35	24.45	28.54	27.43	24.93	28.46	27.50	23.12	27.81	26.91	22.22	27.59	25.37
		75	0	23.43	28.55	27.47	24.03	**28.70**	27.55	22.17	27.77	26.96	21.11	27.68	25.34
	16QAM	1	0	22.54	28.66	27.53	23.10	28.54	27.50	21.14	27.65	26.92	19.74	27.64	25.35
		1	37	27.60	**28.69**	27.62	27.99	**28.62**	27.59	26.15	**27.95**	27.00	25.44	**27.68**	25.40
		1	74	27.55	28.45	27.58	27.91	28.56	27.45	26.08	27.90	26.89	25.30	27.65	25.32
		36	0	22.52	28.35	26.50	23.03	28.38	26.50	21.15	27.59	26.04	20.02	26.70	24.36
		36	16	26.57	28.28	26.51	27.03	28.30	26.49	25.23	27.53	26.06	24.25	26.73	24.38
		36	35	23.44	28.28	26.43	23.94	28.30	26.43	22.10	27.52	25.99	21.26	26.63	24.40
		75	0	22.44	28.29	26.49	23.02	28.31	26.52	21.17	27.50	26.07	20.11	26.69	24.37
	64QAM	1	0	21.65	28.48	26.63	22.28	28.29	26.85	19.02	27.52	25.50	20.67	27.46	25.12
		1	37	26.70	**28.59**	26.73	27.19	**28.33**	27.11	24.33	**27.66**	25.63	25.61	**27.54**	25.38
		1	74	26.62	28.53	26.68	27.11	28.26	26.98	24.44	27.48	25.61	25.57	27.44	25.22
		36	0	21.53	27.37	25.49	22.08	27.22	25.87	19.02	26.38	24.45	20.53	26.40	24.18
		36	16	25.53	27.30	25.53	26.07	27.18	25.86	23.13	26.38	24.44	24.53	26.34	24.21
		36	35	22.46	27.28	25.43	23.02	27.17	25.82	20.21	26.32	24.42	21.47	26.34	24.14
		75	0	21.45	27.28	25.51	22.07	27.20	25.90	19.09	26.40	24.43	20.53	26.35	24.21
	256QAM	1	0	23.64	25.34	23.61	24.20	25.26	23.90	20.82	24.39	22.51	22.44	24.42	22.21
		1	37	23.70	**25.49**	23.67	24.24	**25.33**	24.02	21.40	**24.56**	22.60	22.53	**24.54**	22.41
		1	74	23.60	25.37	23.61	24.13	25.20	23.89	21.27	24.47	22.40	22.49	24.49	22.32
		36	0	23.57	25.35	23.51	24.10	25.22	23.86	21.06	24.42	22.46	22.49	24.44	22.20
		36	16	23.57	25.30	23.51	24.11	25.14	23.89	21.15	24.45	22.43	22.49	24.38	22.23
		36	35	23.49	25.28	23.45	24.05	25.15	23.82	21.24	24.39	22.45	22.47	24.39	22.16
		75	0	23.51	25.27	23.53	24.12	25.17	23.89	21.15	24.45	22.48	22.50	24.39	22.24

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	23.32	28.47	27.66	23.67	28.53	27.97	22.06	27.82	26.86	20.59	27.62	26.30
		1	49	27.68	28.44	27.61	27.80	28.51	27.97	26.08	27.81	26.81	26.22	27.55	26.23
		1	99	27.59	28.47	27.70	27.81	28.56	28.00	26.03	27.83	26.84	26.30	**27.70**	26.28
		50	0	23.44	**28.70**	27.38	23.77	**28.70**	27.41	22.14	**28.00**	26.90	21.09	27.61	25.37
		50	24	27.38	28.46	27.41	27.75	28.55	27.49	26.20	27.84	26.92	25.22	27.61	25.38
		50	49	24.37	28.46	27.33	24.71	28.55	27.31	23.04	27.82	26.86	22.27	27.54	25.39
		100	0	23.37	28.47	27.40	23.90	28.55	27.36	22.13	27.81	26.91	21.15	27.64	25.37
	16QAM	1	0	22.47	**28.57**	27.32	22.85	28.61	27.33	20.91	27.86	27.00	19.67	27.63	25.36
		1	49	27.70	28.44	27.57	28.00	**28.68**	27.23	26.13	**27.95**	26.87	25.51	**27.65**	25.53
		1	99	27.31	28.43	27.40	27.86	28.65	27.20	26.03	27.83	26.96	25.37	27.63	25.38
		50	0	22.47	28.25	26.39	23.00	28.06	26.38	21.13	27.58	25.93	20.10	26.64	24.40
		50	24	26.36	28.16	26.42	26.98	27.98	26.41	25.21	27.56	25.97	24.22	26.64	24.39
		50	49	23.36	28.19	26.34	23.87	27.98	26.43	22.06	27.58	25.94	21.27	26.56	24.39
		100	0	22.35	28.18	26.40	23.01	28.00	26.50	21.13	27.55	25.98	20.21	26.60	24.38
	64QAM	1	0	21.62	28.33	26.57	22.08	28.11	26.90	18.84	27.55	26.31	20.58	27.47	25.25
		1	49	26.71	**28.54**	26.62	26.91	**28.37**	26.87	24.54	27.65	26.39	25.53	27.51	25.31
		1	99	26.49	28.38	26.62	26.80	28.17	26.89	24.39	**27.95**	26.40	25.44	**27.60**	25.34
		50	0	21.46	27.23	25.39	21.79	27.20	25.84	19.05	26.92	25.29	20.41	26.38	24.24
		50	24	25.38	27.20	25.38	25.82	27.17	25.88	23.22	26.89	25.29	24.51	26.34	24.27
		50	49	22.37	27.15	25.34	22.73	27.17	25.83	20.24	26.88	25.22	21.45	26.33	24.21
		100	0	21.34	27.18	25.40	21.76	27.15	25.84	19.21	26.89	25.27	20.49	26.35	24.30
	256QAM	1	0	23.58	**25.45**	23.53	23.83	25.17	23.91	21.09	**24.51**	22.46	22.49	**24.55**	22.37
		1	49	23.53	25.31	23.55	23.78	25.23	24.01	21.47	24.41	22.47	22.56	24.49	22.31
		1	99	23.51	25.21	23.58	23.75	**25.27**	23.92	21.53	24.48	22.36	22.79	**24.55**	22.22
		50	0	23.44	25.24	23.40	23.80	25.16	23.83	21.21	24.39	22.38	22.48	24.39	22.24
		50	24	23.40	25.19	23.42	23.86	25.12	23.85	21.32	24.39	22.41	22.51	24.36	22.28
		50	49	23.40	25.19	23.36	23.79	25.13	23.79	21.38	24.32	22.33	22.47	24.36	22.20
		100	0	23.36	25.17	23.41	23.83	25.12	23.84	21.25	24.39	22.40	22.52	24.36	22.28

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5G NR n41 (FCC)

Test Engineer ID:	27957	Test Date:	2024-02-20

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	22.21	25.89	25.46	22.57	25.95	24.44	20.18	25.05	23.38	20.13	25.40	22.97
		1	1	27.62	**28.70**	27.70	28.00	28.61	28.00	26.20	27.94	27.00	26.22	**27.61**	26.24
		1	22	24.34	28.50	27.46	24.61	28.60	27.69	22.55	27.89	26.93	22.77	27.60	26.23
		1	23	22.24	26.03	25.61	22.65	26.12	24.46	20.30	25.11	23.39	20.26	25.46	23.05
		12	6	24.19	28.35	27.28	24.55	**28.70**	26.94	22.37	27.93	26.85	22.54	27.53	26.13
		24	0	24.44	28.29	26.93	24.67	28.61	27.48	22.48	**27.96**	26.45	22.52	27.51	26.04
	QPSK	1	0	21.81	25.88	25.59	22.03	26.10	24.37	19.68	25.13	23.36	19.75	25.35	22.94
		1	1	27.70	**28.31**	26.94	27.38	**28.68**	27.54	26.04	**28.00**	26.89	26.30	**27.70**	26.30
		1	22	24.26	27.97	26.83	24.66	28.63	27.03	22.45	27.87	26.81	22.74	27.57	26.26
		1	23	21.84	26.12	25.73	22.17	26.15	24.43	19.69	25.16	23.38	19.78	25.47	22.95
		12	6	23.26	28.06	26.64	23.58	28.57	26.87	21.38	27.96	26.82	21.46	27.64	25.91
		24	0	23.32	27.54	26.19	23.59	27.92	26.17	21.43	27.74	25.93	21.54	27.69	25.31
	16QAM	1	0	21.38	25.81	25.38	22.06	26.01	24.17	19.76	25.08	22.83	19.73	25.23	22.66
		1	1	27.09	**27.74**	26.43	26.67	**28.26**	26.97	25.34	27.68	25.88	25.12	**27.68**	25.64
		1	22	23.98	27.48	25.90	24.15	27.68	26.26	22.30	27.66	25.86	22.22	27.54	25.55
		1	23	21.99	25.89	25.66	22.15	26.10	24.51	19.87	25.45	23.26	19.78	25.53	23.03
		12	6	22.90	27.62	26.22	23.21	28.01	25.96	20.81	**27.73**	25.82	20.99	27.57	25.33
		24	0	22.65	26.94	25.52	23.14	26.95	25.37	21.00	26.68	24.84	21.07	26.90	24.37
	64QAM	1	0	20.97	25.58	25.24	21.47	26.34	24.51	19.58	25.24	23.53	19.31	25.36	22.95
		1	1	25.40	26.56	25.44	25.36	**27.13**	25.77	23.65	**26.44**	24.68	23.66	26.52	23.94
		1	22	24.15	26.50	25.37	24.49	26.72	25.25	22.95	26.42	24.45	22.77	26.51	23.92
		1	23	21.46	25.83	25.34	21.49	26.35	24.67	19.70	25.32	23.65	19.50	25.37	22.96
		12	6	22.83	26.65	25.24	22.98	26.49	25.02	20.86	26.05	24.33	21.15	**26.55**	23.95
		24	0	22.74	**26.71**	25.28	23.22	26.51	24.98	21.01	26.14	24.24	21.06	26.43	23.95
	256QAM	1	0	19.66	25.16	24.45	20.13	24.89	23.16	17.75	24.00	22.30	17.87	24.36	21.93
		1	1	23.62	**25.57**	24.71	23.70	**25.24**	23.63	21.59	**24.39**	22.48	21.87	**24.53**	22.32
		1	22	23.52	25.39	24.54	23.46	25.14	23.44	21.54	24.37	22.39	21.84	24.48	22.08
		1	23	20.13	25.25	24.54	20.13	25.13	23.39	17.84	24.15	22.33	17.96	24.48	22.00
		12	6	21.25	24.94	24.04	21.71	25.14	23.31	19.30	23.95	22.06	19.47	24.45	22.01
		24	0	21.20	24.97	24.26	21.71	25.06	23.41	19.36	24.04	22.23	19.52	24.42	22.00

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OUTPUT POWER FOR 5G NR n41 (15.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 2			ANT 1			ANT 4			ANT 3		
				500700	518600	536500	500700	518600	536500	500700	518600	536500	500700	518600	536500
				2503.5	2593.0	2682.5	2503.5	2593.0	2682.5	2503.5	2593.0	2682.5	2503.5	2593.0	2682.5
15.0	BPSK	1	0	22.29	26.07	25.33	22.46	26.12	24.57	20.16	25.04	23.40	20.12	25.30	23.07
		1	1	22.26	28.65	27.70	22.46	28.65	28.00	20.19	27.84	27.00	20.18	27.62	26.26
		1	36	27.70	**28.70**	27.28	28.00	28.62	27.69	26.20	**28.00**	26.92	26.27	27.61	26.30
		1	37	24.45	26.26	25.64	24.55	26.04	24.45	22.58	25.04	23.41	22.68	25.44	23.25
		18	9	24.28	28.62	27.00	24.46	28.63	27.30	22.44	27.89	26.80	22.57	27.50	26.21
		36	0	24.34	28.20	26.79	24.46	**28.70**	27.49	22.43	27.95	26.40	22.59	**27.65**	26.01
	QPSK	1	0	21.75	26.28	25.35	22.04	26.25	24.51	19.65	25.15	23.50	19.60	25.42	23.08
		1	1	21.80	**28.39**	26.88	22.06	**28.60**	27.64	19.64	27.90	26.89	19.69	27.48	26.23
		1	36	27.55	28.07	26.55	27.26	28.42	27.04	26.05	27.91	26.98	26.30	27.58	26.19
		1	37	24.39	26.23	25.59	24.55	26.04	24.52	22.67	25.11	23.28	22.83	25.41	23.18
		18	9	23.28	28.02	26.52	23.44	28.13	26.64	21.33	**27.97**	26.74	21.57	**27.60**	25.75
		36	0	23.19	27.54	25.96	23.44	27.50	26.23	21.32	27.66	25.78	21.54	27.42	25.25
	16QAM	1	0	21.37	26.02	25.51	21.80	26.11	24.64	19.80	24.96	23.43	19.48	25.37	22.65
		1	1	21.81	**28.06**	26.40	21.87	**27.97**	26.64	19.61	27.51	25.88	19.54	**27.70**	25.57
		1	36	26.56	27.63	26.23	26.13	27.19	25.97	24.89	**27.76**	25.73	25.32	27.02	25.15
		1	37	24.14	26.54	25.11	24.48	25.99	24.78	22.87	24.87	23.19	22.79	25.29	22.96
		18	9	22.74	27.51	25.97	22.89	27.58	26.16	20.88	27.57	25.85	21.07	27.49	25.50
		36	0	22.69	27.07	25.43	22.93	26.77	25.30	20.92	26.71	24.88	21.01	26.66	24.50
	64QAM	1	0	21.27	26.17	25.55	21.43	26.29	24.45	19.58	25.66	23.50	19.31	25.46	23.24
		1	1	21.17	**27.02**	25.56	21.26	**26.90**	25.55	19.43	**26.50**	24.64	19.34	26.15	24.30
		1	36	25.37	26.69	25.15	25.04	26.74	25.04	23.82	26.35	24.56	23.79	26.14	24.30
		1	37	24.10	26.05	25.19	24.53	26.59	24.73	22.83	25.28	23.51	22.70	25.48	22.90
		18	9	22.84	26.80	25.04	22.79	26.30	25.15	20.98	26.06	24.23	21.08	**26.29**	24.06
		36	0	22.84	26.79	25.21	22.86	26.30	25.00	20.86	26.06	24.29	21.08	26.19	24.09
	256QAM	1	0	20.33	25.32	24.73	19.73	25.10	23.48	17.64	**24.31**	22.56	17.82	24.27	22.32
		1	1	20.00	25.32	24.62	19.48	25.23	23.32	17.71	23.99	22.51	17.74	24.39	22.37
		1	36	23.62	25.21	24.45	23.42	**25.31**	23.27	21.51	24.20	22.15	21.98	24.48	22.33
		1	37	23.50	**25.51**	24.28	23.45	25.03	23.41	21.85	24.21	22.26	21.85	**24.62**	22.24
		18	9	21.30	24.97	23.97	21.53	25.09	23.45	19.44	24.00	22.22	19.39	24.37	22.09
		36	0	21.26	25.16	24.21	21.45	24.92	23.54	19.34	23.95	22.23	19.48	24.41	22.11

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	22.32	25.97	25.30	22.16	26.05	24.61	20.06	24.94	23.43	20.06	25.37	23.04
		1	1	22.34	28.57	27.70	22.20	**28.70**	28.00	20.12	**28.00**	27.00	20.20	**27.70**	26.17
		1	49	27.70	**28.68**	27.00	28.00	28.58	27.65	26.19	27.78	26.92	26.29	27.69	26.30
		1	50	24.56	26.15	25.38	24.26	26.10	24.63	22.45	24.91	23.33	22.69	25.50	23.12
		25	12	24.42	24.68	26.88	24.22	28.56	27.37	22.46	27.73	26.80	22.71	27.64	26.25
		50	0	24.39	28.45	26.68	24.23	28.59	27.50	22.44	27.79	26.37	22.53	27.66	26.08
	QPSK	1	0	21.84	26.19	25.12	21.71	26.08	24.63	19.60	25.05	23.28	19.65	25.41	23.01
		1	1	22.04	**28.67**	26.93	21.68	**28.60**	27.86	19.56	**27.84**	26.99	19.70	**27.58**	26.25
		1	49	27.64	28.08	26.42	27.05	28.42	26.97	26.20	27.78	26.88	26.30	27.57	26.18
		1	50	24.53	26.31	25.15	24.27	26.09	24.59	22.44	24.93	23.21	22.86	25.36	23.17
		25	12	23.34	28.17	26.34	23.15	28.28	26.87	21.39	27.79	26.87	21.55	25.14	26.06
		50	0	23.37	27.64	25.85	23.19	27.79	26.42	21.40	27.40	25.91	21.56	27.50	25.59
	16QAM	1	0	21.74	26.22	24.88	21.72	26.07	24.69	19.07	24.90	23.59	19.85	25.28	23.18
		1	1	21.90	**27.99**	26.25	21.71	**27.86**	26.95	19.75	27.00	25.80	19.22	**27.64**	25.69
		1	49	26.67	27.33	26.07	26.35	27.47	26.32	25.13	**27.50**	25.99	25.11	27.61	25.63
		1	50	24.35	26.06	25.18	24.15	25.87	25.01	22.79	24.67	23.41	22.37	25.26	23.33
		25	12	22.76	27.55	25.92	22.72	27.56	26.37	20.82	27.27	25.80	21.10	25.44	25.44
		50	0	22.88	27.09	25.31	22.71	26.69	25.54	20.93	26.50	24.84	21.02	26.76	24.64
	64QAM	1	0	21.15	25.93	25.02	21.23	26.51	24.52	19.63	25.60	24.01	18.95	25.80	22.97
		1	1	21.40	**26.89**	25.36	21.34	26.61	25.83	19.34	**26.42**	24.54	19.16	**26.59**	23.84
		1	49	24.96	26.54	24.88	25.26	**26.66**	25.36	23.56	26.09	24.59	23.93	26.18	24.01
		1	50	24.22	25.87	24.80	24.30	25.95	24.79	22.93	25.11	23.54	22.91	25.80	22.99
		25	12	22.82	26.73	24.93	22.76	26.22	25.08	20.97	25.91	24.28	21.16	26.41	24.09
		50	0	22.83	26.83	25.05	22.67	26.23	25.04	20.88	25.95	24.32	21.14	26.40	24.09
	256QAM	1	0	20.27	25.24	24.15	19.36	24.72	23.63	17.86	23.70	22.54	17.69	24.20	22.06
		1	1	20.18	25.36	24.49	19.79	25.14	23.36	17.77	24.03	22.36	17.62	**24.52**	22.21
		1	49	23.53	**25.40**	23.88	23.26	**25.24**	23.82	21.49	**24.06**	22.53	21.90	24.49	22.24
		1	50	23.82	25.38	24.01	23.14	24.79	23.43	21.57	23.14	22.17	21.94	23.45	22.05
		25	12	21.41	25.18	23.81	21.14	25.11	23.54	19.42	23.78	22.27	19.56	23.66	22.18
		50	0	21.36	25.14	24.04	21.25	24.84	23.55	19.41	23.90	22.33	19.60	24.41	22.00

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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	22.35	26.17	24.53	22.38	26.13	24.59	20.18	24.99	23.46	19.93	25.24	22.94
		1	1	22.35	**28.70**	27.70	22.44	28.66	28.00	20.08	**27.92**	26.93	20.08	27.24	26.20
		1	76	27.67	28.66	26.61	28.00	**28.70**	27.49	26.20	27.86	26.90	26.29	**27.62**	26.28
		1	77	24.48	26.14	24.98	24.59	26.18	24.56	22.63	25.12	23.34	22.71	25.46	23.20
		36	18	24.36	28.68	26.59	24.36	28.60	27.78	22.36	27.85	26.95	22.47	27.41	26.19
		75	0	24.42	28.34	26.31	24.34	28.59	27.47	22.38	27.76	26.56	22.46	27.44	26.06
	QPSK	1	0	21.88	26.19	24.73	22.04	26.14	24.60	19.56	25.09	23.49	19.37	25.21	23.13
		1	1	21.91	**28.56**	26.87	21.94	**28.54**	27.50	19.61	**28.00**	26.96	19.54	27.44	26.30
		1	76	27.70	27.83	25.80	27.41	28.28	26.93	26.16	27.75	27.00	26.30	**27.70**	25.88
		1	77	24.52	26.14	24.73	24.52	26.09	24.77	22.53	25.09	23.38	22.79	25.50	23.14
		36	18	23.33	28.18	26.05	23.44	28.25	27.20	21.37	27.77	26.76	21.50	27.42	26.21
		75	0	23.33	27.59	25.48	23.48	27.65	26.40	21.31	27.53	26.03	21.51	27.29	25.35
	16QAM	1	0	21.16	25.10	23.91	21.32	25.16	23.95	18.98	24.54	23.03	18.78	24.35	22.37
		1	1	21.19	**27.53**	25.55	21.30	27.10	25.69	18.52	26.86	25.40	18.77	**26.71**	24.94
		1	76	26.45	26.78	24.42	25.73	**27.12**	25.53	24.43	**26.99**	25.62	24.50	26.56	24.56
		1	77	23.80	25.21	24.16	23.96	25.60	23.72	22.07	24.26	22.52	22.08	24.71	22.40
		36	18	22.11	26.90	24.80	22.24	26.87	25.46	20.27	26.72	25.22	20.16	26.62	24.72
		75	0	22.18	26.39	24.23	22.30	25.96	24.66	20.11	25.76	24.16	20.30	25.80	23.84
	64QAM	1	0	20.68	25.35	24.15	20.85	25.54	23.90	18.51	24.54	23.17	18.36	24.67	22.41
		1	1	20.21	**26.36**	24.72	20.73	25.93	24.66	18.72	**25.61**	24.40	18.16	**25.53**	23.47
		1	76	24.59	25.98	23.18	24.84	**25.99**	24.50	22.91	25.54	24.07	23.07	25.37	23.46
		1	77	23.89	25.32	23.31	24.08	25.86	23.97	22.22	24.68	23.07	22.14	24.77	22.45
		36	18	21.99	25.97	23.91	22.23	25.52	24.31	20.22	25.30	23.60	20.32	25.45	23.24
		75	0	22.14	26.13	24.01	22.32	25.59	24.34	20.08	25.32	23.64	20.26	25.34	23.26
	256QAM	1	0	19.24	24.83	23.26	19.48	24.08	22.71	17.08	23.49	21.79	16.65	23.50	21.35
		1	1	19.67	24.77	23.27	19.25	24.18	22.94	16.94	**23.52**	21.98	16.85	23.63	21.22
		1	76	22.95	**25.01**	22.55	22.62	**24.26**	22.65	21.12	23.37	22.01	21.00	**23.75**	21.26
		1	77	23.30	24.78	22.87	22.73	23.25	23.08	21.00	22.36	21.76	21.00	23.25	21.33
		36	18	20.60	24.38	22.87	20.72	23.60	22.82	18.71	23.26	21.67	18.75	23.64	21.29
		75	0	20.60	24.40	22.97	20.73	23.40	22.81	18.71	23.28	21.69	18.79	23.54	21.33

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	22.19	26.05	25.15	22.52	25.94	24.54	20.09	25.07	24.14	20.19	25.34	23.06
		1	1	22.23	28.69	27.70	22.57	**28.70**	28.00	19.91	**27.95**	27.00	20.06	27.44	26.11
		1	104	27.70	**28.70**	26.29	28.00	28.53	27.43	26.20	**27.95**	26.64	26.26	**27.70**	26.27
		1	105	24.41	26.29	25.38	24.53	26.10	24.71	22.51	25.27	24.40	22.86	25.54	23.27
		50	25	24.09	24.36	26.55	24.36	28.34	27.59	22.40	27.76	25.96	22.62	27.47	26.07
		100	0	24.19	28.58	26.37	24.42	28.13	27.34	22.36	27.81	25.85	22.55	27.53	25.96
	QPSK	1	0	21.78	26.19	25.35	22.15	25.96	24.56	19.43	25.22	24.01	19.66	25.17	22.99
		1	1	21.51	**28.67**	27.03	21.97	**28.61**	27.49	19.54	27.84	26.20	19.75	27.47	26.30
		1	104	27.52	27.96	25.63	27.29	28.13	26.81	26.10	**28.00**	25.77	26.30	**27.68**	25.69
		1	105	24.52	26.27	24.97	24.42	25.76	24.61	22.55	25.13	24.16	22.88	25.38	23.15
		50	25	23.16	28.27	26.02	23.29	28.00	27.02	21.36	27.77	25.39	21.66	27.36	26.07
		100	0	23.21	27.69	25.58	23.32	27.22	26.25	21.38	27.21	24.84	21.56	27.05	25.24
	16QAM	1	0	20.80	25.47	24.54	21.23	25.56	23.83	18.72	24.27	23.44	18.95	24.63	22.02
		1	1	20.78	**27.81**	25.94	21.72	**26.92**	26.05	18.76	**26.94**	25.07	19.14	**26.58**	24.54
		1	104	26.24	26.74	24.41	25.67	26.67	25.27	24.43	26.68	24.52	24.57	26.50	24.52
		1	105	23.31	25.47	23.88	23.70	25.34	24.02	21.96	24.30	23.45	21.82	24.70	22.36
		50	25	21.92	26.97	24.98	22.13	26.59	25.57	20.15	26.55	24.10	20.53	25.14	24.72
		100	0	21.97	26.45	24.30	22.26	25.76	24.57	20.15	25.75	23.50	20.48	25.63	23.78
	64QAM	1	0	20.64	25.16	24.23	20.98	25.36	24.01	18.53	24.77	23.52	18.58	24.91	22.50
		1	1	20.26	**26.19**	24.77	20.98	**25.95**	24.89	18.38	25.45	24.18	18.58	**25.43**	23.30
		1	104	24.63	25.23	23.64	24.24	25.65	24.51	22.74	**25.61**	23.60	23.37	24.99	23.30
		1	105	23.31	25.38	23.38	23.88	25.50	23.88	21.77	24.56	23.64	22.27	24.85	22.42
		50	25	21.98	26.04	23.93	22.14	25.23	24.14	20.24	25.37	23.07	20.60	25.38	23.19
		100	0	21.95	24.56	24.07	22.23	25.31	24.26	20.18	25.40	23.26	20.50	25.25	23.22
	256QAM	1	0	19.15	24.69	23.74	19.54	23.50	22.69	16.85	23.05	22.53	17.10	23.46	21.17
		1	1	19.00	**24.93**	23.81	19.10	**24.30**	22.82	16.88	**23.37**	22.29	16.61	23.72	21.60
		1	104	22.86	24.63	22.82	22.43	24.21	22.78	21.11	23.36	22.30	21.26	**23.78**	21.35
		1	105	22.75	24.69	22.44	22.74	24.22	22.15	20.63	23.28	22.53	21.12	23.70	21.66
		50	25	20.47	24.32	22.94	20.78	23.93	22.74	18.65	23.29	21.96	18.95	23.49	21.21
		100	0	20.44	24.36	22.93	20.80	23.96	22.83	18.61	23.24	22.20	18.86	23.58	21.26

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OUTPUT POWER FOR 5G NR n41 (50.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 2			ANT 1			ANT 4			ANT 3		
				504200	518600	533000	504200	518600	533000	504200	518600	533000	504200	518600	533000
				2521.0	2593.0	2665.0	2521.0	2593.0	2665.0	2521.0	2593.0	2665.0	2521.0	2593.0	2665.0
50.0	BPSK	1	0	22.32	25.80	25.24	22.18	26.19	24.45	20.28	24.93	24.25	19.80	25.35	23.04
		1	1	22.33	28.38	27.70	22.42	**28.70**	28.00	20.10	27.66	26.88	19.82	**27.70**	26.30
		1	131	27.64	**28.70**	26.47	28.00	28.59	27.36	26.20	**28.00**	27.00	26.30	27.67	25.79
		1	132	24.55	26.15	25.51	24.40	26.07	24.47	22.82	25.13	24.15	22.83	25.51	23.23
		64	32	24.41	28.59	26.83	24.33	26.50	27.95	22.70	27.65	26.47	22.55	27.52	26.28
		128	0	24.38	28.43	26.60	24.29	28.42	27.19	22.63	27.76	26.39	22.53	27.57	25.88
	QPSK	1	0	21.82	26.14	25.37	21.83	26.15	24.54	19.69	25.11	24.10	19.34	25.35	22.90
		1	1	21.70	**28.70**	27.38	21.75	**28.66**	27.38	19.81	27.80	26.91	19.44	**27.65**	25.83
		1	131	27.70	27.87	25.73	27.74	28.21	26.42	26.11	**28.00**	26.45	26.14	27.45	25.03
		1	132	24.46	26.13	25.14	24.49	26.09	24.59	22.83	25.08	24.11	22.94	25.48	23.18
		64	32	23.37	28.00	26.31	23.39	28.38	26.93	21.64	27.66	25.96	21.66	27.51	26.19
		128	0	23.30	27.52	25.74	23.31	27.31	26.03	21.61	27.50	25.61	21.55	26.93	24.87
	16QAM	1	0	21.31	25.26	24.67	20.55	25.36	24.05	19.04	24.32	23.60	18.86	24.67	22.58
		1	1	20.79	**27.87**	26.19	21.26	**27.63**	25.49	18.72	**27.11**	25.91	19.00	25.87	24.17
		1	131	25.84	26.80	24.34	26.37	26.82	25.06	24.66	26.96	25.11	24.58	**25.99**	23.53
		1	132	23.62	25.47	23.66	23.90	25.45	23.58	21.67	24.08	23.57	22.37	24.69	22.73
		64	32	22.15	26.82	25.03	22.13	26.89	25.52	20.45	26.64	24.75	20.43	24.69	24.62
		128	0	22.08	26.30	24.47	22.15	25.85	24.55	20.43	25.75	24.44	20.38	25.59	23.50
	64QAM	1	0	20.37	25.46	24.43	21.11	25.61	23.96	18.53	24.39	23.84	18.19	24.70	22.40
		1	1	20.49	**26.03**	25.06	20.95	**26.26**	24.83	18.76	25.11	24.69	18.15	**25.07**	22.97
		1	131	24.66	25.62	23.44	24.91	25.81	24.68	22.84	**25.70**	24.31	23.16	24.91	22.67
		1	132	23.64	25.29	23.74	24.06	25.44	24.04	21.76	24.42	23.46	22.06	24.91	22.30
		64	32	22.11	25.93	24.19	22.23	25.62	24.09	20.50	25.15	23.83	20.35	24.63	23.33
		128	0	22.05	25.25	24.30	22.11	25.48	23.96	20.36	25.19	24.11	20.32	24.12	23.05
	256QAM	1	0	19.24	24.41	24.04	19.13	24.44	22.63	17.13	23.37	22.64	16.52	23.51	20.98
		1	1	19.42	**24.97**	23.56	18.99	**24.52**	22.97	17.11	**23.39**	22.49	16.48	**23.80**	21.20
		1	131	22.89	24.52	22.78	22.69	24.19	23.04	21.17	23.32	22.27	20.76	23.52	21.08
		1	132	22.83	24.74	22.93	22.96	24.27	22.97	21.45	22.45	22.23	20.69	23.29	21.35
		64	32	20.52	24.36	23.20	20.54	24.10	22.68	19.05	23.18	22.22	18.84	23.66	21.24
		128	0	20.57	24.35	23.26	20.56	24.10	22.55	18.86	23.19	22.29	18.74	23.61	21.20

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	22.46	25.98	25.12	22.45	25.99	25.46	20.13	25.04	24.08	19.83	25.31	23.82
		1	1	22.40	28.51	27.70	22.44	28.43	28.00	20.16	27.88	27.00	19.95	27.63	26.20
		1	160	27.69	**28.70**	26.19	28.00	**28.50**	27.23	26.20	**28.00**	26.75	26.30	**27.70**	25.70
		1	161	24.53	26.16	25.24	24.43	25.95	25.38	22.38	25.19	24.11	22.78	25.47	24.13
		81	40	24.41	28.61	26.87	24.36	25.45	27.64	22.71	27.81	26.73	22.68	27.56	26.25
		162	0	24.52	28.56	26.62	24.44	28.49	27.47	22.66	27.91	26.75	22.66	27.58	26.30
	QPSK	1	0	21.92	26.17	25.26	21.85	26.02	25.52	19.63	25.09	24.12	19.24	25.40	23.97
		1	1	21.98	**28.56**	27.15	21.89	**28.70**	27.58	19.57	27.77	26.95	19.33	**27.57**	25.99
		1	160	27.70	28.22	25.56	27.99	28.18	26.61	26.16	**28.00**	26.55	26.19	27.48	25.04
		1	161	24.39	26.07	25.06	24.45	25.96	25.37	22.75	25.23	24.03	22.69	25.44	24.17
		81	40	23.39	28.14	26.41	23.32	28.09	26.90	21.70	27.91	26.17	21.66	27.52	26.17
		162	0	23.47	27.72	25.87	23.35	27.06	26.20	21.66	27.65	25.98	21.58	26.94	25.05
	16QAM	1	0	21.11	25.36	24.31	21.02	25.34	24.64	19.19	24.48	23.73	18.96	24.77	23.54
		1	1	21.33	**28.15**	26.13	21.33	**27.60**	26.68	18.99	**27.39**	26.32	18.80	**26.48**	24.82
		1	160	26.31	26.85	24.95	26.44	26.99	25.44	24.36	27.24	25.27	24.81	25.73	24.09
		1	161	23.81	25.14	24.08	24.07	25.51	24.40	22.27	24.59	23.58	22.08	24.96	23.02
		81	40	22.46	27.06	25.41	22.41	26.93	25.54	20.81	27.06	25.16	20.62	24.23	24.59
		162	0	22.33	26.60	24.73	22.41	25.92	24.76	20.62	26.07	24.90	20.64	25.72	23.75
	64QAM	1	0	20.91	25.44	24.41	20.91	25.52	25.18	18.85	24.34	23.87	18.23	24.98	23.23
		1	1	20.61	**26.23**	25.32	20.96	**26.27**	25.15	18.70	25.63	24.77	18.43	**25.24**	23.22
		1	160	24.45	25.71	23.68	25.20	25.95	24.23	23.18	**26.03**	24.35	22.74	24.80	22.68
		1	161	23.55	25.44	23.52	24.40	25.53	24.25	22.11	24.35	23.25	22.45	25.00	22.48
		81	40	22.32	25.64	24.46	22.36	25.68	24.12	20.65	25.43	24.29	20.64	24.93	23.36
		162	0	22.37	25.80	24.46	22.33	25.52	24.27	20.62	25.48	24.52	20.68	24.74	23.31
	256QAM	1	0	19.41	24.54	23.77	19.72	24.16	23.89	16.98	23.48	22.67	16.64	23.14	21.98
		1	1	19.81	**24.77**	23.88	19.49	24.42	23.86	16.76	**23.78**	22.38	16.72	23.62	22.05
		1	160	23.40	24.64	23.09	22.99	**24.66**	23.15	21.27	23.77	22.24	21.03	**23.91**	21.50
		1	161	23.07	24.30	22.65	22.68	24.40	22.75	21.15	23.64	22.53	21.31	23.47	21.29
		81	40	20.88	24.54	23.35	20.86	24.25	22.63	19.10	23.47	22.54	19.12	23.78	22.03
		162	0	20.88	24.46	23.42	20.79	24.10	22.97	19.06	23.55	22.53	19.04	23.80	21.94

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OUTPUT POWER FOR 5G NR n41 (70.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 2			ANT 1			ANT 4			ANT 3		
				506200	518600	531000	506200	518600	531000	506200	518600	531000	506200	518600	531000
				2531.0	2593.0	2655.0	2531.0	2593.0	2655.0	2531.0	2593.0	2655.0	2531.0	2593.0	2655.0
70.0	BPSK	1	0	23.26	23.97	25.25	23.27	24.17	25.56	21.22	23.05	23.98	21.25	23.34	23.91
		1	1	22.99	23.99	27.70	23.42	24.30	28.00	20.74	23.02	26.82	21.21	23.30	26.15
		1	187	27.68	**28.70**	25.91	28.00	**28.56**	27.45	26.13	**27.90**	26.61	26.30	**27.70**	25.84
		1	188	25.11	26.21	25.33	25.42	26.08	25.64	23.49	24.91	23.95	24.05	25.45	24.27
		90	45	25.20	28.60	26.84	25.40	26.40	27.91	23.51	23.10	26.80	24.10	27.50	26.26
		180	0	25.17	28.38	26.46	25.49	26.42	27.72	23.40	24.30	26.85	24.07	27.60	26.30
	QPSK	1	0	22.66	23.54	25.27	23.08	23.88	25.75	20.55	22.45	24.10	20.78	22.84	23.95
		1	1	22.71	23.40	26.84	22.93	23.66	27.86	20.22	22.74	27.00	20.90	22.91	26.19
		1	187	27.70	**28.05**	25.18	27.97	**28.58**	26.84	26.20	**28.00**	26.38	26.30	**27.62**	24.96
		1	188	25.13	26.08	24.44	24.97	26.07	25.65	23.35	24.93	23.72	24.20	25.43	23.99
		90	45	24.11	26.12	26.45	24.44	28.24	27.31	22.50	27.83	26.57	23.06	27.56	25.89
		180	0	24.15	26.48	25.78	24.49	27.35	26.29	22.37	27.62	26.29	22.97	26.85	24.98
	16QAM	1	0	22.86	23.62	24.93	22.45	24.25	25.57	20.43	22.48	24.33	21.05	23.17	23.98
		1	1	22.40	23.63	26.29	22.93	23.58	26.98	20.42	22.57	26.41	21.19	22.97	25.34
		1	187	27.46	**27.57**	24.49	27.50	**27.68**	25.81	26.11	**27.63**	25.77	25.96	**26.66**	24.43
		1	188	25.03	26.10	24.32	25.44	26.36	24.99	22.97	24.94	23.66	24.20	25.01	23.48
		90	45	23.63	26.12	26.07	23.97	27.67	26.23	21.90	27.58	26.12	22.53	26.00	25.20
		180	0	23.71	27.16	25.34	23.87	26.75	25.46	21.91	26.65	25.61	22.49	26.22	24.34
	64QAM	1	0	22.19	23.07	24.83	22.59	23.45	25.77	19.92	22.21	24.51	20.27	22.21	23.94
		1	1	21.61	22.61	25.46	22.68	23.45	25.90	19.93	22.08	24.97	20.44	22.33	23.95
		1	187	26.15	**26.40**	23.71	25.65	**26.65**	24.82	24.35	**25.81**	25.05	24.19	**25.53**	23.33
		1	188	25.15	25.79	23.96	25.65	26.25	25.33	23.34	24.86	23.98	23.98	25.44	23.10
		90	45	23.57	26.12	25.27	23.87	26.26	24.85	21.87	25.14	25.03	22.54	25.14	23.78
		180	0	23.63	26.00	25.22	24.03	26.32	25.03	21.81	25.45	25.00	22.47	25.30	23.84
	256QAM	1	0	20.84	21.20	24.34	21.13	22.04	24.59	18.45	20.58	23.44	18.74	20.97	22.37
		1	1	20.68	21.52	24.46	21.25	21.82	**24.83**	18.80	20.77	23.12	18.54	20.85	22.38
		1	187	24.24	**24.91**	23.02	24.11	24.73	23.47	22.26	**23.91**	23.17	22.86	**24.50**	21.88
		1	188	23.94	24.85	23.27	24.00	24.05	24.09	22.75	23.50	22.92	22.88	23.85	21.93
		90	45	21.99	24.68	24.26	22.41	24.65	23.23	20.36	23.15	22.98	21.09	24.35	22.34
		180	0	21.99	24.33	24.18	22.47	24.76	23.73	20.33	23.66	22.98	21.04	23.98	22.59

OUTPUT POWER FOR 5G NR n41 (80.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 2			ANT 1			ANT 4			ANT 3		
				507200	518600	530000	507200	518600	530000	507200	518600	530000	507200	518600	530000
				2536.0	2593.0	2650.0	2536.0	2593.0	2650.0	2536.0	2593.0	2650.0	2536.0	2593.0	2650.0
80.0	BPSK	1	0	23.10	23.99	25.47	23.52	24.33	25.42	21.06	22.95	24.04	21.23	23.15	24.11
		1	1	23.15	23.62	27.00	23.52	24.36	27.50	21.25	22.69	26.25	21.36	23.11	25.52
		1	215	25.10	**28.70**	25.98	25.66	**28.40**	27.10	23.23	**27.85**	26.56	24.07	**27.61**	25.51
		1	216	23.03	23.95	25.26	23.38	24.32	25.28	20.75	22.94	23.93	21.18	23.14	23.80
		108	54	25.11	25.70	27.13	25.67	23.80	24.85	23.44	25.95	26.86	24.06	25.69	26.30
		216	0	25.12	25.62	26.71	25.69	25.70	27.49	23.40	24.92	26.82	23.96	25.44	26.20
	QPSK	1	0	22.49	23.72	25.26	23.04	23.81	25.45	20.36	22.68	24.06	20.68	22.75	23.93
		1	1	22.36	23.29	26.62	23.59	23.15	27.49	20.12	22.50	27.00	20.18	22.15	26.06
		1	215	25.02	**28.61**	25.37	25.48	**28.12**	26.47	23.31	**27.45**	26.31	24.15	**27.55**	24.96
		1	216	22.42	23.54	24.60	23.00	23.69	25.26	20.30	22.30	23.88	20.67	22.70	23.76
		108	54	24.12	26.78	26.70	24.66	26.11	26.84	22.41	25.45	26.71	23.00	24.45	25.89
		216	0	24.04	25.60	25.97	24.66	27.41	26.23	22.33	25.44	26.14	22.93	24.95	25.13
	16QAM	1	0	22.65	23.36	24.85	23.12	23.49	25.32	20.22	22.94	24.27	20.64	23.18	23.75
		1	1	22.45	22.77	26.04	23.12	23.85	26.52	20.15	22.85	26.54	21.20	23.00	25.32
		1	215	25.16	**26.58**	25.44	25.62	**27.88**	26.00	22.88	**26.95**	25.13	24.31	**27.05**	24.09
		1	216	22.47	23.27	23.85	23.08	23.25	25.16	20.21	22.42	23.97	20.60	22.95	23.55
		108	54	23.55	25.66	26.21	24.13	24.60	26.09	21.95	25.45	26.13	22.45	24.17	25.15
		216	0	23.49	25.58	25.46	24.16	24.25	25.47	21.88	26.10	25.44	22.44	25.00	24.40
	64QAM	1	0	21.94	22.95	23.65	22.73	23.60	24.80	20.17	22.37	24.11	20.05	22.52	23.17
		1	1	21.85	21.51	25.43	23.00	23.20	25.65	20.25	21.95	25.08	20.10	22.12	23.90
		1	215	24.98	**25.69**	25.25	25.58	**26.03**	25.50	23.25	**26.45**	24.89	23.82	**26.85**	23.76
		1	216	21.89	22.75	23.57	22.45	22.94	24.59	19.87	21.95	24.08	19.83	21.85	23.08
		108	54	23.54	25.48	25.30	24.10	24.23	24.51	21.86	24.12	24.88	22.51	22.85	23.78
		216	0	23.51	25.48	25.14	24.12	25.00	24.97	21.87	24.32	24.95	22.38	23.14	24.01
	256QAM	1	0	20.55	21.62	23.35	21.37	22.07	23.63	18.47	20.82	22.99	18.58	20.53	21.90
		1	1	21.20	20.58	24.45	21.12	22.00	24.64	19.20	20.10	23.14	18.96	21.00	22.63
		1	215	23.80	**25.18**	24.28	24.56	**24.94**	23.91	22.00	**24.50**	23.14	22.68	**24.33**	21.96
		1	216	20.46	21.56	22.88	20.65	21.40	23.00	18.29	20.26	22.91	18.55	20.52	21.53
		108	54	22.09	25.09	24.20	22.57	24.82	23.13	20.39	23.98	22.88	20.94	23.45	22.28
		216	0	22.04	25.11	24.12	22.57	24.75	23.51	20.27	24.02	22.89	20.86	21.30	22.63

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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	23.16	24.12	25.36	23.40	24.20	25.72	20.98	23.03	23.83	21.18	23.25	23.84
		1	1	22.95	24.02	27.70	23.69	24.20	28.00	21.03	23.00	26.85	21.24	23.24	26.23
		1	243	27.70	**28.62**	26.00	27.95	**28.70**	27.04	26.20	**27.79**	27.00	26.28	**27.70**	25.65
		1	244	25.37	26.18	25.42	25.52	26.19	25.56	23.56	24.93	23.86	24.05	25.44	24.36
		120	60	25.14	25.00	27.28	25.45	28.62	27.78	23.37	27.74	26.81	24.05	27.59	26.28
		243	0	25.20	28.61	26.69	25.56	28.54	27.36	23.28	27.71	26.87	24.03	27.66	26.30
	QPSK	1	0	22.39	23.58	25.33	22.95	23.58	25.61	20.34	22.54	24.10	20.64	22.87	23.94
		1	1	22.52	23.59	26.85	23.02	23.88	27.79	20.41	22.41	26.97	20.43	22.84	25.97
		1	243	27.65	**28.27**	25.33	28.00	**28.07**	26.41	26.12	**28.00**	26.16	26.30	**27.50**	24.91
		1	244	25.06	26.36	24.60	25.76	26.05	25.35	23.21	24.91	24.25	24.00	25.56	24.07
		120	60	24.14	25.68	26.74	24.57	26.80	26.89	22.33	27.72	26.83	23.09	26.80	25.96
		243	0	24.11	27.90	25.96	24.52	27.24	26.25	22.42	27.40	26.39	23.00	27.03	25.23
	16QAM	1	0	22.92	24.32	25.59	22.72	23.65	25.87	20.37	22.49	24.49	20.09	23.08	24.03
		1	1	22.52	23.80	26.48	23.09	23.92	26.89	20.56	22.71	26.74	20.34	23.18	24.78
		1	243	27.39	**27.72**	24.58	26.99	**27.13**	25.60	25.79	**27.15**	25.63	25.71	**26.67**	24.21
		1	244	25.29	26.39	24.22	25.34	25.81	24.72	23.70	25.36	23.93	24.41	25.50	23.40
		120	60	23.61	26.57	26.34	24.06	26.28	26.20	21.91	26.13	26.42	22.51	26.01	25.18
		243	0	23.55	27.42	25.46	23.96	26.48	25.52	21.78	26.51	25.57	22.50	26.30	24.52
	64QAM	1	0	21.71	22.89	24.96	22.58	23.08	25.78	19.73	21.91	23.96	19.93	22.62	23.75
		1	1	21.85	23.48	25.88	22.68	23.21	25.99	20.34	22.13	25.66	20.22	22.11	24.01
		1	243	25.61	**26.97**	23.97	26.05	**26.34**	24.52	24.33	**25.95**	25.09	24.17	**25.01**	23.20
		1	244	24.97	26.24	23.91	25.05	25.78	24.58	23.32	25.14	24.02	24.05	24.69	23.15
		120	60	23.58	26.15	25.49	24.09	26.25	24.82	21.86	25.80	25.00	22.56	24.63	23.93
		243	0	23.58	25.86	25.36	24.04	26.21	25.10	21.77	24.72	24.98	22.43	23.99	24.16
	256QAM	1	0	20.39	21.80	24.12	21.11	21.93	23.66	18.39	20.82	23.25	18.42	20.58	22.59
		1	1	20.42	21.73	24.17	21.38	21.26	24.43	18.13	20.19	23.01	18.32	20.59	22.73
		1	243	24.27	**25.48**	23.03	24.20	**24.90**	23.47	22.24	**24.04**	23.04	22.46	**24.04**	21.82
		1	244	24.44	24.29	23.56	23.50	24.19	23.36	22.16	22.97	22.82	22.75	24.00	21.41
		120	60	22.14	25.08	24.15	22.52	24.35	23.37	20.25	23.82	22.95	21.00	23.10	22.52
		243	0	22.06	25.01	24.21	22.54	23.45	23.70	20.26	23.93	23.04	20.95	23.14	22.79

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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	22.98	23.90	25.58	23.27	24.50	25.45	20.79	23.27	24.28	21.36	23.23	24.41
		1	1	27.70	27.20	27.70	28.00	28.10	28.00	25.93	25.99	27.00	26.30	25.70	26.09
		1	271	25.23	**28.70**	26.16	25.17	**28.70**	26.96	23.46	**27.70**	26.73	24.01	**27.70**	25.56
		1	272	22.92	23.69	25.12	23.20	24.35	25.33	20.76	23.14	23.98	21.24	23.15	23.70
		135	67	25.07	27.50	27.30	25.18	26.45	27.86	23.41	27.12	26.91	23.99	27.40	26.28
		270	0	24.97	26.88	26.71	25.22	26.00	27.90	23.37	26.58	26.92	23.90	27.42	26.28
	QPSK	1	0	22.46	23.47	25.25	22.79	23.84	25.51	20.43	22.77	24.00	20.67	22.63	23.97
		1	1	26.95	26.50	27.10	27.22	28.00	27.88	26.20	25.97	26.94	25.86	25.10	25.60
		1	271	25.23	**28.24**	25.33	25.14	**28.45**	26.18	23.53	**27.56**	26.02	24.21	**27.55**	24.80
		1	272	22.38	23.26	24.69	22.78	23.82	25.49	20.36	22.51	23.97	20.64	22.53	23.92
		135	67	23.99	27.87	26.68	24.16	27.00	27.11	22.44	27.20	26.93	22.98	26.85	26.30
		270	0	23.99	27.57	25.90	24.31	27.36	26.14	22.34	27.00	26.31	22.97	26.74	25.40
	16QAM	1	0	22.61	23.34	24.57	22.79	24.06	25.63	20.57	22.89	24.38	20.75	23.04	23.86
		1	1	26.55	25.86	26.71	26.55	26.58	26.98	25.61	25.67	26.80	25.07	24.08	25.04
		1	271	24.78	**27.65**	25.11	25.33	**27.00**	25.79	23.40	**27.00**	25.56	24.29	**27.12**	24.59
		1	272	22.32	23.25	23.98	22.79	23.72	25.10	19.96	22.79	24.36	20.70	22.80	22.98
		135	67	23.42	26.80	26.11	23.77	26.44	26.18	21.97	26.40	26.57	22.57	26.00	25.54
		270	0	23.52	26.95	25.37	23.80	26.62	25.47	21.82	26.74	25.59	22.45	26.02	24.62
	64QAM	1	0	22.00	22.89	23.81	22.29	23.45	24.45	20.13	22.14	24.25	20.57	22.39	23.18
		1	1	25.64	24.62	25.89	25.27	25.45	25.80	24.07	24.12	24.99	23.59	22.82	23.85
		1	271	24.74	**26.55**	25.31	24.48	**25.90**	25.60	23.38	**26.86**	24.56	23.41	**26.45**	23.43
		1	272	21.81	22.65	23.72	21.95	23.21	24.33	20.02	22.07	24.22	20.12	22.34	23.10
		135	67	23.48	25.12	25.24	23.66	24.60	24.88	21.85	26.10	25.11	22.55	23.60	24.05
		270	0	23.47	25.00	25.12	23.66	24.22	25.03	21.84	26.09	25.06	22.47	23.40	24.27
	256QAM	1	0	20.67	21.27	23.37	21.13	21.94	23.16	18.30	21.07	22.91	18.69	20.65	22.02
		1	1	24.08	23.42	24.30	23.98	24.10	24.12	22.39	22.77	23.00	22.59	21.50	22.44
		1	271	23.63	**24.79**	23.91	23.86	**24.37**	24.29	22.01	**23.45**	22.91	22.26	**23.50**	22.33
		1	272	20.57	21.17	23.07	20.88	21.51	22.88	18.19	20.55	22.68	18.38	20.17	21.73
		135	67	21.90	24.77	24.20	22.24	23.59	23.50	20.38	23.13	23.09	21.01	22.14	22.52
		270	0	21.85	24.75	24.15	22.19	23.59	23.74	20.35	23.11	23.11	20.92	22.92	22.94

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8.4. LTE BAND 66 AND 5G NR n66

LTE BAND 66

Test Engineer ID:	39004	Test Date:	2024-02-16

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	25.68	25.67	25.65	25.59	25.38	25.34	25.62	25.65	25.64	25.17	25.16	25.15
		1	2	25.69	**25.70**	**25.70**	**25.70**	25.50	25.46	25.67	**25.70**	**25.70**	25.17	**25.20**	25.19
		1	5	25.54	25.67	25.61	25.57	25.22	25.55	25.66	25.66	25.63	25.18	25.17	25.17
		3	0	25.60	25.63	25.60	25.47	**25.70**	25.66	25.69	25.66	25.63	**25.20**	25.18	25.16
		3	1	25.67	25.67	25.65	25.29	25.47	25.37	25.68	25.67	25.66	**25.20**	25.18	**25.20**
		3	2	**25.70**	25.67	25.62	25.58	25.28	**25.70**	**25.70**	25.67	25.67	25.18	25.18	**25.20**
		6	0	25.27	25.26	25.22	24.71	24.91	24.86	25.09	25.04	25.04	24.56	24.56	24.59
	16QAM	1	0	**25.46**	25.38	25.29	24.63	24.76	24.78	25.22	25.18	25.10	24.76	24.78	24.76
		1	2	25.42	25.41	25.35	24.86	24.70	**25.07**	**25.25**	25.18	25.22	24.69	**24.83**	24.73
		1	5	25.40	25.44	25.40	24.76	24.68	24.94	25.15	25.24	25.13	24.65	24.76	24.79
		3	0	25.31	25.33	25.33	24.62	24.54	24.73	25.17	25.11	25.15	24.65	24.70	24.67
		3	1	25.32	25.30	25.30	24.53	24.89	25.01	25.14	25.14	25.15	24.65	24.71	24.68
		3	2	25.32	25.33	25.33	24.87	24.73	24.79	25.19	25.12	25.18	24.63	24.70	24.69
		6	0	24.36	24.19	24.20	23.86	23.87	23.92	24.22	24.10	24.08	23.56	23.62	23.59
	64QAM	1	0	24.57	24.40	24.35	24.33	24.74	24.78	24.31	24.20	24.21	24.04	24.29	23.92
		1	2	**24.60**	24.53	24.42	24.47	24.82	**24.84**	**24.46**	24.35	24.18	24.16	3.69	23.95
		1	5	24.52	24.42	24.36	24.44	24.72	24.76	24.41	24.31	24.08	24.12	24.35	23.90
		3	0	24.41	24.46	24.35	24.16	24.71	24.67	24.16	24.12	24.16	23.96	24.29	23.82
		3	1	24.41	24.42	24.37	24.17	24.72	24.69	24.19	24.20	24.19	23.95	24.32	23.79
		3	2	24.33	24.43	24.35	24.28	24.70	24.67	24.25	24.20	24.17	24.00	**24.36**	15.99
		6	0	23.32	23.34	23.31	23.32	23.66	23.64	23.20	23.15	23.14	22.93	23.19	22.36
	256QAM	1	0	21.33	21.33	21.25	21.38	**21.90**	21.67	**21.31**	21.15	21.13	20.92	21.45	20.72
		1	2	21.44	**21.47**	21.33	21.32	**21.90**	21.71	21.26	21.18	21.13	20.73	**21.48**	14.33
		1	5	21.42	21.37	21.42	21.34	21.79	21.69	21.28	21.17	21.14	20.81	21.40	20.71
		3	0	21.24	21.24	21.27	21.42	21.62	21.69	21.20	21.12	21.13	20.73	21.22	20.69
		3	1	21.25	21.24	21.28	21.46	21.65	21.65	21.21	21.14	21.14	20.72	21.23	20.69
		3	2	21.26	21.25	21.26	21.44	21.66	21.65	21.23	21.15	21.13	20.70	21.26	20.69
		6	0	21.25	21.29	21.25	21.26	21.53	21.55	21.14	21.03	21.10	20.78	21.32	20.70

OUTPUT POWER FOR LTE BAND 66 (3.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				131987	132322	132657	131987	132322	132657	131987	132322	132657	131987	132322	132657
				1711.5	1745.0	1778.5	1711.5	1745.0	1778.5	1711.5	1745.0	1778.5	1711.5	1745.0	1778.5
3.0	QPSK	1	0	25.59	25.58	25.64	25.50	25.68	**25.70**	25.63	25.57	25.58	25.12	25.11	25.08
		1	7	**25.70**	**25.70**	**25.70**	**25.70**	25.37	25.66	**25.70**	**25.70**	**25.70**	**25.20**	**25.20**	**25.20**
		1	14	25.60	25.62	25.62	25.45	**25.70**	25.39	25.58	25.58	25.60	25.09	25.10	25.07
		8	0	25.31	25.19	25.27	24.82	24.79	24.96	25.10	25.10	25.10	24.63	24.58	24.59
		8	4	25.34	25.30	25.31	24.85	24.63	24.94	25.13	25.14	25.16	24.60	24.62	24.60
		8	7	25.35	25.29	25.32	24.66	24.99	24.93	25.13	25.12	25.15	24.58	24.61	24.59
		15	0	25.30	25.17	25.28	24.81	24.91	24.96	25.08	25.11	25.10	24.57	24.55	24.57
	16QAM	1	0	25.38	25.45	25.38	24.89	24.77	**25.02**	25.16	25.16	25.18	24.78	24.70	24.59
		1	7	**25.48**	25.46	25.44	24.89	24.70	24.69	25.26	25.29	**25.30**	**24.85**	24.77	24.69
		1	14	25.28	25.39	25.40	24.74	24.87	24.92	25.17	25.18	25.19	24.76	24.66	24.67
		8	0	24.35	24.22	24.32	23.85	23.92	24.02	24.12	24.12	24.15	23.67	23.63	23.59
		8	4	24.38	24.38	24.38	23.86	24.08	24.01	24.18	24.16	24.19	23.63	23.66	23.64
		8	7	24.38	24.37	24.38	23.94	23.92	23.97	24.16	24.16	24.19	23.60	23.63	23.59
		15	0	24.32	24.25	24.30	23.83	23.82	23.94	24.14	24.12	24.14	23.58	23.55	23.59
	64QAM	1	0	24.23	24.56	24.45	24.58	24.70	24.76	24.37	24.33	24.25	23.57	24.32	23.86
		1	7	24.36	**24.64**	24.59	24.76	24.80	**24.85**	**24.41**	**24.41**	24.32	23.98	**24.42**	23.94
		1	14	24.37	24.60	24.48	24.64	24.73	24.69	24.30	24.39	24.29	23.87	24.33	23.81
		8	0	23.33	23.32	23.40	23.46	23.63	23.56	23.18	23.17	23.26	22.82	23.11	22.72
		8	4	23.32	23.47	23.45	23.48	23.64	23.64	23.22	23.21	23.34	22.89	23.14	22.76
		8	7	23.31	23.45	23.42	23.47	23.69	23.61	23.21	23.21	23.33	22.89	23.24	22.76
		15	0	23.28	23.31	23.40	23.39	23.58	23.55	23.11	23.15	23.16	22.88	23.09	22.73
	256QAM	1	0	21.24	21.41	21.50	21.29	21.62	21.62	21.21	21.14	21.14	20.84	21.15	20.71
		1	7	21.44	21.51	**21.58**	21.45	**21.65**	21.52	**21.36**	21.26	21.23	20.95	**21.30**	20.72
		1	14	21.29	21.45	21.44	21.32	21.63	21.49	21.23	21.17	21.14	20.85	21.15	20.61
		8	0	21.30	21.32	21.36	21.38	21.57	21.48	21.15	21.12	21.13	20.86	21.07	20.69
		8	4	21.34	21.44	21.43	21.41	21.58	21.55	21.18	21.15	21.18	20.90	21.10	20.72
		8	7	21.32	21.45	21.42	21.39	**21.65**	21.54	21.17	21.11	21.18	20.89	21.18	20.72
		15	0	21.31	21.33	21.37	21.36	21.51	21.53	21.12	21.10	21.15	20.84	21.04	20.70

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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	25.53	25.56	25.64	25.68	25.65	**25.70**	25.60	25.60	25.59	25.06	25.09	25.10
		1	12	**25.70**	**25.70**	**25.70**	25.27	**25.70**	25.27	**25.70**	**25.70**	**25.70**	**25.20**	**25.20**	**25.20**
		1	24	25.54	25.60	25.59	**25.70**	25.61	25.55	25.56	25.57	25.58	25.08	25.10	25.13
		12	0	25.17	25.14	25.28	24.69	24.76	24.74	25.02	25.03	25.01	24.55	24.54	24.58
		12	6	25.27	25.20	25.30	24.69	24.90	24.69	25.07	25.07	25.04	24.58	24.60	24.59
		12	11	25.23	25.25	25.26	24.67	24.78	24.69	25.04	25.03	25.04	24.59	24.56	24.56
		25	0	25.23	25.16	25.28	24.69	24.70	24.69	25.06	25.04	25.03	24.59	24.54	24.58
	16QAM	1	0	25.33	25.34	25.45	24.86	**25.07**	24.81	25.20	25.06	25.11	24.77	24.68	24.68
		1	12	25.46	25.48	**25.56**	24.55	24.75	24.65	**25.28**	25.15	25.21	**24.84**	24.77	24.77
		1	24	25.36	25.38	25.46	24.79	24.83	24.57	25.18	25.01	25.10	24.75	24.64	24.72
		12	0	24.23	24.23	24.31	23.64	23.89	23.61	24.03	24.10	24.07	23.74	23.55	23.58
		12	6	24.35	24.26	24.36	23.83	24.04	23.67	24.08	24.14	24.08	23.73	23.57	23.61
		12	11	24.31	24.31	24.31	23.66	23.90	23.75	24.04	24.10	24.04	23.70	23.54	23.55
		25	0	24.23	24.18	24.26	23.70	23.86	23.75	24.05	24.08	24.06	23.62	23.52	23.58
	64QAM	1	0	24.39	24.40	24.52	24.53	24.69	24.49	24.28	24.14	24.26	23.98	24.23	23.90
		1	12	24.43	24.42	**24.57**	24.63	**24.89**	24.54	24.34	24.21	**24.37**	24.11	**24.37**	23.95
		1	24	24.37	24.37	24.48	24.62	24.63	24.44	24.25	24.13	24.28	24.11	24.32	23.89
		12	0	23.15	23.20	23.33	23.05	23.48	23.34	23.15	23.08	23.04	22.85	23.09	22.80
		12	6	23.30	23.22	23.38	23.17	23.50	23.31	23.18	23.10	23.09	22.99	23.11	22.80
		12	11	23.25	23.28	23.34	23.15	23.56	23.27	23.14	23.07	23.09	22.95	23.15	22.78
		25	0	23.24	23.18	23.36	23.21	23.48	23.32	23.07	23.06	23.06	22.86	23.10	22.75
	256QAM	1	0	21.19	21.16	21.38	21.18	21.50	21.35	21.12	21.26	21.22	20.83	21.26	20.82
		1	12	21.33	21.32	**21.51**	21.34	**21.70**	21.36	21.25	**21.35**	21.26	21.00	**21.38**	20.85
		1	24	21.24	21.34	21.45	21.23	21.60	21.37	21.12	21.22	21.24	20.95	21.18	20.75
		12	0	21.16	21.21	21.35	21.09	21.48	21.28	21.07	21.08	21.06	20.76	21.07	20.74
		12	6	21.27	21.23	21.36	21.21	21.48	21.29	21.09	21.13	21.12	20.79	21.10	20.74
		12	11	21.23	21.30	21.34	21.17	21.55	21.25	21.06	21.10	21.05	20.81	21.17	20.73
		25	0	21.25	21.19	21.33	21.18	21.44	21.25	21.06	21.07	21.05	20.80	21.06	20.71

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	25.66	25.61	25.69	25.69	25.69	**25.70**	25.67	25.66	25.65	**25.20**	25.19	25.12
		1	24	**25.70**	**25.70**	**25.70**	25.40	25.16	25.67	**25.70**	**25.70**	**25.70**	25.18	**25.20**	25.19
		1	49	25.63	25.66	25.61	**25.70**	**25.70**	25.43	25.64	25.63	25.64	25.09	25.18	**25.20**
		25	0	25.21	25.22	25.25	24.70	24.75	24.64	25.12	25.04	25.09	24.64	24.62	24.55
		25	12	25.32	25.26	25.27	24.76	24.75	24.68	25.16	25.13	25.14	24.57	24.64	24.60
		25	24	25.30	25.31	25.30	24.80	24.82	24.74	25.13	25.09	25.11	24.55	24.63	24.66
		50	0	25.31	25.23	25.24	24.69	24.69	24.55	25.12	25.03	25.09	24.57	24.63	24.58
	16QAM	1	0	25.43	25.45	**25.47**	24.95	**25.03**	24.83	**25.26**	25.14	25.24	**24.85**	24.80	24.70
		1	24	25.45	25.46	25.46	24.69	24.61	24.67	**25.26**	25.23	25.19	24.79	24.77	24.78
		1	49	25.42	25.45	25.45	24.78	24.76	24.83	25.22	25.19	25.22	24.75	24.76	24.80
		25	0	24.24	24.25	24.26	23.70	23.75	23.63	24.14	24.08	24.11	23.69	23.63	23.59
		25	12	24.36	24.27	24.29	23.81	23.78	23.77	24.15	24.18	24.17	23.60	23.63	23.61
		25	24	24.34	24.32	24.31	23.81	23.84	23.66	24.14	24.13	24.13	23.58	23.63	23.66
		50	0	24.29	24.24	24.25	23.70	23.80	23.63	24.12	24.03	24.09	23.56	23.61	23.57
	64QAM	1	0	24.50	24.53	24.37	24.48	24.56	24.53	24.34	24.39	24.33	23.93	24.26	23.85
		1	24	24.54	**24.58**	24.40	**24.60**	24.51	24.55	**24.42**	24.38	24.36	23.84	**24.39**	23.86
		1	49	24.50	24.56	24.35	24.59	24.43	24.37	24.37	24.35	24.30	24.04	24.29	23.82
		25	0	23.25	23.24	23.24	23.20	23.38	23.25	23.15	23.05	23.09	22.77	23.11	22.71
		25	12	23.33	23.29	23.25	23.32	23.39	23.24	23.16	23.15	23.13	22.88	23.15	22.72
		25	24	23.30	23.35	23.30	23.29	23.43	23.27	23.13	23.11	23.10	22.86	23.22	22.67
		50	0	23.31	23.25	23.22	23.29	23.36	23.22	23.14	23.01	23.11	22.86	23.12	22.69
	256QAM	1	0	21.35	21.35	21.27	21.34	21.42	21.25	21.18	21.14	21.26	20.83	21.15	20.74
		1	24	21.41	**21.52**	21.47	21.26	**21.57**	21.27	**21.32**	21.20	21.30	20.90	21.16	20.70
		1	49	21.29	21.41	21.33	21.37	21.36	21.21	21.20	21.07	21.21	20.88	**21.17**	20.55
		25	0	21.24	21.25	21.24	21.18	21.31	21.18	21.14	21.02	21.09	20.75	20.99	20.74
		25	12	21.30	21.28	21.25	21.27	21.31	21.18	21.17	21.13	21.11	20.86	21.02	20.74
		25	24	21.29	21.32	21.28	21.25	21.40	21.20	21.14	21.11	21.10	20.82	21.08	20.69
		50	0	21.31	21.24	21.20	21.22	21.30	21.14	21.12	21.02	21.09	20.78	21.01	20.72

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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	**25.70**	25.61	**25.70**	25.26	**25.70**	25.68	25.68	**25.70**	**25.70**	**25.20**	**25.20**	25.12
		1	37	25.69	25.65	**25.70**	25.68	25.65	**25.70**	**25.70**	25.68	**25.70**	25.12	25.16	**25.20**
		1	74	25.67	**25.70**	25.61	**25.70**	25.64	25.62	**25.70**	25.62	25.61	25.05	25.17	25.18
		36	0	25.32	25.24	25.32	25.28	25.24	25.28	25.20	25.11	25.19	24.64	24.65	24.58
		36	16	25.37	25.24	25.35	25.38	25.19	25.32	25.15	25.16	25.17	24.53	24.64	24.59
		36	35	25.34	25.31	25.33	25.38	25.24	25.31	25.14	25.05	25.16	24.48	24.64	24.68
		75	0	25.33	25.22	25.34	25.37	25.18	25.24	25.14	25.05	25.15	24.48	24.63	24.58
	16QAM	1	0	25.53	25.45	**25.63**	25.56	25.40	25.43	25.25	25.23	25.25	**24.90**	24.70	24.65
		1	37	25.55	25.50	25.59	25.54	25.43	25.42	25.24	25.22	**25.32**	24.84	24.69	24.72
		1	74	25.57	25.53	25.42	**25.60**	25.42	25.33	25.25	25.23	25.26	24.71	24.69	24.71
		36	0	24.34	24.26	24.35	24.39	24.24	24.30	24.19	24.12	24.19	23.66	23.66	23.60
		36	16	24.38	24.27	24.38	24.46	24.20	24.35	24.18	24.18	24.19	23.55	23.63	23.60
		36	35	24.36	24.34	24.35	24.43	24.24	24.32	24.18	24.07	24.16	23.49	23.64	23.68
		75	0	24.36	24.24	24.38	24.42	24.16	24.24	24.18	24.12	24.18	23.52	23.63	23.58
	64QAM	1	0	24.46	24.42	**24.66**	24.28	23.96	24.19	24.40	24.45	24.16	23.92	24.33	24.04
		1	37	24.53	24.44	24.59	24.27	24.00	24.25	24.41	24.39	24.19	24.06	24.34	24.02
		1	74	24.57	24.47	24.51	**24.31**	24.05	24.11	**24.48**	24.37	24.20	24.14	**24.39**	23.91
		36	0	23.34	23.29	23.37	22.93	22.83	23.00	23.22	23.12	23.20	22.76	23.14	22.92
		36	16	23.40	23.31	23.41	23.01	22.82	23.02	23.22	23.18	23.18	22.82	23.10	22.88
		36	35	23.36	23.38	23.36	23.02	22.89	23.01	23.20	23.06	23.16	22.83	23.18	22.83
		75	0	23.38	23.30	23.42	23.01	22.83	22.97	23.20	23.09	23.18	22.86	23.09	22.87
	256QAM	1	0	21.37	21.40	**21.55**	20.99	20.81	21.05	21.16	21.20	21.28	20.88	21.13	21.14
		1	37	21.45	21.49	21.52	21.04	21.00	21.02	21.25	21.24	21.26	20.97	21.24	21.05
		1	74	21.43	21.48	21.51	21.06	20.96	**21.08**	21.24	21.14	**21.29**	21.00	**21.29**	20.97
		36	0	21.34	21.26	21.37	20.90	20.81	20.97	21.21	21.11	21.18	19.91	21.09	20.89
		36	16	21.41	21.27	21.41	20.97	20.81	20.99	21.19	21.18	21.18	20.60	21.09	20.86
		36	35	21.37	21.33	21.37	20.97	20.85	20.94	21.17	21.05	21.16	20.59	21.18	20.80
		75	0	21.40	21.25	21.40	20.98	20.78	20.91	21.18	21.07	21.18	20.62	21.09	20.85

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**	25.63	**25.70**	25.33	**25.70**	**25.70**	**25.70**	**25.70**	**25.70**	**25.20**	**25.20**	25.12
		1	49	25.65	**25.70**	25.64	25.63	25.63	25.69	25.59	25.64	**25.70**	25.08	25.11	25.19
		1	99	25.67	25.67	25.52	**25.70**	25.61	25.57	25.68	25.61	25.67	24.98	25.19	**25.20**
		50	0	25.26	25.20	25.27	25.27	25.26	25.32	25.13	25.08	25.18	24.61	24.62	24.59
		50	24	25.34	25.23	25.25	25.37	25.21	25.31	25.12	25.08	25.18	24.55	24.62	24.70
		50	49	25.29	25.28	25.29	25.29	25.27	25.36	25.09	25.03	25.13	24.39	24.58	24.73
		100	0	25.35	25.21	25.24	25.33	25.23	25.28	25.12	25.04	25.16	24.57	24.59	24.62
	16QAM	1	0	25.55	25.42	25.41	25.51	25.43	25.44	25.28	25.25	25.19	**24.91**	24.88	24.72
		1	49	**25.68**	25.67	25.60	25.52	25.42	25.47	**25.49**	25.42	25.38	24.88	24.88	24.89
		1	99	25.43	25.41	25.26	**25.55**	25.39	25.32	25.23	25.20	25.18	24.64	24.87	24.75
		50	0	24.27	24.20	24.30	24.26	24.27	24.34	24.15	24.06	24.18	23.65	23.60	23.62
		50	24	24.34	24.22	24.26	24.39	24.22	24.33	24.14	24.05	24.19	23.59	23.60	23.70
		50	49	24.32	24.29	24.29	24.39	24.29	24.37	24.12	24.02	24.17	23.40	23.56	23.70
		100	0	24.33	24.22	24.26	24.41	24.24	24.26	24.10	24.06	24.16	23.51	23.56	23.60
	64QAM	1	0	24.56	24.47	24.57	24.29	24.37	24.42	24.34	24.31	24.31	23.44	**24.25**	24.05
		1	49	**24.69**	24.53	24.65	24.39	24.36	**24.46**	24.31	24.33	**24.44**	23.60	**24.25**	24.08
		1	99	24.51	24.47	24.32	24.33	24.39	24.37	24.29	24.21	24.24	22.78	22.51	23.87
		50	0	23.28	23.22	23.29	23.08	23.12	23.27	23.15	23.07	23.17	21.38	22.10	22.91
		50	24	23.34	23.25	23.28	23.19	23.13	23.36	23.15	23.09	23.17	17.94	21.03	20.09
		50	49	23.29	23.30	23.29	23.13	23.20	23.30	23.11	23.03	23.18	22.72	23.03	22.48
		100	0	23.32	23.20	23.25	23.15	23.09	23.32	23.12	23.04	23.18	22.77	21.91	20.75
	256QAM	1	0	21.41	21.49	21.44	21.25	21.32	21.37	21.11	21.20	**21.31**	20.90	20.56	20.27
		1	49	21.41	21.44	21.47	21.23	21.36	**21.41**	21.10	21.19	21.24	20.86	20.97	20.90
		1	99	21.48	**21.56**	21.33	21.19	**21.41**	21.27	21.11	21.07	21.25	20.82	20.93	20.75
		50	0	21.27	21.20	21.28	21.03	21.08	21.23	21.13	21.08	21.15	20.71	20.95	20.84
		50	24	21.33	21.23	21.26	21.11	21.09	21.30	21.14	21.07	21.16	20.78	20.94	20.81
		50	49	21.32	21.29	21.27	21.06	21.13	21.23	21.09	21.01	21.15	20.72	**21.06**	20.74
		100	0	21.33	21.21	21.23	21.09	21.08	21.27	21.12	21.05	21.16	20.77	20.99	20.80

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5G NR n66

Test Engineer ID:	28498	Test Date:	2024-02-24

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	25.32	25.65	25.67	25.61	25.53	25.60	25.60	25.65	25.66	25.09	25.13	25.08
		1	1	25.42	**25.70**	**25.70**	25.66	25.62	**25.70**	25.65	25.66	**25.70**	25.12	**25.15**	25.11
		1	23	25.32	25.66	25.68	25.66	25.54	25.65	25.61	25.66	25.68	25.11	25.13	25.09
		1	24	25.28	25.63	25.63	25.59	25.49	25.54	25.57	25.62	25.65	24.92	25.12	25.05
		12	6	25.27	25.66	25.65	25.61	25.68	25.58	25.65	25.65	25.64	25.06	24.69	25.09
		25	0	25.25	25.55	25.51	25.60	25.62	25.58	25.58	25.64	25.60	25.05	25.05	24.99
	QPSK	1	0	25.27	25.26	25.25	25.29	25.37	25.29	25.28	25.30	25.37	24.81	24.81	24.75
		1	1	25.61	25.63	**25.65**	**25.70**	**25.70**	25.62	**25.70**	**25.70**	25.69	**25.20**	25.15	**25.20**
		1	23	25.29	25.62	25.61	25.63	25.69	25.60	25.66	25.65	25.67	25.03	25.08	25.15
		1	24	24.93	25.17	25.24	25.24	25.19	25.23	25.21	25.28	25.26	24.59	24.69	24.73
		12	6	25.60	25.59	25.62	25.68	25.54	25.65	25.64	25.66	25.67	25.06	25.10	25.11
		25	0	25.28	25.19	25.21	25.28	25.13	25.20	25.21	25.22	25.26	24.62	24.77	24.70
	16QAM	1	0	24.49	24.41	24.03	24.16	24.40	24.40	24.28	24.30	24.23	23.93	23.93	24.07
		1	1	25.25	**25.59**	25.38	**25.44**	25.26	25.37	25.37	**25.44**	25.43	24.94	24.85	**25.08**
		1	23	25.19	24.96	25.21	25.21	25.20	25.18	24.78	25.37	25.15	24.78	24.78	24.70
		1	24	24.31	24.21	23.98	24.01	24.25	24.37	24.27	24.16	24.11	23.68	23.60	23.49
		12	6	25.25	25.27	25.18	25.16	25.13	25.23	25.18	25.28	25.33	24.74	24.65	24.62
		25	0	24.27	24.20	24.27	24.24	24.12	24.15	24.22	24.24	24.19	23.63	23.72	23.67
	64QAM	1	0	24.17	23.91	24.02	23.54	23.55	23.57	23.73	23.37	23.60	23.31	23.22	23.15
		1	1	24.20	24.22	**24.35**	**23.91**	23.72	23.77	**23.80**	23.65	23.79	**23.44**	23.34	23.39
		1	23	24.19	24.00	24.05	23.59	23.65	23.69	23.74	23.54	23.61	23.43	23.23	23.28
		1	24	24.00	23.87	23.99	23.35	23.29	23.48	23.73	23.26	23.55	23.27	23.18	23.14
		12	6	23.75	23.66	23.76	23.77	23.72	23.77	23.78	23.76	23.74	23.24	23.21	23.14
		25	0	23.72	23.70	23.70	23.67	23.64	23.72	23.71	23.72	23.72	23.21	23.26	23.21
	256QAM	1	0	21.87	21.76	21.79	21.71	21.57	21.58	21.78	21.86	21.70	20.77	21.10	20.97
		1	1	21.92	21.95	**22.11**	**21.78**	21.69	21.77	21.96	**22.06**	21.86	**21.21**	21.20	21.08
		1	23	21.89	21.93	21.98	21.75	21.60	21.70	21.85	21.87	21.77	20.93	21.14	20.98
		1	24	21.79	21.72	21.71	21.57	21.49	21.54	21.66	21.65	21.64	20.67	20.94	20.89
		12	6	21.63	21.60	21.64	21.70	21.68	21.59	21.74	21.75	21.60	21.07	21.08	21.00
		25	0	21.78	21.76	21.69	21.75	21.66	21.68	21.73	21.73	21.68	21.10	21.15	21.10

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	25.57	25.65	25.68	25.54	25.59	25.60	25.55	25.54	25.65	25.08	25.08	25.15
		1	1	**25.70**	**25.70**	25.69	25.61	25.63	**25.68**	**25.70**	25.63	25.68	25.15	**25.17**	25.16
		1	50	25.66	**25.70**	25.69	25.60	25.63	25.64	25.62	25.57	25.67	25.10	25.08	25.16
		1	51	25.55	25.54	25.68	25.51	25.53	25.56	25.53	25.52	25.64	25.07	24.96	25.10
		25	12	25.61	25.62	25.68	25.12	25.65	25.63	25.53	25.53	25.60	25.09	25.06	25.11
		50	0	25.68	25.66	25.40	25.57	25.30	25.46	25.61	25.58	25.68	25.10	25.08	25.17
	QPSK	1	0	25.23	25.35	25.25	25.24	25.23	25.25	25.18	25.12	25.25	24.84	24.62	24.80
		1	1	25.63	25.63	**25.70**	**25.70**	**25.70**	25.64	25.63	**25.70**	**25.70**	**25.20**	**25.20**	**25.20**
		1	50	25.57	25.59	25.66	25.57	**25.70**	25.47	25.58	25.64	25.69	25.07	25.03	25.06
		1	51	25.15	25.15	25.20	25.16	25.11	25.19	25.14	25.11	25.20	24.57	24.62	24.77
		25	12	25.64	25.63	25.67	25.53	25.62	25.66	25.59	25.56	25.63	25.10	25.13	25.17
		50	0	25.29	25.25	25.30	25.16	25.26	25.26	25.19	25.19	25.25	24.75	24.77	24.73
	16QAM	1	0	24.14	24.36	24.44	24.50	24.51	24.40	24.18	24.34	24.35	23.96	23.67	23.95
		1	1	25.19	25.18	**25.63**	25.30	**25.52**	25.26	25.21	25.27	**25.43**	25.03	**25.03**	24.89
		1	50	25.18	25.10	25.12	25.29	25.02	25.18	24.84	24.94	24.91	24.74	24.44	24.59
		1	51	24.14	24.00	24.24	24.29	24.41	24.16	24.16	23.83	24.09	23.53	23.36	23.90
		25	12	25.20	25.23	25.29	25.25	25.20	25.30	25.08	25.06	25.23	24.66	24.73	24.75
		50	0	24.31	24.30	24.33	24.21	24.28	24.30	24.21	24.21	24.23	23.72	23.79	23.77
	64QAM	1	0	24.00	24.00	24.04	23.54	23.62	23.62	23.49	23.42	23.55	23.11	23.15	23.23
		1	1	24.10	**24.20**	24.14	23.73	**23.88**	23.81	23.58	23.63	**23.70**	23.23	**23.46**	23.28
		1	50	24.06	24.06	24.06	23.72	23.73	23.63	23.54	23.63	23.55	23.18	23.20	23.24
		1	51	23.89	23.90	23.89	23.48	23.56	23.41	23.37	23.42	23.48	23.07	23.10	22.95
		25	12	23.71	23.80	23.78	23.61	23.74	23.77	23.66	22.14	23.22	23.30	23.30	23.31
		50	0	23.75	23.78	23.83	23.65	23.69	23.79	23.50	23.69	23.12	23.16	23.23	23.22
	256QAM	1	0	21.82	21.89	21.85	21.70	21.63	21.71	21.75	21.81	21.73	20.90	21.03	20.96
		1	1	21.92	**22.06**	21.92	21.88	21.77	**22.08**	21.92	**22.15**	21.89	21.05	21.08	**21.19**
		1	50	21.89	21.95	21.92	21.72	21.70	21.74	21.82	21.91	21.83	20.92	21.07	21.07
		1	51	21.82	21.68	21.77	21.67	21.54	21.60	21.75	21.61	21.71	20.85	20.71	20.71
		25	12	21.70	21.74	21.80	21.70	21.67	21.74	21.64	21.64	21.78	21.17	21.18	21.18
		50	0	21.74	21.79	21.74	21.72	21.77	21.76	21.72	21.66	21.72	21.13	21.00	21.02

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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	25.56	25.66	25.64	25.67	25.57	25.55	25.65	25.62	25.60	25.03	25.14	24.93
		1	1	25.69	**25.70**	**25.70**	**25.70**	**25.70**	25.61	**25.70**	25.66	**25.70**	25.12	**25.17**	25.04
		1	77	25.65	25.67	25.65	25.68	25.62	25.56	25.69	25.64	25.64	25.07	25.16	24.97
		1	78	25.54	25.61	25.63	25.66	25.55	25.54	25.63	25.60	25.57	24.96	25.12	24.92
		36	18	25.48	25.57	25.45	25.58	25.55	25.44	25.51	25.54	25.47	24.81	24.96	24.86
		75	0	25.58	25.59	25.53	25.58	25.58	25.50	25.56	25.58	25.51	24.94	25.04	24.89
	QPSK	1	0	25.16	25.41	25.24	25.39	25.42	25.23	25.27	25.25	25.20	24.66	24.78	24.66
		1	1	**25.70**	**25.70**	25.63	25.69	25.63	**25.70**	25.68	**25.70**	25.63	**25.20**	**25.20**	**25.20**
		1	77	25.60	25.64	25.56	25.58	25.55	25.57	25.54	25.68	25.63	25.00	25.08	25.00
		1	78	25.05	25.11	25.22	25.29	25.28	25.11	25.19	25.21	25.14	24.61	24.72	24.53
		36	18	25.55	25.59	25.46	25.65	25.55	25.50	25.60	25.59	25.41	24.94	25.13	24.98
		75	0	25.17	25.26	25.20	25.31	25.21	25.03	25.22	25.23	25.16	24.58	24.65	24.57
	16QAM	1	0	24.20	24.48	24.47	24.40	24.24	24.25	24.42	24.15	24.33	23.65	24.09	24.04
		1	1	**25.54**	25.39	25.39	**25.36**	25.17	25.26	25.30	**25.58**	25.18	**24.69**	24.56	24.54
		1	77	25.21	25.05	25.25	25.25	25.09	25.05	25.06	25.04	25.06	24.27	24.40	24.45
		1	78	24.15	24.23	24.10	24.18	24.17	24.03	24.31	24.11	24.27	23.33	23.92	23.51
		36	18	25.20	25.29	25.18	25.24	25.19	25.07	25.14	25.14	25.02	24.61	24.64	24.55
		75	0	24.16	24.17	24.18	24.23	24.16	24.13	24.17	24.20	24.08	23.55	23.59	23.56
	64QAM	1	0	23.88	24.06	24.04	23.60	23.61	23.48	23.57	23.60	23.63	22.91	23.25	23.11
		1	1	23.97	**24.15**	24.10	23.73	**23.83**	23.58	23.72	**23.75**	23.66	23.26	**23.41**	23.38
		1	77	23.89	24.07	24.05	23.62	23.71	23.50	23.61	23.68	23.66	23.25	23.33	23.19
		1	78	23.85	24.04	23.99	23.56	23.46	23.34	23.29	23.43	23.52	22.75	23.17	22.90
		36	18	23.62	23.68	23.67	22.79	23.72	23.62	23.74	23.71	23.60	23.01	23.10	23.00
		75	0	23.64	23.74	23.70	22.85	23.72	23.63	23.73	23.72	23.60	23.02	23.18	23.08
	256QAM	1	0	21.71	21.79	21.85	21.69	21.81	21.47	21.75	21.76	21.72	20.65	20.75	20.91
		1	1	21.85	**22.04**	21.95	21.85	**22.00**	21.73	21.80	**21.84**	**21.84**	20.97	21.07	**21.12**
		1	77	21.80	21.80	21.87	21.71	21.85	21.58	21.80	21.78	21.75	20.90	20.85	21.06
		1	78	21.56	21.76	21.66	21.63	21.58	21.44	21.67	21.61	21.67	20.57	20.73	20.82
		36	18	21.64	21.73	21.72	21.63	21.66	21.52	21.67	21.72	21.59	20.98	21.09	20.95
		75	0	21.69	21.73	21.74	21.65	21.61	21.53	21.61	21.66	21.54	20.94	21.08	20.97

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	25.61	25.58	25.62	25.67	25.52	25.50	25.62	25.67	25.67	25.01	25.14	25.14
		1	1	**25.70**	**25.70**	25.68	**25.70**	25.60	25.58	**25.70**	**25.70**	**25.70**	**25.20**	**25.20**	**25.20**
		1	104	25.62	25.67	25.62	25.68	25.53	25.51	25.63	25.68	**25.70**	25.10	25.16	25.14
		1	105	25.59	25.52	25.59	25.59	25.43	25.44	25.57	25.62	25.56	24.99	25.09	25.11
		50	25	25.54	25.55	25.54	25.65	25.56	25.56	25.61	25.52	25.61	25.07	25.16	25.10
		100	0	25.58	25.59	25.57	25.69	25.56	25.58	25.60	25.58	25.64	25.03	25.12	25.13
	QPSK	1	0	25.20	25.31	25.30	25.35	25.25	25.21	25.25	25.14	25.28	24.85	24.85	24.67
		1	1	25.66	25.65	**25.70**	25.67	**25.70**	**25.70**	**25.70**	25.65	25.69	25.13	**25.18**	25.14
		1	104	25.59	25.62	25.62	25.67	25.62	25.68	25.56	25.48	25.67	24.97	25.13	25.02
		1	105	25.14	25.11	25.08	25.30	25.21	25.20	25.22	25.11	25.25	24.70	24.70	24.64
		50	25	25.55	25.58	25.65	25.65	25.57	25.55	25.58	25.52	25.67	25.06	25.07	25.13
		100	0	25.18	25.17	25.22	25.33	25.19	25.21	25.18	25.22	25.22	24.73	24.68	24.72
	16QAM	1	0	24.29	24.54	24.41	24.61	24.50	24.17	24.40	24.36	24.40	23.99	23.87	24.02
		1	1	25.15	24.96	**25.28**	**25.65**	25.54	25.46	25.29	**25.34**	25.29	24.90	**25.12**	25.01
		1	104	25.14	24.92	25.19	25.60	25.25	25.21	25.21	25.11	25.07	24.89	25.01	24.34
		1	105	24.19	24.19	24.08	24.60	24.02	24.02	24.05	24.23	24.40	23.45	23.51	23.78
		50	25	25.21	25.15	25.18	25.30	25.23	25.14	25.20	25.18	25.23	24.65	24.69	24.78
		100	0	24.22	24.20	24.26	24.26	24.23	24.05	24.18	24.24	24.25	23.72	23.71	23.75
	64QAM	1	0	23.94	24.02	23.98	23.87	23.56	23.66	23.52	23.51	23.72	23.21	23.27	23.14
		1	1	**24.35**	24.15	24.10	**24.22**	23.81	23.75	23.87	23.81	**23.89**	**23.47**	23.31	23.25
		1	104	24.03	24.15	24.02	23.88	23.66	23.68	23.79	23.63	23.87	23.23	23.27	23.18
		1	105	23.68	23.95	23.94	23.60	23.56	23.44	23.42	23.48	23.63	23.05	23.26	22.99
		50	25	23.62	23.67	23.73	23.76	23.64	23.69	23.67	23.69	23.73	23.12	23.18	23.19
		100	0	23.75	23.65	23.74	23.75	23.69	23.70	23.67	23.71	23.74	23.13	23.26	23.19
	256QAM	1	0	21.81	21.78	21.82	21.70	21.67	21.54	21.63	21.63	21.51	20.92	21.05	20.89
		1	1	21.91	**21.93**	21.87	**21.87**	21.84	**21.87**	**21.92**	21.73	21.83	21.12	21.10	21.19
		1	104	21.90	21.78	21.85	21.71	21.77	21.85	21.80	21.63	21.62	20.98	21.06	20.96
		1	105	21.62	21.76	21.79	21.63	21.55	21.38	21.46	21.39	21.42	20.91	20.95	20.87
		50	25	21.76	21.64	21.78	21.73	21.60	21.61	21.65	21.72	21.78	21.04	**21.22**	21.09
		100	0	21.73	21.66	21.82	21.70	21.54	21.58	21.68	21.69	21.73	21.06	21.15	20.90

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OUTPUT POWER FOR 5G NR n66 (25.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				344500	349000	353500	344500	349000	353500	344500	349000	353500	344500	349000	353500
				1722.5	1745.0	1767.5	1722.5	1745.0	1767.5	1722.5	1745.0	1767.5	1722.5	1745.0	1767.5
25.0	BPSK	1	0	25.56	25.62	25.59	25.43	25.60	25.53	25.47	25.57	25.57	24.98	25.03	25.06
		1	1	25.67	**25.70**	25.62	25.55	25.62	**25.68**	**25.70**	**25.70**	25.67	**25.20**	**25.20**	25.07
		1	131	25.62	25.64	25.62	25.46	25.62	25.56	25.62	25.59	25.57	25.04	25.14	25.07
		1	132	25.49	25.62	25.53	25.35	25.60	25.52	25.40	25.55	25.56	24.90	24.99	25.02
		64	32	25.53	25.60	25.49	25.35	25.45	25.41	25.44	25.43	25.53	24.99	24.91	24.88
		128	0	25.51	25.65	25.53	25.34	25.47	25.45	25.30	25.51	25.54	24.99	24.92	24.97
	QPSK	1	0	25.27	25.30	25.25	25.27	25.20	25.18	25.16	25.18	25.30	24.77	24.64	24.80
		1	1	**25.70**	25.68	**25.70**	**25.70**	**25.70**	**25.70**	25.60	25.64	**25.70**	25.06	25.10	**25.20**
		1	131	25.58	25.60	25.67	25.35	25.69	25.61	25.57	25.48	25.60	24.97	25.01	24.93
		1	132	25.09	25.21	25.20	24.93	25.16	25.00	25.02	25.13	25.25	24.62	24.63	24.63
		64	32	25.51	25.64	25.51	25.37	25.47	25.41	25.46	25.42	25.53	24.99	24.94	24.94
		128	0	25.14	25.24	25.15	24.99	25.16	25.04	25.08	25.11	25.15	24.66	24.55	24.54
	16QAM	1	0	24.22	24.38	24.23	24.43	24.33	24.51	24.30	24.75	24.52	23.99	23.70	23.63
		1	1	**25.45**	25.32	25.17	25.24	**25.36**	25.18	**25.53**	25.42	25.33	24.76	24.89	**24.95**
		1	131	25.15	25.24	25.15	25.05	25.35	24.86	25.19	25.18	25.21	24.70	24.47	24.90
		1	132	24.07	24.09	24.10	23.99	24.09	24.21	24.07	24.53	23.99	23.90	23.68	23.60
		64	32	25.10	25.23	25.15	24.98	25.11	25.11	25.05	25.18	25.10	24.61	24.54	24.62
		128	0	24.17	24.27	24.16	24.02	24.16	24.05	24.11	24.15	24.15	23.70	23.59	23.55
	64QAM	1	0	23.69	23.85	23.61	23.59	23.67	23.54	23.75	23.79	23.58	23.14	23.15	23.14
		1	1	23.72	**24.01**	23.82	**23.79**	23.76	23.73	**23.98**	23.89	23.80	**23.45**	23.26	23.41
		1	131	23.70	23.85	23.75	23.72	23.71	23.70	23.81	23.83	23.79	23.35	23.16	23.18
		1	132	23.59	23.81	23.60	23.57	23.58	23.53	23.53	23.69	23.42	22.97	23.10	23.01
		64	32	23.61	23.70	23.62	23.51	23.50	23.50	23.53	23.54	23.52	23.10	23.00	23.08
		128	0	23.62	23.75	23.60	23.53	23.60	23.52	23.58	23.65	23.62	23.12	23.00	23.05
	256QAM	1	0	21.70	21.88	21.70	21.46	21.62	21.33	21.43	21.50	21.55	20.91	20.90	20.91
		1	1	21.81	**21.91**	21.76	21.70	**21.78**	21.42	21.67	**21.82**	21.66	**21.10**	21.00	21.05
		1	131	21.74	21.89	21.70	21.51	21.69	21.35	21.49	21.63	21.65	21.00	20.96	20.92
		1	132	21.67	21.87	21.67	21.30	21.40	21.25	21.37	21.35	21.52	20.89	20.75	20.88
		64	32	21.53	21.66	21.54	21.40	21.46	21.49	21.63	21.56	21.58	21.03	20.98	20.95
		128	0	21.62	21.69	21.61	21.49	21.59	21.48	21.56	21.60	21.65	21.01	21.07	21.05

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	25.61	25.52	25.51	25.57	25.53	25.57	25.49	25.59	25.63	25.07	25.05	25.09
		1	1	**25.66**	25.63	25.56	25.64	25.64	**25.65**	25.63	25.69	**25.69**	**25.20**	25.19	**25.20**
		1	158	25.62	25.59	25.54	25.64	25.54	25.59	25.55	25.67	25.66	25.16	25.09	25.13
		1	159	25.58	25.50	25.50	25.56	25.47	25.51	25.49	25.46	25.62	24.99	25.05	25.03
		80	40	25.20	25.64	25.62	25.60	25.62	25.12	25.63	25.63	25.45	25.07	25.16	25.06
		160	0	24.90	25.10	25.12	25.12	24.58	25.21	25.01	25.01	25.01	25.16	25.12	25.08
	QPSK	1	0	25.23	25.37	25.16	25.20	25.35	25.45	25.29	25.31	25.35	24.73	24.80	24.69
		1	1	**25.70**	25.65	25.55	**25.70**	25.58	**25.70**	25.63	25.67	**25.69**	25.07	25.09	**25.16**
		1	158	25.69	25.53	25.54	25.48	25.52	25.63	25.59	25.63	25.67	24.99	25.07	25.10
		1	159	25.20	25.25	25.16	25.15	25.25	25.20	25.14	25.24	25.32	24.69	24.70	24.49
		80	40	25.67	25.68	25.69	25.67	25.65	25.64	25.63	25.62	25.65	25.08	25.10	25.08
		160	0	25.29	25.27	25.22	25.37	25.36	25.31	25.30	25.35	25.39	24.76	24.81	24.71
	16QAM	1	0	24.39	24.23	24.31	24.62	24.31	24.67	24.45	24.47	24.09	23.86	23.66	23.87
		1	1	25.33	**25.44**	25.09	25.12	25.19	**25.51**	25.41	25.25	**25.49**	**25.05**	24.82	24.75
		1	158	25.24	25.33	25.04	25.03	25.01	25.31	25.38	24.91	25.18	24.51	24.48	24.74
		1	159	23.94	23.98	23.85	24.22	24.30	24.27	24.12	24.10	24.02	23.45	23.64	23.71
		80	40	25.25	25.29	25.21	25.26	25.26	25.30	25.27	25.36	25.37	24.74	24.77	24.71
		160	0	24.31	24.30	24.22	24.35	24.31	24.33	24.25	24.35	24.38	23.76	23.82	23.71
	64QAM	1	0	23.81	23.66	23.59	23.78	23.62	23.60	23.72	23.59	23.75	22.97	23.21	23.14
		1	1	**23.88**	23.72	23.67	24.01	23.93	**24.08**	23.81	**23.86**	23.82	23.12	**23.51**	23.28
		1	158	23.87	23.68	23.66	23.97	23.75	23.73	23.79	23.82	23.78	23.04	23.25	23.18
		1	159	23.73	23.61	23.50	23.41	23.43	23.28	23.51	23.55	23.53	22.94	23.12	22.92
		80	40	23.76	23.76	23.70	23.78	23.70	23.74	23.72	23.77	23.12	23.18	23.27	23.23
		160	0	23.77	23.77	23.77	23.84	23.79	23.85	23.59	22.80	23.00	23.24	23.30	23.22
	256QAM	1	0	21.88	21.85	21.74	21.78	21.77	21.79	21.56	21.63	21.77	21.02	21.09	20.96
		1	1	**22.09**	22.07	21.90	22.09	21.98	**22.19**	21.76	**22.07**	21.86	21.41	21.34	**21.56**
		1	158	21.95	21.91	21.89	21.91	21.80	21.87	21.59	21.86	21.81	21.34	21.21	21.00
		1	159	21.87	21.73	21.70	21.73	21.49	21.64	21.53	21.57	21.72	20.88	20.63	20.84
		80	40	21.70	21.73	21.73	21.81	21.76	21.71	21.64	21.83	21.89	21.09	21.26	21.20
		160	0	21.75	21.76	21.76	21.80	21.73	21.74	21.63	21.85	21.90	21.14	21.32	21.22

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OUTPUT POWER FOR 5G NR n66 (35.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				345500	349000	352500	345500	349000	352500	345500	349000	352500	345500	349000	352500
				1727.5	1745.0	1762.5	1727.5	1745.0	1762.5	1727.5	1745.0	1762.5	1727.5	1745.0	1762.5
35.0	BPSK	1	0	25.48	25.55	25.48	25.48	25.47	25.40	25.51	25.43	25.40	23.32	23.24	23.26
		1	1	**25.70**	25.63	**25.70**	**25.70**	**25.70**	**25.70**	**25.70**	25.61	**25.70**	23.37	23.35	**23.42**
		1	186	25.54	25.60	25.61	25.60	25.69	25.49	25.61	25.56	25.61	23.33	23.30	23.36
		1	187	25.39	25.45	25.47	25.44	25.30	25.31	25.41	25.38	25.39	23.17	23.11	23.23
		90	45	25.42	25.40	25.40	25.42	25.35	25.23	25.31	25.42	25.30	23.10	23.15	22.95
		180	0	25.36	25.46	25.48	25.44	25.40	25.31	25.49	25.57	25.44	23.10	23.10	23.10
	QPSK	1	0	25.18	25.23	25.21	25.27	25.50	25.18	25.58	25.55	25.50	22.98	23.01	23.04
		1	1	25.45	**25.70**	25.61	25.62	25.68	**25.69**	25.67	**25.70**	25.69	23.21	23.13	**23.24**
		1	186	25.40	25.54	25.48	25.57	25.54	25.57	25.62	25.62	25.61	23.17	23.11	23.23
		1	187	24.95	25.16	24.92	25.12	25.50	25.03	24.97	25.50	25.40	22.95	22.85	22.96
		90	45	25.30	25.46	25.46	25.46	25.46	25.07	25.44	25.61	25.42	22.83	22.78	22.85
		180	0	24.80	24.98	25.04	25.04	25.51	25.17	25.38	25.50	25.45	22.59	22.51	22.59
	16QAM	1	0	24.28	24.26	24.44	24.76	25.18	24.73	24.47	24.80	25.25	22.49	22.41	22.52
		1	1	25.16	25.17	**25.32**	25.22	**25.56**	25.19	25.48	**25.68**	25.50	**22.68**	**22.68**	22.67
		1	186	24.98	25.13	25.28	24.83	25.25	24.87	24.89	25.44	25.32	22.50	22.66	22.60
		1	187	24.12	24.14	24.35	24.61	24.69	24.13	24.22	24.65	24.61	22.31	22.24	22.40
		90	45	24.93	24.98	25.06	25.52	25.49	25.32	25.39	25.61	25.30	22.19	22.06	22.20
		180	0	23.93	24.05	24.06	24.85	24.81	24.61	24.52	24.60	24.54	21.59	21.49	21.66
	64QAM	1	0	23.84	23.86	23.81	24.21	24.36	24.28	23.94	24.23	24.16	22.09	21.96	22.10
		1	1	23.90	**24.07**	23.91	**24.71**	24.69	24.48	24.37	24.46	**24.51**	**22.33**	22.04	22.17
		1	186	23.85	24.06	23.88	24.36	24.67	24.41	24.22	24.26	24.30	22.10	22.01	22.16
		1	187	23.79	23.76	23.78	24.10	24.27	24.07	23.93	24.21	24.09	22.08	21.93	21.91
		90	45	23.50	23.67	23.58	24.23	24.20	23.97	23.93	24.11	23.95	20.89	20.85	20.87
		180	0	23.41	23.53	23.56	24.45	24.24	24.08	23.90	24.21	24.05	21.12	21.10	21.11
	256QAM	1	0	21.74	21.65	21.59	22.73	22.55	22.37	22.37	22.43	22.06	21.03	21.06	21.10
		1	1	21.84	21.80	**21.92**	**22.82**	22.80	22.67	22.38	**22.70**	22.50	21.22	21.18	**22.16**
		1	186	21.78	21.66	21.87	**22.82**	22.66	22.43	22.38	22.64	22.10	21.15	21.16	21.25
		1	187	21.66	21.60	21.54	22.51	22.45	22.27	22.13	22.36	22.00	21.00	20.73	20.84
		90	45	21.53	21.59	21.64	22.38	22.34	22.08	22.08	22.22	22.05	20.31	20.16	20.08
		180	0	21.54	21.66	21.59	22.44	22.37	22.11	22.05	22.24	22.03	20.39	20.24	20.11

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	25.60	25.57	25.65	25.49	25.48	25.54	25.57	25.67	25.60	25.08	25.07	25.10
		1	1	**25.70**	25.64	**25.70**	**25.70**	25.59	**25.70**	**25.70**	**25.70**	25.63	**25.20**	25.10	25.14
		1	214	25.67	25.59	25.66	25.56	25.58	25.60	25.64	25.68	25.61	**25.20**	25.08	25.10
		1	215	25.55	25.44	25.63	25.48	25.46	25.42	25.55	25.66	25.56	25.03	24.98	25.06
		108	54	25.61	25.42	25.64	25.63	25.62	25.61	25.51	25.64	25.57	25.01	25.07	25.09
		216	0	25.64	25.45	25.69	25.69	25.45	25.65	25.31	25.44	25.45	25.09	24.92	24.95
	QPSK	1	0	25.22	25.16	25.39	25.24	25.34	25.28	25.24	25.27	25.16	24.75	24.70	24.64
		1	1	25.55	25.46	**25.66**	25.49	**25.70**	25.57	25.64	**25.69**	25.58	25.05	**25.20**	25.12
		1	214	25.53	25.43	25.55	25.44	25.54	25.53	25.57	25.55	25.55	25.03	25.09	25.04
		1	215	25.10	25.05	25.21	25.12	25.16	25.05	25.10	25.24	25.11	24.51	24.66	24.53
		108	54	25.40	25.24	25.45	25.68	25.63	25.62	25.55	25.44	25.62	25.06	25.11	25.12
		216	0	25.03	25.06	25.30	25.35	25.32	25.25	25.16	25.29	25.24	24.71	24.80	24.79
	16QAM	1	0	24.32	24.10	24.41	24.02	24.26	24.70	24.50	24.59	24.18	23.49	23.75	23.99
		1	1	25.05	25.38	**25.66**	25.05	**25.15**	25.04	24.98	**25.55**	25.39	**25.00**	24.91	24.84
		1	214	24.69	25.31	25.54	24.98	25.09	24.97	24.80	25.42	24.76	24.65	24.88	24.73
		1	215	24.22	23.89	23.93	23.97	24.10	24.31	24.20	24.24	24.11	23.49	23.73	23.70
		108	54	25.22	25.20	25.28	25.11	24.98	24.99	25.08	25.26	25.23	24.65	24.76	24.75
		216	0	24.27	24.30	24.38	24.34	24.30	24.28	24.14	24.41	24.29	23.73	23.80	23.84
	64QAM	1	0	23.69	23.51	23.73	23.62	23.47	23.33	23.58	23.69	23.65	23.12	23.22	22.99
		1	1	23.73	23.71	**23.86**	23.86	23.57	**24.09**	23.70	**23.87**	23.77	23.25	**23.41**	23.27
		1	214	23.70	23.66	23.82	23.84	23.48	23.72	23.67	23.77	23.66	23.21	23.26	23.03
		1	215	23.65	23.50	23.69	23.58	23.43	23.33	23.43	23.67	23.50	23.11	23.06	22.96
		108	54	23.72	23.79	23.64	23.85	23.77	23.77	23.66	23.62	23.73	23.10	23.20	23.20
		216	0	23.72	23.82	23.85	23.83	23.84	23.78	23.62	23.63	23.80	23.23	23.23	23.25
	256QAM	1	0	21.84	22.07	21.91	21.83	21.71	21.80	21.54	21.71	21.43	21.09	21.02	21.09
		1	1	**22.27**	22.25	22.17	22.00	21.96	**22.23**	21.80	**22.01**	22.00	**21.48**	21.36	21.25
		1	214	22.16	22.20	22.13	22.00	21.86	22.00	21.78	21.92	21.75	21.11	21.30	21.25
		1	215	21.82	21.99	21.82	21.81	21.61	21.78	21.16	21.59	21.35	21.06	20.91	21.06
		108	54	21.69	21.72	21.78	21.74	21.72	21.74	21.67	21.82	21.78	21.09	21.14	21.14
		216	0	21.77	21.79	21.81	21.79	21.76	21.77	21.72	21.87	21.74	21.18	21.21	21.24

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8.5. 5G NR n70

Test Engineer ID:	28567	Test Date:	2024-02-27

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	25.54	25.57	25.62	25.43	25.53	25.53	25.27	25.33	25.27	25.10	25.14	25.15
		1	1	25.62	25.59	**25.68**	25.54	25.59	**25.70**	25.35	**25.50**	25.38	**25.20**	25.19	25.19
		1	23	25.56	25.59	25.63	25.45	25.54	25.57	25.33	25.37	25.33	25.11	25.16	25.15
		1	24	25.52	25.57	25.54	25.17	25.53	25.45	25.19	25.31	25.20	25.09	25.14	25.09
		12	6	25.53	25.65	25.63	25.40	25.61	25.45	25.25	25.42	25.33	25.10	25.06	25.15
		25	0	25.51	25.55	25.61	25.30	25.60	25.42	25.14	25.25	25.17	25.08	25.10	25.05
	QPSK	1	0	25.22	25.35	25.38	25.01	25.33	25.20	24.72	24.87	24.77	24.85	24.80	24.81
		1	1	**25.70**	**25.70**	**25.70**	**25.70**	**25.70**	25.54	**25.50**	25.37	**25.50**	25.18	**25.20**	**25.20**
		1	23	25.69	25.62	25.68	25.38	25.67	25.51	25.42	25.34	25.35	25.11	25.15	25.13
		1	24	25.18	25.24	25.30	24.95	25.17	25.14	24.65	24.80	24.70	24.77	24.73	24.77
		12	6	25.60	25.66	25.69	25.44	25.57	25.52	25.32	25.41	25.33	25.11	25.07	25.16
		25	0	25.17	25.21	25.29	24.97	25.18	25.12	24.66	24.81	24.72	24.69	24.76	24.73
	16QAM	1	0	24.19	24.29	24.32	24.36	24.20	24.11	23.90	23.70	23.92	23.96	23.79	23.89
		1	1	25.32	25.28	**25.34**	25.56	**25.63**	25.09	24.53	**24.99**	24.95	24.86	**25.01**	24.83
		1	23	24.96	25.28	25.01	25.07	25.29	25.07	24.47	24.85	24.71	24.63	24.95	24.59
		1	24	24.17	24.09	24.27	24.19	23.99	23.56	23.52	23.66	23.63	23.91	23.54	23.76
		12	6	25.27	25.34	25.23	25.11	25.19	25.12	24.76	24.81	24.65	24.69	24.70	24.73
		25	0	24.26	24.33	24.23	24.05	24.19	24.13	23.70	23.81	23.73	23.73	23.73	23.73
	64QAM	1	0	23.75	24.04	23.82	23.13	23.50	23.32	23.45	23.63	23.47	23.39	23.48	23.33
		1	1	24.12	**24.22**	24.01	23.36	**23.81**	23.42	23.63	**23.81**	23.67	**23.58**	23.53	23.43
		1	23	23.99	24.05	23.89	23.29	23.51	23.42	23.51	**23.81**	23.62	23.53	23.50	23.37
		1	24	23.69	23.76	23.78	23.11	23.46	23.28	23.33	23.48	23.44	23.38	23.14	23.29
		12	6	23.72	23.77	23.77	23.44	23.70	23.59	23.20	23.35	23.26	23.12	23.26	23.26
		25	0	23.77	23.84	23.76	23.49	23.68	23.51	23.17	23.30	23.18	23.22	23.23	23.27
	256QAM	1	0	21.81	21.81	21.90	21.72	21.65	21.57	21.32	21.47	21.42	21.11	21.29	21.16
		1	1	21.87	**22.12**	22.01	**21.97**	21.85	21.87	21.48	**21.70**	21.50	21.18	21.30	**21.44**
		1	23	21.86	22.11	22.00	21.73	21.79	21.59	21.41	21.53	21.47	21.17	21.30	21.17
		1	24	21.73	21.75	21.84	21.59	21.63	21.54	21.30	21.39	21.30	21.11	21.23	21.03
		12	6	21.69	21.77	21.78	21.47	21.56	21.47	21.09	21.20	21.11	21.12	21.17	21.14
		25	0	21.66	21.87	21.84	21.52	21.55	21.50	21.27	21.27	21.25	21.02	21.07	21.17

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	25.58	25.55	25.58	25.62	25.55	25.54	25.38	25.29	25.36	25.11	25.08	25.01
		1	1	25.68	25.63	**25.70**	**25.70**	25.61	**25.70**	25.45	25.46	**25.50**	**25.20**	25.18	**25.20**
		1	50	25.66	25.61	25.61	25.62	25.58	25.60	25.40	25.41	25.39	25.12	25.15	25.01
		1	51	25.53	25.53	25.49	25.57	25.54	25.48	25.30	25.27	25.29	25.08	24.97	24.95
		25	12	25.57	25.64	25.60	25.62	25.57	25.59	25.39	25.41	25.40	25.14	25.04	25.04
		50	0	25.66	25.30	25.66	25.66	25.60	25.60	25.32	25.36	25.33	25.15	25.10	25.04
	QPSK	1	0	25.14	25.36	25.26	25.29	25.35	25.21	24.82	24.89	24.93	24.79	24.77	24.71
		1	1	**25.70**	25.69	25.67	25.67	**25.70**	25.67	25.49	**25.50**	**25.50**	**25.13**	**25.13**	25.06
		1	50	25.68	25.65	25.56	25.63	25.53	25.67	25.34	25.44	25.36	25.07	25.09	25.05
		1	51	25.10	25.31	25.22	25.16	25.18	25.18	24.78	24.86	24.79	24.50	24.61	24.63
		25	12	25.68	25.67	25.68	25.65	25.62	25.63	25.10	25.49	25.49	25.00	25.10	25.07
		50	0	25.25	25.32	25.25	25.31	25.27	25.23	24.86	24.87	24.86	24.71	24.72	24.67
	16QAM	1	0	24.32	24.31	24.42	24.59	24.38	24.16	23.91	24.02	24.22	23.80	23.81	23.86
		1	1	25.40	**25.59**	25.50	25.46	**25.54**	25.22	24.98	24.84	**25.05**	24.62	**25.06**	24.52
		1	50	25.29	25.27	25.19	25.27	25.19	25.14	24.88	24.62	24.51	24.00	24.72	24.46
		1	51	24.29	23.93	24.38	24.45	23.99	24.12	23.57	23.91	23.90	23.61	23.76	23.70
		25	12	25.34	25.29	25.19	25.32	25.22	25.17	24.78	24.86	24.76	24.83	24.80	24.72
		50	0	24.25	24.26	24.21	24.33	24.33	24.25	23.88	23.88	23.91	23.78	23.79	23.69
	64QAM	1	0	23.97	23.89	23.87	23.50	23.47	23.49	23.55	23.64	23.59	23.26	23.41	23.25
		1	1	24.01	24.09	**24.10**	23.57	**23.69**	23.58	23.70	**23.90**	23.64	23.63	**23.78**	23.48
		1	50	23.99	23.93	23.89	23.50	23.48	23.53	23.59	23.75	23.60	23.56	23.50	23.44
		1	51	23.85	23.78	23.78	23.41	23.40	23.31	23.45	23.50	23.59	23.22	23.38	23.11
		25	12	23.79	23.80	23.85	22.90	22.80	22.80	23.28	23.27	23.26	23.25	23.33	23.14
		50	0	23.74	23.78	23.74	23.12	22.48	22.78	23.33	23.32	23.37	23.16	23.26	23.07
	256QAM	1	0	21.80	21.74	21.90	21.83	21.74	21.82	21.31	21.35	21.47	21.21	21.25	21.03
		1	1	21.95	**22.03**	21.92	21.93	22.12	**22.13**	**21.66**	21.61	21.55	**21.63**	21.56	21.18
		1	50	21.84	21.97	21.91	21.91	21.79	21.84	21.40	21.54	21.54	21.22	21.32	21.12
		1	51	21.79	21.62	21.81	21.80	21.69	21.69	21.30	21.22	21.32	21.20	21.12	20.98
		25	12	21.72	21.74	21.75	21.69	21.70	21.66	21.31	21.44	21.42	21.13	21.16	21.16
		50	0	21.72	21.67	21.73	21.69	21.67	21.73	21.30	21.40	21.46	21.20	21.25	21.07

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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		25.64			25.45			25.40			25.10	
		1	1		**25.67**			**25.49**			**25.50**			**25.20**	
		1	77		25.66			25.46			25.42			25.15	
		1	78		25.57			25.35			25.28			25.07	
		36	18		25.51			25.42			25.31			24.97	
		75	0		25.20			25.37			25.28			24.99	
	QPSK	1	0		25.33			25.14			24.93			24.83	
		1	1		**25.66**			**25.70**			**25.43**			**25.15**	
		1	77		25.64			25.44			**25.43**			25.06	
		1	78		25.23			24.91			24.84			24.59	
		36	18		25.63			25.38			25.32			25.03	
		75	0		25.27			24.96			24.82			24.63	
	16QAM	1	0		24.38			24.26			24.24			23.73	
		1	1		**25.26**			**24.99**			**24.59**			**25.01**	
		1	77		25.17			24.90			24.31			24.75	
		1	78		24.23			24.16			24.01			23.63	
		36	18		24.85			24.51			24.29			24.61	
		75	0		24.29			24.07			23.82			23.65	
	64QAM	1	0		23.84			23.46			23.73			23.35	
		1	1		**23.97**			**23.58**			**23.91**			**23.57**	
		1	77		23.91			23.47			23.77			23.37	
		1	78		23.84			23.34			23.44			23.16	
		36	18		23.78			23.47			23.35			23.11	
		75	0		23.71			23.52			23.34			23.15	
	256QAM	1	0		21.82			21.77			21.46			21.18	
		1	1		**21.93**			**21.99**			**21.57**			**21.29**	
		1	77		21.88			21.90			21.54			21.26	
		1	78		21.79			21.68			21.32			20.95	
		36	18		21.70			21.50			21.33			21.18	
		75	0		21.73			21.52			21.38			21.17	

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8.6. LTE BAND 71 AND 5G NR n71

LTE BAND 71

Test Engineer ID:	39004	Test Date:	2024-02-19

OUTPUT POWER FOR LTE BAND 71 (5.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)					
				ANT 1			ANT 2		
				133147	133297	133447	133147	133297	133447
				665.5	680.5	695.5	665.5	680.5	695.5
5.0	QPSK	1	0	25.66	25.56	25.56	25.11	25.09	25.12
		1	12	**25.70**	**25.70**	**25.70**	**25.20**	**25.20**	**25.20**
		1	24	25.52	25.48	25.56	25.08	25.10	25.05
		12	0	25.20	25.14	25.20	24.15	24.19	24.23
		12	6	25.29	25.15	25.26	24.22	24.21	24.27
		12	11	25.24	25.18	25.23	24.21	24.26	24.22
		25	0	25.22	25.13	25.23	24.21	24.17	24.24
	16QAM	1	0	25.45	25.36	25.38	25.18	25.16	**25.20**
		1	12	25.47	**25.51**	**25.51**	**25.20**	**25.19**	**25.20**
		1	24	25.36	25.26	25.38	25.18	25.14	25.16
		12	0	24.26	24.11	24.35	23.98	24.00	24.08
		12	6	24.35	24.13	24.37	24.10	24.04	24.08
		12	11	24.28	24.15	24.36	24.02	24.09	24.06
		25	0	24.25	24.15	24.23	24.10	24.04	24.09
	64QAM	1	0	24.54	24.40	24.29	24.09	24.05	**24.13**
		1	12	24.51	**24.56**	24.33	**24.23**	24.14	24.07
		1	24	24.52	24.43	24.23	24.10	**24.23**	23.91
		12	0	23.31	23.09	23.21	22.84	22.94	22.92
		12	6	23.41	23.09	23.26	22.93	22.94	22.91
		12	11	23.33	23.15	23.02	22.91	22.99	22.90
		25	0	23.33	23.15	23.02	22.89	22.91	22.93
	256QAM	1	0	21.36	21.37	21.08	21.02	21.00	**20.98**
		1	12	**21.44**	**21.44**	21.09	**21.12**	**21.23**	20.96
		1	24	21.33	21.31	21.04	20.96	21.13	20.93
		12	0	21.28	21.14	21.00	20.82	20.93	20.92
		12	6	21.37	21.16	21.05	20.92	20.95	20.91
		12	11	21.32	21.21	21.05	20.88	20.98	20.88
		25	0	21.31	21.13	21.01	20.89	20.88	20.85

OUTPUT POWER FOR LTE BAND 71 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)					
				ANT 1			ANT 2		
				133172	133322	133422	133172	133322	133422
				668.0	683.0	693.0	668.0	683.0	693.0
10.0	QPSK	1	0	**25.70**	**25.70**	**25.70**	**25.20**	**25.20**	**25.20**
		1	24	25.58	25.58	25.55	**25.20**	25.18	25.16
		1	49	25.44	25.44	25.51	25.19	25.14	25.08
		25	0	25.23	25.23	25.10	24.30	24.26	24.24
		25	12	25.24	25.24	25.12	24.39	24.27	24.22
		25	24	25.14	25.14	25.16	24.37	24.30	24.24
		50	0	25.21	25.21	25.07	24.38	24.24	24.21
	16QAM	1	0	**25.53**	**25.33**	25.28	**25.31**	**25.31**	**25.33**
		1	24	25.35	25.27	25.24	25.18	25.29	25.29
		1	49	25.18	25.21	**25.30**	25.20	**25.31**	25.26
		25	0	24.24	24.12	24.12	24.18	24.13	24.11
		25	12	24.27	24.08	24.13	24.24	24.12	24.08
		25	24	24.16	24.12	24.18	24.19	24.17	24.13
		50	0	24.23	24.06	24.10	24.23	24.11	24.05
	64QAM	1	0	**24.56**	**24.50**	24.42	24.13	23.98	**24.01**
		1	24	24.48	24.43	**24.48**	**24.22**	**24.07**	**24.01**
		1	49	24.36	24.32	24.37	24.21	23.99	23.98
		25	0	23.32	23.12	23.10	22.89	22.91	22.79
		25	12	23.32	23.09	23.13	22.97	22.89	22.78
		25	24	23.26	23.13	23.18	22.93	22.91	22.81
		50	0	23.32	23.08	23.11	22.98	22.86	22.76
	256QAM	1	0	**21.43**	21.31	21.21	21.02	20.98	20.95
		1	24	**21.43**	**21.35**	**21.37**	**21.09**	**21.03**	**21.01**
		1	49	21.13	21.15	21.33	20.95	20.86	20.83
		25	0	21.31	21.09	21.09	20.89	20.88	20.78
		25	12	21.35	21.08	21.13	20.98	20.88	20.80
		25	24	21.25	21.11	21.18	20.92	20.90	20.80
		50	0	21.30	21.07	21.10	20.94	20.84	20.75

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OUTPUT POWER FOR LTE BAND 71 (15.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)					
				ANT 1			ANT 2		
				133197	133297	133397	133197	133297	133397
				670.5	680.5	690.5	670.5	680.5	690.5
15.0	QPSK	1	0	**25.70**	**25.70**	25.53	**25.20**	25.16	**25.20**
		1	37	25.43	25.54	**25.70**	25.18	**25.20**	**25.20**
		1	74	25.31	25.48	25.50	25.13	25.12	25.09
		36	0	25.14	25.20	25.19	24.29	24.30	24.30
		36	16	25.13	25.18	25.18	24.35	24.27	24.28
		36	35	25.02	25.18	25.24	24.31	24.32	24.31
		75	0	25.12	25.16	25.19	24.34	24.29	24.31
	16QAM	1	0	**25.38**	**25.44**	25.39	24.52	24.26	24.38
		1	37	25.29	25.41	**25.40**	**24.60**	**24.40**	**24.44**
		1	74	25.14	25.35	25.33	24.43	24.31	24.27
		36	0	24.36	24.24	24.21	23.28	23.32	23.30
		36	16	24.35	24.19	24.19	23.38	23.31	23.29
		36	35	24.27	24.19	24.25	23.31	23.32	23.31
		75	0	24.37	24.19	24.21	23.38	23.28	23.35
	64QAM	1	0	**24.69**	24.26	**24.46**	23.17	23.05	**23.13**
		1	37	24.52	**24.44**	24.14	**23.25**	**23.09**	23.09
		1	74	24.44	24.32	24.08	23.12	23.06	22.95
		36	0	23.36	23.25	22.90	21.92	22.01	21.96
		36	16	23.35	23.19	22.91	21.99	21.97	21.94
		36	35	23.25	23.19	22.99	21.95	21.98	21.94
		75	0	23.37	23.20	22.78	22.01	21.98	21.95
	256QAM	1	0	**21.59**	21.27	20.93	20.05	20.06	20.05
		1	37	21.37	**21.36**	21.01	20.11	20.09	**20.06**
		1	74	21.38	21.34	**21.10**	**20.20**	**20.18**	19.99
		36	0	21.38	21.24	20.91	19.96	20.02	19.97
		36	16	21.38	21.19	20.92	19.99	19.98	19.94
		36	35	21.28	21.22	20.98	19.98	20.01	19.94
		75	0	21.38	21.20	20.94	20.00	19.97	19.92

OUTPUT POWER FOR LTE BAND 71 (20.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)					
				ANT 1			ANT 2		
				133222	133322	133372	133222	133322	133372
				673.0	683.0	688.0	673.0	683.0	688.0
20.0	QPSK	1	0	**25.70**	**25.70**	**25.70**	25.16	**25.20**	25.18
		1	49	25.34	25.22	25.23	**25.20**	25.17	**25.20**
		1	99	25.14	25.15	25.22	25.13	25.11	25.04
		50	0	24.98	24.94	24.91	24.33	24.33	24.32
		50	24	25.00	24.84	24.90	24.39	24.31	24.38
		50	49	24.88	24.84	24.94	24.37	24.31	24.31
		100	0	25.02	24.88	24.94	24.41	24.30	24.31
	16QAM	1	0	**25.22**	25.20	25.04	24.91	24.91	24.87
		1	49	25.19	**25.31**	**25.17**	**25.18**	**25.14**	**25.02**
		1	99	24.83	24.93	24.90	24.82	24.82	24.76
		50	0	24.03	24.01	23.96	23.91	23.88	23.89
		50	24	23.99	23.93	23.96	23.95	23.84	23.94
		50	49	23.87	23.90	23.95	23.95	23.85	23.85
		100	0	24.02	23.94	23.96	23.97	23.85	23.89
	64QAM	1	0	**24.34**	24.33	23.97	22.96	23.04	23.02
		1	49	24.24	**24.43**	**24.08**	**23.08**	**23.11**	**23.07**
		1	99	23.99	24.14	23.88	22.92	22.91	22.83
		50	0	23.01	22.95	22.87	21.83	21.89	21.82
		50	24	23.01	22.89	22.84	21.90	21.85	21.77
		50	49	22.83	22.86	22.86	21.85	21.85	21.75
		100	0	23.02	22.92	22.86	21.90	21.85	21.77
	256QAM	1	0	**21.34**	**21.23**	**21.05**	19.88	**20.00**	**19.85**
		1	49	21.07	21.02	20.91	19.80	19.97	19.79
		1	99	21.05	21.13	20.92	**19.98**	19.95	19.80
		50	0	21.05	20.98	20.90	19.85	19.88	19.82
		50	24	20.99	20.89	20.84	19.89	19.83	19.74
		50	49	20.88	20.91	20.89	19.88	19.84	19.78
		100	0	21.03	20.92	20.88	19.89	19.85	19.76

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5G NR n71

Test Engineer ID:	28567	Test Date:	2024-03-06

OUTPUT POWER FOR 5G NR n71 (5.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)					
				ANT 1			ANT 2		
				133100	136100	139100	133100	136100	139100
				665.5	680.5	695.5	665.5	680.5	695.5
5.0	BPSK	1	0	25.62	25.59	25.51	25.05	25.06	25.05
		1	1	**25.70**	**25.70**	25.65	**25.20**	**25.20**	**25.20**
		1	23	25.66	25.59	25.60	25.09	25.07	25.18
		1	24	25.60	25.53	25.46	25.00	25.06	25.03
		12	6	25.57	25.63	25.64	25.08	25.13	25.08
		25	0	25.50	25.56	25.49	25.07	25.07	25.08
	QPSK	1	0	25.20	25.14	25.27	24.77	24.69	24.76
		1	1	**25.69**	**25.69**	25.62	**25.18**	25.08	25.11
		1	23	25.57	25.57	25.56	25.05	25.04	24.96
		1	24	24.68	25.12	24.59	24.69	24.65	24.66
		12	6	25.55	25.66	25.40	25.11	25.08	25.16
		25	0	24.97	25.27	24.92	24.71	24.70	24.69
	16QAM	1	0	24.04	24.00	24.08	23.95	23.63	23.67
		1	1	25.23	**25.68**	25.06	24.84	24.78	**25.06**
		1	23	24.93	24.92	24.32	24.72	24.69	24.31
		1	24	23.63	23.99	23.74	23.57	23.48	23.32
		12	6	25.00	25.22	24.92	24.67	24.82	24.80
		25	0	24.01	24.24	23.78	23.73	23.75	23.70
	64QAM	1	0	22.79	23.21	22.98	23.00	23.05	22.94
		1	1	23.20	**23.52**	23.32	23.14	**23.34**	23.02
		1	23	23.05	23.40	23.29	23.02	23.14	23.00
		1	24	22.73	22.94	22.87	22.99	22.62	22.88
		12	6	23.50	22.45	23.49	23.05	23.18	23.09
		25	0	22.40	23.00	23.26	23.14	23.14	23.14
	256QAM	1	0	21.71	21.60	21.39	21.45	21.44	21.50
		1	1	**21.76**	21.66	21.49	21.51	21.53	**21.73**
		1	23	21.71	21.65	21.47	21.48	21.46	21.69
		1	24	21.49	21.47	21.18	21.21	21.20	21.17
		12	6	20.98	21.20	21.72	21.13	21.07	21.10
		25	0	21.62	21.67	21.61	21.27	21.22	21.18

OUTPUT POWER FOR 5G NR n71 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)					
				ANT 1			ANT 2		
				133600	136600	138600	133600	136600	138600
				668.0	683.0	693.0	668.0	683.0	693.0
10.0	BPSK	1	0	25.49	25.64	25.49	25.00	25.09	25.08
		1	1	**25.70**	**25.70**	**25.70**	25.16	**25.20**	25.16
		1	50	25.68	25.67	25.51	25.14	25.10	25.14
		1	51	25.47	25.61	25.37	24.99	25.08	25.00
		25	12	25.54	25.42	25.43	24.97	25.00	24.94
		50	0	25.54	25.49	25.44	24.99	25.05	24.98
	QPSK	1	0	25.10	25.24	25.13	24.74	24.77	24.73
		1	1	**25.67**	25.64	25.65	**25.20**	25.15	**25.20**
		1	50	25.51	25.61	25.46	24.98	25.05	25.08
		1	51	24.65	25.20	24.43	24.55	24.71	24.51
		25	12	25.60	25.58	25.44	24.99	25.03	25.08
		50	0	25.04	25.28	25.08	24.59	24.63	24.63
	16QAM	1	0	24.18	24.45	24.35	23.63	23.98	23.74
		1	1	**25.47**	25.31	25.35	**25.18**	24.70	24.79
		1	50	24.79	25.05	24.52	24.75	24.60	24.71
		1	51	23.77	24.09	23.67	23.43	23.58	23.69
		25	12	25.23	25.11	25.07	24.53	24.61	24.64
		50	0	24.12	24.08	24.08	23.57	23.61	23.55
	64QAM	1	0	23.05	23.23	22.80	22.87	22.95	22.89
		1	1	23.38	**23.55**	23.43	23.16	23.14	**23.20**
		1	50	23.12	23.40	23.14	22.99	22.96	22.94
		1	51	22.69	23.12	22.48	22.79	22.93	22.89
		25	12	23.14	23.11	23.15	23.04	23.06	23.07
		50	0	23.15	23.20	23.11	23.03	23.03	23.12
	256QAM	1	0	21.41	21.48	21.53	21.14	21.38	21.29
		1	1	**21.73**	21.68	21.58	21.42	**21.56**	21.53
		1	50	21.67	21.59	21.55	21.40	21.39	21.48
		1	51	21.27	21.47	21.26	20.94	21.33	21.23
		25	12	21.63	21.61	21.55	21.11	21.07	21.17
		50	0	21.60	21.55	21.63	21.01	21.11	21.20

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OUTPUT POWER FOR 5G NR n71 (15.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)					
				ANT 1			ANT 2		
				134100	136100	138100	134100	136100	138100
				670.5	680.5	690.5	670.5	680.5	690.5
15.0	BPSK	1	0	25.42	25.61	25.38	24.91	24.94	25.10
		1	1	**25.70**	**25.70**	**25.70**	**25.20**	**25.20**	25.18
		1	77	25.60	25.64	25.63	25.16	25.17	25.15
		1	78	25.36	25.59	25.37	24.88	24.93	25.05
		36	18	25.35	25.57	25.43	24.88	24.89	25.06
		75	0	25.40	25.61	25.50	24.93	24.93	25.12
	QPSK	1	0	24.99	25.34	25.09	24.72	24.61	24.78
		1	1	25.61	**25.65**	25.64	25.12	25.01	**25.20**
		1	77	25.34	**25.65**	25.25	24.86	24.99	24.97
		1	78	24.53	25.29	24.26	24.46	24.52	24.50
		36	18	25.44	25.60	25.54	24.95	24.95	25.10
		75	0	25.04	25.21	25.14	24.59	24.58	24.74
	16QAM	1	0	23.83	24.03	24.16	23.65	23.61	24.04
		1	1	24.93	**25.50**	25.01	24.72	24.58	**24.97**
		1	77	24.59	25.19	24.22	24.39	24.41	24.39
		1	78	23.63	23.96	23.22	23.46	23.43	23.71
		36	18	25.07	25.34	25.07	24.49	24.61	24.76
		75	0	24.07	24.22	24.05	23.58	23.58	23.72
	64QAM	1	0	22.85	23.37	22.51	22.82	22.81	22.97
		1	1	23.00	**23.70**	23.17	**23.15**	22.91	23.03
		1	77	23.06	23.49	23.11	22.91	22.86	22.99
		1	78	22.80	23.30	22.45	22.78	22.78	22.94
		36	18	23.30	23.09	23.29	22.73	22.78	22.91
		75	0	23.35	22.96	23.29	22.73	22.76	22.93
	256QAM	1	0	21.28	21.15	21.36	21.24	21.33	21.40
		1	1	21.51	21.22	**21.68**	21.43	**21.52**	21.48
		1	77	21.50	21.16	21.51	21.39	21.43	21.43
		1	78	21.24	21.00	21.35	21.13	21.31	21.24
		36	18	21.30	20.98	21.44	20.79	20.75	20.88
		75	0	21.33	20.90	21.31	20.76	20.73	20.93

OUTPUT POWER FOR 5G NR n71 (20.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)					
				ANT 1			ANT 2		
				134600	136600	137600	134600	136600	137600
				673.0	683.0	688.0	673.0	683.0	688.0
20.0	BPSK	1	0	25.38	25.55	25.35	24.91	24.98	24.99
		1	1	**25.70**	**25.70**	**25.70**	**25.20**	25.18	**25.20**
		1	104	25.64	25.63	25.66	25.09	25.10	25.17
		1	105	25.32	25.52	25.34	24.87	24.90	24.97
		50	25	25.43	25.57	25.56	24.89	25.13	25.17
		100	0	25.48	25.63	25.60	25.00	25.13	25.04
	QPSK	1	0	24.99	25.25	25.33	24.78	24.75	24.81
		1	1	25.64	**25.70**	25.59	25.17	**25.20**	25.18
		1	104	25.41	25.51	25.36	24.95	25.14	24.98
		1	105	24.61	25.15	24.43	24.46	24.62	24.51
		50	25	25.53	25.65	25.65	24.99	25.07	25.15
		100	0	25.08	25.21	25.20	24.54	24.72	24.73
	16QAM	1	0	23.98	24.49	24.10	24.08	23.99	23.88
		1	1	**25.26**	24.94	25.06	24.58	**24.61**	24.56
		1	104	24.81	24.93	24.42	24.31	24.59	24.41
		1	105	23.65	24.41	23.50	23.32	23.56	23.83
		50	25	25.11	25.25	25.23	24.13	24.16	24.21
		100	0	24.00	24.20	24.17	23.55	23.73	23.71
	64QAM	1	0	22.75	23.33	22.92	22.97	22.97	22.78
		1	1	23.48	**23.57**	23.47	23.09	**23.16**	23.13
		1	104	23.15	23.36	23.34	23.08	23.02	23.10
		1	105	22.71	23.22	22.52	22.63	22.94	22.49
		50	25	23.12	23.11	23.14	22.99	23.11	23.14
		100	0	23.08	23.29	23.11	22.55	22.70	22.72
	256QAM	1	0	21.35	21.59	21.17	21.31	21.41	21.36
		1	1	21.69	**21.80**	21.71	21.43	**21.74**	21.63
		1	104	21.47	21.75	21.58	21.34	21.60	21.49
		1	105	21.20	21.52	21.01	21.26	21.24	21.11
		50	25	21.56	21.59	21.64	21.00	21.18	21.18
		100	0	21.61	21.60	21.61	21.04	21.14	21.15

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8.7. 5G NR n77 (Part 27 3450-3550MHz)

Test Engineer ID:	28567	Test Date:	2024-03-05

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	25.47	25.40	24.85	25.11	24.93	25.43	25.59	25.36	23.99	24.09	23.91
		1	1	28.56	28.63	**28.70**	27.96	**28.20**	28.12	28.55	28.65	**28.70**	**27.60**	27.56	27.54
		1	22	**28.70**	28.63	28.66	28.18	28.13	**28.20**	**28.70**	**28.70**	28.61	27.52	**27.60**	**27.60**
		1	23	25.40	25.40	25.38	25.42	25.11	24.79	25.47	25.37	25.29	24.07	23.97	23.99
		12	6	28.55	**28.70**	**28.70**	**28.20**	28.03	28.11	**28.70**	28.60	28.61	27.55	27.53	27.37
		24	0	28.42	28.41	28.49	27.52	27.50	27.58	28.52	28.41	28.34	27.13	27.02	26.97
	QPSK	1	0	25.29	25.45	25.41	25.37	25.16	24.72	25.32	25.31	25.39	23.86	23.82	24.00
		1	1	28.53	28.65	**28.68**	27.37	27.38	27.35	28.62	28.54	28.54	27.27	27.58	**27.60**
		1	22	28.53	28.61	28.63	27.41	27.42	**27.45**	**28.68**	**28.68**	28.52	27.58	27.47	27.54
		1	23	25.29	25.38	25.27	25.49	25.16	24.82	25.35	25.34	25.25	23.80	23.80	23.97
		12	6	28.51	28.66	28.60	27.34	27.26	27.28	28.61	28.66	28.63	27.31	27.35	27.53
		24	0	27.85	27.92	27.89	26.38	26.29	26.35	27.83	27.91	27.88	26.36	26.43	26.60
	16QAM	1	0	24.98	25.36	25.24	25.31	25.19	24.89	25.17	25.43	24.88	23.86	23.85	24.03
		1	1	28.03	27.86	27.80	26.49	26.21	26.37	28.07	28.03	**28.19**	26.50	25.96	**26.85**
		1	22	**28.18**	27.82	27.72	26.50	**26.56**	26.45	27.91	27.59	27.59	26.26	26.51	26.23
		1	23	25.48	25.19	25.52	25.41	25.07	24.62	25.13	25.37	25.13	23.65	23.47	23.54
		12	6	27.81	27.95	27.86	26.24	26.16	26.15	27.85	28.06	27.98	26.48	26.45	26.62
		24	0	27.00	26.92	26.84	25.52	25.43	25.54	26.80	27.09	27.09	25.30	25.36	25.51
	64QAM	1	0	24.96	25.29	25.01	24.88	24.76	24.89	25.09	24.91	24.78	23.85	23.89	24.24
		1	1	26.27	26.37	26.32	24.72	24.72	25.00	26.01	26.10	26.05	24.91	**25.20**	25.06
		1	22	26.14	26.19	26.05	24.84	24.88	24.92	26.05	26.07	26.10	24.82	24.94	25.06
		1	23	25.17	25.21	25.06	24.88	24.76	24.22	25.21	24.97	25.02	23.90	23.76	24.06
		12	6	26.30	26.33	26.34	24.98	24.81	24.95	26.37	**26.49**	26.41	24.84	24.86	25.07
		24	0	26.31	**26.42**	26.26	**25.17**	24.99	25.06	26.32	26.37	26.44	24.81	24.83	25.05
	256QAM	1	0	24.54	**24.80**	24.63	24.22	24.10	24.02	24.13	24.30	24.39	22.71	22.71	22.92
		1	1	24.24	24.54	24.71	24.11	23.97	23.62	24.47	23.91	24.28	22.89	22.82	**23.27**
		1	22	24.41	**24.80**	24.69	**24.33**	24.04	23.98	24.30	24.47	**24.58**	22.73	22.91	23.01
		1	23	24.45	24.70	24.37	24.27	23.98	23.90	24.14	24.17	23.87	23.11	22.61	23.17
		12	6	24.18	24.38	24.36	24.07	23.97	23.91	24.36	24.49	24.41	22.77	22.85	22.91
		24	0	24.34	24.43	24.33	24.08	23.90	23.80	24.24	24.33	24.30	22.81	22.84	23.04

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	25.42	25.40	25.43	25.63	25.46	24.91	25.29	25.37	25.41	23.97	24.02	23.97
		1	1	28.65	**28.70**	28.65	28.12	**28.20**	27.96	28.62	28.66	28.68	**27.60**	27.59	**27.60**
		1	36	**28.70**	28.57	**28.70**	**28.20**	28.08	**28.20**	**28.70**	**28.70**	**28.70**	27.56	**27.60**	27.43
		1	37	25.40	25.37	25.49	25.43	25.34	25.05	25.44	25.46	25.50	23.96	23.95	23.88
		18	9	28.54	28.62	28.60	28.13	28.11	28.02	28.61	28.67	28.64	27.51	27.56	27.40
		36	0	28.38	28.40	28.39	27.41	27.46	27.44	28.44	28.43	28.42	27.02	27.10	26.91
	QPSK	1	0	25.21	25.36	25.45	25.61	25.31	24.97	25.37	25.48	25.42	24.06	24.08	23.93
		1	1	**28.68**	**28.68**	28.67	27.18	27.22	27.13	28.65	28.65	**28.68**	27.48	**27.57**	27.35
		1	36	28.45	28.38	28.55	**27.34**	27.30	27.28	**28.68**	**28.68**	28.60	27.50	27.56	27.33
		1	37	25.39	25.29	25.44	25.47	25.33	24.96	25.36	25.44	25.28	24.07	23.94	23.94
		18	9	28.53	28.48	28.65	27.26	27.27	27.17	28.59	28.60	28.59	27.43	27.47	27.31
		36	0	27.77	27.81	27.89	26.27	26.24	26.20	27.86	27.94	27.83	26.52	26.58	26.33
	16QAM	1	0	25.36	25.69	25.30	25.38	25.42	25.24	25.55	25.41	24.94	24.33	24.31	23.87
		1	1	**28.10**	27.94	27.98	25.96	26.39	26.30	**28.15**	27.96	27.65	26.31	26.36	26.21
		1	36	27.66	27.76	27.98	**26.44**	26.21	26.43	27.93	27.42	27.73	26.41	**26.62**	26.32
		1	37	25.31	25.15	25.28	25.49	25.30	24.69	25.19	25.11	25.41	24.24	24.31	23.86
		18	9	27.74	27.73	27.88	26.19	26.14	26.16	27.80	27.80	27.80	26.57	26.59	26.33
		36	0	26.71	26.77	26.88	25.36	25.43	25.35	26.83	26.86	26.81	25.50	25.59	25.33
	64QAM	1	0	25.04	25.33	25.33	24.61	24.50	24.65	25.06	25.18	24.79	24.32	24.09	24.02
		1	1	26.14	26.37	**26.49**	24.50	24.74	24.57	26.03	25.91	26.03	**25.21**	25.11	24.77
		1	36	26.21	26.30	26.12	24.85	24.58	**25.01**	25.73	25.88	25.91	24.91	25.16	24.97
		1	37	24.79	25.06	25.18	24.73	24.75	24.79	25.00	25.08	24.82	24.12	24.13	24.21
		18	9	26.27	26.33	26.44	24.94	24.92	24.81	**26.33**	26.28	26.23	24.99	25.07	24.76
		36	0	26.26	26.29	26.36	24.99	24.93	24.91	26.20	26.26	26.19	24.88	25.06	24.90
	256QAM	1	0	**24.71**	24.57	24.62	23.92	23.81	23.86	23.94	24.16	24.50	22.97	23.09	22.88
		1	1	24.44	24.55	24.58	23.65	23.78	23.72	24.14	24.51	24.36	22.94	22.96	22.85
		1	36	24.44	24.40	24.49	**24.24**	24.09	23.92	24.48	24.53	24.23	23.00	**23.10**	22.56
		1	37	24.61	24.70	24.60	23.91	23.87	23.83	**24.63**	24.27	24.10	22.79	23.03	22.84
		18	9	24.23	24.20	24.29	23.83	23.90	23.75	24.10	24.36	24.23	22.95	23.00	22.84
		36	0	24.24	24.30	24.35	23.95	23.98	23.93	24.27	24.34	24.19	22.90	23.04	22.87

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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	25.31	25.44	25.30	25.49	25.54	25.22	25.41	25.28	25.46	24.06	23.98	24.08
		1	1	28.62	**28.70**	28.68	27.82	28.07	28.03	**28.70**	**28.70**	**28.70**	27.56	27.59	27.59
		1	49	**28.70**	28.67	**28.70**	**28.20**	28.07	**28.20**	**28.70**	28.64	28.63	**27.60**	**27.60**	27.58
		1	50	25.47	25.40	25.38	25.47	25.39	25.17	25.28	25.38	25.41	24.06	24.07	24.08
		25	12	28.55	28.66	28.52	28.03	**28.20**	28.15	28.61	28.57	28.67	27.57	27.55	**27.60**
		50	0	28.33	28.51	28.37	27.40	27.48	27.47	28.47	28.44	28.49	27.11	27.09	27.12
	QPSK	1	0	25.26	25.37	25.39	25.54	25.51	25.37	25.55	25.35	25.39	24.02	24.15	24.16
		1	1	28.53	**28.68**	28.61	27.06	27.14	27.06	28.68	**28.70**	28.68	27.45	27.45	27.38
		1	49	28.63	28.60	**28.68**	27.20	27.28	**27.35**	28.68	28.58	28.60	27.44	27.39	27.44
		1	50	25.33	25.35	25.29	25.53	25.47	25.21	25.32	25.37	25.26	24.10	23.97	24.19
		25	12	28.54	28.56	28.46	27.16	27.30	27.28	28.60	28.63	28.68	27.46	**27.49**	27.47
		50	0	27.85	27.87	27.79	26.17	26.25	26.39	27.87	27.94	27.95	26.54	26.60	26.45
	16QAM	1	0	25.15	25.17	25.38	25.23	25.25	25.50	25.57	25.40	25.24	24.05	24.38	24.35
		1	1	28.02	**28.26**	27.77	25.93	26.03	26.06	**28.34**	28.04	28.33	26.53	26.41	26.36
		1	49	28.05	27.72	27.79	26.09	26.28	26.26	27.79	27.89	27.69	**26.59**	26.48	26.37
		1	50	25.41	25.55	25.26	25.52	25.12	25.20	25.16	25.43	24.98	24.15	24.00	24.01
		25	12	27.84	27.92	27.76	26.18	26.31	**26.34**	27.88	27.91	27.88	26.52	26.58	26.39
		50	0	26.82	26.95	26.74	25.31	25.41	25.40	26.84	26.83	26.84	25.60	25.66	25.56
	64QAM	1	0	25.11	25.24	24.90	24.62	24.48	24.42	25.05	24.98	25.14	24.23	24.26	24.06
		1	1	25.97	26.01	26.16	24.43	24.39	24.72	25.89	25.95	26.23	24.89	25.27	24.84
		1	49	26.04	26.26	26.13	24.68	24.91	24.68	26.04	25.85	26.02	**25.39**	25.28	25.18
		1	50	25.18	25.21	24.94	24.81	24.70	24.66	24.88	24.96	24.78	24.19	24.06	24.13
		25	12	26.29	26.33	26.17	24.94	24.93	25.00	26.26	26.28	26.29	25.05	25.04	25.05
		50	0	26.30	**26.38**	26.18	24.95	25.05	**25.07**	26.31	**26.41**	26.29	25.00	25.05	24.99
	256QAM	1	0	24.35	24.50	24.32	23.76	23.76	23.74	24.50	24.31	24.40	23.21	23.00	23.02
		1	1	**24.69**	24.30	24.36	23.82	23.72	23.87	24.38	24.41	24.42	23.04	23.01	23.06
		1	49	**24.69**	24.46	24.41	24.11	23.93	**24.13**	24.15	24.16	24.22	23.08	22.87	22.93
		1	50	24.48	24.44	24.60	23.90	23.73	23.81	24.21	**24.66**	24.46	23.22	**23.25**	22.84
		25	12	24.31	24.17	24.27	23.91	23.90	23.92	24.25	24.27	24.31	23.01	23.01	23.05
		50	0	24.29	24.23	24.30	23.88	24.08	24.00	24.35	24.25	24.30	22.96	23.09	23.03

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	25.35	25.37	25.42	25.49	25.53	25.13	25.50	25.39	25.40	24.04	24.09	24.09
		1	1	**28.70**	**28.70**	**28.70**	27.84	28.10	27.93	**28.70**	**28.70**	**28.70**	27.59	**27.60**	27.57
		1	76	28.67	28.57	28.64	**28.20**	28.12	**28.20**	28.63	28.61	28.47	**27.60**	27.48	**27.60**
		1	77	25.37	25.32	25.48	25.39	25.45	25.07	25.29	25.41	25.25	24.12	23.89	24.07
		36	18	28.56	28.61	28.66	28.10	**28.20**	28.06	28.58	28.57	28.46	27.51	27.50	27.51
		75	0	28.43	28.41	28.46	27.41	27.60	27.46	28.45	28.40	28.28	27.06	27.01	27.11
	QPSK	1	0	25.32	25.38	25.34	25.55	25.50	25.21	25.39	25.37	25.35	24.09	24.16	24.11
		1	1	**28.70**	28.68	28.68	26.99	27.38	27.12	28.68	**28.70**	28.54	27.34	27.43	27.41
		1	76	28.53	28.56	28.40	27.39	**27.55**	27.36	28.65	28.69	28.56	**27.44**	27.37	27.41
		1	77	25.44	25.29	25.38	25.43	25.51	25.00	25.20	25.40	25.19	24.14	23.95	24.03
		36	18	28.56	28.53	28.44	27.24	27.47	27.25	28.54	28.60	28.45	27.33	27.26	27.40
		75	0	27.87	27.80	27.81	26.19	26.49	26.33	27.85	27.88	27.74	26.55	26.39	26.42
	16QAM	1	0	25.54	25.62	25.05	25.38	25.52	24.91	25.17	25.36	25.49	23.92	24.01	24.09
		1	1	27.62	28.07	**28.18**	25.92	26.36	26.17	27.82	27.81	27.78	26.52	26.33	26.30
		1	76	27.78	27.81	27.92	26.38	**26.61**	26.26	**28.14**	27.62	27.61	26.47	**26.54**	26.32
		1	77	25.60	25.03	25.46	25.40	25.33	24.93	25.33	25.68	25.44	24.02	24.07	24.27
		36	18	27.85	27.70	27.73	26.19	26.41	26.28	27.69	27.84	27.79	26.48	26.41	26.49
		75	0	26.87	26.77	26.74	25.36	25.53	25.41	26.78	26.82	26.71	25.54	25.58	25.52
	64QAM	1	0	25.13	25.13	25.21	24.46	24.92	24.72	24.85	25.09	25.16	24.44	24.45	24.18
		1	1	26.26	26.13	26.12	24.21	24.62	24.74	25.96	26.08	26.08	**25.46**	25.18	25.07
		1	76	26.26	26.21	26.14	**25.15**	24.98	24.92	25.83	26.29	25.69	25.03	25.20	25.11
		1	77	24.85	24.99	25.38	24.72	25.04	24.65	25.03	25.26	24.82	24.14	23.92	24.27
		36	18	26.28	26.09	26.07	24.81	24.98	24.91	26.30	26.44	26.18	25.04	25.00	24.96
		75	0	**26.32**	26.17	26.18	24.97	25.14	24.98	26.28	**26.46**	26.28	25.15	25.01	25.02
	256QAM	1	0	24.51	24.57	24.41	23.45	23.68	23.48	24.23	**24.46**	24.23	**23.30**	23.28	22.80
		1	1	24.56	24.70	24.39	23.72	23.78	23.93	24.06	24.39	24.36	23.29	23.05	22.83
		1	76	24.36	24.34	24.64	23.97	24.12	23.98	24.26	24.36	24.22	23.05	22.99	22.51
		1	77	**24.71**	24.62	24.41	**24.23**	24.14	23.73	24.38	24.25	24.07	22.87	22.79	22.84
		36	18	24.26	24.07	24.12	23.85	23.99	23.84	24.26	24.30	24.19	23.07	22.93	22.98
		75	0	24.30	24.23	24.23	23.83	23.98	23.90	24.31	24.35	24.21	23.11	22.88	23.00

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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	25.27	25.47	25.37	25.39	25.58	25.63	25.38	25.60	25.44	23.92	23.89	24.11
		1	1	28.64	**28.70**	28.68	27.84	27.98	27.90	28.64	**28.70**	**28.70**	27.57	**27.60**	**27.60**
		1	104	**28.70**	28.65	**28.70**	**28.20**	28.12	**28.20**	**28.70**	28.63	28.62	**27.60**	27.45	27.57
		1	105	25.38	25.22	25.43	25.60	25.27	25.28	25.43	25.47	25.34	23.93	23.89	24.04
		50	25	28.47	28.51	28.49	28.17	**28.20**	**28.20**	28.57	28.65	28.57	27.38	27.44	27.49
		100	0	28.38	28.37	28.33	27.52	27.55	27.59	28.44	28.50	28.39	26.92	26.94	27.08
	QPSK	1	0	25.43	25.24	25.30	25.50	25.45	25.56	25.25	25.36	25.58	24.08	23.99	24.08
		1	1	28.68	28.59	28.68	27.02	27.20	26.96	28.47	**28.68**	28.67	27.25	27.22	27.40
		1	104	28.67	28.64	**28.70**	27.27	27.42	27.42	**28.68**	28.64	28.66	27.42	27.34	**27.55**
		1	105	25.42	25.26	25.37	25.54	25.38	25.25	25.24	25.40	25.32	24.07	23.97	24.16
		50	25	28.58	28.49	28.57	27.29	27.34	**27.44**	28.43	28.57	28.50	27.34	27.23	27.45
		100	0	27.89	27.76	27.89	26.30	26.34	26.40	27.73	27.87	27.85	26.40	26.28	26.47
	16QAM	1	0	25.05	25.37	25.42	25.44	25.32	25.51	25.19	25.52	25.46	23.80	24.07	24.29
		1	1	27.84	**27.91**	27.87	25.87	26.21	26.06	27.82	27.77	**28.37**	26.24	26.03	26.26
		1	104	27.74	27.49	27.89	26.46	**26.53**	26.32	28.07	27.97	27.87	26.16	26.07	26.45
		1	105	25.31	25.74	25.48	25.68	25.49	25.20	25.30	25.30	25.39	23.83	24.28	23.78
		50	25	27.82	27.76	27.81	26.18	26.42	26.40	27.73	27.82	27.78	26.35	26.16	**26.47**
		100	0	26.82	26.81	26.79	25.50	25.57	25.49	26.74	26.78	26.81	25.42	25.31	25.58
	64QAM	1	0	25.18	25.49	25.54	24.83	24.90	24.45	25.08	25.11	25.33	24.01	24.08	24.18
		1	1	26.12	**26.42**	26.31	24.34	24.90	24.97	25.81	26.03	26.10	25.03	25.14	**25.27**
		1	104	26.21	26.05	26.37	25.14	24.82	24.98	25.61	26.24	26.06	24.98	24.96	25.23
		1	105	25.12	25.34	25.33	24.93	24.76	24.85	24.77	25.08	25.06	24.07	24.08	24.20
		50	25	26.13	26.24	26.25	25.11	25.09	25.14	26.12	26.39	**26.42**	24.90	24.73	25.09
		100	0	26.25	26.29	26.32	25.08	**25.16**	25.13	26.18	**26.42**	26.30	24.90	24.88	25.08
	256QAM	1	0	24.68	24.57	24.65	23.51	23.89	23.97	23.94	24.28	**24.73**	22.98	23.14	23.11
		1	1	24.77	24.74	24.54	23.86	23.72	24.07	24.01	24.42	24.56	22.97	22.96	23.11
		1	104	24.70	**24.94**	24.64	23.91	24.08	24.13	24.56	24.27	24.34	**23.23**	22.95	22.98
		1	105	24.45	24.53	24.26	**24.18**	24.07	23.98	24.12	24.49	24.41	23.02	22.71	23.02
		50	25	24.19	24.30	24.29	24.01	24.08	24.07	24.15	24.28	24.24	22.85	22.86	22.96
		100	0	24.24	24.24	24.27	23.98	24.05	23.96	24.07	24.04	24.26	22.88	22.95	23.01

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	25.43	25.68	25.43	25.08	25.06	25.08	25.53	25.32	25.54	24.14	24.11	24.00
		1	1	**28.70**	**28.70**	**28.70**	27.75	27.96	27.97	**28.70**	**28.70**	**28.70**	**27.60**	27.51	**27.60**
		1	131	28.55	28.56	28.65	28.10	28.12	28.00	28.49	28.44	28.52	27.40	**27.60**	27.35
		1	132	25.27	25.25	25.24	25.12	24.94	24.86	25.37	25.21	25.08	24.01	24.01	23.78
		64	32	28.53	28.63	28.49	**28.20**	**28.20**	**28.20**	28.60	28.60	28.58	27.40	27.52	27.35
		128	0	28.33	28.45	28.32	27.50	27.46	27.48	28.38	28.36	28.43	26.99	27.07	26.90
	QPSK	1	0	25.32	25.52	25.34	25.16	25.13	25.16	25.42	25.40	25.49	23.90	24.18	24.08
		1	1	28.58	**28.68**	28.52	26.88	26.92	27.11	28.66	**28.70**	28.63	27.54	27.00	26.70
		1	131	28.55	28.56	28.54	**27.35**	27.25	27.33	28.63	28.59	28.60	**27.58**	27.21	26.69
		1	132	25.23	25.26	25.25	25.03	25.04	24.92	25.26	25.31	25.21	23.92	24.06	23.76
		64	32	28.60	28.61	28.52	27.22	27.23	27.28	28.67	28.59	28.58	27.46	27.13	26.76
		128	0	27.87	27.87	27.84	26.20	26.18	26.25	27.91	27.84	27.86	26.51	26.14	25.70
	16QAM	1	0	25.11	25.35	25.30	24.63	25.17	25.15	25.68	25.35	25.66	23.90	23.59	23.81
		1	1	**28.25**	28.13	27.75	26.03	25.92	25.89	27.76	27.49	**28.00**	**26.76**	25.99	25.20
		1	131	28.17	28.10	27.77	26.07	**26.29**	26.23	27.95	27.81	27.47	26.60	26.03	25.46
		1	132	25.25	25.54	25.44	25.41	24.82	24.70	25.66	25.09	25.00	23.73	24.28	23.90
		64	32	27.84	27.84	27.83	26.20	26.11	26.16	27.89	27.83	27.85	26.46	26.12	25.67
		128	0	26.86	26.91	26.83	25.35	25.27	25.29	26.93	26.75	26.91	25.49	25.23	24.78
	64QAM	1	0	25.34	25.41	25.45	24.13	24.09	24.68	24.84	25.18	25.20	24.20	24.25	24.09
		1	1	26.46	26.20	26.20	24.46	24.29	24.16	25.71	26.01	26.07	**25.25**	24.75	24.63
		1	131	26.24	26.25	**26.51**	24.44	24.92	24.84	26.04	25.97	25.76	24.99	24.72	24.34
		1	132	25.30	25.20	25.29	24.19	24.45	24.63	24.64	24.95	24.82	24.12	24.07	23.75
		64	32	26.45	26.48	26.38	**25.01**	24.90	24.91	26.41	26.34	26.36	25.03	24.84	24.43
		128	0	26.34	**26.51**	26.42	24.92	24.96	24.96	26.38	26.25	**26.44**	24.93	24.77	24.37
	256QAM	1	0	**24.78**	24.76	24.70	23.73	23.52	23.55	24.25	24.47	**24.65**	22.78	23.02	22.93
		1	1	24.66	24.65	24.73	23.56	23.48	23.67	24.28	24.44	24.62	23.09	**23.25**	22.83
		1	131	24.67	24.41	24.33	23.94	23.92	23.39	24.58	24.34	24.29	22.69	23.03	22.89
		1	132	24.47	24.64	24.75	23.69	23.52	23.75	24.24	24.25	24.29	23.00	23.05	23.07
		64	32	24.38	24.42	24.35	23.96	**24.01**	23.83	24.32	24.37	24.38	22.89	23.07	22.88
		128	0	24.25	24.36	24.32	23.97	23.93	23.85	24.38	24.37	24.37	22.87	23.07	22.89

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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	25.39	25.37	25.44	25.35	25.39	25.11	25.36	25.37	25.55	23.97	24.02	24.05
		1	1	28.68	28.54	**28.70**	27.71	27.94	27.80	**28.70**	28.63	28.68	27.47	27.50	**27.60**
		1	160	28.46	28.52	28.69	27.99	**28.20**	**28.20**	28.63	**28.70**	28.58	**27.60**	27.51	27.50
		1	161	25.28	25.30	25.46	25.05	25.26	24.98	25.23	25.41	25.45	23.86	23.96	23.91
		81	40	**28.70**	**28.70**	28.61	**28.20**	28.19	28.16	28.64	28.67	**28.70**	27.51	**27.60**	27.54
		162	0	28.40	28.37	28.42	27.48	27.44	27.53	28.43	28.45	28.50	26.98	27.01	27.02
	QPSK	1	0	25.27	25.38	25.38	25.01	25.36	25.15	25.28	25.36	25.47	23.96	23.92	24.15
		1	1	28.53	28.66	**28.68**	26.75	27.02	27.00	**28.68**	28.54	**28.68**	27.16	27.24	27.37
		1	160	28.59	28.54	28.62	27.23	27.36	**27.50**	28.57	**28.68**	28.50	27.37	27.38	27.39
		1	161	25.23	25.28	25.21	25.06	25.17	25.10	25.11	25.29	25.09	23.86	23.96	23.98
		81	40	28.63	28.61	28.48	27.29	27.38	27.36	28.63	**28.68**	28.56	27.33	27.44	**27.52**
		162	0	27.88	27.84	27.84	26.18	26.28	26.40	27.91	27.92	27.85	26.38	26.46	26.52
	16QAM	1	0	25.80	25.56	25.15	25.16	25.24	25.36	25.23	26.02	25.41	24.11	24.05	24.25
		1	1	27.64	27.92	27.62	25.89	25.96	25.91	27.93	**28.11**	27.55	26.33	26.45	26.00
		1	160	27.79	27.81	**27.99**	25.98	**26.61**	26.49	28.08	27.52	27.66	26.28	26.40	**26.55**
		1	161	25.54	25.30	24.99	25.21	24.87	25.31	25.31	25.37	25.59	23.50	23.78	24.00
		81	40	27.90	27.82	27.82	26.12	26.25	26.40	27.80	27.90	27.77	26.45	26.37	26.48
		162	0	26.89	26.80	26.87	25.27	25.38	25.55	26.82	26.82	26.69	25.55	25.44	25.54
	64QAM	1	0	25.26	25.22	25.40	23.86	24.37	24.73	24.95	24.80	24.78	23.83	24.03	24.14
		1	1	26.10	26.39	26.21	24.35	24.38	24.56	25.88	26.35	26.02	25.13	25.21	25.31
		1	160	26.19	26.32	26.10	24.61	24.88	24.98	26.03	26.03	25.86	24.94	**25.39**	25.19
		1	161	25.36	25.09	24.93	24.54	24.82	24.60	24.90	25.00	24.89	23.69	24.30	24.07
		81	40	26.43	26.38	26.24	24.91	25.02	25.14	**26.37**	26.27	26.30	25.00	24.96	24.98
		162	0	**26.46**	26.26	26.28	24.84	25.06	**25.15**	26.30	26.29	26.35	25.00	25.01	25.05
	256QAM	1	0	24.68	24.63	24.54	23.47	23.50	23.82	24.53	24.38	**24.59**	22.95	22.89	**23.16**
		1	1	**24.70**	24.65	24.54	23.30	23.63	23.84	24.12	24.44	24.11	22.86	22.86	22.95
		1	160	24.40	24.24	24.64	23.91	**24.21**	23.98	24.35	24.40	24.00	22.96	22.87	22.97
		1	161	24.47	24.33	24.40	23.65	24.13	23.89	23.91	24.02	23.87	23.14	22.78	22.57
		81	40	24.41	24.33	24.30	23.70	24.05	23.97	24.33	24.34	24.30	22.94	23.05	23.02
		162	0	24.44	24.33	24.26	23.71	23.95	23.99	24.31	24.29	24.24	22.93	23.05	22.92

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	25.52	25.56	25.42	25.05	25.17	25.02	25.38	25.43	25.46	24.00	24.03	24.05
		1	1	28.63	**28.70**	**28.70**	27.79	28.01	**28.20**	28.65	**28.70**	**28.70**	**27.60**	**27.60**	**27.60**
		1	187	28.67	28.54	28.41	**28.20**	28.13	28.01	28.57	28.52	28.54	27.51	27.50	27.48
		1	188	25.43	25.26	25.08	24.95	24.74	24.83	25.34	25.23	25.40	24.09	23.99	23.96
		90	45	**28.70**	28.61	28.38	**28.20**	**28.20**	28.12	**28.70**	28.52	28.69	**27.60**	27.45	27.58
		180	0	28.52	28.41	28.25	27.53	27.67	27.71	28.53	28.35	28.51	27.03	27.02	27.06
	QPSK	1	0	25.59	25.39	25.33	24.93	25.02	24.92	25.54	25.45	25.32	24.07	24.11	23.90
		1	1	28.63	**28.68**	**28.68**	26.97	27.15	27.21	**28.68**	28.48	**28.68**	27.58	27.50	27.48
		1	187	28.54	28.51	28.38	27.42	27.65	**27.71**	28.50	28.49	28.53	27.42	27.49	27.44
		1	188	25.23	25.20	25.21	25.01	24.74	24.76	25.22	25.30	25.24	23.92	23.87	24.05
		90	45	**28.68**	28.61	28.42	27.27	27.35	27.42	28.67	28.56	28.56	27.51	27.47	**27.60**
		180	0	27.98	27.97	27.79	26.31	26.36	26.46	27.97	27.88	27.87	26.53	26.49	26.56
	16QAM	1	0	25.51	25.76	25.18	24.91	24.83	24.95	25.58	25.28	25.66	24.15	23.82	24.03
		1	1	28.07	**28.19**	28.07	26.05	26.36	25.77	27.84	**28.00**	27.70	26.30	26.67	26.63
		1	187	**28.19**	27.89	27.45	26.35	26.29	**26.50**	27.91	27.57	27.90	**26.67**	26.35	26.30
		1	188	25.34	25.52	25.19	24.74	24.77	24.91	25.38	24.60	25.14	23.81	24.08	23.60
		90	45	27.93	28.03	27.79	26.31	26.31	26.39	27.90	27.83	27.86	26.43	26.46	26.55
		180	0	27.02	27.02	26.78	25.50	25.46	25.60	26.82	26.83	26.89	25.51	25.56	25.57
	64QAM	1	0	25.46	25.12	25.43	23.87	24.28	24.54	24.89	25.09	25.19	24.08	24.08	24.26
		1	1	26.25	26.44	26.19	24.56	24.83	24.49	25.84	26.36	26.16	25.17	25.08	25.17
		1	187	26.15	26.35	26.26	25.01	24.85	25.16	25.99	26.05	26.11	**25.22**	25.04	25.18
		1	188	25.10	25.29	25.29	24.50	24.59	24.46	24.80	24.70	24.87	23.93	24.23	24.22
		90	45	**26.75**	26.43	26.34	24.91	25.06	25.19	26.30	**26.41**	26.33	25.01	24.98	25.08
		180	0	26.67	26.40	26.31	24.98	25.13	**25.22**	26.29	26.26	26.30	25.05	25.01	25.14
	256QAM	1	0	24.95	24.72	24.70	23.52	23.62	23.69	24.21	24.31	**24.42**	23.09	23.04	23.00
		1	1	24.81	**25.01**	24.61	23.68	23.68	24.00	23.89	24.21	24.00	22.97	**23.29**	23.04
		1	187	24.91	24.54	24.29	**24.08**	23.37	23.53	24.07	24.42	24.10	22.52	22.83	22.80
		1	188	24.74	24.50	24.28	23.96	23.97	23.64	24.20	23.96	24.17	23.12	22.75	22.66
		90	45	24.58	24.47	24.23	23.94	23.90	23.92	24.27	24.28	24.28	22.86	22.89	22.95
		180	0	24.64	24.48	24.28	23.83	23.97	23.88	24.29	24.27	24.20	22.89	22.95	23.00

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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	25.45	25.13	25.35	24.50	24.87	24.77	25.43	25.46	25.37	24.18	24.05	23.99
		1	1	**28.70**	**28.70**	**28.70**	27.71	27.82	**28.20**	28.61	28.57	28.64	27.55	**27.60**	**27.60**
		1	215	28.47	28.21	28.44	**28.20**	**28.20**	27.75	28.66	28.55	28.45	**27.60**	27.41	27.22
		1	216	25.34	24.86	25.14	24.81	24.88	24.59	25.22	25.30	25.24	23.90	23.94	23.94
		108	54	28.69	28.37	28.61	27.92	28.10	28.11	**28.70**	**28.70**	**28.70**	27.50	27.54	27.50
		216	0	28.41	28.19	28.38	27.33	27.56	27.56	28.46	28.41	28.49	27.00	27.08	26.97
	QPSK	1	0	25.23	25.05	25.25	25.05	25.08	24.89	25.30	25.50	25.21	23.91	24.14	23.90
		1	1	**28.68**	28.46	**28.68**	26.74	26.66	27.15	28.43	**28.70**	28.68	27.22	27.47	**27.59**
		1	215	28.29	28.06	28.39	27.44	27.48	**27.55**	28.68	28.65	28.41	27.58	27.53	27.44
		1	216	25.14	24.87	25.11	24.75	24.92	24.69	25.28	25.21	25.19	23.84	23.88	23.83
		108	54	28.39	28.30	28.47	27.09	27.30	27.19	28.65	28.66	28.53	27.32	27.46	27.46
		216	0	27.69	27.66	27.75	26.12	26.31	26.31	27.94	27.86	27.76	26.30	26.55	26.49
	16QAM	1	0	25.13	25.22	26.04	24.85	24.90	25.05	25.46	25.54	25.49	24.04	24.14	23.73
		1	1	27.64	27.78	**27.91**	25.70	25.86	26.31	**28.06**	27.70	28.03	26.32	26.12	**26.55**
		1	215	27.75	27.57	27.82	26.29	26.49	**26.52**	27.51	27.83	27.65	26.04	26.18	26.40
		1	216	25.16	25.14	25.16	24.71	24.89	25.03	25.24	25.44	25.23	23.56	23.87	23.80
		108	54	27.72	27.72	27.78	26.04	26.34	26.21	27.99	27.89	27.75	26.28	**26.55**	26.48
		216	0	26.68	26.58	26.71	25.22	25.56	25.45	26.93	26.85	26.75	25.31	25.56	25.46
	64QAM	1	0	24.97	24.70	24.75	23.91	24.42	24.51	25.07	25.36	24.88	23.78	24.30	24.09
		1	1	25.64	25.78	25.88	23.91	24.76	24.44	26.00	25.83	25.66	25.16	25.11	**25.31**
		1	215	25.21	25.80	25.82	24.99	24.93	24.78	26.11	25.72	25.38	25.16	25.17	24.58
		1	216	24.37	24.59	24.69	24.37	24.73	24.24	24.72	24.92	24.90	23.67	24.11	24.17
		108	54	26.13	**26.20**	26.16	24.84	**25.17**	24.77	26.33	26.37	26.21	24.79	25.01	24.92
		216	0	26.15	26.12	26.13	24.83	25.10	24.91	26.33	**26.41**	26.20	24.81	24.97	24.96
	256QAM	1	0	24.36	**24.50**	23.91	24.09	23.81	23.60	24.29	24.07	24.10	22.61	22.84	22.96
		1	1	23.87	24.11	24.33	23.59	23.58	23.48	24.07	**24.49**	24.19	22.79	23.02	23.08
		1	215	24.17	23.83	23.70	24.04	23.81	24.00	24.42	24.10	24.02	22.96	23.04	22.95
		1	216	23.90	23.59	24.11	23.64	23.46	23.79	23.87	24.15	23.81	22.81	22.95	**23.18**
		108	54	24.08	24.13	24.26	23.82	**24.17**	23.72	24.26	24.33	24.19	22.77	22.99	22.89
		216	0	24.10	24.12	24.26	23.74	24.13	23.73	24.31	24.30	24.20	22.74	22.96	22.95

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	25.42	25.52	25.35	25.08	25.11	24.95	25.33	25.33	25.19	24.26	23.79	24.00
		1	1	**28.70**	**28.70**	**28.70**	27.84	27.98	27.94	**28.70**	28.59	**28.70**	**27.60**	27.52	27.43
		1	243	28.40	28.50	28.46	28.03	28.17	**28.20**	28.53	28.67	28.43	27.53	**27.60**	**27.60**
		1	244	24.96	25.39	25.11	24.90	24.88	24.75	25.44	25.34	25.25	24.02	23.74	23.94
		120	60	28.59	28.58	28.49	**28.20**	**28.20**	28.05	**28.70**	**28.70**	28.51	**27.60**	27.37	27.46
		243	0	28.32	28.41	28.29	27.55	27.56	27.49	28.34	28.34	28.31	27.11	26.95	26.99
	QPSK	1	0	25.23	25.48	25.21	25.09	24.85	24.73	25.31	25.38	25.19	23.93	24.00	23.98
		1	1	28.49	28.55	**28.67**	27.10	26.73	26.96	28.59	**28.68**	28.61	27.39	27.11	27.53
		1	243	28.29	28.24	28.43	**27.67**	27.64	27.40	**28.68**	28.45	28.42	27.53	27.33	27.42
		1	244	25.40	25.11	25.14	24.89	24.90	24.99	25.31	25.15	25.04	23.97	23.72	24.03
		120	60	28.48	28.63	28.54	27.33	27.33	27.16	**28.68**	28.53	28.43	**27.55**	27.28	27.38
		243	0	27.81	27.89	27.70	26.38	26.32	26.22	27.84	27.83	27.78	26.59	26.36	26.47
	16QAM	1	0	25.37	25.36	25.15	24.86	25.17	24.80	25.19	25.18	25.00	24.10	24.16	23.80
		1	1	**28.59**	27.69	27.54	25.76	25.62	25.52	**27.97**	27.75	27.77	26.14	25.89	25.97
		1	243	28.05	27.56	27.46	26.28	26.63	**26.93**	**27.97**	27.80	27.71	26.44	26.24	26.23
		1	244	25.53	25.32	24.56	24.95	24.52	25.08	25.24	25.25	25.21	23.84	23.49	23.90
		120	60	27.89	27.91	27.71	26.43	26.19	26.13	27.95	27.86	27.72	**26.55**	26.29	26.41
		243	0	26.81	26.76	26.70	25.57	25.46	25.36	26.78	26.77	26.72	25.57	25.42	25.47
	64QAM	1	0	25.07	25.26	24.79	24.79	24.15	24.57	25.34	25.10	24.51	24.21	24.03	24.10
		1	1	25.95	25.82	25.41	24.32	24.40	24.36	26.20	25.89	25.67	**25.47**	24.97	25.08
		1	243	25.64	26.05	25.72	25.23	25.07	**25.30**	25.88	25.76	25.70	24.95	24.73	24.65
		1	244	25.13	24.70	24.55	24.74	24.58	24.17	24.81	25.04	24.48	24.02	23.72	24.18
		120	60	26.30	**26.35**	26.07	25.24	25.06	24.87	**26.30**	26.23	26.14	25.00	24.86	24.96
		243	0	26.34	**26.35**	26.08	25.23	25.08	24.94	**26.30**	26.24	26.19	25.02	24.82	24.91
	256QAM	1	0	24.24	23.95	24.03	23.66	23.70	23.20	24.24	24.42	23.97	22.96	**23.09**	22.82
		1	1	**24.72**	24.17	24.47	24.10	23.62	23.66	**24.45**	24.17	23.80	22.94	23.06	22.73
		1	243	24.42	23.80	23.85	23.82	23.68	23.69	24.17	24.27	23.80	22.81	22.90	22.61
		1	244	24.09	23.81	24.16	**24.21**	23.76	23.56	24.10	24.05	24.12	22.99	23.07	22.89
		120	60	24.22	24.35	24.08	24.19	23.99	23.83	24.24	24.12	24.17	22.99	22.85	22.86
		243	0	24.28	24.22	24.04	24.15	24.06	23.81	24.22	24.20	24.17	23.00	22.84	22.92

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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		25.59			24.98			25.60			23.92	
		1	1		**28.70**			27.68			28.54			27.46	
		1	271		28.65			**28.20**			28.57			**27.60**	
		1	272		25.38			25.01			25.54			23.84	
		135	67		28.61			28.15			**28.70**			27.43	
		270	0		28.39			27.45			28.49			26.97	
	QPSK	1	0		25.55			25.04			25.35			24.00	
		1	1		**28.63**			26.68			28.56			27.06	
		1	271		28.59			**27.67**			28.59			27.36	
		1	272		25.36			24.49			25.17			23.83	
		135	67		28.61			27.30			**28.68**			**27.42**	
		270	0		27.82			26.23			27.81			26.43	
	16QAM	1	0		25.17			25.16			25.46			23.94	
		1	1		27.66			25.53			27.83			26.16	
		1	271		**28.14**			26.09			27.41			**26.53**	
		1	272		25.24			24.77			25.24			23.78	
		135	67		27.83			**26.17**			**27.90**			26.42	
		270	0		26.74			25.33			26.84			25.49	
	64QAM	1	0		25.16			23.86			25.08			23.77	
		1	1		26.15			23.86			26.05			25.19	
		1	271		25.81			24.70			25.56			**25.28**	
		1	272		25.14			24.58			24.93			24.11	
		135	67		26.24			24.84			**26.30**			24.95	
		270	0		**26.25**			**24.87**			26.29			24.92	
	256QAM	1	0		24.10			23.62			24.41			23.00	
		1	1		**24.55**			23.06			24.40			22.84	
		1	271		24.02			23.64			**24.45**			22.62	
		1	272		24.21			23.24			24.42			**23.12**	
		135	67		24.28			**23.84**			24.36			22.94	
		270	0		24.24			23.79			24.28			22.92	

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8.8. 5G NR n77 (Part 27 3700-3980MHz)

Test Engineer ID:	27342	Test Date:	2024-03-25

OUTPUT POWER FOR 5G NR n77 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 7			ANT 8			ANT 9			ANT 4		
				647000	656000	665000	647000	656000	665000	647000	656000	665000	647000	656000	665000
				3705.0	3840.0	3975.0	3705.0	3840.0	3975.0	3705.0	3840.0	3975.0	3705.0	3840.0	3975.0
10.0	BPSK	1	0	25.31	25.46	25.34	24.85	24.87	24.99	25.50	25.47	25.32	24.14	24.37	24.30
		1	1	28.55	28.64	28.64	28.18	**28.20**	28.06	**28.70**	28.63	28.52	**27.60**	**27.60**	**27.60**
		1	22	28.62	**28.70**	28.59	28.17	28.13	28.12	28.65	28.69	**28.70**	27.48	27.57	27.51
		1	23	25.45	25.39	25.33	24.89	24.86	24.94	25.40	25.36	25.44	24.15	24.25	24.29
		12	6	**28.70**	**28.70**	**28.70**	**28.20**	28.18	**28.20**	**28.70**	**28.70**	28.55	27.48	**27.60**	27.56
		24	0	28.49	28.52	28.45	27.98	27.96	27.57	28.54	28.45	28.45	27.30	27.38	27.38
	QPSK	1	0	25.35	25.40	25.37	24.79	24.98	25.02	25.43	25.47	25.31	24.29	24.28	24.42
		1	1	28.57	28.52	**28.68**	27.54	**27.99**	27.47	28.66	**28.68**	28.61	**27.58**	27.57	27.55
		1	22	**28.68**	**28.68**	28.58	27.68	27.98	27.32	**28.68**	28.58	**28.68**	27.33	27.41	27.47
		1	23	25.41	25.26	25.30	24.82	24.95	24.82	25.30	25.44	25.40	24.16	24.18	24.33
		12	6	**28.68**	28.61	28.64	27.54	27.86	27.24	28.66	28.34	28.63	27.31	**27.58**	27.53
		24	0	27.98	27.88	27.97	26.75	27.11	26.33	27.96	27.42	27.85	26.66	26.72	26.56
	16QAM	1	0	25.29	25.51	25.33	24.63	24.91	24.76	25.55	25.37	25.48	24.34	24.29	24.60
		1	1	28.02	27.74	**28.18**	26.84	**27.35**	26.48	27.86	**27.99**	27.75	26.57	**26.82**	26.76
		1	22	27.84	27.85	27.66	26.79	26.96	26.53	**27.99**	27.86	27.88	26.46	26.47	26.01
		1	23	24.98	25.49	25.11	24.71	25.00	24.86	24.96	25.11	25.15	23.95	24.49	24.61
		12	6	27.94	27.87	27.73	26.66	27.04	26.29	27.91	27.63	27.86	26.48	26.71	26.49
		24	0	26.82	26.85	26.85	25.82	26.13	25.42	26.90	26.57	26.97	25.73	25.76	25.70
	64QAM	1	0	25.36	25.41	25.79	24.64	25.03	24.90	25.17	24.93	24.70	24.20	24.07	24.30
		1	1	26.39	26.64	26.54	25.56	25.78	24.96	25.96	26.09	25.65	25.02	25.25	25.04
		1	22	26.56	26.57	**26.71**	25.63	**25.87**	25.13	26.15	26.07	26.00	24.77	25.00	24.80
		1	23	25.53	25.48	25.31	24.91	24.89	24.99	25.09	25.02	25.16	23.70	24.01	24.19
		12	6	26.39	26.46	26.41	25.31	25.67	24.93	**26.41**	26.16	26.25	25.22	25.19	25.11
		24	0	26.39	26.40	26.33	25.46	25.76	25.02	26.35	26.17	26.01	25.20	**25.28**	25.16
	256QAM	1	0	24.31	24.29	24.15	23.86	23.83	24.14	24.24	24.33	24.11	22.97	23.30	**23.50**
		1	1	24.36	24.31	24.37	23.80	24.08	24.13	24.41	**24.48**	24.10	23.15	23.30	23.29
		1	22	**24.59**	24.22	24.21	24.05	**24.29**	23.88	24.37	24.40	24.21	22.94	22.92	23.15
		1	23	24.25	24.19	24.31	23.97	23.88	23.90	24.09	24.40	24.12	23.02	23.38	23.46
		12	6	24.17	24.39	24.21	23.92	23.87	23.70	24.19	24.43	24.17	23.14	23.29	23.34
		24	0	24.34	24.40	24.25	23.84	23.89	23.87	24.04	24.39	24.11	23.05	23.15	23.32

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	25.28	25.32	25.38	24.88	24.95	25.19	25.23	25.46	25.33	24.38	24.39	24.27
		1	1	28.50	28.66	**28.70**	28.17	**28.20**	**28.20**	**28.70**	28.66	28.57	**27.60**	27.57	27.51
		1	36	**28.70**	**28.70**	28.63	**28.20**	28.17	28.10	28.40	28.69	**28.70**	27.46	**27.60**	**27.60**
		1	37	25.41	25.44	25.30	24.97	24.89	25.02	25.03	25.34	25.31	24.32	24.33	24.33
		18	9	28.62	28.67	28.58	28.12	28.19	28.16	28.36	**28.70**	28.56	27.53	27.49	27.36
		36	0	28.37	28.46	28.40	27.83	27.95	27.49	28.22	28.55	28.35	27.34	27.22	27.29
	QPSK	1	0	25.03	25.38	25.37	24.96	24.82	25.19	25.33	25.41	25.33	24.53	24.22	24.37
		1	1	28.39	28.66	**28.69**	27.35	**27.85**	27.40	28.47	**28.68**	28.60	27.46	27.49	27.31
		1	36	28.68	28.68	28.53	27.75	27.75	27.27	28.46	28.47	28.62	27.52	**27.55**	27.28
		1	37	25.38	25.45	25.27	25.21	24.99	25.14	25.01	25.28	25.32	24.34	24.23	24.30
		18	9	28.39	28.62	28.56	27.72	27.75	27.28	28.34	28.24	28.60	27.46	27.40	27.25
		36	0	27.69	27.93	27.81	26.91	26.87	26.28	27.68	27.13	27.69	26.73	26.69	26.27
	16QAM	1	0	25.29	25.14	25.47	25.35	24.93	24.99	25.47	25.50	25.50	24.58	24.32	24.14
		1	1	27.73	27.54	27.82	27.08	26.95	26.14	27.68	27.62	27.83	26.47	**27.01**	26.38
		1	36	27.86	27.69	**27.95**	**27.13**	26.92	25.99	27.45	27.59	27.58	26.39	26.86	26.01
		1	37	25.30	25.65	25.12	25.17	25.11	24.99	25.04	25.26	25.30	24.17	24.38	23.98
		18	9	27.65	27.89	27.87	27.02	26.83	25.74	**27.86**	27.35	27.70	26.33	26.72	26.30
		36	0	26.65	26.85	26.75	26.15	26.03	25.00	26.73	26.40	26.77	25.57	25.89	25.42
	64QAM	1	0	25.21	25.33	25.61	25.40	25.08	24.48	24.90	25.22	24.93	24.22	24.37	24.14
		1	1	26.26	26.44	26.54	25.81	25.68	24.76	25.67	26.07	26.08	24.99	25.07	25.03
		1	36	26.51	**26.82**	26.36	**26.04**	25.39	24.48	25.71	25.69	25.83	25.19	25.21	24.75
		1	37	25.58	25.68	25.25	25.40	24.79	24.63	24.79	24.92	24.77	24.00	23.96	24.03
		18	9	26.14	26.29	26.28	25.69	25.47	24.49	26.11	25.86	**26.23**	25.20	**25.27**	25.01
		36	0	26.18	26.36	26.20	25.70	25.60	24.56	26.10	25.85	**26.23**	25.17	25.25	25.01
	256QAM	1	0	24.05	24.29	24.06	**24.62**	24.20	23.50	24.44	24.27	24.28	23.20	**23.57**	23.28
		1	1	24.29	24.37	24.19	24.56	23.78	23.63	24.21	**24.55**	24.36	23.22	23.21	22.84
		1	36	24.24	24.14	24.38	24.56	23.99	23.48	23.90	24.23	24.16	23.30	23.38	23.11
		1	37	24.08	**24.55**	24.20	24.45	24.23	23.50	24.15	24.24	24.01	23.33	23.53	23.16
		18	9	24.16	24.36	24.30	24.23	23.82	23.26	24.19	24.23	24.14	23.11	23.28	23.27
		36	0	24.12	24.35	24.28	24.39	23.90	23.34	24.20	24.32	24.25	23.15	23.28	23.30

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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	25.10	25.28	25.42	24.93	24.72	25.22	25.41	25.36	25.28	24.35	24.30	24.40
		1	1	28.41	28.42	28.59	27.99	28.12	**28.20**	**28.70**	**28.70**	28.64	27.57	27.51	**27.60**
		1	49	**28.70**	**28.70**	**28.70**	28.11	**28.20**	27.94	28.54	28.49	**28.70**	**27.60**	27.54	27.59
		1	50	25.36	25.32	25.44	25.02	24.94	25.27	25.17	25.18	25.43	24.28	24.33	24.38
		25	12	28.54	28.69	28.67	**28.20**	28.11	28.09	28.60	28.59	28.65	27.54	**27.60**	27.55
		50	0	28.40	28.38	28.46	27.87	27.92	27.50	28.37	28.32	28.36	27.27	27.36	27.41
	QPSK	1	0	25.17	25.19	25.39	24.80	24.93	25.31	25.50	25.34	25.38	24.36	24.36	24.48
		1	1	28.38	28.54	28.61	27.21	27.59	27.29	28.68	**28.69**	28.59	27.40	**27.58**	27.39
		1	49	28.68	28.68	**28.70**	27.42	27.56	27.06	28.50	28.46	28.68	27.43	27.53	27.09
		1	50	25.39	25.23	25.42	24.96	24.85	25.24	25.26	25.22	25.41	24.25	24.26	24.36
		25	12	28.55	28.56	28.69	27.37	**27.64**	27.27	28.51	28.08	28.62	27.54	**27.58**	27.35
		50	0	27.72	27.78	27.94	26.58	26.82	26.19	27.83	27.14	27.78	26.61	26.83	26.32
	16QAM	1	0	25.02	24.98	25.28	24.99	24.96	24.94	25.64	25.63	25.39	24.12	24.28	24.51
		1	1	27.80	27.47	**28.13**	26.42	26.82	26.47	**28.15**	27.78	27.62	26.16	26.78	26.25
		1	49	27.81	27.69	28.00	26.80	26.72	25.90	27.91	27.67	28.13	26.49	26.63	26.09
		1	50	25.05	25.48	25.59	24.75	24.67	25.08	25.18	24.93	25.43	24.21	24.12	24.16
		25	12	27.75	27.93	27.97	26.53	**26.83**	26.25	27.80	27.28	27.93	26.58	**26.87**	26.34
		50	0	26.77	26.69	26.84	25.73	25.93	25.32	26.89	26.20	26.83	25.77	25.89	25.42
	64QAM	1	0	25.24	25.16	25.48	25.00	24.86	25.22	25.15	24.59	25.02	24.16	24.03	24.24
		1	1	26.36	25.98	**26.79**	24.96	**25.69**	24.94	26.01	25.83	26.08	25.05	25.14	24.90
		1	49	26.74	26.26	26.62	25.08	25.53	24.66	26.02	25.93	25.93	25.06	25.14	24.56
		1	50	25.42	25.32	25.72	24.87	24.67	24.74	24.98	24.99	25.00	23.73	23.88	24.16
		25	12	26.17	26.08	26.43	25.25	25.55	24.89	26.28	25.81	26.35	25.21	25.26	25.03
		50	0	26.22	26.07	26.39	25.31	25.52	25.33	26.34	25.85	**26.40**	25.29	**25.34**	25.09
	256QAM	1	0	24.17	23.88	24.24	23.78	23.97	**24.35**	24.46	24.35	24.25	23.44	23.29	23.45
		1	1	24.32	23.92	24.28	23.67	24.21	24.30	**24.55**	24.39	24.37	23.39	23.11	23.26
		1	49	24.30	23.79	24.19	23.91	23.33	24.08	24.11	24.21	24.39	23.43	23.12	**23.50**
		1	50	**24.56**	24.06	24.44	23.84	24.03	23.86	24.33	24.20	24.47	23.12	23.14	23.20
		25	12	24.16	24.08	24.35	23.95	23.88	24.15	24.36	24.25	24.25	23.17	23.12	23.30
		50	0	24.24	24.09	24.46	23.89	23.85	24.05	24.36	24.28	24.33	23.23	23.14	23.34

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	24.98	24.58	25.10	24.81	24.81	25.26	25.56	25.26	25.49	24.19	24.18	24.27
		1	1	28.56	28.40	**28.70**	27.90	27.98	28.14	28.64	**28.70**	**28.70**	27.45	27.40	**27.60**
		1	76	**28.70**	**28.70**	28.48	**28.20**	**28.20**	28.17	**28.70**	28.28	28.60	27.59	**27.60**	27.50
		1	77	25.15	25.17	24.89	25.05	24.81	25.17	25.23	25.12	25.30	24.43	24.45	24.11
		36	18	28.49	28.44	28.45	28.00	28.18	28.08	28.64	28.41	28.59	**27.60**	27.42	27.46
		75	0	28.03	27.92	28.03	27.63	27.96	27.52	28.37	28.25	28.39	27.45	27.24	26.98
	QPSK	1	0	24.89	24.83	25.10	24.83	24.81	25.27	25.37	25.34	25.43	24.19	24.08	24.29
		1	1	28.54	28.26	**28.69**	27.09	27.53	27.25	**28.68**	28.54	**28.68**	27.16	27.40	27.05
		1	76	28.52	28.66	28.45	27.46	27.58	27.21	28.48	28.38	28.59	**27.58**	**27.58**	26.67
		1	77	25.11	25.12	24.81	25.00	25.00	25.34	25.34	25.11	25.21	24.30	24.48	24.03
		36	18	28.51	28.40	28.48	27.11	**27.64**	27.23	28.52	28.00	28.43	27.43	27.28	26.82
		75	0	27.49	27.51	27.45	26.37	26.84	26.22	27.84	27.10	27.55	26.56	26.68	25.82
	16QAM	1	0	25.15	24.66	25.11	24.81	24.96	25.26	25.32	25.31	25.24	23.89	23.81	24.00
		1	1	27.44	27.13	**27.90**	26.53	26.25	26.18	28.12	27.60	**28.46**	26.46	26.55	26.14
		1	76	27.11	27.77	26.92	26.81	**26.88**	26.10	27.67	27.59	27.38	26.42	**26.96**	25.65
		1	77	24.75	25.22	24.63	24.94	25.02	25.09	25.01	25.11	25.11	24.22	24.64	23.81
		36	18	27.56	27.36	27.38	26.30	26.81	26.20	27.86	27.21	27.61	26.44	26.68	25.86
		75	0	26.49	26.41	26.40	25.46	25.93	25.41	26.82	26.16	26.66	25.58	25.64	24.98
	64QAM	1	0	25.10	24.79	25.22	24.81	25.10	25.14	25.07	25.18	24.87	23.81	23.81	23.84
		1	1	26.16	26.14	**26.34**	24.92	25.53	25.07	25.92	25.75	26.14	24.79	24.89	24.65
		1	76	26.23	26.26	26.07	25.41	**25.73**	24.79	25.85	25.89	25.89	25.24	**25.34**	24.20
		1	77	25.50	25.15	25.15	24.81	25.01	25.16	24.82	24.86	24.89	23.92	23.88	23.77
		36	18	25.99	25.80	25.81	25.07	25.46	24.91	26.26	25.64	26.09	25.23	25.11	24.67
		75	0	26.04	25.92	25.92	24.99	25.48	24.95	**26.29**	25.69	26.16	25.23	**25.34**	24.49
	256QAM	1	0	23.80	23.74	23.98	23.48	23.94	23.60	**24.50**	24.06	24.05	23.25	22.84	23.43
		1	1	24.01	23.37	24.23	23.72	24.06	24.18	24.19	24.31	24.48	23.09	23.03	23.15
		1	76	24.26	24.22	23.75	24.21	24.15	23.65	24.35	24.48	24.15	23.68	23.67	23.09
		1	77	**24.37**	23.90	23.72	23.97	**24.22**	23.82	24.34	24.13	24.16	**24.02**	23.48	23.13
		36	18	24.05	23.83	23.88	23.64	23.96	23.77	24.22	24.12	23.99	23.70	23.24	23.10
		75	0	24.01	23.82	23.89	23.74	24.00	23.77	24.21	24.21	24.00	23.61	23.25	23.05

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OUTPUT POWER FOR 5G NR n77 (40.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 7			ANT 8			ANT 9			ANT 4		
				648000	656000	664000	648000	656000	664000	648000	656000	664000	648000	656000	664000
				3720.0	3840.0	3960.0	3720.0	3840.0	3960.0	3720.0	3840.0	3960.0	3720.0	3840.0	3960.0
40.0	BPSK	1	0	25.12	24.82	25.07	24.95	24.80	25.26	23.77	24.99	25.38	24.08	23.62	24.16
		1	1	28.54	28.32	**28.70**	27.72	28.11	28.03	28.60	28.14	**28.70**	27.41	27.16	**27.60**
		1	104	**28.70**	**28.70**	28.34	28.07	**28.20**	28.09	**28.70**	**28.70**	28.64	**27.60**	**27.60**	27.47
		1	105	25.21	25.11	24.79	25.10	24.96	25.42	25.20	25.44	25.32	24.36	24.34	24.27
		50	25	28.44	28.49	28.36	**28.20**	28.09	**28.20**	28.22	28.30	28.46	27.21	27.26	27.34
		100	0	27.98	28.01	27.92	27.85	27.89	27.56	28.11	28.17	28.34	27.09	27.02	27.17
	QPSK	1	0	24.97	24.93	25.27	24.96	24.73	25.39	25.04	24.99	25.39	24.12	23.82	24.36
		1	1	28.65	28.40	28.57	26.85	27.40	27.26	28.36	28.12	28.17	26.84	26.60	26.94
		1	104	28.65	**28.69**	28.37	27.30	27.50	27.24	**28.67**	28.52	28.43	**27.17**	27.01	26.64
		1	105	25.19	25.30	24.86	25.06	24.86	25.60	25.33	25.31	25.23	24.28	24.35	24.28
		50	25	28.45	28.42	28.36	27.36	**27.62**	27.38	28.28	27.88	28.02	27.12	26.94	26.93
		100	0	27.48	27.48	27.38	26.51	26.72	26.31	27.50	26.94	27.00	26.26	25.94	25.90
	16QAM	1	0	25.05	24.96	25.27	25.18	24.79	25.08	25.14	25.18	25.39	24.29	23.54	24.33
		1	1	27.84	27.44	27.48	26.13	**26.86**	26.09	27.60	26.99	27.12	26.15	25.48	25.80
		1	104	**27.92**	27.84	27.60	26.29	26.37	26.57	**28.03**	27.49	27.52	**26.50**	25.92	25.40
		1	105	25.64	25.26	24.71	25.11	24.81	25.65	25.27	25.68	25.10	24.21	24.21	24.60
		50	25	27.42	27.54	27.43	26.50	26.80	26.29	27.53	27.08	26.89	26.23	25.86	25.84
		100	0	26.49	26.47	26.38	25.61	25.79	25.43	26.53	26.10	25.89	25.37	25.01	25.01
	64QAM	1	0	25.09	25.07	25.44	24.96	24.68	25.02	25.19	24.30	24.82	23.92	23.40	24.38
		1	1	26.07	26.20	**26.54**	24.95	24.89	24.99	25.70	25.45	25.07	24.07	23.93	24.58
		1	104	26.35	26.36	26.10	25.34	24.93	25.03	26.07	**26.19**	25.69	24.85	24.54	24.28
		1	105	25.28	25.30	24.83	25.35	25.03	25.18	25.08	25.17	24.48	23.93	24.02	23.98
		50	25	25.97	25.91	25.82	25.22	**25.49**	24.99	26.00	25.66	25.49	**24.93**	24.68	24.61
		100	0	26.00	25.94	25.86	25.16	25.42	25.07	26.10	25.62	25.45	24.92	24.62	24.57
	256QAM	1	0	24.21	24.18	24.27	23.01	23.80	23.78	24.27	23.65	24.49	22.95	22.81	23.13
		1	1	24.06	23.76	23.98	23.32	24.10	23.57	24.32	24.17	24.45	22.99	22.72	23.28
		1	104	24.19	24.04	23.72	23.89	23.97	23.75	24.06	24.18	23.93	23.30	**23.70**	22.83
		1	105	**24.38**	24.17	23.20	23.96	**24.11**	23.92	24.19	24.48	**24.74**	23.04	23.22	23.10
		50	25	23.96	23.85	23.63	23.82	23.87	23.84	23.93	24.09	24.18	22.79	23.07	23.12
		100	0	23.99	24.00	23.68	23.82	23.86	23.81	23.97	24.08	24.18	22.87	23.06	23.08

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	24.61	24.54	25.11	24.91	24.66	25.16	25.14	25.03	25.37	23.99	23.78	24.25
		1	1	28.11	28.20	**28.70**	28.14	27.86	27.90	28.36	28.04	**28.70**	27.11	26.95	**27.60**
		1	131	**28.70**	**28.70**	28.21	28.11	28.13	28.07	**28.70**	**28.70**	28.48	**27.60**	**27.60**	27.40
		1	132	24.92	25.22	24.70	24.96	24.95	25.22	25.38	25.39	25.25	24.40	24.34	24.13
		64	32	28.31	28.47	28.41	**28.20**	**28.20**	**28.20**	28.50	28.19	28.26	27.20	27.16	27.30
		128	0	27.83	27.94	27.90	27.98	27.85	27.50	28.28	28.04	28.23	27.15	27.00	27.10
	QPSK	1	0	24.68	24.55	24.90	25.04	24.70	25.11	25.08	24.91	25.40	23.96	23.54	24.35
		1	1	28.20	27.86	**28.68**	27.21	27.39	27.01	28.24	28.21	28.43	27.08	26.86	27.39
		1	131	**28.68**	**28.68**	28.22	27.56	27.71	27.25	**28.61**	28.55	28.43	**27.55**	27.34	26.89
		1	132	25.03	25.18	24.68	24.97	24.87	25.17	25.32	25.46	25.12	24.38	24.25	24.23
		64	32	28.29	28.32	28.30	27.55	**27.72**	27.28	28.47	27.97	28.08	27.27	27.05	27.11
		128	0	27.24	27.29	27.30	26.64	26.77	26.24	27.74	26.98	27.24	26.45	26.02	26.09
	16QAM	1	0	24.36	24.56	25.36	24.63	24.44	25.17	24.96	24.93	25.36	24.10	23.26	24.23
		1	1	27.30	27.01	27.45	26.52	26.44	26.20	27.64	27.50	27.28	25.99	25.30	26.39
		1	131	**27.64**	27.37	27.57	26.53	26.81	26.02	**28.17**	27.73	27.62	**26.45**	26.18	26.18
		1	132	25.31	25.01	24.88	24.85	24.63	25.08	25.32	25.42	24.99	24.28	24.41	24.31
		64	32	27.27	27.24	27.25	26.64	**26.85**	26.22	27.59	27.15	27.18	26.44	26.10	26.10
		128	0	26.31	26.23	26.27	25.67	25.92	25.40	26.66	26.18	26.27	25.57	25.13	25.24
	64QAM	1	0	25.04	24.45	25.15	24.89	24.63	25.01	24.94	24.54	24.88	23.75	23.37	24.08
		1	1	25.58	25.78	26.13	24.90	25.06	24.98	25.81	25.60	25.68	24.46	23.75	24.73
		1	131	26.15	**26.30**	25.82	**25.51**	25.28	24.91	**26.57**	26.33	25.86	25.09	24.83	24.55
		1	132	24.97	25.27	24.62	25.01	24.74	25.26	25.13	25.51	24.87	24.31	23.94	23.89
		64	32	25.70	25.73	25.81	25.44	25.48	24.90	26.12	25.64	25.77	25.08	24.72	24.83
		128	0	25.71	25.68	25.70	25.30	25.41	24.90	26.14	25.71	25.78	**25.14**	24.74	24.85
	256QAM	1	0	23.86	23.55	23.49	23.69	23.67	24.02	24.05	24.25	24.47	22.91	22.49	23.05
		1	1	23.74	23.65	**24.16**	23.69	23.49	23.70	24.21	23.94	24.42	22.79	22.33	23.28
		1	131	23.77	23.71	23.41	**24.32**	24.01	23.97	24.38	24.41	24.12	**23.55**	23.33	22.98
		1	132	24.07	23.70	23.63	23.89	23.60	23.65	**24.55**	24.44	24.17	23.13	23.17	23.00
		64	32	23.64	23.67	23.73	23.91	23.77	23.75	24.14	24.02	24.09	22.96	22.79	23.00
		128	0	23.66	23.68	23.68	23.96	23.84	23.71	24.19	24.05	24.07	23.05	22.84	23.03

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OUTPUT POWER FOR 5G NR n77 (60.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 7			ANT 8			ANT 9			ANT 4		
				648666	656000	663333	648666	656000	663333	648666	656000	663333	648666	656000	663333
				3730.0	3840.0	3950.0	3730.0	3840.0	3950.0	3730.0	3840.0	3950.0	3730.0	3840.0	3950.0
60.0	BPSK	1	0	24.67	24.51	25.12	24.94	24.63	25.02	25.12	24.96	25.65	23.99	23.27	24.42
		1	1	28.07	27.92	**28.70**	**28.20**	27.99	28.14	28.18	28.18	**28.70**	27.21	26.49	**27.60**
		1	160	**28.70**	**28.70**	28.28	27.95	28.06	28.17	**28.70**	**28.70**	28.47	**27.60**	**27.60**	27.31
		1	161	25.14	25.13	24.76	24.77	24.82	25.09	25.62	25.42	25.25	24.43	24.23	24.05
		81	40	28.35	28.44	28.56	28.16	**28.20**	**28.20**	28.47	28.22	28.55	27.29	27.03	27.34
		162	0	27.88	27.86	28.30	27.90	27.98	27.67	28.34	28.13	28.36	27.17	26.92	27.06
	QPSK	1	0	24.50	24.42	24.94	24.98	24.79	25.06	25.09	24.88	25.29	23.69	23.35	24.40
		1	1	28.07	27.99	**28.68**	27.19	27.43	27.03	28.27	28.00	**28.68**	26.55	26.45	27.38
		1	160	28.67	**28.68**	28.02	27.40	27.53	27.40	28.62	28.67	28.30	**27.58**	27.23	26.70
		1	161	25.14	25.11	24.69	24.84	24.92	24.95	25.54	25.39	25.01	24.40	24.37	24.37
		81	40	28.34	28.39	28.44	27.45	**27.76**	27.29	28.44	28.02	27.93	27.09	27.01	26.97
		162	0	27.37	27.36	27.37	26.56	26.83	26.37	27.78	27.30	27.01	26.26	25.97	26.06
	16QAM	1	0	24.53	23.91	24.91	24.72	24.74	25.28	24.81	24.65	25.52	23.88	23.23	24.77
		1	1	27.19	26.60	27.79	26.10	26.44	25.86	27.71	27.09	27.69	25.53	25.84	26.48
		1	160	**27.85**	27.50	26.80	26.18	**26.95**	26.36	27.89	**28.02**	27.86	**26.63**	26.26	26.06
		1	161	25.08	24.77	24.85	25.35	24.75	25.19	25.57	25.17	24.87	24.00	24.75	24.69
		81	40	27.37	27.32	27.42	26.64	26.85	26.35	27.70	27.24	26.99	26.16	25.99	25.97
		162	0	26.41	26.31	26.34	25.70	25.96	25.50	26.67	26.33	26.13	25.37	25.09	25.03
	64QAM	1	0	25.14	24.43	25.28	24.66	24.47	24.54	24.68	24.70	25.03	23.34	23.51	24.61
		1	1	25.70	25.59	26.23	25.16	25.30	24.68	25.98	25.64	26.00	24.26	23.60	24.40
		1	160	25.98	26.11	**26.24**	25.08	**25.57**	25.36	**26.42**	26.04	25.69	**25.12**	24.84	23.90
		1	161	25.26	24.95	24.50	24.73	25.03	24.96	25.32	25.18	24.76	23.87	23.95	24.01
		81	40	25.75	25.77	25.84	25.23	25.52	24.98	26.23	25.78	25.53	24.91	24.73	24.66
		162	0	25.76	25.75	25.79	25.22	25.55	25.08	26.25	25.89	25.65	24.97	24.70	24.66
	256QAM	1	0	23.76	23.31	24.37	23.76	23.64	23.53	24.00	23.90	24.06	22.66	22.29	**23.71**
		1	1	23.70	23.09	**24.38**	23.41	**24.06**	23.57	23.82	23.63	24.08	22.25	22.17	23.06
		1	160	24.19	24.08	23.66	23.73	23.68	23.68	24.32	**24.53**	24.29	23.02	23.58	22.95
		1	161	23.83	24.23	23.12	23.73	24.00	23.90	24.42	24.20	23.63	23.22	23.05	23.30
		81	40	23.72	23.78	23.82	23.92	23.97	23.74	24.21	23.92	24.08	22.77	22.86	23.25
		162	0	23.75	23.71	23.79	23.88	23.89	23.78	24.25	24.02	24.15	22.86	22.86	23.32

OUTPUT POWER FOR 5G NR n77 (70.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 7			ANT 8			ANT 9			ANT 4		
				649000	656000	663000	649000	656000	663000	649000	656000	663000	649000	656000	663000
				3735.0	3840.0	3945.0	3735.0	3840.0	3945.0	3735.0	3840.0	3945.0	3735.0	3840.0	3945.0
70.0	BPSK	1	0	24.36	24.55	24.68	24.64	24.39	24.83	24.96	25.08	25.34	23.95	23.12	24.16
		1	1	27.34	27.90	28.24	27.98	27.75	27.91	28.32	28.40	**28.70**	27.19	26.29	**27.60**
		1	187	**28.70**	**28.70**	**28.70**	27.89	28.10	**28.20**	**28.70**	**28.70**	28.41	**27.60**	**27.60**	26.90
		1	188	25.43	25.50	25.19	24.89	24.72	24.91	25.56	25.58	24.86	24.41	24.21	23.78
		90	45	28.13	28.45	28.45	**28.20**	**28.20**	28.09	28.54	28.50	28.49	27.47	27.08	27.26
		180	0	27.89	28.24	28.19	27.89	27.91	27.57	28.42	28.34	28.28	27.22	26.99	27.10
	QPSK	1	0	24.35	24.46	24.85	24.76	24.47	25.15	25.09	24.86	25.34	24.00	23.66	24.14
		1	1	27.63	28.04	28.05	27.07	27.43	27.00	28.26	28.17	28.66	26.92	26.89	27.17
		1	187	28.43	**28.66**	28.41	27.56	27.69	27.30	**28.69**	28.68	28.15	**27.59**	27.58	26.72
		1	188	25.29	25.44	25.47	24.69	24.67	24.81	25.34	25.48	24.96	24.41	23.99	23.83
		90	45	28.12	28.45	28.47	27.44	**27.80**	27.26	28.51	28.20	27.87	27.19	27.02	26.69
		180	0	27.40	27.69	27.66	26.60	26.98	26.29	27.74	27.49	27.20	26.45	26.24	25.92
	16QAM	1	0	24.09	24.54	24.53	24.34	24.43	24.91	25.19	25.11	25.35	23.87	23.69	24.36
		1	1	26.78	27.16	27.79	26.24	26.79	25.94	27.84	27.36	27.78	26.00	26.14	26.42
		1	187	27.74	**28.22**	27.74	**27.00**	26.82	26.26	**28.32**	27.38	27.26	**26.78**	26.69	25.60
		1	188	25.62	25.44	25.51	24.94	25.10	25.02	25.49	25.38	25.20	24.44	23.99	23.74
		90	45	27.44	27.74	27.75	26.63	**27.00**	26.29	27.72	27.34	27.06	26.34	26.11	25.80
		180	0	26.41	26.70	26.74	25.67	26.10	25.43	26.70	26.64	26.35	25.47	25.38	24.98
	64QAM	1	0	24.25	24.87	25.43	25.08	24.76	24.63	24.47	24.10	24.84	23.34	23.47	23.78
		1	1	25.96	25.46	26.27	25.20	25.55	25.05	25.67	25.56	26.18	23.86	24.02	24.58
		1	187	26.71	**26.78**	26.28	25.42	**25.82**	24.92	26.24	25.97	25.76	24.86	**25.05**	23.90
		1	188	25.24	25.98	25.11	25.07	24.91	24.95	24.88	25.48	24.89	23.93	24.08	23.87
		90	45	25.81	26.28	26.18	25.28	25.75	24.93	**26.26**	25.82	25.60	24.71	24.83	24.53
		180	0	25.88	26.21	26.17	25.22	25.63	24.96	26.15	25.97	25.77	24.68	24.93	24.55
	256QAM	1	0	23.00	23.40	24.11	23.78	23.27	23.18	24.31	23.55	24.36	22.52	22.85	23.14
		1	1	23.35	23.87	23.59	23.82	23.21	23.76	24.37	23.59	24.35	22.30	22.50	**23.44**
		1	187	24.13	24.39	24.28	23.73	24.08	**24.32**	24.72	24.23	23.84	23.04	23.06	22.62
		1	188	24.13	**24.46**	24.45	24.00	24.00	23.84	**25.04**	24.30	23.71	23.17	22.92	22.59
		90	45	23.87	24.20	24.17	23.99	23.98	23.76	24.61	24.08	24.04	22.75	22.92	23.07
		180	0	23.89	24.20	24.12	23.89	23.86	23.69	24.64	24.09	24.31	22.74	22.99	23.17

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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	24.21	24.45	24.63	24.97	24.27	24.80	24.86	24.40	25.26	23.67	23.59	24.30
		1	1	27.72	28.02	28.10	27.80	27.63	27.96	28.26	27.71	**28.70**	27.06	27.07	**27.60**
		1	215	28.45	**28.70**	**28.70**	28.15	27.86	27.81	**28.70**	**28.70**	28.31	**27.60**	**27.60**	27.13
		1	216	25.36	25.48	25.14	25.25	24.71	24.83	25.37	25.49	24.88	24.40	24.35	23.81
		108	54	28.26	28.38	28.45	**28.20**	**28.20**	**28.20**	28.51	28.38	28.37	27.45	27.16	27.47
		216	0	28.07	28.17	28.14	27.81	27.86	27.95	28.28	28.04	28.13	27.25	26.99	27.32
	QPSK	1	0	24.32	24.51	24.70	24.96	24.31	24.56	24.99	24.54	25.09	23.83	23.67	24.27
		1	1	27.31	27.60	28.10	26.81	27.46	27.33	28.15	27.81	28.35	26.81	26.82	27.21
		1	215	28.43	**28.51**	28.36	27.86	**28.08**	27.76	28.43	**28.70**	28.22	**27.58**	27.42	26.93
		1	216	25.27	25.52	25.36	25.16	24.52	24.98	25.28	25.57	25.04	24.44	24.36	23.82
		108	54	28.06	28.47	28.40	27.38	27.88	27.62	28.27	28.04	27.79	27.32	27.12	27.04
		216	0	27.37	27.70	27.67	26.53	26.96	26.80	27.54	27.40	27.17	26.56	26.35	26.16
	16QAM	1	0	24.44	24.51	24.67	25.31	24.48	24.69	24.77	24.09	25.10	23.94	23.85	23.54
		1	1	27.00	27.26	27.07	25.97	26.50	26.63	27.14	27.40	27.77	26.06	26.27	25.99
		1	215	**27.83**	27.61	27.68	26.74	26.89	**27.14**	27.53	**28.07**	27.49	**27.28**	26.69	26.54
		1	216	25.07	25.47	25.02	25.06	24.62	24.98	25.54	25.18	24.23	24.26	24.34	23.84
		108	54	27.33	27.73	27.72	26.43	27.00	26.68	27.51	27.48	27.01	26.50	26.30	25.96
		216	0	26.33	26.67	26.68	25.69	26.09	25.89	26.47	26.66	26.22	25.65	25.48	25.23
	64QAM	1	0	24.03	24.26	24.85	25.33	24.64	25.12	24.41	24.69	24.92	23.05	23.35	23.32
		1	1	24.78	25.85	25.87	25.18	25.46	**26.06**	24.73	25.48	25.45	24.38	24.05	23.87
		1	215	**26.67**	26.60	26.00	25.90	25.81	25.66	25.88	**26.43**	25.35	25.06	**25.56**	24.90
		1	216	25.64	25.87	24.96	25.58	24.68	25.43	25.03	25.20	25.07	24.25	23.96	23.93
		108	54	25.81	26.19	26.18	25.23	25.78	25.45	25.74	25.93	25.45	25.03	24.94	24.68
		216	0	25.82	26.16	26.11	25.24	25.61	25.52	25.75	26.22	25.68	25.02	25.04	24.78
	256QAM	1	0	22.99	23.66	23.67	23.60	23.11	23.93	23.32	24.01	24.35	22.48	22.64	22.70
		1	1	23.31	23.22	23.74	23.45	23.27	24.31	23.14	23.72	24.16	22.70	22.72	22.35
		1	215	24.38	24.36	24.01	**24.36**	23.87	23.77	24.07	24.51	23.51	**23.31**	23.06	22.91
		1	216	24.33	**24.66**	23.98	24.08	23.30	23.99	23.95	**24.71**	23.92	22.84	22.98	22.77
		108	54	23.75	24.17	24.15	23.91	23.97	24.06	23.75	24.24	24.07	23.02	23.00	22.77
		216	0	23.68	24.11	24.08	23.98	23.74	24.06	23.77	24.29	24.06	22.98	22.96	22.84

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	24.28	24.47	24.87	25.17	24.63	24.73	24.43	24.44	25.19	24.16	23.67	24.42
		1	1	27.69	27.94	28.29	27.79	27.54	28.07	27.92	27.79	28.41	**27.60**	27.06	**27.60**
		1	243	**28.70**	**28.70**	**28.70**	**28.20**	27.79	**28.20**	**28.70**	**28.70**	28.46	26.90	**27.60**	27.31
		1	244	25.50	25.35	25.44	25.02	24.52	24.95	25.33	25.42	25.20	23.78	24.40	24.05
		120	60	28.33	28.43	28.64	28.13	**28.20**	28.18	28.22	28.05	**28.70**	27.26	27.45	27.34
		243	0	28.08	28.13	28.40	27.67	27.81	27.74	28.01	27.88	28.47	27.10	27.25	27.06
	QPSK	1	0	24.45	24.59	24.83	25.02	24.12	24.75	24.55	24.32	25.16	24.14	23.83	24.40
		1	1	27.56	27.65	28.47	26.84	27.14	27.29	27.81	27.67	28.30	27.17	26.81	27.38
		1	243	28.59	28.59	28.59	27.46	27.50	27.52	**28.55**	28.53	28.36	26.72	**27.58**	26.70
		1	244	25.36	25.18	25.51	24.94	24.68	24.89	25.44	25.33	25.09	23.83	24.44	24.37
		120	60	28.34	28.48	**28.61**	27.31	**27.77**	27.48	28.21	27.91	27.93	26.69	27.32	26.97
		243	0	27.64	27.73	27.95	26.48	26.84	26.56	27.44	27.17	27.35	25.92	26.56	26.06
	16QAM	1	0	24.45	24.93	25.21	25.32	24.01	24.26	24.73	24.27	24.98	24.36	23.94	24.77
		1	1	26.73	26.63	27.54	25.95	26.34	26.39	26.58	27.25	27.51	26.42	26.06	26.48
		1	243	28.00	27.71	**28.17**	26.59	**26.94**	26.91	**27.86**	27.67	27.36	25.60	**27.28**	26.06
		1	244	25.45	25.33	25.15	25.08	24.82	24.91	25.39	25.26	25.32	23.74	24.26	24.69
		120	60	27.73	27.85	28.01	26.39	26.91	26.57	27.54	26.99	27.14	25.80	26.50	25.97
		243	0	26.57	26.67	26.88	25.56	26.02	25.70	26.46	26.30	26.27	24.98	25.65	25.03
	64QAM	1	0	25.02	24.62	25.25	25.14	24.71	25.17	24.20	24.06	24.32	23.78	23.05	24.61
		1	1	25.65	25.57	26.55	25.39	25.27	25.32	25.37	25.00	25.77	24.58	24.38	24.40
		1	243	26.40	**26.69**	26.58	**25.94**	25.72	25.77	25.93	25.68	25.56	23.90	**25.06**	23.90
		1	244	25.79	25.56	25.35	25.46	24.90	25.26	24.88	25.13	24.91	23.87	24.25	24.01
		120	60	26.07	26.27	26.34	24.99	25.63	25.20	25.92	25.52	25.56	24.53	25.03	24.66
		243	0	26.04	26.18	26.26	25.11	25.55	25.23	**25.99**	25.85	25.82	24.55	25.02	24.66
	256QAM	1	0	23.47	23.80	23.80	23.64	23.48	23.72	23.57	23.45	23.82	23.14	22.48	**23.71**
		1	1	23.60	23.60	23.98	23.75	23.42	23.89	23.36	23.16	**24.29**	23.44	22.70	23.06
		1	243	24.37	24.29	**24.74**	24.13	23.66	23.93	24.04	24.27	23.99	22.62	23.31	22.95
		1	244	24.72	24.57	24.66	**24.46**	23.65	24.23	24.14	24.21	23.63	22.59	22.84	23.30
		120	60	24.13	24.21	24.40	23.81	24.02	24.02	23.74	23.85	24.07	23.07	23.02	23.25
		243	0	23.99	24.14	24.34	23.87	23.84	23.93	23.71	23.86	24.18	23.17	22.98	23.32

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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	24.55	24.52	24.87	25.08	24.28	24.70	24.64	24.48	25.20	23.95	23.12	24.16
		1	1	27.80	27.77	28.18	27.75	27.73	28.18	27.98	27.71	28.11	27.19	26.29	**27.60**
		1	271	**28.70**	**28.70**	**28.70**	**28.20**	28.08	28.17	**28.70**	**28.70**	28.46	**27.60**	**27.60**	26.90
		1	272	25.40	25.66	25.56	24.85	24.78	25.00	25.18	25.58	25.14	24.41	24.21	23.78
		135	67	28.40	28.52	28.67	28.11	**28.20**	**28.20**	28.30	28.29	**28.70**	27.47	27.08	27.26
		270	0	28.18	28.21	28.39	27.55	27.89	27.82	28.02	28.03	28.41	27.22	26.99	27.10
	QPSK	1	0	24.49	24.46	24.95	25.00	24.17	24.83	24.38	24.20	25.42	24.00	23.66	24.14
		1	1	27.62	27.60	28.54	26.57	27.26	27.19	27.74	27.70	28.42	26.92	26.89	27.07
		1	271	28.63	**28.68**	28.65	27.36	27.85	27.77	**28.68**	**28.68**	28.36	**27.59**	27.58	26.72
		1	272	25.40	25.09	25.58	24.78	24.63	24.96	25.31	25.41	25.09	24.41	23.99	23.83
		135	67	28.41	28.22	28.67	27.19	**28.04**	27.62	28.12	27.85	28.00	27.19	27.02	26.69
		270	0	27.66	27.53	27.89	26.29	26.97	26.59	27.35	27.24	27.32	26.45	26.24	25.92
	16QAM	1	0	24.22	24.25	24.98	25.49	24.27	25.49	24.58	24.53	24.90	23.87	23.69	24.36
		1	1	26.94	26.86	27.42	25.85	26.95	26.44	26.83	26.23	27.93	26.00	26.14	26.42
		1	271	27.99	28.13	**28.22**	26.60	26.72	26.25	27.59	27.84	**28.09**	**26.78**	26.69	25.60
		1	272	25.65	25.39	25.64	25.42	25.20	24.93	24.99	25.59	25.23	24.44	23.99	23.74
		135	67	27.61	27.52	27.95	26.27	**27.06**	26.63	27.16	27.03	27.41	26.34	26.11	25.80
		270	0	26.56	26.46	26.79	25.45	26.06	25.72	26.10	26.31	26.60	25.47	25.38	24.98
	64QAM	1	0	24.84	24.39	25.30	24.82	24.58	24.79	23.87	24.18	25.14	23.34	23.47	23.78
		1	1	25.72	25.91	25.98	24.31	25.50	25.12	24.99	25.09	26.14	23.86	24.02	24.58
		1	271	26.22	26.63	**26.92**	25.74	25.66	**25.84**	25.85	25.92	**26.24**	24.86	**25.05**	23.90
		1	272	25.98	25.81	25.79	24.95	25.18	25.59	24.99	24.93	25.40	23.93	24.08	23.87
		135	67	26.10	26.10	26.38	25.06	25.82	25.30	25.72	25.70	26.05	24.71	24.83	24.53
		270	0	26.05	25.88	26.33	25.00	25.65	25.34	25.66	25.86	26.15	24.68	24.93	24.55
	256QAM	1	0	23.67	23.71	24.15	23.46	23.59	23.64	22.67	22.87	24.20	22.52	22.85	23.14
		1	1	23.87	23.36	24.47	23.36	23.49	24.00	23.09	23.24	24.20	22.30	22.50	**23.44**
		1	271	24.38	23.69	24.49	24.04	23.89	24.01	24.27	24.63	**24.87**	23.04	23.06	22.62
		1	272	**25.09**	24.82	24.55	24.04	23.75	**24.09**	23.52	24.60	24.47	23.17	22.92	22.59
		135	67	24.04	23.98	24.29	23.75	23.95	24.08	23.73	23.93	24.56	22.75	22.92	23.07
		270	0	24.02	23.92	24.16	23.74	23.85	23.92	23.66	23.90	24.54	22.74	22.99	23.17

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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.

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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	4.499	5.111
	5MHz, 16QAM			4.500	5.096
	10MHz, QPSK	50/0		8.976	10.00
	10MHz, 16QAM			8.992	9.992
	15MHz, QPSK	75/0		13.477	14.83
	15MHz, 16QAM			13.477	14.77
	20MHz, QPSK	100/0		17.968	19.85
	20MHz, 16QAM			17.975	19.79
	20MHz, QPSK	1/0		0.275	0.472

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	4.492	5.175
	5MHz, QPSK			4.501	5.073
	5MHz, 16QAM			4.482	4.994
	10MHz, BPSK	50/0		8.946	9.746
	10MHz, QPSK			8.973	9.805
	10MHz, 16QAM			8.945	9.772
	15MHz, BPSK	75/0		13.406	14.34
	15MHz, QPSK			13.477	14.43
	15MHz, 16QAM			13.433	14.43
	20MHz, BPSK	100/0		17.935	19.03
	20MHz, QPSK			17.940	19.06
	20MHz, 16QAM			17.882	19.01
	25MHz, BPSK	128/0		22.946	24.24
	25MHz, QPSK			22.884	24.20
	25MHz, 16QAM			22.931	24.27
	30MHz, BPSK	160/0		28.705	30.05
	30MHz, QPSK			28.593	30.10
	30MHz, 16QAM			28.657	30.02
	35MHz, BPSK	180/0		32.151	33.73
	35MHz, QPSK			32.151	33.83
	35MHz, 16QAM			32.228	31.81
	40MHz, BPSK	216/0		38.574	40.51
	40MHz, QPSK			38.634	40.35
	40MHz, 16QAM			38.628	40.40
	40MHz, BPSK	1/0		0.313	0.484

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LTE BAND 12

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
LTE BAND 12	1.4MHz, QPSK	6/0	707.5	1.094	1.366
	1.4MHz,16QAM			1.099	1.350
	3MHz, QPSK	15/0		2.697	3.034
	3MHz, 16QAM			2.712	3.037
	5MHz, QPSK	25/0		4.500	5.105
	5MHz, 16QAM			4.492	5.111
	10MHz, QPSK	50/0		8.951	9.915
	10MHz, 16QAM			8.973	10100
	10MHz, QPSK	1/0		0.239	0.429

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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	4.495	5.107
	5MHz, QPSK			4.477	5.031
	5MHz, 16QAM			4.492	5.042
	10MHz, BPSK	50/0		8.956	9.757
	10MHz, QPSK			8.948	9.764
	10MHz, 16QAM			8.963	9.751
	15MHz, BPSK	75/0		13.408	14.41
	15MHz, QPSK			13.428	14.32
	15MHz, 16QAM			13.341	14.34
	15MHz, BPSK	1/0		0.238	0.389

LTE BAND 13

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
LTE BAND 13	5MHz, QPSK	25/0	782.0	4.499	5.169
	5MHz, 16QAM			4.514	5.128
	10MHz, QPSK	50/0		8.968	9.884
	10MHz, 16QAM			8.982	9.960
	10MHz, QPSK	1/0		0.262	0.515

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	4.493	5.090
	5MHz, 16QAM			4.499	5.172
	10MHz, QPSK	50/0		8.967	9.983
	10MHz, 16QAM			8.988	9.893
	10MHz, QPSK	1/0		0.251	0.395

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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	4.505	5.131
	5MHz, QPSK			4.487	5.124
	5MHz, 16QAM			4.495	5.033
	10MHz, BPSK	50/0		8.968	9.796
	10MHz, QPSK			8.924	9.696
	10MHz, 16QAM			8.957	9.795
	10MHz, BPSK	1/0		0.232	0.381

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	4.499	5.056
	5MHz, 16QAM			4.504	5.114
	10MHz, QPSK	50/0		8.974	10.06
	10MHz, 16QAM			8.977	9.929
	10MHz, QPSK	1/0		0.254	0.413

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	1.093	1.354
	1.4MHz,16QAM			1.097	1.366
	3MHz, QPSK	15/0		2.706	3.071
	3MHz, 16QAM			2.702	3.078
	5MHz, QPSK	25/0		4.505	5.057
	5MHz, 16QAM			4.494	5.109
	10MHz, QPSK	50/0		8.980	9.957
	10MHz, 16QAM			9.020	9.985
	15MHz, QPSK	75/0		13.469	14.830
	15MHz, 16QAM			13.463	14.800
	20MHz, QPSK	100/0		17.947	19.580
	20MHz, 16QAM			17.912	18.770
	20MHz, QPSK	1/0		0.282	0.558

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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	4.485	5.158
	5MHz, QPSK			4.484	4.964
	5MHz, 16QAM			4.496	4.985
	10MHz, BPSK	50/0		8.972	9.771
	10MHz, QPSK			8.956	9.763
	10MHz, 16QAM			8.997	9.770
	15MHz, BPSK	75/0		13.430	14.39
	15MHz, QPSK			13.416	14.32
	15MHz, 16QAM			13.431	14.35
	20MHz, BPSK	100/0		17.908	18.87
	20MHz, QPSK			17.892	19.02
	20MHz, 16QAM			17.869	18.84
	25MHz, BPSK	128/0		22.879	24.19
	25MHz, QPSK			22.959	24.25
	25MHz, 16QAM			22.861	24.23
	30MHz, BPSK	160/0		28.641	30.07
	30MHz, QPSK			28.593	30.04
	30MHz, 16QAM			28.576	30.07
	35MHz, BPSK	180/0		32.180	33.62
	35MHz, QPSK			32.254	33.69
	35MHz, 16QAM			32.141	33.68
	40MHz, BPSK	216/0		38.586	40.37
	40MHz, QPSK			38.608	40.44
	40MHz, 16QAM			38.664	40.47
	40MHz, BPSK	1/0		0.253	0.507

LTE BAND 26(FCC 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	1.093	1.319
	1.4MHz,16QAM			1.096	1.321
	3MHz, QPSK	15/0		2.704	3.069
	3MHz, 16QAM			2.709	3.048
	5MHz, QPSK	25/0		4.507	5.083
	5MHz, 16QAM			4.502	5.111
	10MHz, QPSK	50/0		9.004	9.964
	10MHz, 16QAM			8.971	9.862
	10MHz, QPSK	1/0		0.251	0.439

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5G NR n26 (FCC 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	4.480	5.083
	5MHz, QPSK			4.483	5.162
	5MHz, 16QAM			4.506	5.209
	10MHz, BPSK	50/0		8.982	9.912
	10MHz, QPSK			8.995	9.850
	10MHz, 16QAM			8.957	9.752
	10MHz, BPSK	1/0		0.250	0.406

LTE BAND 26 (FCC 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	1.099	1.332
	1.4MHz,16QAM			1.098	1.343
	3MHz, QPSK	15/0		2.702	3.029
	3MHz, 16QAM			2.704	3.096
	5MHz, QPSK	25/0		4.508	5.082
	5MHz, 16QAM			4.505	5.101
	10MHz, QPSK	50/0		8.980	9.912
	10MHz, 16QAM			9.003	9.999
	10MHz, QPSK	1/0		0.245	0.417

5G NR n26 (FCC PART 22)

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
5G NR n26 (FCC Part 22)	5MHz, BPSK	25/0	836.5	4.503	5.114
	5MHz, QPSK			4.500	5.119
	5MHz, 16QAM			4.487	5.008
	10MHz, BPSK	50/0		8.995	9.816
	10MHz, QPSK			8.971	9.779
	10MHz, 16QAM			8.983	9.736
	15MHz, BPSK	75/0		13.419	14.34
	15MHz, QPSK			13.440	14.43
	15MHz, 16QAM			13.414	14.32
	20MHz, BPSK	100/0		17.905	18.93
	20MHz, QPSK			17.911	18.94
	20MHz, 16QAM			17.863	19.10
	20MHz, BPSK	1/0		0.271	0.413

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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	4.507	5.142
	5MHz, 16QAM			4.512	5.071
	10MHz, QPSK	50/0		8.978	9.949
	10MHz, 16QAM			9.003	10.06
	10MHz, QPSK	1/0		0.247	0.386

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	4.488	4.988
	5MHz, QPSK			4.516	5.174
	5MHz, 16QAM			4.496	5.074
	10MHz, BPSK	50/0		8.981	9.773
	10MHz, QPSK			8.970	9.718
	10MHz, 16QAM			8.975	9.768
	10MHz, BPSK	1/0		0.257	0.438

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	4.483	5.037
	5MHz, 16QAM			4.492	5.109
	10MHz, QPSK	50/0		8.976	9.982
	10MHz, 16QAM			8.974	9.833
	15MHz, QPSK	75/0		13.45	14.92
	15MHz, 16QAM			13.42	14.72
	20MHz, QPSK	100/0		17.93	19.65
	20MHz, 16QAM			17.95	19.41
	20MHz, QPSK	1/0		0.294	0.471

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5G NR n41

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
5G NR n41 (FCC)	10MHz, BPSK	24/0	2593.0	8.616	9.549
	10MHz, QPSK			8.581	9.666
	10MHz, 16QAM			8.684	9.985
	15MHz, BPSK	36/0		12.995	14.46
	15MHz, QPSK			12.915	14.53
	15MHz, 16QAM			12.932	14.38
	20MHz, BPSK	50/0		17.913	19.73
	20MHz, QPSK			17.902	19.38
	20MHz, 16QAM			17.876	19.60
	30MHz, BPSK	75/0		26.881	29.00
	30MHz, QPSK			26.869	28.96
	30MHz, 16QAM			26.932	29.02
	40MHz, BPSK	100/0		35.773	37.99
	40MHz, QPSK			35.914	37.90
	40MHz, 16QAM			35.849	38.04
	50MHz, BPSK	128/0		45.835	48.22
	50MHz, QPSK			45.838	48.30
	50MHz, 16QAM			45.917	48.40
	60MHz, BPSK	162/0		57.865	60.86
	60MHz, QPSK			58.052	60.76
	60MHz, 16QAM			58.036	60.84
	70MHz, BPSK	180/0		64.493	67.69
	70MHz, QPSK			64.604	67.52
	70MHz, 16QAM			64.404	67.74
	80MHz, BPSK	216/0		77.210	80.73
	80MHz, QPSK			77.458	80.86
	80MHz, 16QAM			77.392	81.08
	90MHz, BPSK	243/0		86.684	90.52
	90MHz, QPSK			87.097	90.69
	90MHz, 16QAM			86.921	90.76
	100MHz, BPSK	270/0		96.431	100.6
	100MHz, QPSK			96.543	100.8
	100MHz, 16QAM			96.461	100.8
	100MHz, BPSK	1/0		0.597	1.06

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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	1.093	1.332
	1.4MHz,16QAM			1.095	1.327
	3MHz, QPSK	15/0		2.702	3.058
	3MHz, 16QAM			2.707	3.062
	5MHz, QPSK	25/0		4.510	5.105
	5MHz, 16QAM			4.505	5.116
	10MHz, QPSK	50/0		8.992	9.931
	10MHz, 16QAM			8.979	9.948
	15MHz, QPSK	75/0		13.44	14.98
	15MHz, 16QAM			13.46	14.78
	20MHz, QPSK	100/0		17.94	19.65
	20MHz, 16QAM			17.92	19.66
	20MHz, QPSK	1/0		0.266	0.411

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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	4.484	4.916
	5MHz, QPSK			4.484	4.923
	5MHz, 16QAM			4.486	5.137
	10MHz, BPSK	50/0		8.949	9.684
	10MHz, QPSK			8.951	9.673
	10MHz, 16QAM			8.965	9.733
	15MHz, BPSK	75/0		13.435	14.39
	15MHz, QPSK			13.427	14.36
	15MHz, 16QAM			13.449	14.45
	20MHz, BPSK	100/0		17.914	18.92
	20MHz, QPSK			17.886	18.92
	20MHz, 16QAM			17.896	19.04
	25MHz, BPSK	128/0		22.947	23.89
	25MHz, QPSK			22.940	24.22
	25MHz, 16QAM			22.959	24.28
	30MHz, BPSK	160/0		28.687	30.14
	30MHz, QPSK			28.737	30.14
	30MHz, 16QAM			28.760	33.15
	35MHz, BPSK	180/0		32.191	33.84
	35MHz, QPSK			32.200	33.78
	35MHz, 16QAM			32.271	37.02
	40MHz, BPSK	216/0		38.634	40.41
	40MHz, QPSK			38.652	40.43
	40MHz, 16QAM			38.621	40.58
	40MHz, BPSK	1/0		0.325	0.539

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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	4.473	5.108
	5MHz, QPSK			4.485	5.036
	5MHz, 16QAM			4.484	5.110
	10MHz, BPSK	50/0		9.010	9.871
	10MHz, QPSK			8.964	9.843
	10MHz, 16QAM			8.960	9.818
	15MHz, BPSK	75/0		13.452	14.48
	15MHz, QPSK			13.431	14.38
	15MHz, 16QAM			13.484	14.45
	15MHz, BPSK	1/0		0.257	0.418

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	4.499	5.130
	5MHz, 16QAM			4.513	5.121
	10MHz, QPSK	50/0		8.963	9.992
	10MHz, 16QAM			8.962	9.978
	15MHz, QPSK	75/0		13.43	14.68
	15MHz, 16QAM			13.42	14.72
	20MHz, QPSK	100/0		17.88	19.44
	20MHz, 16QAM			17.86	19.57
	20MHz, QPSK	1/0		0.273	0.470

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	4.483	5.089
	5MHz, QPSK			4.477	5.079
	5MHz, 16QAM			4.476	5.116
	10MHz, BPSK	50/0		8.951	9.656
	10MHz, QPSK			8.973	9.733
	10MHz, 16QAM			8.968	9.726
	15MHz, BPSK	75/0		13.392	14.46
	15MHz, QPSK			13.426	14.36
	15MHz, 16QAM			13.430	14.39
	20MHz, BPSK	100/0		17.850	19.05
	20MHz, QPSK			17.859	18.85
	20MHz, 16QAM			17.846	19.02
	20MHz, BPSK	1/0		0.271	0.459

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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	8.609	9.865
	10MHz, QPSK			8.624	9.956
	10MHz, 16QAM			8.629	9.804
	15MHz, BPSK	36/0		12.879	14.35
	15MHz, QPSK			12.945	14.34
	15MHz, 16QAM			12.971	14.36
	20MHz, BPSK	50/0		17.882	19.50
	20MHz, QPSK			17.887	19.44
	20MHz, 16QAM			17.898	19.56
	30MHz, BPSK	75/0		26.803	28.67
	30MHz, QPSK			26.894	28.74
	30MHz, 16QAM			26.876	28.78
	40MHz, BPSK	100/0		35.807	37.84
	40MHz, QPSK			35.914	37.91
	40MHz, 16QAM			35.750	37.87
	50MHz, BPSK	128/0		45.889	48.33
	50MHz, QPSK			45.743	48.38
	50MHz, 16QAM			45.740	47.97
	60MHz, BPSK	162/0		57.790	60.79
	60MHz, QPSK			57.947	60.60
	60MHz, 16QAM			57.853	60.77
	70MHz, BPSK	180/0		64.376	67.55
	70MHz, QPSK			64.573	67.70
	70MHz, 16QAM			64.322	67.34
	80MHz, BPSK	216/0		77.338	80.84
	80MHz, QPSK			77.244	80.67
	80MHz, 16QAM			77.112	80.59
	90MHz, BPSK	243/0		86.764	90.30
	90MHz, QPSK			86.792	90.68
	90MHz, 16QAM			86.513	90.70
	100MHz, BPSK	270/0		96.439	100.5
	100MHz, QPSK			96.357	100.7
	100MHz, 16QAM			96.271	100.7
	100MHz, BPSK	1/0		0.672	1.156

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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	8.591	9.584
	10MHz, QPSK			8.595	9.637
	10MHz, 16QAM			8.647	9.857
	15MHz, BPSK	36/0		12.882	13.90
	15MHz, QPSK			12.891	14.24
	15MHz, 16QAM			12.893	14.01
	20MHz, BPSK	50/0		17.865	19.09
	20MHz, QPSK			17.874	19.21
	20MHz, 16QAM			17.888	19.14
	30MHz, BPSK	75/0		26.845	28.51
	30MHz, QPSK			26.836	28.84
	30MHz, 16QAM			26.827	28.25
	40MHz, BPSK	100/0		35.722	37.38
	40MHz, QPSK			35.656	37.88
	40MHz, 16QAM			35.748	37.58
	50MHz, BPSK	128/0		45.853	48.28
	50MHz, QPSK			45.720	48.16
	50MHz, 16QAM			45.633	47.83
	60MHz, BPSK	162/0		57.868	60.32
	60MHz, QPSK			57.969	60.39
	60MHz, 16QAM			57.755	60.40
	70MHz, BPSK	180/0		64.391	67.18
	70MHz, QPSK			64.322	67.45
	70MHz, 16QAM			64.333	67.28
	80MHz, BPSK	216/0		77.127	80.42
	80MHz, QPSK			77.076	80.42
	80MHz, 16QAM			77.336	80.31
	90MHz, BPSK	243/0		86.739	90.32
	90MHz, QPSK			86.795	90.37
	90MHz, 16QAM			86.626	90.32
	100MHz, BPSK	270/0		96.349	100.3
	100MHz, QPSK			96.416	100.2
	100MHz, 16QAM			96.276	100.4
	100MHz, BPSK	1/0		0.595	0.966

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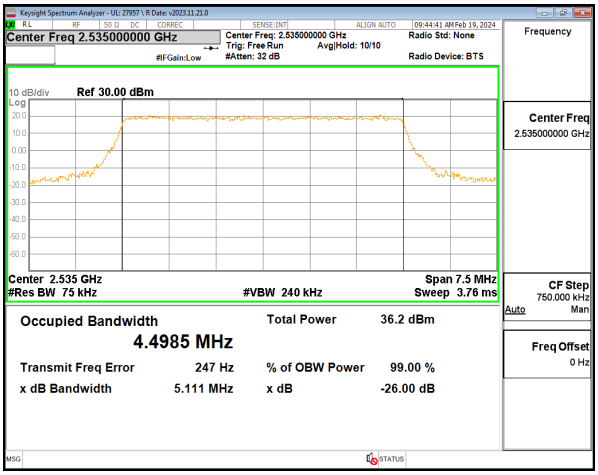
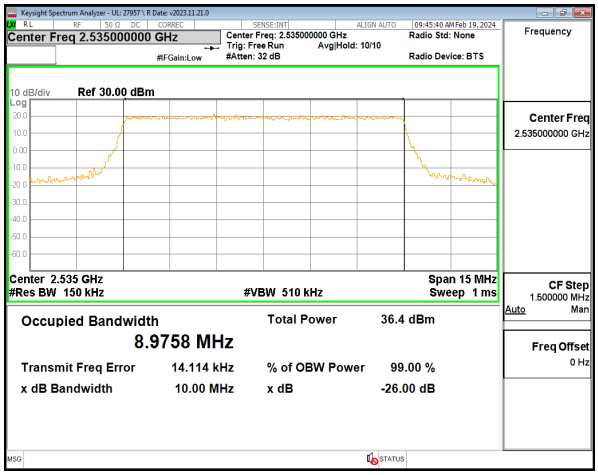
9.1.1. LTE BAND 7 AND 5G NR n7

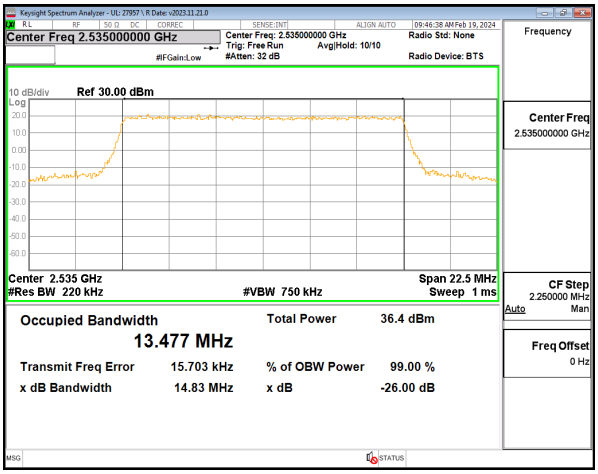
LTE BAND 7



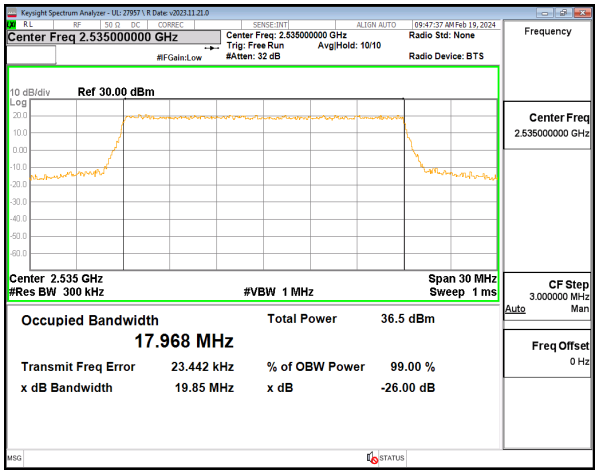
LTE B7 5MHz QPSK Middle Channel RB25-0



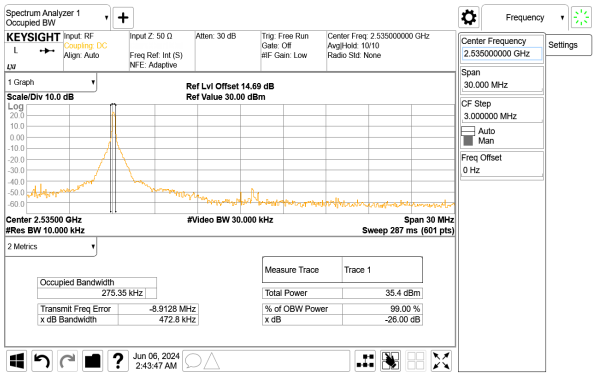
LTE B7 10MHz QPSK Middle Channel RB50-0



LTE B7 15MHz QPSK Middle Channel RB75-0



LTE B7 20MHz QPSK Middle Channel RB100-0



LTE B7 20MHz QPSK Middle Channel RB1-0 ID: 27957

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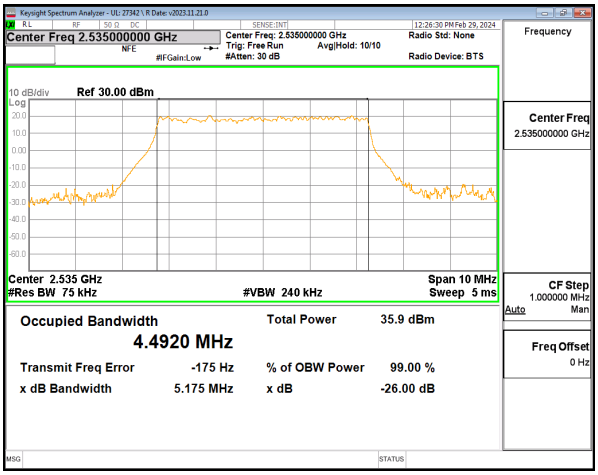
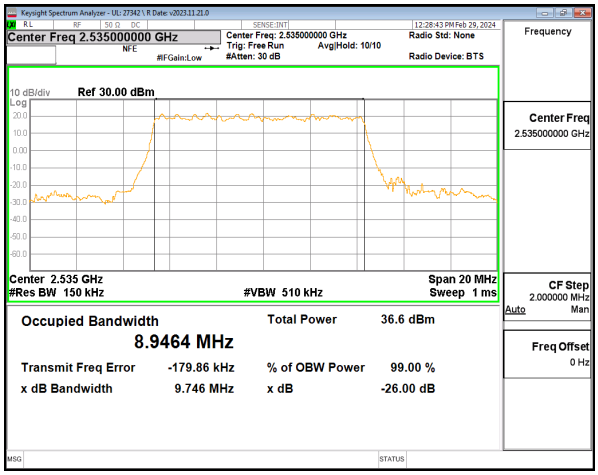
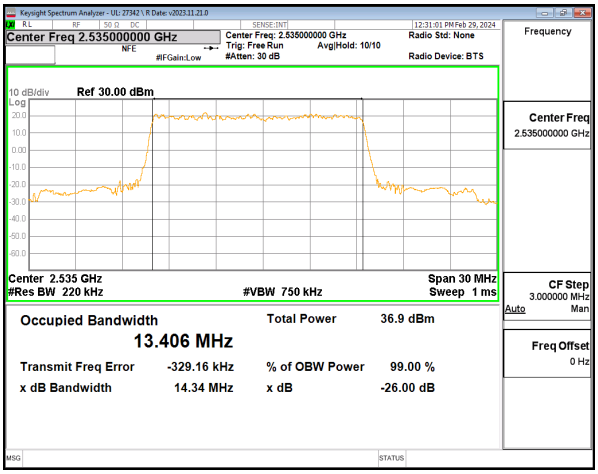
5G NR n7



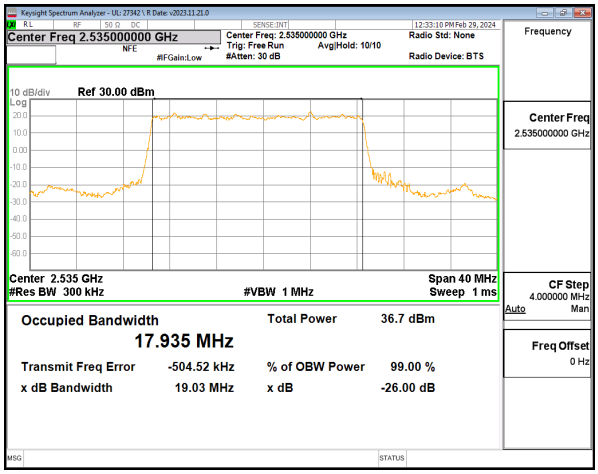
5G NR n7 5MHz BPSK Middle Channel RB25-0



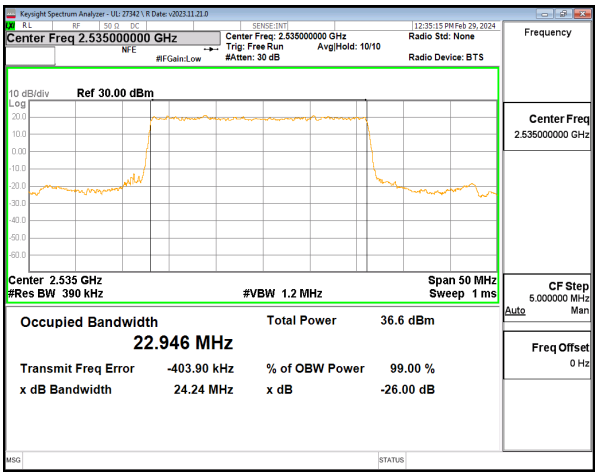
5G NR n7 10MHz BPSK Middle Channel RB50-0



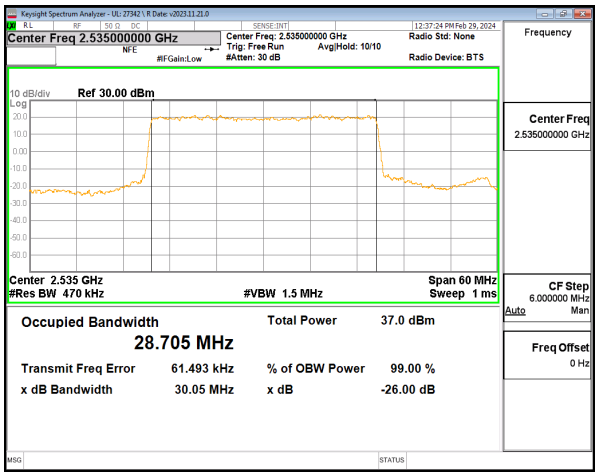
5G NR n7 15MHz BPSK Middle Channel RB75-0



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



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



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

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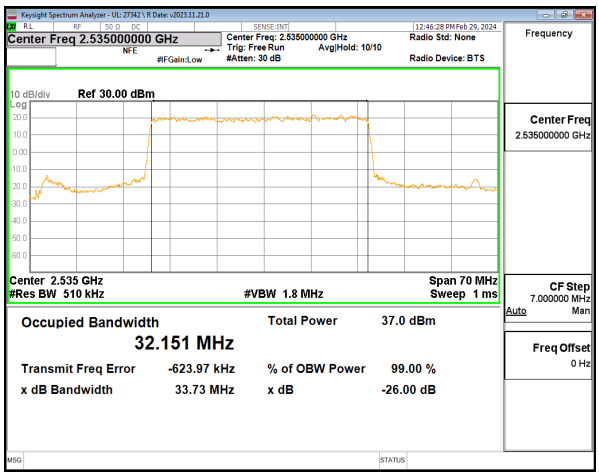
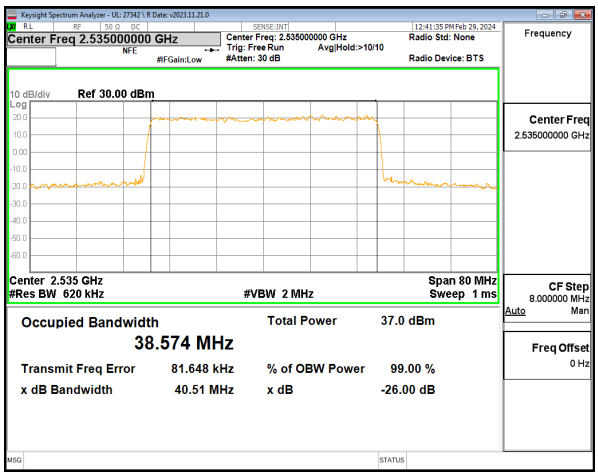
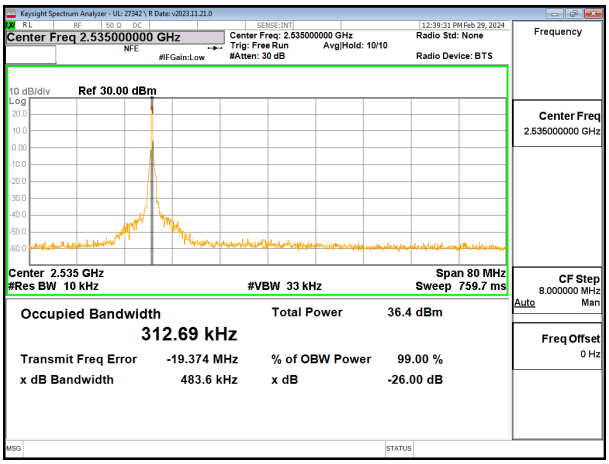


5G NR n7 35MHz BPSK Middle Channel RB180-0



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



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

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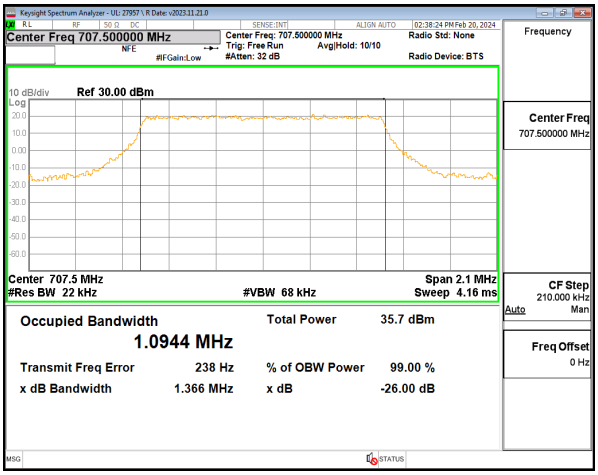
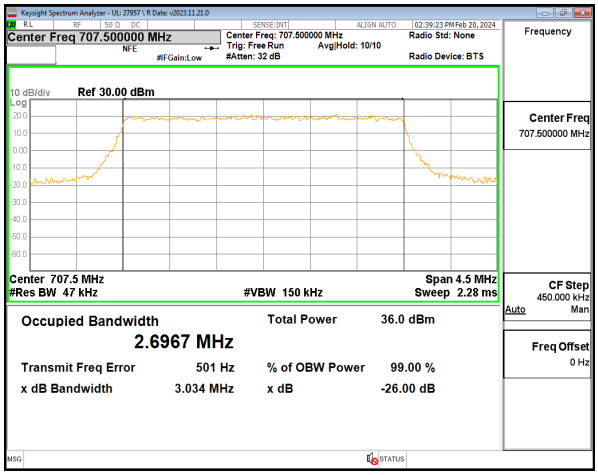
9.1.2. LTE BAND 12 AND 5G NR n12

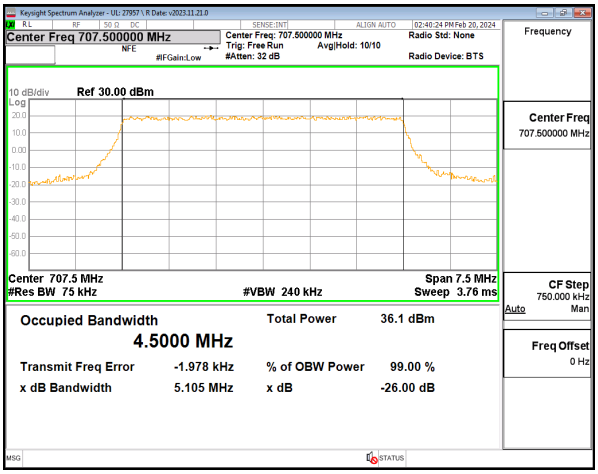
LTE BAND 12



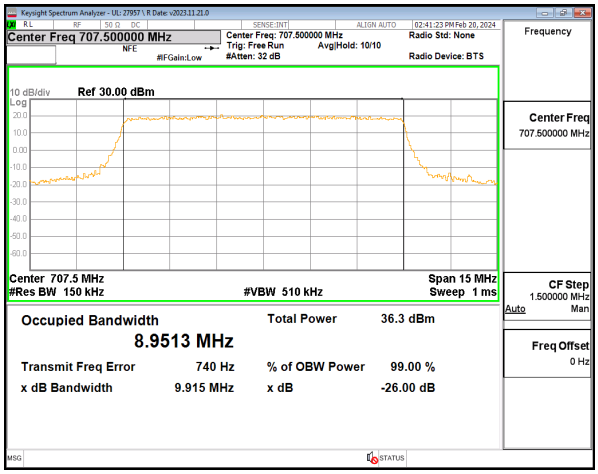
LTE B12 1.4MHz QPSK Middle Channel RB6-0



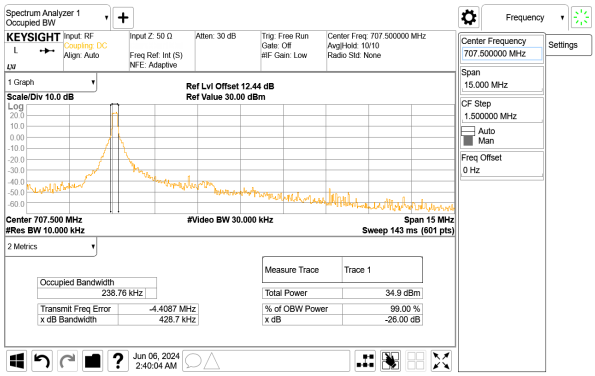
LTE B12 3MHz QPSK Middle Channel RB15-0



LTE B12 5MHz QPSK Middle Channel RB25-0



LTE B12 10MHz QPSK Middle Channel RB50-0



LTE B12 10MHz QPSK Middle Channel RB1-0 ID: 27957

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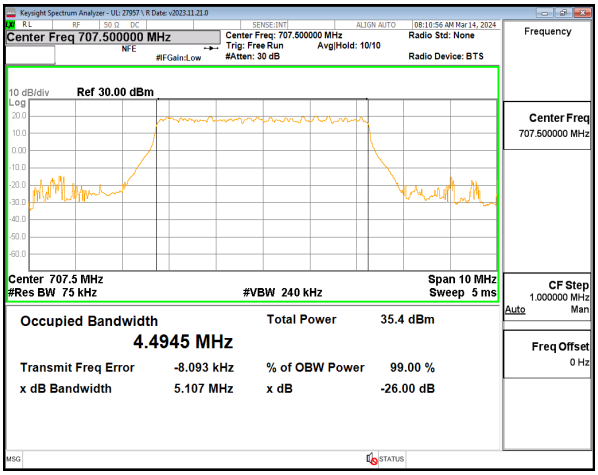
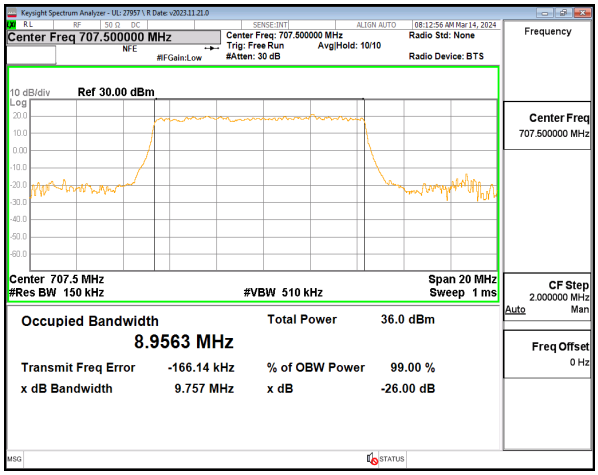
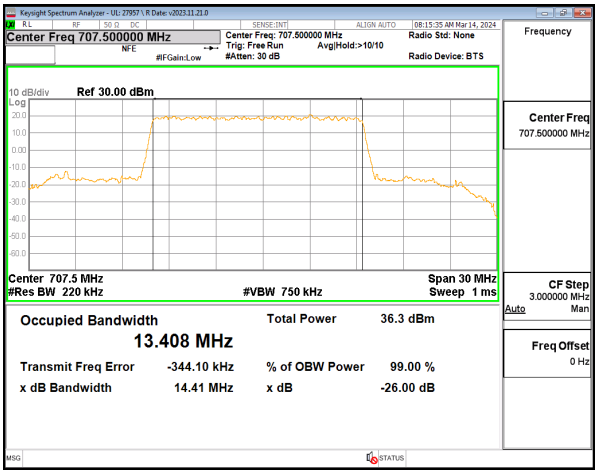
5G NR n12



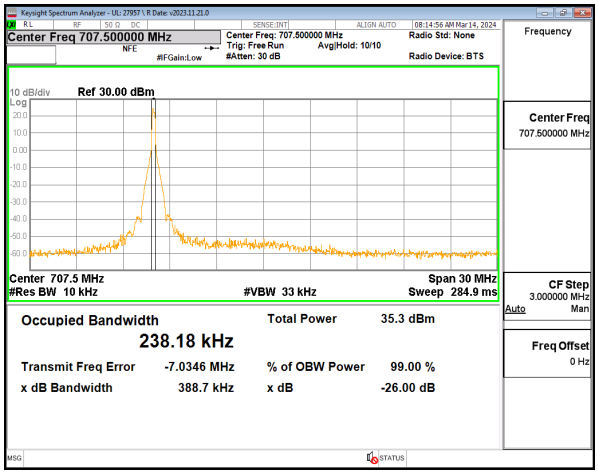
5G NR n12 5MHz BPSK Middle Channel RB25-0



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



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



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

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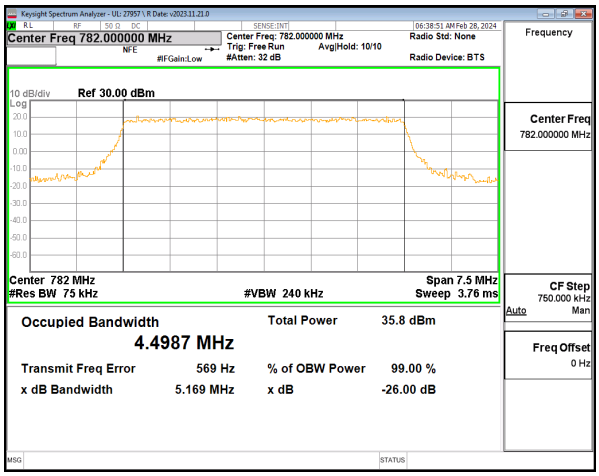
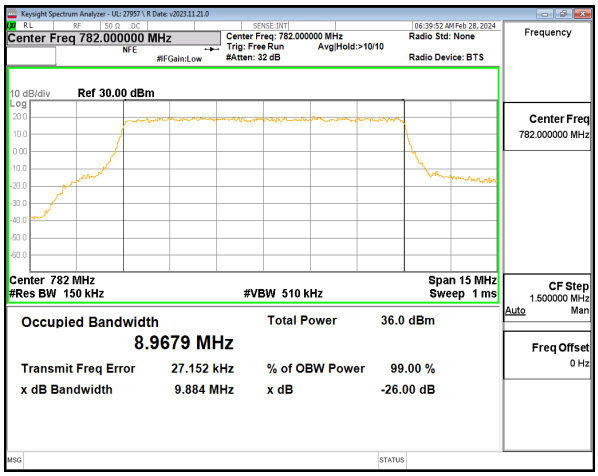
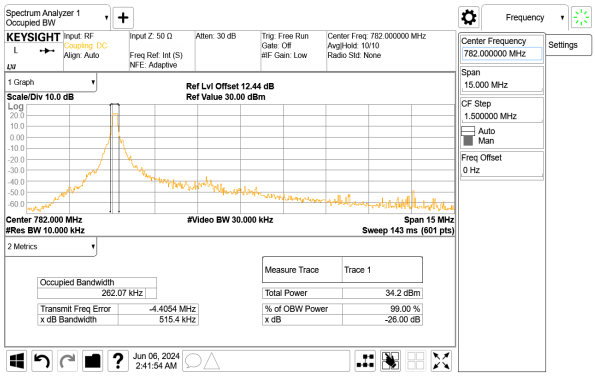
9.1.3. LTE BAND 13



LTE B13 5MHz QPSK Middle Channel RB25-0



LTE B13 10MHz QPSK Middle Channel RB50-0



LTE B13 10MHz QPSK Middle Channel RB1-0 ID: 27957

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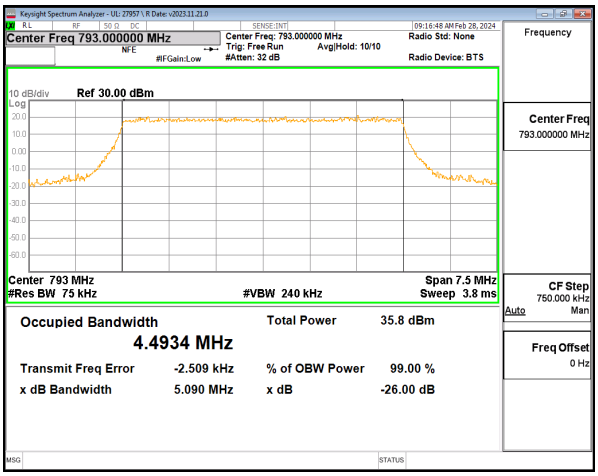
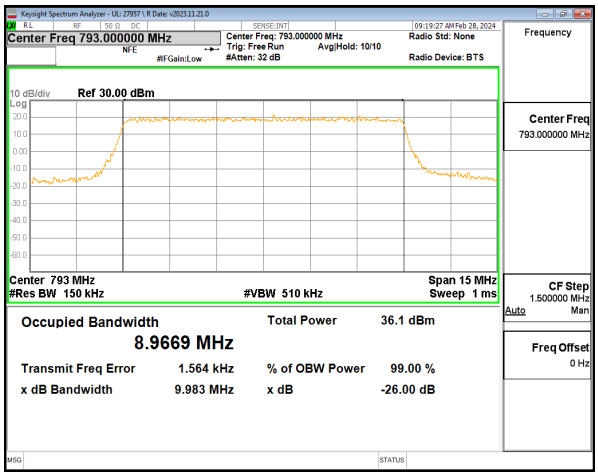
9.1.4. LTE BAND 14 AND 5G NR n14

LTE BAND 14



LTE B14 5MHz QPSK Middle Channel RB25-0



LTE B14 10MHz QPSK Middle Channel RB50-0

LTE B14 10MHz QPSK Middle Channel RB1-0 ID: 27957

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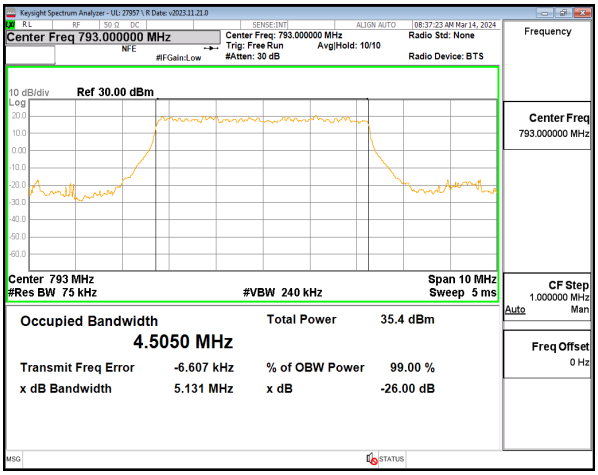
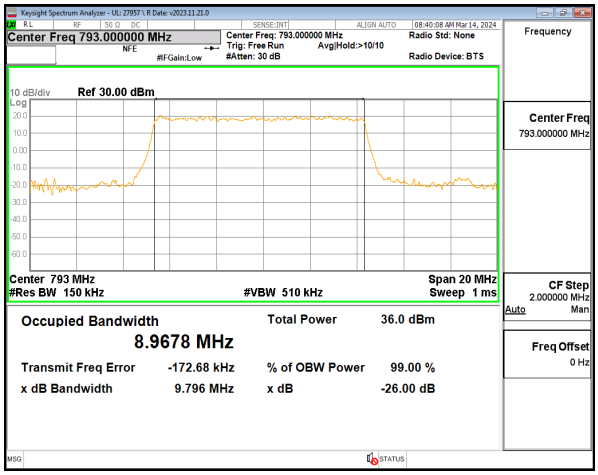
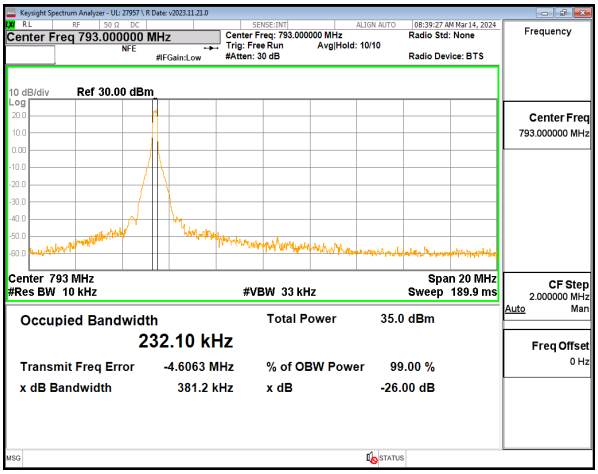
5G NR n14



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

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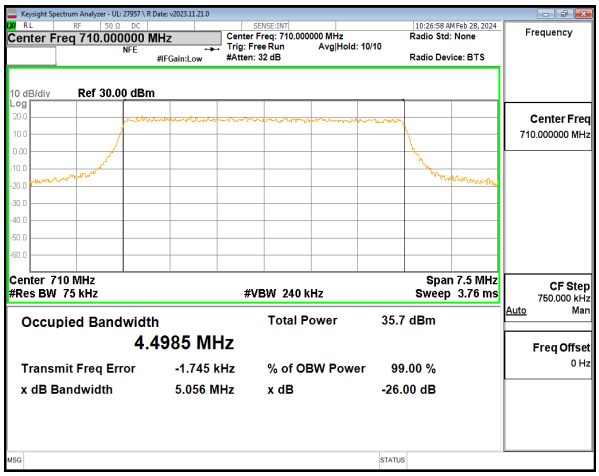
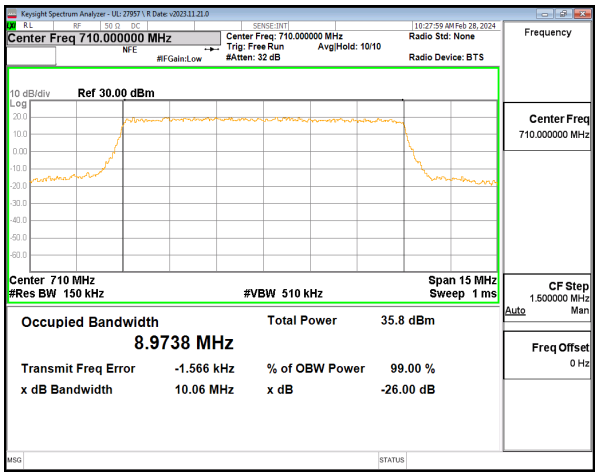
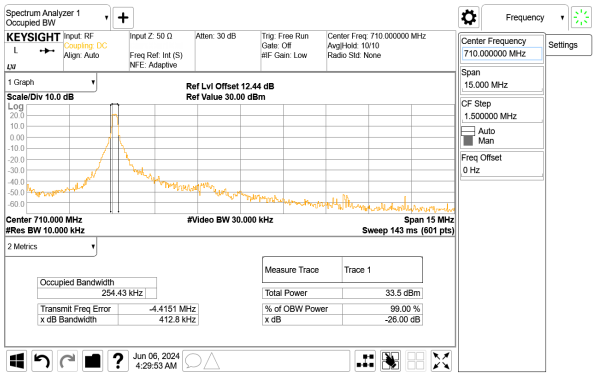
9.1.5. LTE BAND 17



LTE B17 5MHz QPSK Middle Channel RB25-0



LTE B17 10MHz QPSK Middle Channel RB50-0



LTE B17 10MHz QPSK Middle Channel RB1-0 ID: 27957

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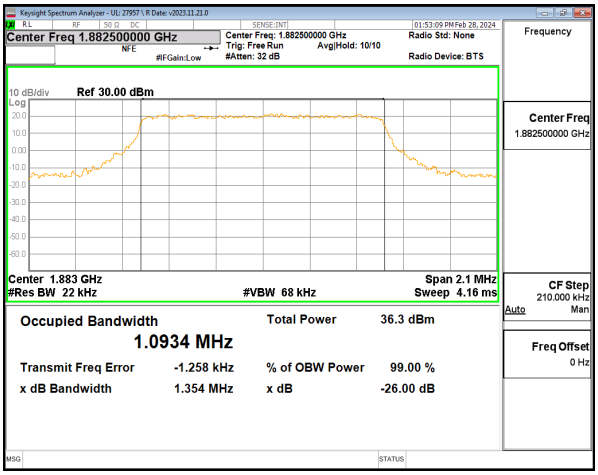
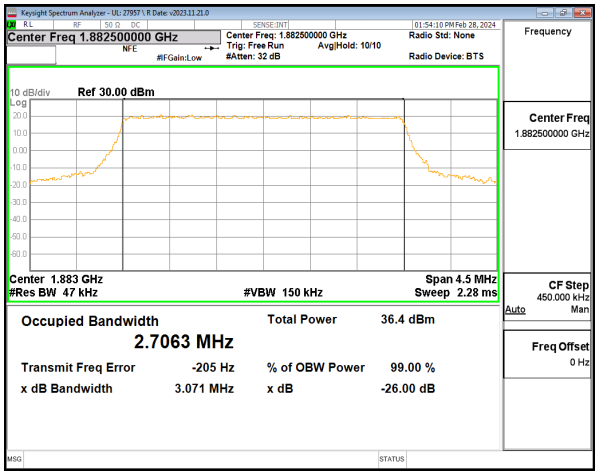
9.1.6. LTE BAND 25 AND 5G NR n25

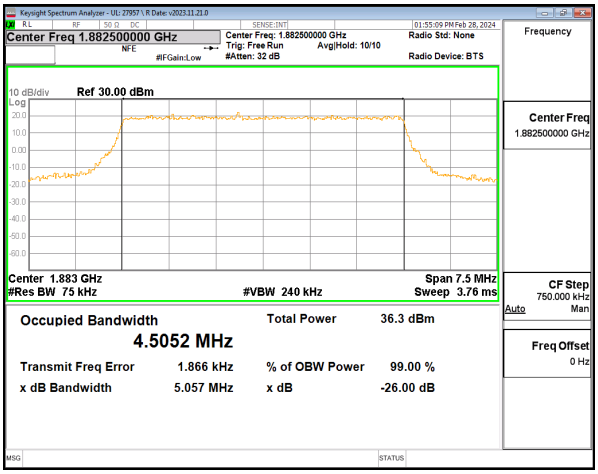
LTE BAND 25



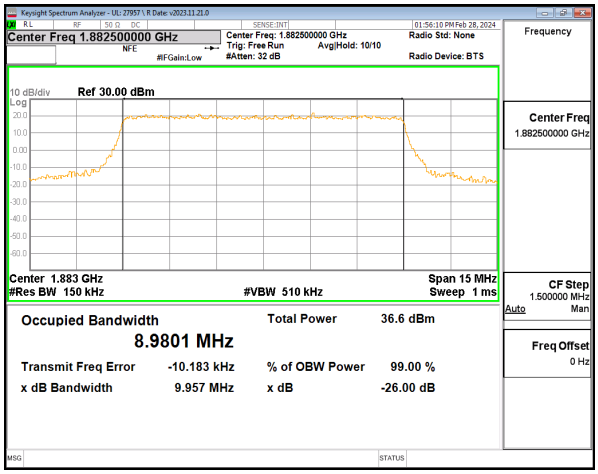
LTE B25 1.4MHz QPSK Middle Channel RB6-0



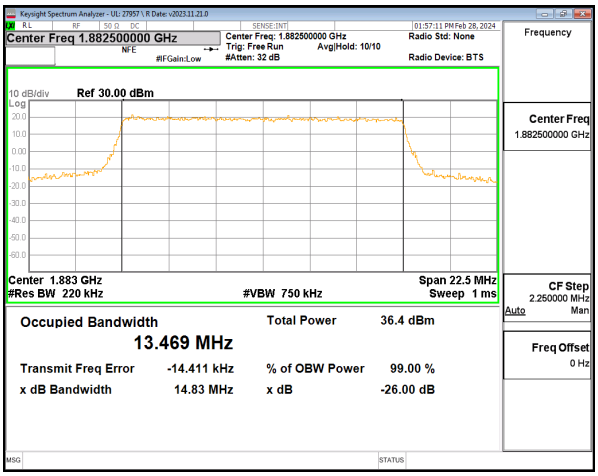
LTE B25 3MHz QPSK Middle Channel RB15-0



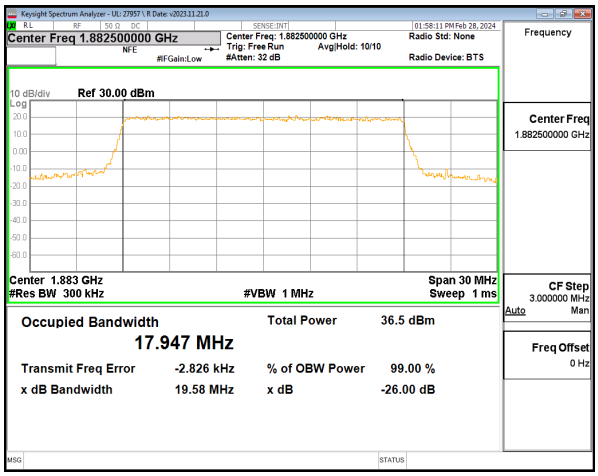
LTE B25 5MHz QPSK Middle Channel RB25-0



LTE B25 10MHz QPSK Middle Channel RB50-0



LTE B25 15MHz QPSK Middle Channel RB75-0



LTE B25 20MHz QPSK Middle Channel RB100-0

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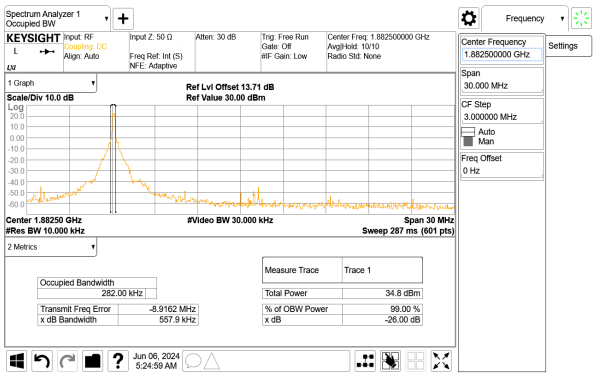

LTE B25 20MHz QPSK Middle Channel RB1-0 ID: 27957

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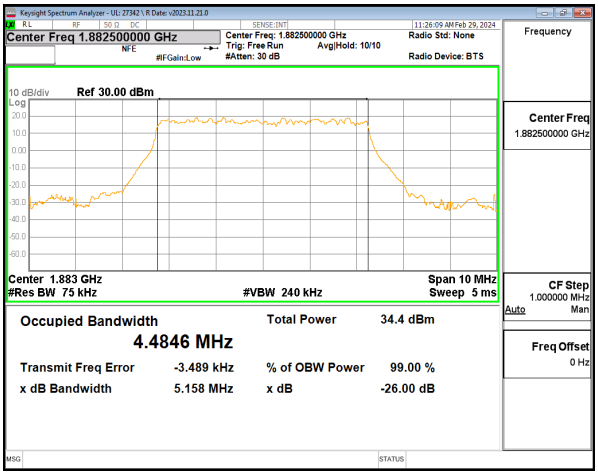
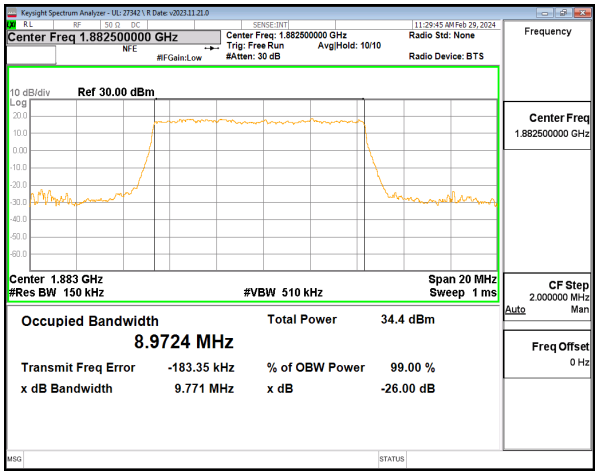
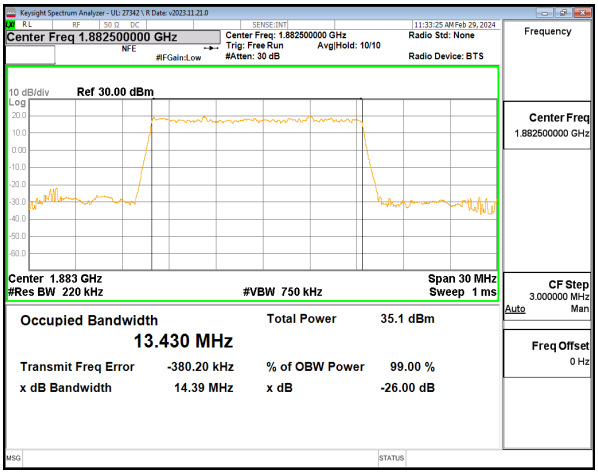
5G NR n25



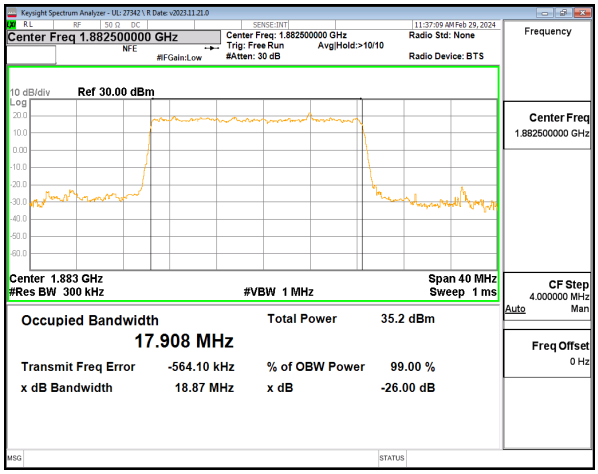
5G NR n25 5MHz BPSK Middle Channel RB25-0



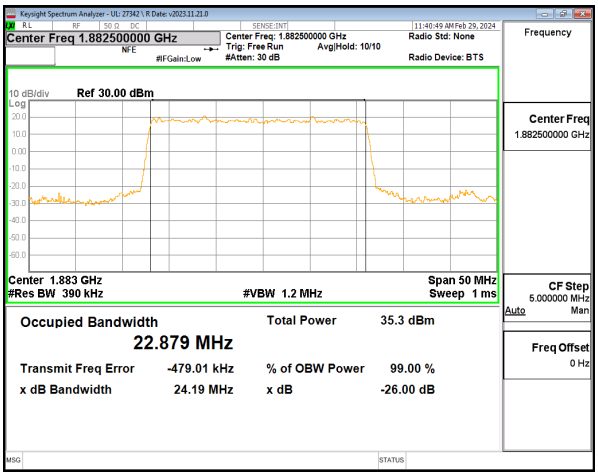
5G NR n25 10MHz BPSK Middle Channel RB50-0



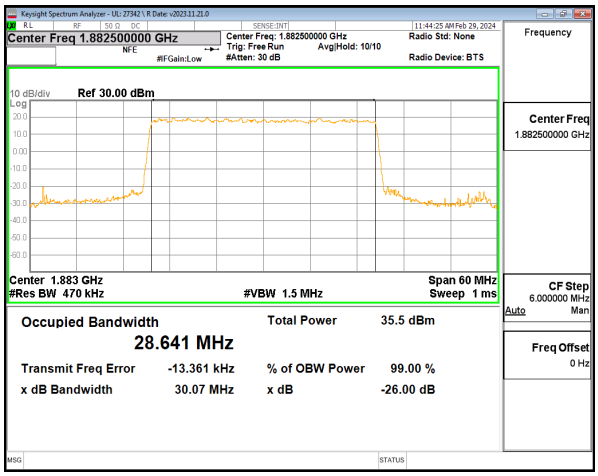
5G NR n25 15MHz BPSK Middle Channel RB75-0



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



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



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

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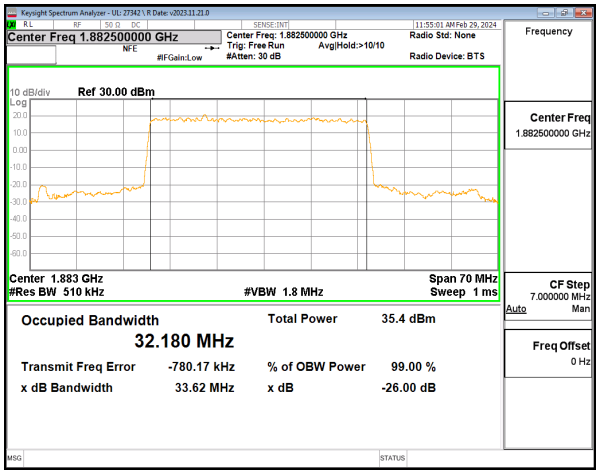
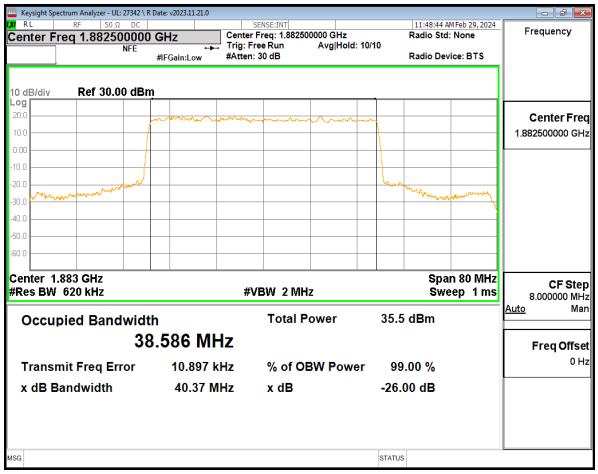
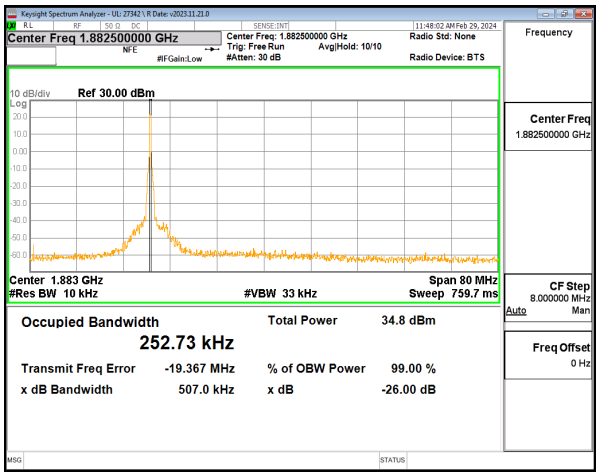


5G NR n25 35MHz BPSK Middle Channel RB180-0



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



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

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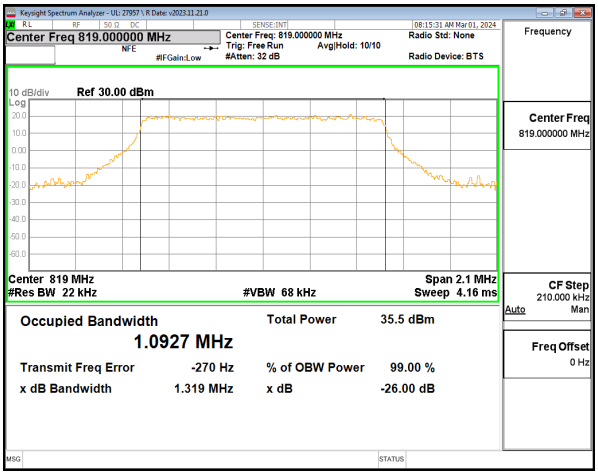
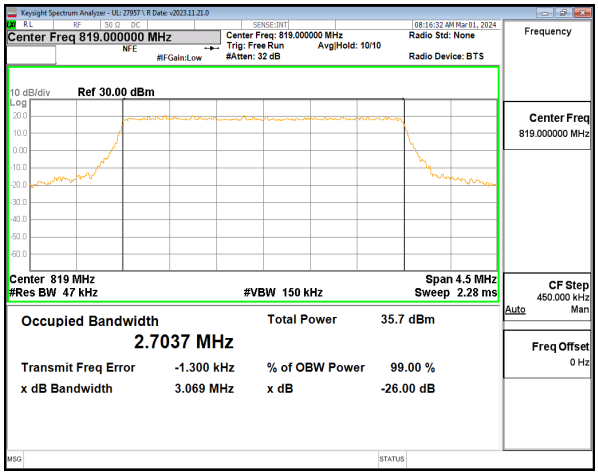
9.1.7. LTE BAND 26 AND 5G NR n26 (FCC PART 90S)

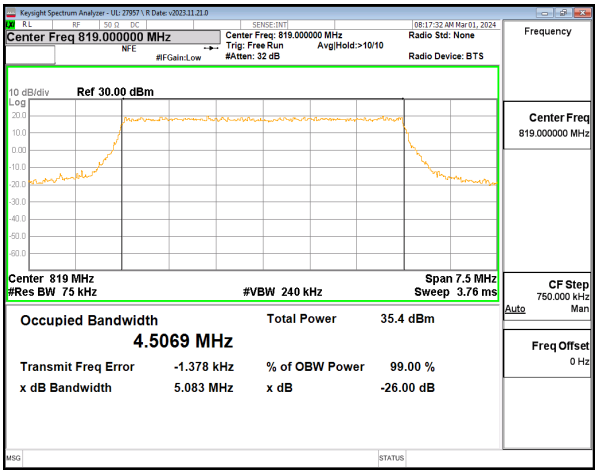
LTE BAND 26



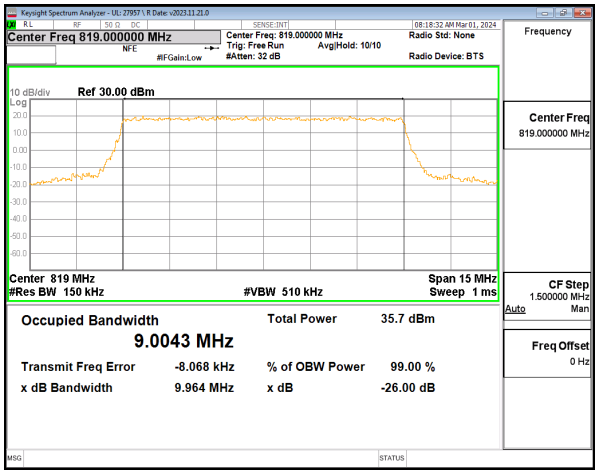
LTE B26 1.4MHz QPSK Middle Channel RB6-0



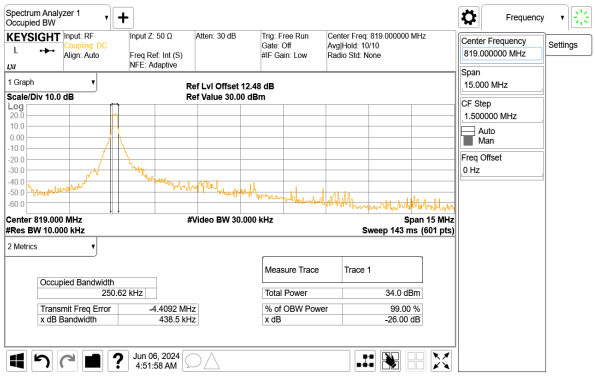
LTE B26 3MHz QPSK Middle Channel RB15-0



LTE B26 5MHz QPSK Middle Channel RB25-0



LTE B26 10MHz QPSK Middle Channel RB50-0



LTE B26 10MHz QPSK Middle Channel RB1-0 ID: 27957

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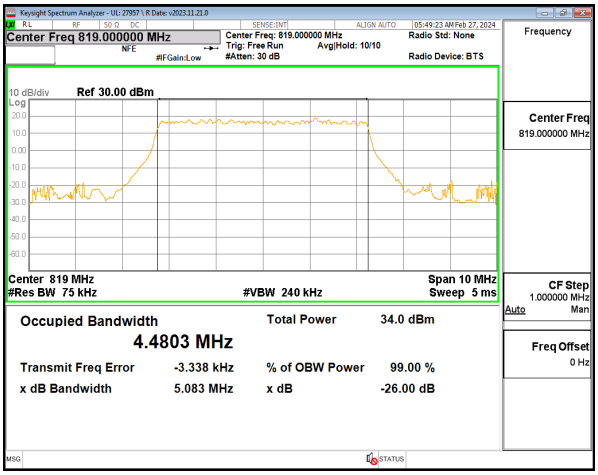
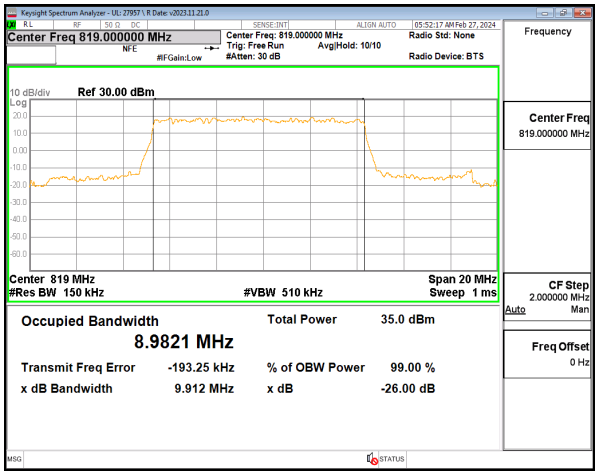
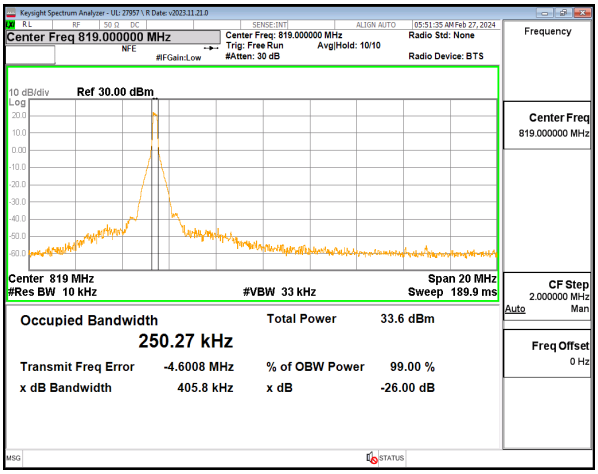
5G NR n26



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

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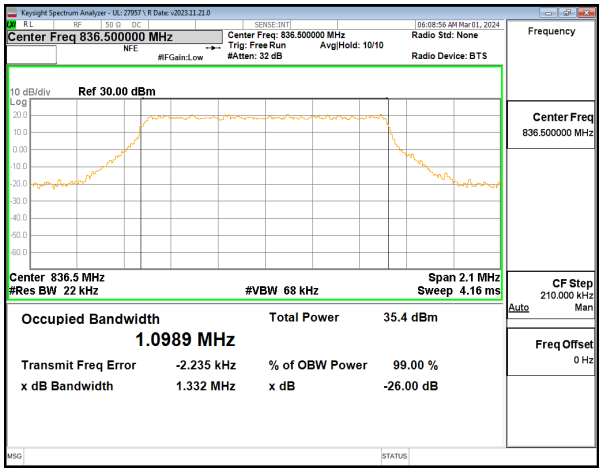
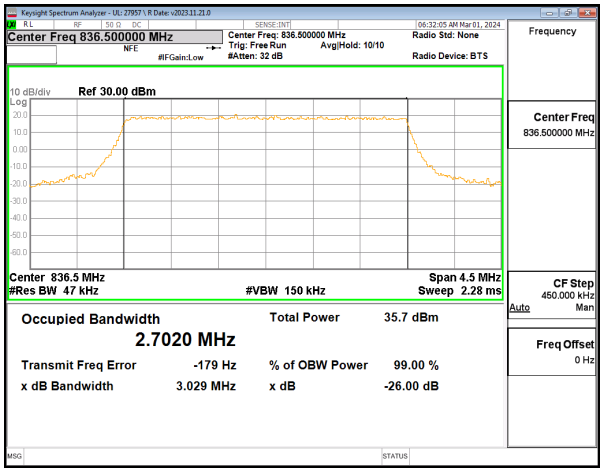
9.1.8. LTE BAND 26 AND 5G NR n26 (FCC PART 22)

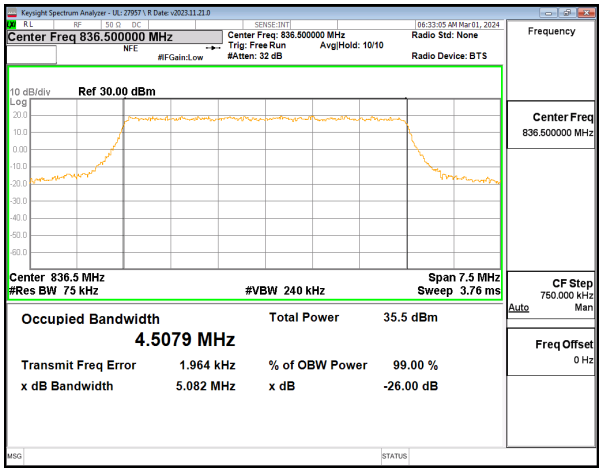
LTE BAND 26



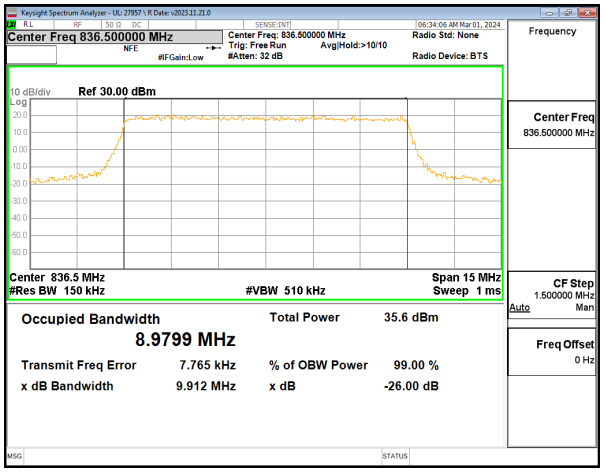
LTE B26 1.4MHz QPSK Middle Channel RB6-0



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

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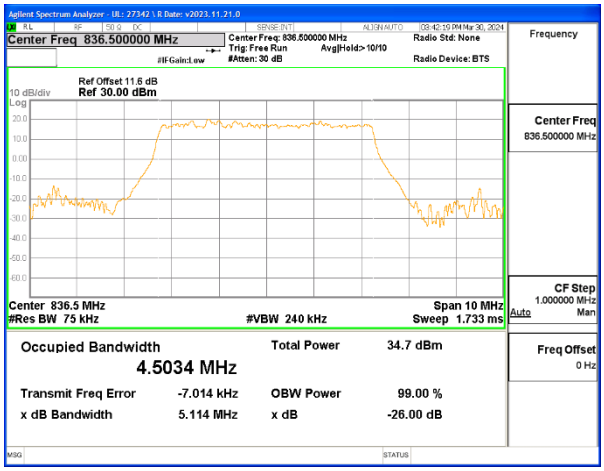
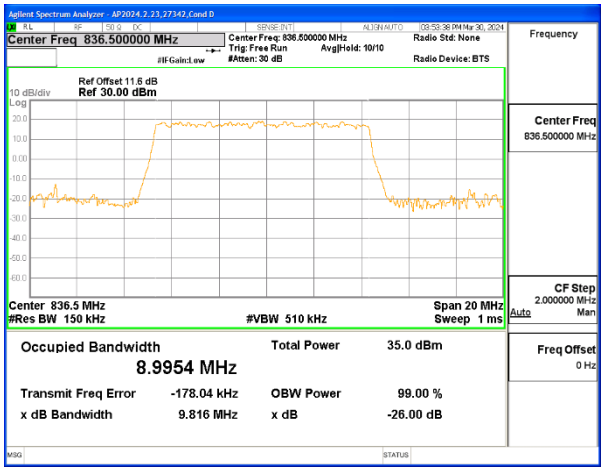
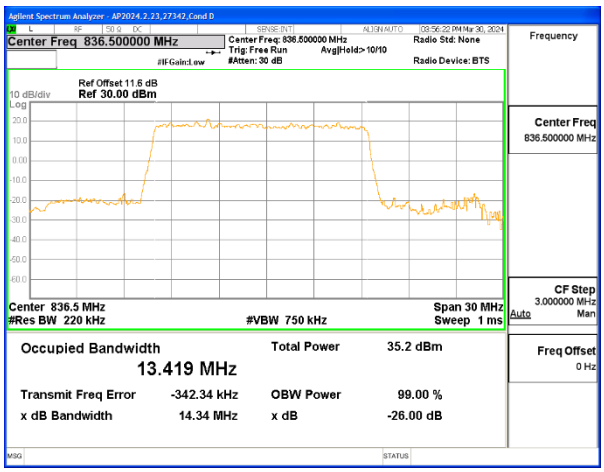
5G NR n26



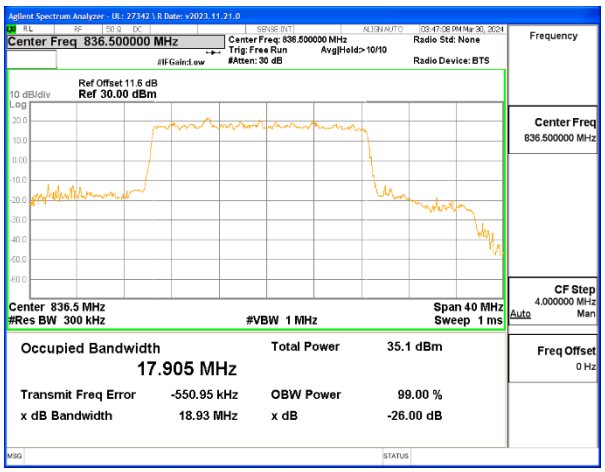
5G NR n26 5MHz BPSK Middle Channel RB25-0



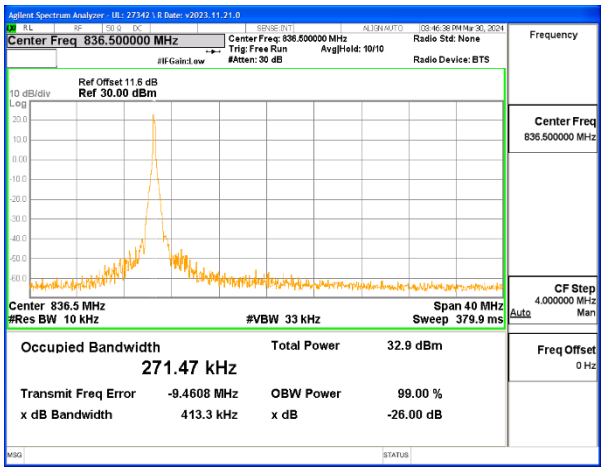
5G NR n26 10MHz BPSK Middle Channel RB50-0



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

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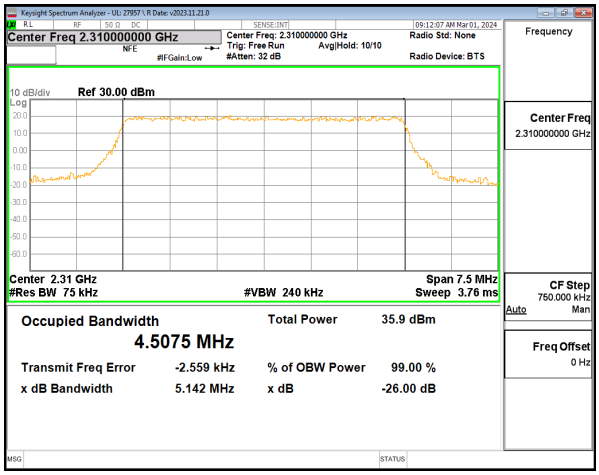
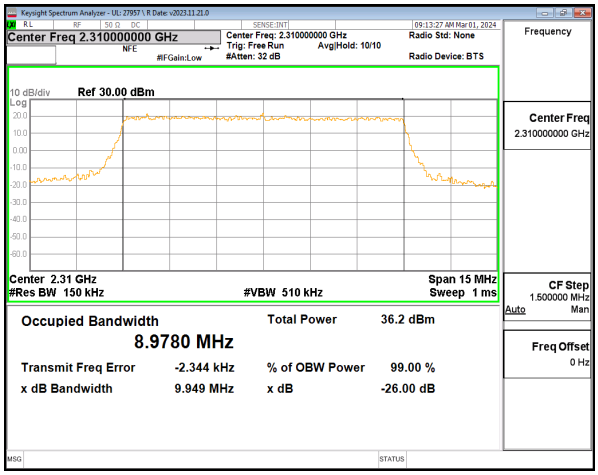
9.1.9. LTE BAND 30 AND 5G NR n30

LTE BAND 30



LTE B30 5MHz QPSK Middle Channel RB25-0



LTE B30 10MHz QPSK Middle Channel RB50-0

LTE B30 10MHz QPSK Middle Channel RB1-0 ID: 27957

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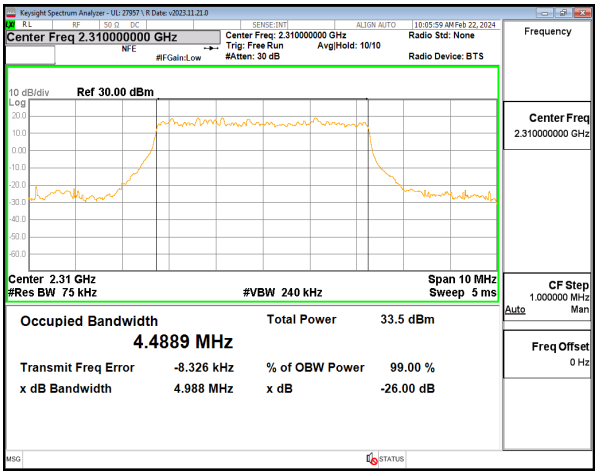
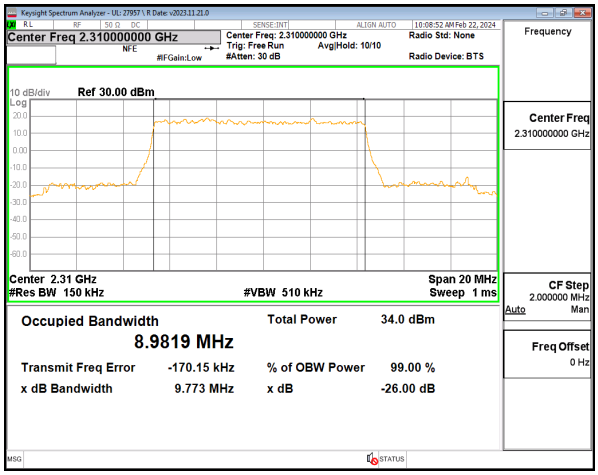
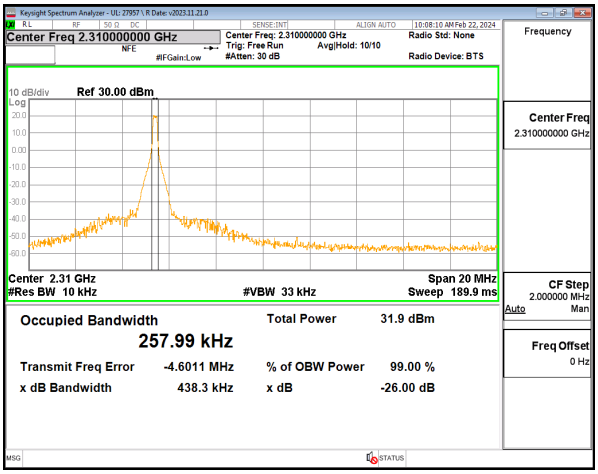
5G NR n30



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

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