TEST REPORT

Report Number: 14982436-E18V6

Applicant	:	APPLE, INC 1 APPLE PARK WAY CUPERTINO, CA 95014, U.S.A.
Model	:	A3083
Brand	:	APPLE
FCC ID	:	BCG-E8666A
EUT Description	:	SMARTPHONE
Test Standard(s)	:	FCC 47 CFR PART 2, PART 22, PART 24, PART 27, AND PART 90

Date Of Issue:
2024-08-26

Prepared by:
UL Verification Services Inc.
47173 Benicia Street
Fremont, CA 94538, U.S.A.
TEL: (510) 319-4000
FAX: (510) 661-0888

CERT #0751.05

Revision History

Rev.	Issue Date	Revisions	Revised By
V1	2024-07-02	Initial Review	--
V2	2024-07-19	Updated Section 1, 2, 3, 8, 9 & 10	Binod Sitaula
V3	2024-07-24	Updated Section 9	Eric Ting
V4	2024-08-02	Updated Section 10	Eric Ting
V5	2024-08-06	Removed B26 15MHz BW	Eric Ting
V6	2024-08-26	Updated Section 9.5.10.	Mengistu Mekuria

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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	A3083
Brand	APPLE
FCC ID	BCG-E8666A
EUT Description	SMARTPHONE
Serial Number	Radiated: QM2WVQQ45T, L73Q9RQC46 Conducted: C07H5N000AB0000FDQ, C07H5R000J20000FDR
Sample Receipt Date	2023-11-14
Date Tested	2016-11-14 to 2024-07-11
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 Staff Engineer 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
Power Spectral Density	2.466
Time Domain Measurements Using SA	3.39
RF Power Measurement Direct Method Using Power Meter	0.450 Peak; 1.300 Ave.
Radio Frequency (Spectrum Analyzer)	141.16 Hz
Occupied Bandwidth	1.22%
Worst Case Conducted Disturbance, 9KHz to 0.15 MHz	3.78 db
Worst Case Conducted Disturbance, 0.15 to 30 MHz	3.40 db
Worst Case Radiated Disturbance, 9KHz to 30 MHz	2.87 db
Worst Case Radiated Disturbance, 30 to 1000 MHz	6.01 db
Worst Case Radiated Disturbance, 1000 to 18000 MHz	4.73 db
Worst Case Radiated Disturbance, 18000 to 26000 MHz	4.51 db
Worst Case Radiated Disturbance, 26000 to 40000 MHz	5.29 db

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

5.4. SAMPLE CALCULATION

RADIATED EMISSIONS

Where relevant, the following sample calculation is provided:
Field Strength (dBuV/m) = Measured Voltage (dBuV) + Antenna Factor (dB/m) + Cable Loss (dB) – Preamp Gain (dB)
36.5 dBuV + 18.7 dB/m + 0.6 dB – 26.9 dB = 28.9 dBuV/m

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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)	0.40

Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (kHz)	Emission Designator
5.0	QPSK	2502.5	2567.5	23.70	24.10	0.257	4497	4M50G7W
	16QAM			23.13	23.53	0.225	4507	4M51D7W
10.0	QPSK	2505.0	2565.0	23.70	24.10	0.257	8989	8M99G7W
	16QAM			23.09	23.49	0.223	8986	8M99D7W
15.0	QPSK	2507.5	2562.5	23.70	24.10	0.257	13496	13M5G7W
	16QAM			23.05	23.45	0.221	13499	13M5D7W
20.0	QPSK	2510.0	2560.0	23.70	24.10	0.257	17952	18M0G7W
	16QAM			23.45	23.85	0.243	17952	18M0D7W

5G NR n7

Part 27	
EIRP Limit (W)	2.00
Antenna Gain (dBi)	0.40

Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (kHz)	Emission Designator
5.0	BPSK	2502.5	2567.5	23.70	24.10	0.257	4487	4M49G7W
	QPSK			23.70	24.10	0.257	4475	4M48G7W
	16QAM			22.85	23.25	0.211	4487	4M49D7W
10.0	BPSK	2505.0	2565.0	23.70	24.10	0.257	8955	8M96G7W
	QPSK			23.61	24.01	0.252	8970	8M97G7W
	16QAM			22.97	23.37	0.217	8962	8M96D7W
15.0	BPSK	2507.5	2562.5	23.70	24.10	0.257	13458	13M5G7W
	QPSK			23.70	24.10	0.257	13438	13M4G7W
	16QAM			22.77	23.17	0.207	13440	13M4D7W
20.0	BPSK	2510.0	2560.0	23.70	24.10	0.257	17895	17M9G7W
	QPSK			23.70	24.10	0.257	17882	17M9G7W
	16QAM			22.93	23.33	0.215	17923	17M9D7W
25.0	BPSK	2512.5	2557.5	23.70	24.10	0.257	22922	22M9G7W
	QPSK			23.70	24.10	0.257	22908	22M9G7W
	16QAM			22.73	23.13	0.206	22849	22M8D7W
30.0	BPSK	2515.0	2555.0	23.70	24.10	0.257	28622	28M6G7W
	QPSK			23.67	24.07	0.255	28614	28M6G7W
	16QAM			22.89	23.29	0.213	28637	28M6D7W
35.0	BPSK	2517.5	2552.5	23.70	24.10	0.257	32152	32M2G7W
	QPSK			23.40	23.80	0.240	32292	32M3G7W
	16QAM			22.94	23.34	0.216	32169	32M2D7W
40.0	BPSK	2520.0	2550.0	23.70	24.10	0.257	38466	38M5G7W
	QPSK			23.65	24.05	0.254	38712	38M7G7W
	16QAM			23.12	23.52	0.225	38617	38M6D7W

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LTE BAND 12

Part 27								
ERP Limit (W)		3.00						
Antenna Gain (dBi)		-5.60						
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	ERP Average (dBm)	ERP Average (W)	99% BW (kHz)	Emission Designator
1.4	QPSK	699.7	715.3	25.70	17.95	0.062	1091	1M09G7W
	16QAM			24.87	17.12	0.052	1093	1M09D7W
3.0	QPSK	700.5	714.5	25.70	17.95	0.062	2699	2M70G7W
	16QAM			24.87	17.12	0.052	2710	2M71D7W
5.0	QPSK	701.5	713.5	25.70	17.95	0.062	4503	4M50G7W
	16QAM			24.92	17.17	0.052	4499	4M50D7W
10.0	QPSK	704.0	711.0	25.70	17.95	0.062	8968	8M97G7W
	16QAM			24.88	17.13	0.052	8975	8M98D7W

5G NR n12

Part 27								
ERP Limit (W)		3.00						
Antenna Gain (dBi)		-5.60						
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	ERP Average (dBm)	ERP Average (W)	99% BW (kHz)	Emission Designator
5.0	BPSK	701.5	713.5	25.70	17.95	0.062	4477	4M48G7W
	QPSK			25.70	17.95	0.062	4482	4M48G7W
	16QAM			25.18	17.43	0.055	4487	4M49D7W
10.0	BPSK	704.0	711.0	25.70	17.95	0.062	8934	8M93G7W
	QPSK			25.70	17.95	0.062	8949	8M95G7W
	16QAM			25.13	17.38	0.055	8945	8M95D7W
15.0	BPSK	706.5	708.5	25.70	17.95	0.062	13387	13M4G7W
	QPSK			25.70	17.95	0.062	13405	13M4G7W
	16QAM			25.17	17.42	0.055	13393	13M4D7W

LTE BAND 13

Part 27								
ERP Limit (W)		3.00						
Antenna Gain (dBi)		-5.40						
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	18.15	0.065	4499	4M50G7W
	16QAM			25.24	17.69	0.059	4499	4M50D7W
10.0	QPSK	782.0	782.0	25.70	18.15	0.065	8968	8M97G7W
	16QAM			25.24	17.69	0.059	8964	8M96D7W

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LTE BAND 14

Part 90R								
ERP Limit (W)		3.00						
Antenna Gain (dBi)		-5.40						
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	18.15	0.065	4507	4M51G7W
	16QAM			25.28	17.73	0.059	4500	4M50D7W
10.0	QPSK	793.0	793.0	25.70	18.15	0.065	8972	8M97G7W
	16QAM			25.15	17.60	0.058	8965	8M97D7W

5G NR n14

Part 90R								
ERP Limit (W)		3.00						
Antenna Gain (dBi)		-5.40						
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	25.66	18.11	0.065	4472	4M47G7W
	QPSK			25.70	18.15	0.065	4478	4M48G7W
	16QAM			25.16	17.61	0.058	4483	4M48D7W
10.0	BPSK	793.0	793.0	25.70	18.15	0.065	8933	8M93G7W
	QPSK			25.67	18.12	0.065	8950	8M95G7W
	16QAM			25.02	17.47	0.056	8955	8M96D7W

LTE BAND 17

Part 27								
ERP Limit (W)		3.00						
Antenna Gain (dBi)		-5.60						
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	ERP Average (dBm)	ERP Average (W)	99% BW (kHz)	Emission Designator
5.0	QPSK	706.5	713.5	25.70	17.95	0.062	4504	4M50G7W
	16QAM			24.85	17.10	0.051	4501	4M50D7W
10.0	QPSK	709.0	711.0	25.70	17.95	0.062	8984	8M98G7W
	16QAM			24.93	17.18	0.052	8962	8M96D7W

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LTE BAND 25

Part 24	
EIRP Limit (W)	2.00
Antenna Gain (dBi)	-2.60

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	22.90	0.195	1096	1M10G7W
	16QAM			24.97	22.37	0.173	1095	1M10D7W
3.0	QPSK	1851.5	1913.5	25.50	22.90	0.195	2706	2M71G7W
	16QAM			24.96	22.36	0.172	2700	2M70D7W
5.0	QPSK	1852.5	1912.5	25.50	22.90	0.195	4508	4M51G7W
	16QAM			25.09	22.49	0.177	4506	4M51D7W
10.0	QPSK	1855.0	1910.0	25.50	22.90	0.195	8976	8M98G7W
	16QAM			24.94	22.34	0.171	9003	9M00D7W
15.0	QPSK	1857.5	1907.5	25.50	22.90	0.195	13455	13M5G7W
	16QAM			24.95	22.35	0.172	13466	13M5D7W
20.0	QPSK	1860.0	1905.0	25.50	22.90	0.195	17922	17M9G7W
	16QAM			25.42	22.82	0.191	17953	18M0D7W

5G NR n25

Part 24	
EIRP Limit (W)	2.00
Antenna Gain (dBi)	-2.60

Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (kHz)	Emission Designator
5.0	BPSK	1852.5	1912.5	25.50	22.90	0.195	4486	4M49G7W
	QPSK			25.50	22.90	0.195	4480	4M48G7W
	16QAM			25.02	22.42	0.175	4481	4M48D7W
10.0	BPSK	1855.0	1910.0	25.50	22.90	0.195	8975	8M98G7W
	QPSK			25.50	22.90	0.195	8972	8M97G7W
	16QAM			25.17	22.57	0.181	8958	8M96D7W
15.0	BPSK	1857.5	1907.5	25.40	22.80	0.191	13452	13M5G7W
	QPSK			25.50	22.90	0.195	13384	13M4G7W
	16QAM			24.91	22.31	0.170	13417	13M4D7W
20.0	BPSK	1860.0	1905.0	25.50	22.90	0.195	18006	18M0G7W
	QPSK			25.50	22.90	0.195	17906	17M9G7W
	16QAM			25.00	22.40	0.174	17890	17M9D7W
25.0	BPSK	1862.5	1902.5	25.50	22.90	0.195	22872	22M9G7W
	QPSK			25.50	22.90	0.195	22920	22M9G7W
	16QAM			24.97	22.37	0.173	22907	22M9D7W
30.0	BPSK	1865.0	1900.0	25.50	22.90	0.195	28582	28M6G7W
	QPSK			25.49	22.89	0.195	28550	28M6G7W
	16QAM			24.93	22.33	0.171	28637	28M6D7W
35.0	BPSK	1867.5	1897.5	25.50	22.90	0.195	32219	32M2G7W
	QPSK			25.50	22.90	0.195	32225	32M2G7W
	16QAM			24.89	22.29	0.169	32143	32M1D7W
40.0	BPSK	1870.0	1895.0	25.50	22.90	0.195	38623	38M6G7W
	QPSK			25.50	22.90	0.195	38557	38M6G7W
	16QAM			25.03	22.43	0.175	38684	38M7D7W

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LTE BAND 26 (FCC Part 90S)

Part 90S	
Conducted Limit (W)	100.00
Antenna Gain (dBi)	-5.90

Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	Conducted Average (W)	ERP Average (dBm)	ERP Average (W)	99% BW (kHz)	Emission Designator
1.4	QPSK	814.7	823.3	25.70	0.37	17.65	0.058	1093	1M09G7W
	16QAM			24.85	0.31	16.80	0.048	1094	1M09D7W
3.0	QPSK	815.5	822.5	25.70	0.37	17.65	0.058	2696	2M70G7W
	16QAM			24.92	0.31	16.87	0.049	2707	2M71D7W
5.0	QPSK	816.5	821.5	25.70	0.37	17.65	0.058	4509	4M51G7W
	16QAM			24.94	0.31	16.89	0.049	4497	4M50D7W
10.0	QPSK	819.0	819.0	25.70	0.37	17.65	0.058	8978	8M98G7W
	16QAM			24.87	0.31	16.82	0.048	8956	8M96D7W

5G NR n26 (FCC Part 90S)

Part 90S	
Conducted Limit (W)	100.00
Antenna Gain (dBi)	-5.90

Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	Conducted Average (W)	ERP Average (dBm)	ERP Average (W)	99% BW (kHz)	Emission Designator
5.0	BPSK	816.5	821.5	25.70	0.37	17.65	0.058	4492	4M49G7W
	QPSK			25.67	0.37	17.62	0.058	4483	4M48G7W
	16QAM			25.34	0.34	17.29	0.054	4495	4M50D7W
10.0	BPSK	819.0	819.0	25.70	0.37	17.65	0.058	8951	8M95G7W
	QPSK			25.61	0.36	17.56	0.057	8962	8M96G7W
	16QAM			25.13	0.33	17.08	0.051	8957	8M96D7W

LTE BAND 26 (FCC Part 22)

Part 22	
ERP Limit (W)	7.00
Antenna Gain (dBi)	-5.90

Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	ERP Average (dBm)	ERP Average (W)	99% BW (kHz)	Emission Designator
1.4	QPSK	824.7	848.3	25.70	17.65	0.058	1.089	1K09G7W
	16QAM			24.88	16.83	0.048	1.091	1K09D7W
3.0	QPSK	825.5	847.5	25.70	17.65	0.058	2.709	2K71G7W
	16QAM			24.93	16.88	0.049	2.703	2K70D7W
5.0	QPSK	826.5	846.5	25.70	17.65	0.058	4.497	4K50G7W
	16QAM			24.85	16.80	0.048	4.502	4K50D7W
10.0	QPSK	829.0	844.0	25.70	17.65	0.058	8.994	8K99G7W
	16QAM			24.84	16.79	0.048	8.989	8K99D7W

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5G NR n26 (FCC Part 22)

Part 22	
ERP Limit (W)	7.00
Antenna Gain (dBi)	-5.90

Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	ERP Average (dBm)	ERP Average (W)	99% BW (kHz)	Emission Designator
5.0	BPSK	826.5	846.5	25.70	17.65	0.058	4495	4M50G7W
	QPSK			25.70	17.65	0.058	4490	4M49G7W
	16QAM			25.06	17.01	0.050	4491	4M49D7W
10.0	BPSK	829.0	844.0	25.70	17.65	0.058	8942	8M94G7W
	QPSK			25.63	17.58	0.057	8938	8M94G7W
	16QAM			25.14	17.09	0.051	8975	8M98D7W
15.0	BPSK	831.5	841.5	25.70	17.65	0.058	13435	13M4G7W
	QPSK			25.67	17.62	0.058	13360	13M4G7W
	16QAM			24.99	16.94	0.049	13434	13M4D7W
20.0	BPSK	834.0	839.0	25.70	17.65	0.058	17828	17M8G7W
	QPSK			25.67	17.62	0.058	17879	17M9G7W
	16QAM			25.02	16.97	0.050	17878	17M9D7W

LTE BAND 30

Part 27	
EIRP Limit (W)	0.25
Antenna Gain (dBi)	-2.10

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	25.30	23.20	0.209	4503	4M50G7W
	16QAM			24.84	22.74	0.188	4504	4M50D7W
10.0	QPSK	2310.0	2310.0	25.30	23.20	0.209	8993	8M99G7W
	16QAM			24.66	22.56	0.180	8996	9M00D7W

5G NR n30

Part 27	
EIRP Limit (W)	0.25
Antenna Gain (dBi)	-2.10

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	25.30	23.20	0.209	4505	4M51G7W
	QPSK			24.90	22.80	0.191	4490	4M49G7W
	16QAM			23.92	21.82	0.152	4478	4M48D7W
10.0	BPSK	2310.0	2310.0	25.30	23.20	0.209	8945	8M95G7W
	QPSK			24.78	22.68	0.185	8969	8M97G7W
	16QAM			23.82	21.72	0.149	8941	8M94D7W

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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	28.70	28.80	0.759	4499	4M50G7W
	16QAM			28.68	28.78	0.755	4494	4M49D7W
10.0	QPSK	2501.0	2685.0	28.70	28.80	0.759	8987	8M99G7W
	16QAM			28.66	28.76	0.752	8960	8M96D7W
15.0	QPSK	2503.5	2682.5	28.70	28.80	0.759	13466	13M5G7W
	16QAM			28.66	28.76	0.752	13433	13M4D7W
20.0	QPSK	2506.0	2680.0	28.70	28.80	0.759	17905	17M9G7W
	16QAM			28.65	28.75	0.750	17979	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	28.80	0.759	8652	8M65G7W
	QPSK			28.17	28.27	0.671	8670	8M67G7W
	16QAM			27.62	27.72	0.592	8627	8M63D7W
15.0	BPSK	2503.5	2682.5	28.70	28.80	0.759	12931	12M9G7W
	QPSK			28.14	28.24	0.667	12886	12M9G7W
	16QAM			27.53	27.63	0.579	13004	13M0D7W
20.0	BPSK	2506.5	2680.0	28.70	28.80	0.759	17928	17M9G7W
	QPSK			28.04	28.14	0.652	17926	17M9G7W
	16QAM			27.52	27.62	0.578	17991	18M0D7W
30.0	BPSK	2511.0	2675.0	28.70	28.80	0.759	27008	27M0G7W
	QPSK			28.15	28.25	0.668	26951	27M0G7W
	16QAM			27.65	27.75	0.596	26883	26M9D7W
40.0	BPSK	2516.0	2670.0	28.70	28.80	0.759	35860	35M9G7W
	QPSK			28.07	28.17	0.656	35848	35M8G7W
	16QAM			27.74	27.84	0.608	35979	36M0D7W
50.0	BPSK	2521.0	2665.0	28.70	28.80	0.759	45817	45M8G7W
	QPSK			28.53	28.63	0.729	45878	45M9G7W
	16QAM			27.58	27.68	0.586	45913	45M9D7W
60.0	BPSK	2526.0	2660.0	28.70	28.80	0.759	58009	58M0G7W
	QPSK			28.62	28.72	0.745	58275	58M3G7W
	16QAM			27.48	27.58	0.573	57940	57M9D7W
70.0	BPSK	2531.0	2655.0	28.70	28.80	0.759	64711	64M7G7W
	QPSK			28.24	28.34	0.682	64462	64M5G7W
	16QAM			27.65	27.75	0.596	64526	64M5D7W
80.0	BPSK	2536.0	2650.0	28.70	28.80	0.759	77408	77M4G7W
	QPSK			28.20	28.30	0.676	77520	77M5G7W
	16QAM			27.64	27.74	0.594	77270	77M3D7W
90.0	BPSK	2541.0	2645.0	28.70	28.80	0.759	86901	86M9G7W
	QPSK			28.06	28.16	0.655	86827	86M8G7W
	16QAM			27.56	27.66	0.583	86915	86M9D7W
100.0	BPSK	2546.0	2640.0	28.70	28.80	0.759	96490	96M5G7W
	QPSK			28.05	28.15	0.653	96553	96M6G7W
	16QAM			27.45	27.55	0.569	95535	95M5D7W

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LTE BAND 66

Part 27	
EIRP Limit (W)	1.00
Antenna Gain (dBi)	-3.20

Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (kHz)	Emission Designator
1.4	QPSK	1710.7	1779.3	25.70	22.50	0.178	1091	1M09G7W
	16QAM			25.11	21.91	0.155	1093	1M09D7W
3.0	QPSK	1711.5	1778.5	25.70	22.50	0.178	2704	2M70G7W
	16QAM			25.16	21.96	0.157	2704	2M70D7W
5.0	QPSK	1712.5	1777.5	25.70	22.50	0.178	4504	4M50G7W
	16QAM			25.27	22.07	0.161	4503	4M50D7W
10.0	QPSK	1715.0	1775.0	25.70	22.50	0.178	8971	8M97G7W
	16QAM			25.19	21.99	0.158	8983	8M98D7W
15.0	QPSK	1717.5	1772.5	25.70	22.50	0.178	13483	13M5G7W
	16QAM			25.14	21.94	0.156	13482	13M5D7W
20.0	QPSK	1720.0	1770.0	25.70	22.50	0.178	17929	17M9G7W
	16QAM			25.36	22.16	0.164	17925	17M9D7W

5G NR n66

Part 27	
EIRP Limit (W)	1.00
Antenna Gain (dBi)	-3.20

Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (kHz)	Emission Designator
5.0	BPSK	1712.5	1777.5	25.68	22.48	0.177	4510	4M51G7W
	QPSK			25.70	22.50	0.178	4493	4M49G7W
	16QAM			25.08	21.88	0.154	4481	4M48D7W
10.0	BPSK	1715.0	1775.0	25.70	22.50	0.178	8927	8M93G7W
	QPSK			25.66	22.46	0.176	8976	8M98G7W
	16QAM			25.30	22.10	0.162	8956	8M96D7W
15.0	BPSK	1717.5	1772.5	25.70	22.50	0.178	13478	13M5G7W
	QPSK			25.70	22.50	0.178	13431	13M4G7W
	16QAM			25.09	21.89	0.155	13421	13M4D7W
20.0	BPSK	1720.0	1770.0	25.70	22.50	0.178	17863	17M9G7W
	QPSK			25.70	22.50	0.178	17903	17M9G7W
	16QAM			25.29	22.09	0.162	17896	17M9D7W
25.0	BPSK	1722.5	1767.5	25.70	22.50	0.178	22914	22M9G7W
	QPSK			25.70	22.50	0.178	22947	22M9G7W
	16QAM			25.20	22.00	0.158	22869	22M9D7W
30.0	BPSK	1725.0	1765.0	25.70	22.50	0.178	28639	28M6G7W
	QPSK			25.70	22.50	0.178	28681	28M7G7W
	16QAM			25.13	21.93	0.156	28514	28M5D7W
35.0	BPSK	1727.5	1767.5	25.70	22.50	0.178	32235	32M2G7W
	QPSK			25.55	22.35	0.172	32232	32M2G7W
	16QAM			25.14	21.94	0.156	32146	32M1D7W
40.0	BPSK	1730.0	1760.0	25.70	22.50	0.178	38587	38M6G7W
	QPSK			25.70	22.50	0.178	38496	38M5G7W
	16QAM			25.44	22.24	0.167	38590	38M6D7W

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5G NR n70

Part 27	
EIRP Limit (W)	1.00
Antenna Gain (dBi)	-3.60

Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (kHz)	Emission Designator
5.0	BPSK	1697.5	1707.5	25.70	22.10	0.162	4477	4M48G7W
	QPSK			25.70	22.10	0.162	4488	4M49G7W
	16QAM			24.68	21.08	0.128	4474	4M47D7W
10.0	BPSK	1700.0	1705.0	25.70	22.10	0.162	8999	9M00G7W
	QPSK			25.70	22.10	0.162	8974	8M97G7W
	16QAM			24.75	21.15	0.130	8981	8M98D7W
15.0	BPSK	1702.5	1702.5	25.58	21.98	0.158	13412	13M4G7W
	QPSK			25.70	22.10	0.162	13505	13M5G7W
	16QAM			24.60	21.00	0.126	13420	13M4D7W

LTE BAND 71

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

Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	ERP Average (dBm)	ERP Average (W)	99% BW (kHz)	Emission Designator
5.0	QPSK	665.5	695.5	25.70	17.65	0.058	4488	4M49G7W
	16QAM			25.15	17.10	0.051	4495	4M50D7W
10.0	QPSK	668.0	693.0	25.70	17.65	0.058	8960	8M96G7W
	16QAM			25.20	17.15	0.052	8978	8M98D7W
15.0	QPSK	670.5	690.5	25.70	17.65	0.058	13469	13M5G7W
	16QAM			25.19	17.14	0.052	13427	13M4D7W
20.0	QPSK	673.0	688.0	25.70	17.65	0.058	17899	17M9G7W
	16QAM			25.42	17.37	0.055	17919	17M9D7W

5G NR n71

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

Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	ERP Average (dBm)	ERP Average (W)	99% BW (kHz)	Emission Designator
5.0	BPSK	665.5	695.5	25.70	17.65	0.058	4494	4M49G7W
	QPSK			25.70	17.65	0.058	4486	4M49G7W
	16QAM			25.07	17.02	0.050	4466	4M47D7W
10.0	BPSK	668.0	693.0	25.70	17.65	0.058	8941	8M94G7W
	QPSK			25.70	17.65	0.058	8925	8M93G7W
	16QAM			25.33	17.28	0.053	8929	8M93D7W
15.0	BPSK	670.5	690.5	25.70	17.65	0.058	13399	13M4D7W
	QPSK			25.70	17.65	0.058	13439	13M4D7W
	16QAM			25.01	16.96	0.050	13440	13M4D7W
20.0	BPSK	673.0	688.0	25.58	17.53	0.057	17874	17M9G7W
	QPSK			25.70	17.65	0.058	17844	17M8G7W
	16QAM			25.27	17.22	0.053	17905	17M9D7W

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

Part 27	
EIRP Limit (W)	1.00
Antenna Gain (dBi)	-0.60

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	28.68	28.08	0.643	8607	8M61G7W
	QPSK			28.70	28.10	0.646	8637	8M64G7W
	16QAM			27.94	27.34	0.542	8619	8M62D7W
15.0	BPSK	3457.5	3542.5	28.69	28.09	0.644	12957	13M0G7W
	QPSK			28.70	28.10	0.646	12916	12M9G7W
	16QAM			27.94	27.34	0.542	12909	12M9D7W
20.0	BPSK	3460.0	3540.0	28.70	28.10	0.646	17874	17M9G7W
	QPSK			28.70	28.10	0.646	17972	18M0G7W
	16QAM			27.93	27.33	0.541	17891	17M9D7W
30.0	BPSK	3465.0	3535.0	28.70	28.10	0.646	26851	26M9G7W
	QPSK			28.70	28.10	0.646	26731	26M7G7W
	16QAM			27.93	27.33	0.541	26912	26M9D7W
40.0	BPSK	3470.0	3530.0	28.70	28.10	0.646	35786	35M8G7W
	QPSK			28.70	28.10	0.646	35935	35M9G7W
	16QAM			27.88	27.28	0.535	35770	35M8D7W
50.0	BPSK	3475.0	3525.0	28.70	28.10	0.646	45852	45M9G7W
	QPSK			28.70	28.10	0.646	45634	45M6G7W
	16QAM			27.85	27.25	0.531	45676	45M7D7W
60.0	BPSK	3480.0	3520.0	28.70	28.10	0.646	58002	58M0G7W
	QPSK			28.70	28.10	0.646	57801	57M8G7W
	16QAM			28.05	27.45	0.556	57848	57M8D7W
70.0	BPSK	3485.0	3515.0	28.70	28.10	0.646	64347	64M3G7W
	QPSK			28.70	28.10	0.646	64301	64M3G7W
	16QAM			27.97	27.37	0.546	64397	64M4D7W
80.0	BPSK	3490.0	3510.0	28.70	28.10	0.646	77048	77M0G7W
	QPSK			28.70	28.10	0.646	77255	77M3G7W
	16QAM			27.70	27.10	0.513	77177	77M2D7W
90.0	BPSK	3495.0	3505.0	28.70	28.10	0.646	86755	86M8G7W
	QPSK			28.70	28.10	0.646	86803	86M8G7W
	16QAM			28.34	27.74	0.594	86716	86M7D7W
100.0	BPSK	3500.0	3500.0	28.70	28.10	0.646	96318	96M3G7W
	QPSK			28.54	27.94	0.622	96466	96M5G7W
	16QAM			27.97	27.37	0.546	96317	96M3D7W

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

Part 27	
EIRP Limit (W)	1.00
Antenna Gain (dBi)	-2.90

Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (kHz)	Emission Designator
10.0	BPSK	3705.0	3975.0	28.70	25.80	0.380	8608	8M61G7W
	QPSK			28.70	25.80	0.380	8572	8M57G7W
	16QAM			28.56	25.66	0.368	8648	8M65D7W
15.0	BPSK	3707.5	3972.5	28.70	25.80	0.380	12910	12M9G7W
	QPSK			28.63	25.73	0.374	12899	12M9G7W
	16QAM			28.70	25.80	0.380	12864	12M9D7W
20.0	BPSK	3710.0	3970.0	28.70	25.80	0.380	17877	17M9G7W
	QPSK			28.67	25.77	0.378	17821	17M8G7W
	16QAM			28.43	25.53	0.357	17897	17M9D7W
30.0	BPSK	3715.0	3965.0	28.70	25.80	0.380	26850	26M9G7W
	QPSK			28.70	25.80	0.380	26793	26M8G7W
	16QAM			28.47	25.57	0.361	26683	26M7D7W
40.0	BPSK	3720.0	3960.0	28.70	25.80	0.380	35957	36M0G7W
	QPSK			28.70	25.80	0.380	35674	35M7G7W
	16QAM			28.43	25.53	0.357	35722	35M7D7W
50.0	BPSK	3725.0	3955.0	28.70	25.80	0.380	45781	45M8G7W
	QPSK			28.70	25.80	0.380	45686	45M7G7W
	16QAM			28.59	25.69	0.371	45555	45M6D7W
60.0	BPSK	3730.0	3950.0	28.70	25.80	0.380	57807	57M8G7W
	QPSK			28.67	25.77	0.378	57877	57M9G7W
	16QAM			28.46	25.56	0.360	57829	57M8D7W
70.0	BPSK	3735.0	3945.0	28.70	25.80	0.380	64297	64M3G7W
	QPSK			28.70	25.80	0.380	64364	64M4G7W
	16QAM			28.40	25.50	0.355	64169	64M2D7W
80.0	BPSK	3740.0	3940.0	28.70	25.80	0.380	77045	77M0G7W
	QPSK			28.67	25.77	0.378	77031	77M0G7W
	16QAM			28.64	25.74	0.375	77263	77M3D7W
90.0	BPSK	3745.0	3935.0	28.70	25.80	0.380	86772	86M8G7W
	QPSK			28.70	25.80	0.380	86739	86M7G7W
	16QAM			28.41	25.51	0.356	86781	86M8D7W
100.0	BPSK	3750.0	3930.0	28.70	25.80	0.380	96302	96M3G7W
	QPSK			28.70	25.80	0.380	96591	96M6G7W
	16QAM			28.70	25.80	0.380	96338	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, as provided by the manufacturer' are as follows:

LTE AND 5G NR 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	-5.9	-7.0					
LTE Band 7, 5G NR n7	2500 – 2570	-3.2	0.4	-1.9	-0.2			
LTE Band 12, 5G NR n12	699 – 716	-5.6	-7.2					
LTE Band 13	777 – 787	-5.4	-6.9					
LTE Band 14, 5G NR n14	788 – 798	-5.4	-6.9					
LTE Band 17	704 – 716	-5.6	-7.2					
LTE Band 25, 5G NR n25	1850 – 1915	-5.3	-2.7	-2.6	-1.0			
LTE Band 26, 5G NR n26	814 – 849	-5.9	-7.0	N/A	N/A			
LTE Band 30, 5G NR n30	2305 – 2315	-5.1	-1.9	-2.1	-0.9			
LTE Band 41, 5G NR n41	2496 – 2690	-2.4	0.1	-1.1	-0.4			
LTE Band 66, 5G NR n66	1710 – 1780	-4.5	-3.6	-3.2	-4.6			
5G NR n70	1695 – 1710	-3.7	-3.6	-4.1	-4.4			
LTE Band 71, 5G NR n71	663 – 698	-5.9	-8.1	N/A	N/A			
5G NR n77	3450 – 3550				-4.5	-1.0	-3.1	-0.6
5G NR n77	3700 – 3980				-4.6	-3.5	-6.0	-2.9

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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 7 and 5G NR n7	Ant 1
LTE BAND 12 and 5G NR n12	
LTE BAND 13	
LTE BAND 14 and 5G NR n14	
LTE Band 17	
LTE BAND 25 and 5G NR n25	
LTE BAND 26 and 5G NR n26	
LTE BAND 30 and 5G NR n30	
LTE BAND 41	
LTE BAND 66 and 5G NR n66	
5G NR n70	
LTE BAND 71 and 5G NR n71	
5G NR n41	Ant 2
5G NR n77	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	X	N/A	N/A	N/A	N/A	N/A
1710 – 1915 MHz	Y	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	X	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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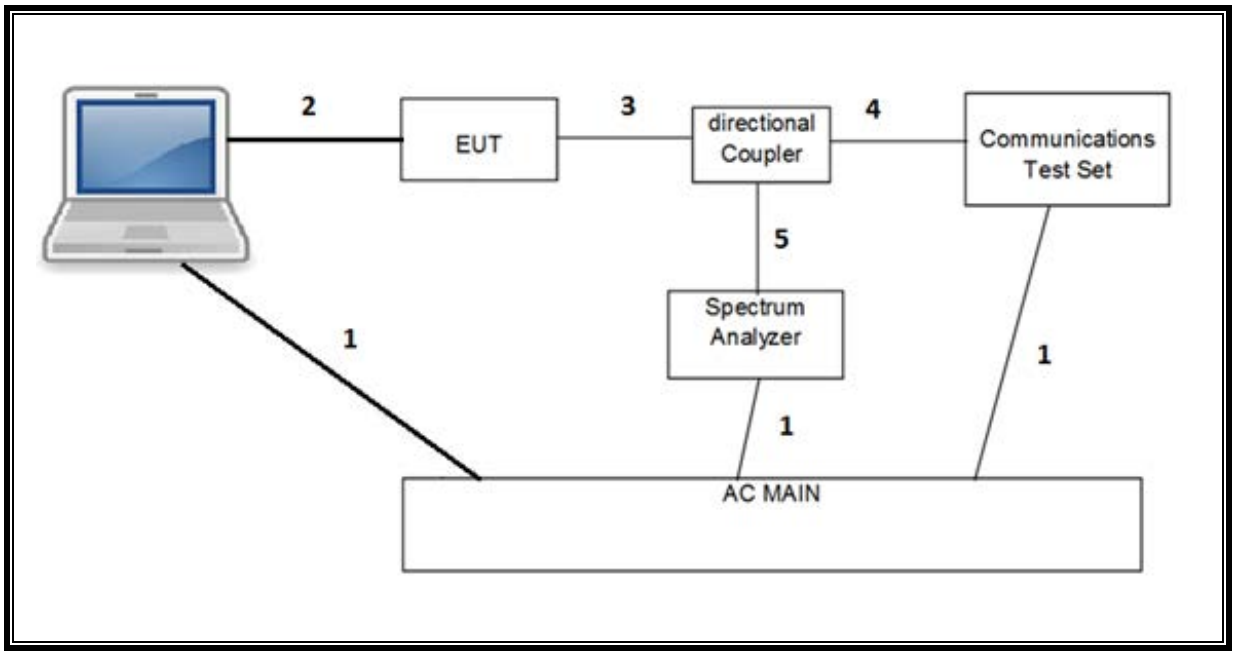
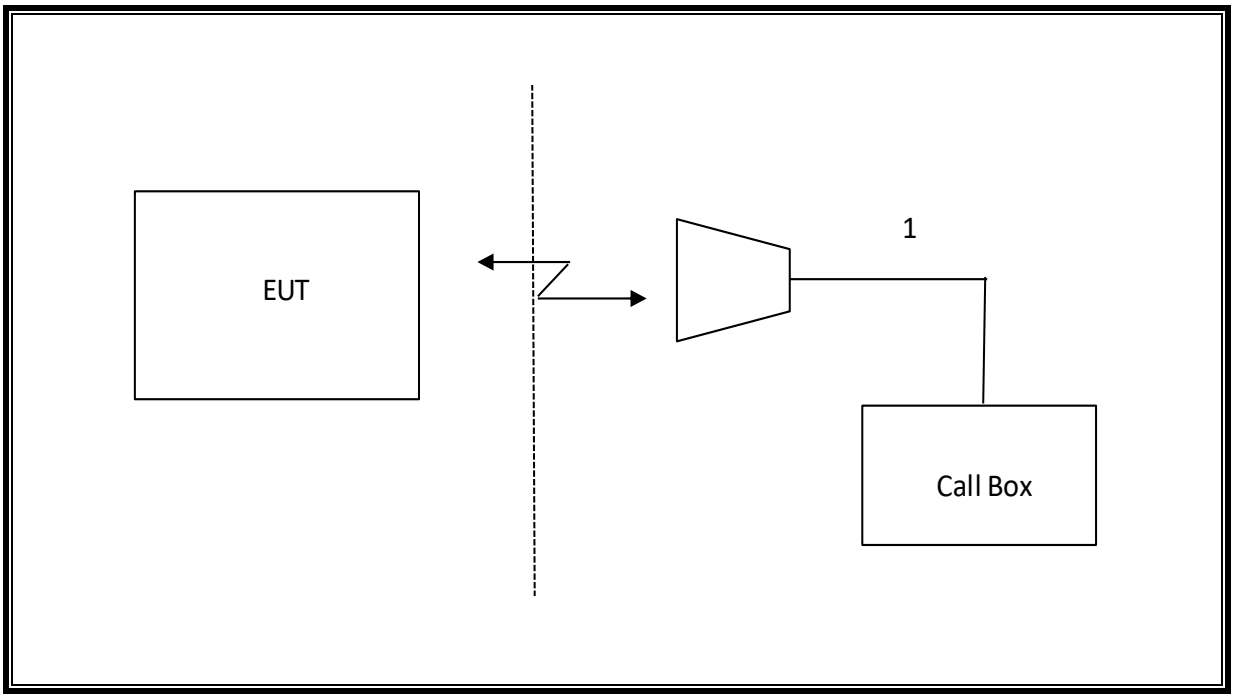
CONDUCTED SETUP



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:	2023-11-15

OUTPUT POWER FOR LTE BAND 7 (5.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				20775	21100	21425	20775	21100	21425	20775	21100	21425	20775	21100	21425
				2502.5	2535.0	2567.5	2502.5	2535.0	2567.5	2502.5	2535.0	2567.5	2502.5	2535.0	2567.5
5.0	QPSK	1	0	25.63	25.58	25.57	23.59	23.59	23.63	25.08	25.22	25.23	22.53	22.63	22.59
		1	12	**25.70**	**25.70**	**25.70**	**23.70**	**23.70**	**23.70**	**25.30**	**25.30**	**25.30**	**22.70**	**22.70**	**22.70**
		1	24	25.62	25.61	25.56	23.61	23.58	23.58	25.26	25.20	25.23	22.67	22.62	22.59
		12	0	24.99	24.85	24.91	22.60	22.64	22.62	24.16	24.23	24.17	21.63	21.65	21.63
		12	6	25.01	24.99	24.98	22.64	22.68	22.66	24.25	24.26	24.28	21.74	21.70	21.69
		12	11	25.00	24.96	24.94	22.63	22.59	22.64	24.25	24.24	24.30	21.74	21.65	21.66
		25	0	24.96	24.86	24.93	22.64	22.66	22.63	24.20	24.24	24.27	21.70	21.66	21.63
	16QAM	1	0	25.17	25.05	25.02	22.90	23.04	22.98	24.48	24.63	24.56	21.75	21.76	21.78
		1	12	**25.29**	25.17	25.09	23.11	**23.13**	23.11	24.65	24.65	24.68	21.90	**21.92**	21.89
		1	24	25.18	25.06	25.02	22.99	23.01	22.95	**24.69**	24.58	24.61	21.85	21.83	21.84
		12	0	24.07	23.83	23.92	21.71	21.73	21.63	23.16	23.15	23.22	20.79	20.66	20.63
		12	6	24.13	23.96	23.94	21.76	21.81	21.69	23.11	23.26	23.35	20.88	20.70	20.69
		12	11	24.09	23.92	23.92	21.75	21.71	21.65	23.31	23.15	23.27	20.85	20.69	20.66
		25	0	23.98	23.87	23.94	21.73	21.65	21.64	23.25	23.23	23.26	20.74	20.67	20.67
	64QAM	1	0	24.26	24.15	24.15	22.66	22.68	22.56	23.02	23.06	23.13	20.84	20.90	20.85
		1	12	**24.34**	24.21	24.27	22.58	**22.69**	22.56	23.26	23.20	23.24	20.93	20.84	20.87
		1	24	24.23	24.18	24.24	22.64	22.64	22.53	**23.31**	23.12	23.27	**20.99**	20.82	20.88
		12	0	22.96	22.92	22.94	21.40	21.52	21.47	21.89	21.99	21.98	19.74	19.68	19.64
		12	6	23.04	23.06	22.97	21.45	21.55	21.51	22.00	21.98	22.09	19.82	19.69	19.68
		12	11	22.99	23.01	22.96	21.45	21.45	21.47	21.96	21.93	22.06	19.82	19.67	19.68
		25	0	23.01	22.84	22.95	21.45	21.46	21.50	21.90	21.92	22.06	19.71	19.68	19.65
	256QAM	1	0	21.11	21.00	21.06	19.52	19.53	19.57	19.92	19.97	20.04	17.70	17.72	17.68
		1	12	**21.18**	21.16	21.12	19.58	19.63	**19.68**	20.03	20.10	20.13	**17.91**	17.77	17.74
		1	24	21.12	21.03	21.07	19.49	19.47	19.52	19.97	19.96	**20.16**	17.86	17.67	17.71
		12	0	20.95	20.84	20.91	19.44	19.48	19.47	19.87	19.95	19.99	17.69	17.66	17.67
		12	6	21.01	20.98	20.96	19.49	19.52	19.49	19.92	19.99	20.06	17.75	17.72	17.69
		12	11	20.97	20.88	20.91	19.46	19.46	19.43	19.92	19.96	20.09	17.77	17.69	17.66
		25	0	20.97	20.84	20.90	19.47	19.41	19.43	19.91	19.94	20.07	17.71	17.66	17.62

OUTPUT POWER FOR LTE BAND 7 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				20800	21100	21400	20800	21100	21400	20800	21100	21400	20800	21100	21400
				2505.0	2535.0	2565.0	2505.0	2535.0	2565.0	2505.0	2535.0	2565.0	2505.0	2535.0	2565.0
10.0	QPSK	1	0	**25.70**	25.68	24.65	**23.70**	23.68	23.66	25.12	**25.30**	25.23	22.54	**22.70**	22.69
		1	24	**25.70**	**25.70**	**25.70**	23.69	**23.70**	**23.70**	**25.30**	25.28	**25.30**	**22.70**	22.66	**22.70**
		1	49	25.67	**25.70**	25.69	**23.70**	23.65	23.66	**25.30**	25.24	25.25	22.66	22.61	22.69
		25	0	25.03	24.96	24.96	22.71	22.71	22.69	24.24	24.30	24.21	21.66	21.70	21.73
		25	12	25.02	24.96	25.06	22.68	22.74	22.70	24.25	24.32	24.32	21.66	21.71	21.73
		25	24	25.00	25.05	25.06	22.67	22.65	22.71	24.27	24.28	24.31	21.68	21.69	21.71
		50	0	25.00	24.95	25.01	22.65	22.72	22.67	24.18	24.28	24.31	21.64	21.69	21.71
	16QAM	1	0	25.17	25.19	25.13	23.03	**23.09**	22.95	24.43	**24.65**	24.63	21.79	21.88	21.83
		1	24	25.16	25.20	25.15	23.03	23.02	23.01	24.55	24.52	24.56	21.82	21.80	**21.89**
		1	49	25.10	**25.22**	25.15	23.03	23.07	22.95	24.58	24.58	24.60	21.84	21.76	21.84
		25	0	24.06	24.03	24.03	21.75	21.75	21.76	23.27	23.35	23.25	20.69	20.72	20.73
		25	12	24.05	24.02	24.12	21.71	21.78	21.79	23.25	23.38	23.39	20.69	20.71	20.77
		25	24	24.03	24.07	24.10	21.72	21.68	21.76	23.30	23.37	23.34	20.70	20.69	20.76
		50	0	23.99	23.97	24.00	21.65	21.73	21.71	23.22	23.29	23.32	20.65	20.68	20.74
	64QAM	1	0	24.30	24.28	24.33	22.71	22.79	22.59	22.97	23.25	23.18	20.50	20.86	21.08
		1	24	24.28	24.31	**24.36**	22.72	**22.86**	22.64	23.10	23.23	**23.28**	20.49	20.89	**21.26**
		1	49	24.27	24.33	24.33	22.77	22.79	22.60	23.14	23.15	23.25	20.43	20.87	21.14
		25	0	23.02	22.99	23.04	21.60	21.60	21.53	21.94	22.04	21.96	19.36	19.67	19.94
		25	12	23.03	23.03	23.13	21.55	21.63	21.58	21.96	22.01	22.08	19.35	19.70	20.01
		25	24	23.02	23.05	23.10	21.51	21.54	21.53	21.96	22.01	22.04	19.31	19.69	19.92
		50	0	22.99	22.97	23.02	21.50	21.50	21.54	21.88	22.00	22.02	19.32	19.69	19.91
	256QAM	1	0	21.12	21.04	21.05	19.54	19.70	19.58	19.97	**20.17**	20.01	17.47	17.75	17.93
		1	24	21.15	21.17	**21.18**	19.65	**19.72**	19.60	20.12	20.10	20.16	17.48	17.83	**18.07**
		1	49	21.11	21.10	21.15	19.53	19.66	19.48	20.04	20.02	20.15	17.34	17.73	18.01
		25	0	21.00	20.95	20.99	19.57	19.59	19.48	19.90	19.98	19.92	17.33	17.63	17.93
		25	12	21.00	20.97	21.13	19.50	19.60	19.51	19.91	20.02	20.06	17.36	17.70	17.99
		25	24	20.98	21.05	21.07	19.50	19.51	19.51	19.91	19.98	20.05	17.30	17.69	17.92
		50	0	20.98	20.99	20.96	19.49	19.51	19.50	19.91	20.01	20.04	17.32	17.67	17.90

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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	25.66	25.64	25.66	23.68	23.60	23.62	25.11	**25.30**	**25.30**	22.55	**22.70**	22.66
		1	37	25.68	**25.70**	**25.70**	23.65	**23.70**	23.68	**25.30**	25.19	25.26	**22.70**	22.61	**22.70**
		1	74	**25.70**	25.64	25.65	23.60	23.60	23.65	**25.30**	25.16	25.25	22.58	22.55	22.65
		36	0	25.08	24.99	24.97	22.70	22.69	22.69	24.30	24.28	24.27	21.69	21.71	21.76
		36	16	25.10	25.00	25.00	22.73	22.72	22.73	24.41	24.27	24.27	21.76	21.71	21.78
		36	35	25.07	25.06	25.06	22.64	22.61	22.64	24.34	24.24	24.33	21.69	21.61	21.77
		75	0	25.09	24.99	24.99	22.64	22.68	22.72	24.28	24.27	24.36	21.64	21.70	21.77
	16QAM	1	0	25.20	25.15	25.13	22.94	22.93	22.99	24.45	24.55	24.50	21.69	21.90	21.84
		1	37	**25.26**	25.23	25.24	**23.05**	23.02	**23.05**	**24.63**	24.55	24.61	**21.91**	21.85	21.87
		1	74	25.18	25.12	25.12	22.95	22.96	22.93	24.61	24.50	24.50	21.75	21.72	21.85
		36	0	24.12	24.02	24.01	21.74	21.71	21.73	23.32	23.31	23.30	20.73	20.72	20.78
		36	16	24.13	24.01	24.03	21.80	21.74	21.77	23.43	23.31	23.33	20.78	20.73	20.80
		36	35	24.11	24.08	24.07	21.67	21.64	21.70	23.36	23.27	23.40	20.70	20.62	20.80
		75	0	24.13	24.02	24.02	21.70	21.71	21.74	23.30	23.31	23.36	20.69	20.73	20.79
	64QAM	1	0	24.36	24.29	24.36	22.67	22.75	22.72	23.04	23.18	23.22	20.54	20.83	21.13
		1	37	**24.44**	24.35	24.36	22.72	**22.78**	22.77	23.18	23.10	**23.27**	20.44	20.83	**21.50**
		1	74	24.39	24.32	24.30	22.74	22.72	22.68	23.12	23.09	23.16	20.38	20.80	21.19
		36	0	23.13	22.98	23.01	21.61	21.61	21.58	21.99	21.98	21.99	19.36	19.66	20.16
		36	16	23.14	23.01	23.01	21.63	21.63	21.60	21.97	21.96	22.01	19.34	19.68	20.13
		36	35	23.12	23.06	23.05	21.55	21.55	21.56	21.99	21.95	22.09	19.23	19.68	20.12
		75	0	23.14	23.02	23.00	21.55	21.54	21.64	21.99	21.98	22.03	19.36	19.70	20.11
	256QAM	1	0	21.10	21.07	21.09	19.64	19.73	19.66	19.94	20.12	20.12	17.48	17.72	18.17
		1	37	21.18	21.12	21.16	19.61	**19.80**	19.69	20.08	20.03	**20.25**	17.38	17.75	**18.31**
		1	74	**21.24**	21.16	21.21	19.64	19.71	19.68	20.20	20.06	20.22	17.33	17.75	18.28
		36	0	21.11	21.02	21.01	19.58	19.61	19.60	20.00	20.03	20.05	17.35	17.69	18.15
		36	16	21.11	21.00	20.99	19.58	19.61	19.61	19.95	19.99	20.01	17.34	17.68	18.14
		36	35	21.11	21.08	21.07	19.53	19.57	19.55	20.00	19.95	20.10	17.27	17.69	18.13
		75	0	21.12	21.00	20.99	19.53	19.53	19.60	19.98	19.99	20.03	17.35	17.69	18.11

OUTPUT POWER FOR LTE BAND 7 (20.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				20850	21100	21350	20850	21100	21350	20850	21100	21350	20850	21100	21350
				2510.0	2535.0	2560.0	2510.0	2535.0	2560.0	2510.0	2535.0	2560.0	2510.0	2535.0	2560.0
20.0	QPSK	1	0	25.69	25.68	25.69	23.64	23.65	23.64	25.14	**25.30**	25.29	22.56	**22.70**	22.66
		1	49	**25.70**	**25.70**	**25.70**	**23.70**	23.69	**23.70**	**25.30**	25.15	**25.30**	**22.70**	22.56	**22.70**
		1	99	**25.70**	25.61	25.65	23.63	23.67	23.68	25.24	25.14	25.29	22.59	22.52	22.67
		50	0	25.13	25.01	25.07	22.72	22.73	22.74	24.34	24.29	24.31	21.78	21.69	21.78
		50	24	25.13	25.04	25.10	22.69	22.77	22.81	24.33	24.26	24.41	21.76	21.69	21.81
		50	49	25.10	25.06	25.07	22.62	22.66	22.73	24.32	24.21	24.36	21.73	21.58	21.78
		100	0	25.13	25.02	25.08	22.64	22.76	22.79	24.31	24.26	24.40	21.73	21.67	21.79
	16QAM	1	0	25.20	25.18	25.27	22.88	23.03	23.01	24.44	24.46	24.58	21.84	21.90	21.76
		1	49	**25.39**	25.34	25.36	23.13	23.31	**23.45**	**24.80**	24.65	24.67	**22.10**	22.03	21.95
		1	99	25.18	25.17	25.22	22.87	23.02	23.07	24.50	24.42	24.55	21.76	21.71	21.79
		50	0	24.15	24.04	24.12	21.76	21.76	21.75	23.34	23.31	23.34	20.79	20.70	20.81
		50	24	24.16	24.04	24.13	21.68	21.77	21.80	23.34	23.28	23.41	20.77	20.69	20.82
		50	49	24.13	24.07	24.10	21.66	21.67	21.71	23.32	23.25	23.39	20.73	20.57	20.80
		100	0	24.15	24.02	24.11	21.64	21.74	21.78	23.28	23.26	23.39	20.74	20.70	20.81
	64QAM	1	0	24.26	24.21	24.22	22.68	22.70	22.64	22.98	23.18	23.20	20.75	20.88	20.81
		1	49	**24.43**	24.37	24.40	22.78	**22.87**	22.79	23.26	23.13	**23.30**	**21.12**	20.87	20.95
		1	99	24.30	24.18	24.27	22.70	22.75	22.69	23.10	22.99	23.15	20.81	20.68	20.80
		50	0	23.13	23.06	23.13	21.58	21.64	21.59	21.94	21.97	22.04	19.78	19.69	19.76
		50	24	23.14	23.05	23.13	21.65	21.61	21.60	22.03	21.95	22.06	19.75	19.66	19.81
		50	49	23.13	23.08	23.10	21.50	21.58	21.51	21.97	21.90	22.09	19.74	19.56	19.78
		100	0	23.15	23.02	23.12	21.51	21.58	21.61	21.97	21.93	22.03	19.73	19.65	19.79
	256QAM	1	0	21.20	21.14	**21.29**	19.63	19.72	19.74	19.94	20.06	20.11	17.79	17.90	17.85
		1	49	20.91	21.18	21.23	19.51	**19.80**	19.68	20.07	19.91	**20.19**	**17.93**	17.73	17.82
		1	99	20.92	21.16	**21.29**	19.55	19.73	19.72	20.06	19.98	20.16	17.90	17.72	17.83
		50	0	20.85	20.98	21.12	19.57	19.59	19.57	19.95	19.94	20.04	17.77	17.68	17.75
		50	24	20.88	21.00	21.12	19.59	19.54	19.61	20.02	19.95	20.04	17.76	17.65	17.79
		50	49	20.84	21.05	21.09	19.49	19.56	19.53	19.98	19.93	20.13	17.75	17.56	17.80
		100	0	20.87	20.99	21.11	19.49	19.53	19.57	19.94	19.97	20.06	17.73	17.65	17.77

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5G NR n7

Test Engineer ID:	28567	Test Date:	2023-11-15

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	25.37	25.54	25.53	23.18	23.40	23.35	25.03	24.95	25.07	22.25	22.28	22.51
		1	1	25.51	**25.70**	25.69	23.49	23.67	**23.70**	25.08	**25.30**	25.27	22.31	22.21	22.55
		1	23	25.59	25.62	25.66	23.57	**23.70**	23.55	**25.30**	25.20	25.20	22.39	22.29	22.54
		1	24	25.45	25.46	25.42	23.33	23.51	23.03	25.01	24.94	25.03	22.49	22.24	22.52
		12	6	25.58	25.61	25.65	23.50	**23.70**	23.67	25.20	25.15	25.24	22.37	22.07	**22.56**
		25	0	25.35	25.39	25.38	23.28	23.43	23.40	24.91	24.95	25.03	22.38	22.07	22.49
	QPSK	1	0	24.84	24.88	24.88	22.51	22.53	21.66	24.39	24.54	24.44	22.29	22.28	22.41
		1	1	25.66	25.61	**25.70**	23.43	23.44	22.68	25.12	25.21	**25.30**	22.26	22.26	22.62
		1	23	**25.70**	25.62	25.64	**23.70**	23.62	22.60	25.22	25.28	25.20	22.56	22.40	**22.70**
		1	24	24.97	25.00	24.93	22.76	22.47	21.60	24.56	24.56	24.30	22.47	22.34	22.08
		12	6	25.61	25.68	25.66	23.59	23.57	23.39	25.11	25.17	25.26	22.45	22.19	22.56
		25	0	24.88	24.94	24.96	22.55	22.55	22.40	24.42	24.49	24.54	22.41	22.22	22.55
	16QAM	1	0	23.78	23.74	24.10	21.25	21.25	20.95	22.99	23.29	23.79	22.39	22.46	21.58
		1	1	25.04	24.93	24.89	22.53	22.60	21.75	24.43	24.32	24.34	22.32	22.25	22.52
		1	23	**25.25**	25.10	25.14	22.82	22.52	21.57	24.24	24.37	24.36	**22.70**	**22.70**	22.31
		1	24	24.05	23.96	24.13	21.80	21.22	20.83	23.63	23.35	23.63	22.53	22.43	21.36
		12	6	24.85	24.92	25.05	22.77	22.63	**22.85**	24.44	24.48	**24.56**	22.40	22.24	22.59
		25	0	23.87	23.99	24.07	21.76	21.81	21.78	23.43	23.51	23.52	22.39	22.32	22.60
	64QAM	1	0	23.45	23.69	23.66	20.86	21.07	20.35	22.89	22.93	22.70	22.24	21.69	20.56
		1	1	23.51	23.38	23.43	20.74	20.92	20.60	22.78	23.03	23.11	22.39	21.84	20.32
		1	23	23.55	23.47	23.39	21.32	21.02	20.62	**23.13**	23.08	22.92	22.32	21.66	20.41
		1	24	23.65	23.51	**23.79**	21.17	21.19	20.66	22.97	23.07	22.97	**22.64**	21.52	20.12
		12	6	23.42	23.51	23.53	21.16	21.15	**21.44**	23.07	23.00	22.96	22.47	22.21	22.49
		25	0	23.43	23.53	23.52	21.27	21.33	21.36	23.04	22.94	23.02	22.47	22.13	22.28
	256QAM	1	0	21.72	21.71	21.56	19.45	19.49	19.51	20.83	20.95	20.96	20.37	20.27	19.32
		1	1	21.62	21.52	21.87	19.26	**19.79**	19.68	20.87	21.19	21.01	20.60	20.01	19.14
		1	23	**21.95**	21.44	21.62	19.32	19.62	19.46	**21.39**	21.03	21.18	**20.88**	20.07	19.03
		1	24	21.59	21.81	21.85	19.25	19.55	19.44	21.19	21.04	21.19	20.68	20.10	19.05
		12	6	21.41	21.49	21.47	19.14	19.45	19.47	20.89	21.04	20.98	20.61	20.26	20.51
		25	0	21.46	21.44	21.47	19.25	19.52	19.44	21.04	21.00	21.06	20.64	20.43	20.61

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	25.47	25.44	25.43	23.40	23.40	23.37	24.97	25.01	24.76	22.22	22.25	22.48
		1	1	25.62	25.62	25.69	23.55	23.69	**23.70**	25.18	25.15	25.06	22.20	22.18	**22.51**
		1	50	25.64	**25.70**	**25.70**	**23.70**	**23.70**	23.68	25.25	25.20	**25.30**	22.49	22.33	22.46
		1	51	25.40	25.48	25.48	23.53	23.51	23.12	25.01	24.91	25.08	22.24	22.28	22.44
		25	12	25.57	25.60	25.64	23.52	23.65	**23.70**	25.17	25.14	25.07	22.18	22.24	22.39
		50	0	25.42	25.38	25.41	23.42	23.45	23.44	25.05	24.95	24.95	22.23	22.37	22.46
	QPSK	1	0	25.01	24.93	24.89	22.23	22.55	21.71	24.57	24.19	24.33	22.02	22.22	22.45
		1	1	25.55	25.64	25.56	23.29	23.53	22.70	25.25	25.16	25.06	22.07	22.25	22.47
		1	50	**25.70**	25.69	**25.70**	23.55	23.43	22.69	**25.30**	**25.30**	**25.30**	22.32	22.34	22.49
		1	51	24.97	24.83	24.94	22.52	22.52	21.64	24.59	24.39	24.63	22.39	22.24	22.50
		25	12	25.67	25.48	25.54	**23.61**	23.33	23.39	25.23	25.24	25.17	22.21	22.30	**22.52**
		50	0	24.96	24.77	24.91	22.60	22.28	22.36	24.54	24.53	24.43	22.26	22.33	22.49
	16QAM	1	0	23.65	23.89	23.93	21.32	21.92	20.67	23.45	23.28	23.12	22.26	22.23	22.56
		1	1	**25.32**	25.05	24.94	22.39	**22.97**	21.67	24.75	24.15	24.20	22.09	22.28	22.60
		1	50	24.89	24.61	25.27	22.49	22.58	21.73	**24.93**	24.55	24.41	22.25	22.44	22.37
		1	51	23.95	24.12	23.99	21.67	21.59	20.84	23.80	23.18	23.35	22.32	22.23	**22.66**
		25	12	24.87	24.81	24.97	22.96	22.78	22.85	24.58	24.47	24.38	22.33	22.33	22.51
		50	0	23.94	23.84	23.92	21.90	21.75	21.84	23.53	23.53	23.38	22.37	22.35	22.50
	64QAM	1	0	23.33	23.56	23.15	21.06	**21.60**	20.17	22.94	22.51	22.46	22.24	22.26	22.63
		1	1	23.32	23.50	23.66	20.92	21.38	20.57	22.91	22.99	22.67	22.30	22.28	22.56
		1	50	**23.71**	23.32	23.55	21.31	21.08	20.40	23.24	**23.28**	23.14	22.64	**22.70**	**22.70**
		1	51	23.53	23.25	23.35	21.12	21.55	20.54	22.91	22.94	23.07	**22.70**	22.50	22.64
		25	12	23.48	23.38	23.46	21.39	21.41	21.40	22.95	23.17	22.95	22.41	22.42	22.55
		50	0	23.39	23.36	23.52	21.39	21.23	21.40	22.97	23.13	22.88	22.38	22.33	22.53
	256QAM	1	0	21.51	21.31	21.50	19.48	19.69	19.24	20.98	21.03	20.88	20.65	20.61	20.78
		1	1	**21.83**	21.58	21.57	19.36	19.56	19.59	21.26	21.17	20.63	20.35	20.62	**20.83**
		1	50	21.60	21.49	21.76	19.56	19.59	19.57	21.08	21.12	21.16	19.83	20.64	20.37
		1	51	21.42	21.51	21.61	19.56	19.54	**19.75**	21.18	**21.42**	21.06	20.54	20.57	20.74
		25	12	21.44	21.38	21.48	19.48	19.52	19.54	20.99	21.19	20.82	20.23	20.37	20.55
		50	0	21.44	21.37	21.49	19.38	19.52	19.48	21.08	21.17	20.84	20.35	20.43	20.51

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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	25.48	25.46	25.37	23.19	23.51	23.46	24.76	24.97	25.01	22.06	22.41	22.34
		1	1	**25.70**	25.65	25.61	23.42	23.66	23.62	25.06	25.18	**25.30**	21.93	22.36	**22.70**
		1	77	25.62	**25.70**	25.61	23.63	**23.70**	23.64	**25.30**	**25.30**	25.22	**22.70**	**22.70**	20.97
		1	78	25.43	25.49	25.44	23.37	23.43	23.03	25.08	25.14	25.06	22.34	22.40	20.90
		36	18	25.64	25.41	25.47	23.43	23.60	**23.70**	25.07	25.12	25.18	21.96	22.24	21.69
		75	0	25.42	25.29	25.38	23.25	23.49	23.50	24.95	24.97	25.05	22.16	22.37	21.63
	QPSK	1	0	25.04	24.91	24.98	22.01	22.74	21.84	24.33	24.59	24.22	22.03	22.36	22.34
		1	1	25.66	25.65	**25.70**	23.01	23.59	22.91	25.06	25.27	25.18	21.95	**22.46**	22.39
		1	77	**25.70**	25.57	25.64	**23.70**	23.60	22.38	**25.30**	25.21	25.27	22.35	22.28	20.98
		1	78	25.06	24.94	24.91	22.74	22.54	21.50	24.63	24.68	24.17	22.30	22.43	20.93
		36	18	25.61	25.54	25.61	23.50	23.25	23.21	25.17	25.14	25.25	22.13	22.38	21.75
		75	0	24.91	24.84	24.95	22.39	22.33	22.23	24.43	24.46	24.58	22.18	22.42	21.66
	16QAM	1	0	24.08	23.93	24.07	21.31	21.96	20.66	23.12	23.50	23.61	21.30	22.37	21.72
		1	1	**25.24**	24.82	24.57	22.21	22.67	21.99	24.20	24.65	24.22	22.25	22.35	22.00
		1	77	24.95	25.14	25.07	22.54	22.59	21.60	24.41	24.48	**24.67**	21.70	22.37	20.75
		1	78	23.92	23.92	23.95	21.59	21.75	20.69	23.35	23.82	23.14	**22.39**	**22.39**	20.62
		36	18	25.03	24.92	24.92	22.73	**22.77**	22.75	24.38	24.50	24.52	22.17	22.36	21.73
		75	0	23.98	23.86	23.90	21.63	21.56	21.52	23.38	23.48	23.48	22.15	21.00	21.19
	64QAM	1	0	23.49	23.49	23.46	20.37	**21.37**	20.30	22.46	22.73	22.87	22.02	22.21	21.19
		1	1	23.42	23.50	**23.68**	20.53	21.34	20.36	22.67	22.89	22.63	22.39	22.42	21.12
		1	77	23.66	23.60	23.66	21.17	21.30	20.61	**23.14**	23.10	22.80	22.49	**22.55**	20.09
		1	78	23.49	23.31	23.48	21.34	21.07	20.16	23.07	23.12	22.64	22.39	20.00	20.10
		36	18	23.53	23.48	23.56	21.20	21.18	21.15	22.95	23.09	23.02	22.18	22.41	20.63
		75	0	23.45	23.42	23.49	21.19	21.20	21.25	22.88	23.02	22.98	22.23	22.46	20.74
	256QAM	1	0	21.58	21.55	21.57	19.08	19.53	19.47	20.88	20.87	20.94	20.17	20.50	19.69
		1	1	21.72	21.56	21.52	18.94	19.38	19.55	20.63	21.21	21.03	20.25	20.40	19.56
		1	77	21.72	**21.84**	21.60	19.11	**19.70**	19.14	21.16	**21.36**	21.27	20.30	**20.75**	18.45
		1	78	21.68	21.46	21.83	19.16	19.60	19.33	21.06	21.14	20.86	20.72	20.61	18.31
		36	18	21.55	21.37	21.39	18.92	19.40	19.36	20.82	20.91	20.98	20.31	20.52	18.90
		75	0	21.44	21.32	21.38	18.98	19.45	19.48	20.84	20.98	20.95	20.24	20.51	18.92

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	25.52	25.56	25.51	23.05	23.31	23.47	24.76	24.86	24.95	22.20	22.60	22.50
		1	1	25.65	25.60	25.65	23.33	23.46	23.59	24.89	25.09	25.16	22.13	22.62	22.57
		1	104	25.64	25.67	**25.70**	23.53	**23.70**	23.38	**25.30**	**25.30**	25.19	22.61	**22.70**	22.52
		1	105	25.45	25.31	25.29	23.34	23.41	22.85	24.98	25.01	25.06	22.53	22.56	22.48
		50	25	25.65	25.60	25.55	23.46	23.55	**23.70**	25.12	25.09	25.15	22.43	22.66	22.43
		100	0	25.43	25.37	25.38	23.33	23.24	23.12	22.38	24.87	24.93	22.41	22.59	22.44
	QPSK	1	0	25.00	24.91	24.87	21.93	22.63	22.29	24.15	24.42	24.42	22.22	22.58	22.41
		1	1	**25.70**	**25.70**	25.58	22.96	23.63	23.22	24.89	25.19	25.22	22.28	22.59	22.40
		1	104	25.57	25.61	25.64	**23.70**	23.50	22.49	25.20	25.10	**25.30**	22.55	**22.65**	22.35
		1	105	25.00	24.89	24.91	22.68	22.48	21.63	24.53	24.53	24.34	22.45	22.57	22.36
		50	25	25.66	25.52	25.64	23.42	22.96	23.00	25.20	25.07	25.27	22.45	22.61	22.55
		100	0	24.96	24.86	24.88	22.28	22.19	22.22	24.43	24.37	24.47	22.45	22.63	22.52
	16QAM	1	0	23.90	23.93	23.70	21.07	21.91	21.68	23.37	23.67	23.60	22.50	22.50	**22.70**
		1	1	**25.10**	24.98	24.63	22.19	22.91	22.41	24.19	24.21	24.32	21.92	22.41	22.60
		1	104	24.84	24.95	24.78	**22.93**	22.80	21.52	24.29	24.30	24.32	**22.70**	22.57	22.30
		1	105	23.83	23.79	24.03	22.07	22.05	20.45	23.74	23.70	23.22	22.48	22.53	22.21
		50	25	24.98	24.82	24.89	22.77	22.53	22.58	24.39	24.41	**24.50**	22.19	22.67	22.58
		100	0	23.97	23.86	23.92	21.73	21.47	21.55	23.39	23.48	23.52	22.21	**22.70**	22.51
	64QAM	1	0	23.69	23.55	23.59	20.96	21.29	20.82	22.57	23.07	22.91	22.19	22.47	22.50
		1	1	23.55	23.58	**23.77**	20.70	**21.48**	21.09	22.73	23.15	22.92	21.92	22.68	22.64
		1	104	23.48	23.60	23.32	21.05	21.30	20.36	22.83	23.08	22.73	22.17	**22.70**	22.59
		1	105	23.59	23.20	23.37	20.96	21.39	20.31	**23.22**	23.00	23.10	22.54	22.51	22.09
		50	25	23.44	23.33	23.46	21.16	21.11	21.34	22.87	22.98	23.02	22.17	22.66	22.55
		100	0	23.42	23.29	23.43	21.16	21.05	21.16	22.89	22.99	23.05	22.09	22.63	22.55
	256QAM	1	0	21.74	21.76	21.58	18.94	19.43	19.51	20.72	20.93	20.96	20.16	20.77	20.60
		1	1	**21.95**	21.42	21.75	19.49	19.44	**19.58**	20.95	21.10	21.07	20.24	20.98	20.75
		1	104	21.66	21.64	21.72	19.39	19.52	19.14	21.14	20.82	**21.27**	20.32	20.98	20.85
		1	105	21.48	21.55	21.76	19.31	19.51	19.20	20.76	21.04	21.05	20.26	**21.08**	20.95
		50	25	21.47	21.42	21.39	19.14	19.41	19.51	20.99	21.05	21.08	20.24	20.70	20.63
		100	0	21.47	21.39	21.38	19.18	19.34	19.37	20.91	20.96	21.01	20.28	20.74	20.59

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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	25.31	25.40	25.40	23.18	23.25	23.59	24.88	24.84	24.90	21.69	22.46	22.58
		1	1	25.54	25.65	25.67	23.37	23.60	23.67	25.04	25.11	25.20	21.64	22.48	22.54
		1	131	25.47	**25.70**	**25.70**	23.46	**23.70**	23.06	**25.30**	25.26	**25.30**	22.27	22.58	22.56
		1	132	25.33	25.48	25.51	23.30	23.25	22.68	25.10	24.99	25.13	**22.70**	**22.70**	22.38
		64	32	25.48	25.52	25.62	23.36	23.63	**23.70**	25.20	25.08	25.27	22.05	22.49	22.46
		128	0	25.21	25.28	25.44	23.18	23.44	23.40	24.95	24.87	25.02	22.08	22.55	22.44
	QPSK	1	0	24.90	24.95	25.08	21.94	22.72	21.79	24.31	24.52	24.20	21.75	22.50	22.46
		1	1	**25.70**	25.65	25.61	23.00	23.65	22.86	25.00	25.12	25.26	21.92	22.39	**22.60**
		1	131	25.46	25.57	25.68	**23.70**	22.76	22.28	25.29	**25.30**	24.76	22.22	22.47	22.45
		1	132	24.72	24.96	24.98	22.67	21.83	21.28	24.64	24.64	23.86	22.22	22.47	21.93
		64	32	25.46	25.48	25.62	23.38	23.13	23.36	25.19	25.10	25.28	22.02	22.45	22.55
		128	0	24.70	24.75	24.88	22.36	22.15	22.15	24.44	24.39	24.54	22.03	22.49	22.52
	16QAM	1	0	24.11	24.08	23.67	20.86	21.72	21.00	23.39	23.29	23.37	22.00	22.45	21.92
		1	1	24.82	24.86	24.73	21.98	**22.73**	22.03	24.58	24.43	24.40	21.62	22.55	22.57
		1	131	24.59	**25.18**	24.49	22.55	21.99	21.42	24.34	**24.69**	23.89	22.16	22.62	21.43
		1	132	23.80	23.90	23.77	21.64	20.94	20.20	23.44	23.58	23.27	**22.70**	21.75	20.60
		64	32	24.74	24.81	24.63	22.58	22.40	22.53	24.44	24.31	24.49	22.01	22.55	**22.70**
		128	0	23.77	23.83	23.60	21.66	21.53	21.54	23.40	23.35	23.52	22.01	22.57	22.69
	64QAM	1	0	23.33	**23.52**	23.05	20.48	21.37	20.63	22.93	22.92	22.99	21.62	22.28	22.02
		1	1	23.24	23.46	23.31	20.55	**21.40**	20.58	22.74	22.56	22.75	22.05	22.54	22.00
		1	131	23.18	23.51	23.44	21.09	20.08	19.93	22.92	22.78	22.39	22.30	22.57	20.89
		1	132	23.34	23.48	23.34	20.93	20.32	20.01	22.90	23.04	22.71	22.54	22.59	20.22
		64	32	23.22	23.34	23.14	21.07	21.03	21.13	22.97	22.85	**23.08**	22.06	22.42	22.59
		128	0	23.24	23.33	23.08	21.17	21.18	21.17	23.02	22.95	22.95	22.04	22.40	**22.62**
	256QAM	1	0	21.46	21.51	21.34	19.28	19.49	18.85	20.91	20.84	20.93	20.05	20.74	20.01
		1	1	21.58	**21.90**	21.74	19.10	**19.60**	19.15	20.93	20.82	21.11	19.94	20.49	19.88
		1	131	21.41	21.69	21.41	19.48	19.14	18.53	21.34	21.27	20.92	20.44	**20.76**	19.04
		1	132	21.36	21.70	21.50	19.10	19.24	18.50	21.24	21.04	**21.41**	20.24	20.75	18.86
		64	32	21.26	21.27	21.21	19.12	19.30	19.40	20.94	20.86	20.94	20.09	20.49	20.69
		128	0	21.19	21.28	21.24	19.10	19.27	19.40	20.88	20.80	20.95	20.09	20.55	20.75

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	25.50	25.45	25.39	23.25	23.29	23.43	24.71	24.93	24.82	21.79	22.09	22.14
		1	1	**25.70**	**25.70**	25.58	23.46	23.50	**23.70**	24.89	25.13	25.04	22.46	22.66	22.68
		1	158	25.46	25.57	**25.70**	**23.70**	**23.70**	22.97	25.26	**25.30**	**25.30**	**22.70**	**22.70**	**22.70**
		1	159	25.19	25.38	25.45	23.45	23.20	22.46	25.06	25.12	25.07	22.22	22.02	21.96
		80	40	25.50	25.50	25.59	23.49	23.62	23.64	25.24	25.07	25.16	22.55	22.58	22.53
		160	0	25.32	25.32	25.39	23.35	23.44	22.94	25.06	24.93	24.97	22.04	22.09	22.09
	QPSK	1	0	24.96	24.86	24.90	22.27	22.81	22.15	24.29	24.49	24.35	21.45	21.67	21.76
		1	1	25.52	25.65	**25.66**	23.16	**23.67**	23.24	25.06	25.17	25.14	22.51	22.58	22.60
		1	158	25.56	25.64	25.63	23.33	22.52	22.05	**25.30**	25.25	24.67	**22.67**	**22.67**	22.56
		1	159	24.83	25.03	24.84	22.54	21.69	21.11	24.61	24.37	23.87	21.66	21.60	21.56
		80	40	25.46	25.51	25.51	23.54	23.06	23.16	25.23	25.07	25.23	22.57	22.58	22.59
		160	0	24.83	24.85	24.85	22.75	22.15	21.93	24.54	24.42	24.34	21.58	21.58	21.58
	16QAM	1	0	23.65	23.53	24.01	21.23	21.89	21.69	23.46	23.54	23.73	20.22	20.71	20.91
		1	1	25.11	24.85	24.97	22.48	**22.89**	22.56	24.16	**24.67**	24.21	21.38	21.78	**21.90**
		1	158	24.75	24.66	**25.38**	22.71	21.88	21.08	24.52	24.25	23.82	21.47	21.82	21.46
		1	159	23.87	23.82	24.26	22.00	20.47	20.37	23.93	23.42	22.68	20.68	20.76	20.56
		80	40	24.80	24.71	24.85	22.83	22.48	22.47	24.55	24.40	24.49	21.57	21.59	21.52
		160	0	23.87	23.88	23.91	21.86	21.59	21.52	23.55	23.49	23.54	20.56	20.59	20.51
	64QAM	1	0	23.47	**23.78**	23.12	20.93	21.00	20.91	22.76	22.81	22.70	19.99	20.20	20.17
		1	1	23.40	23.60	23.61	20.53	21.17	21.03	22.84	22.91	22.53	19.84	**20.41**	20.26
		1	158	23.43	23.28	23.46	21.11	20.26	19.89	23.07	23.13	22.51	19.97	20.10	20.23
		1	159	23.40	23.52	23.23	20.92	20.17	19.70	**23.15**	22.94	22.26	20.08	20.08	20.05
		80	40	23.30	23.38	23.34	**21.32**	21.08	21.12	22.97	22.94	22.99	20.06	20.11	19.97
		160	0	23.26	23.35	23.30	21.18	21.18	20.99	22.98	22.99	23.03	20.01	20.11	20.06
	256QAM	1	0	21.57	21.50	21.53	19.30	19.40	19.68	20.77	21.10	20.93	17.67	17.56	17.58
		1	1	21.77	21.56	21.81	19.13	19.61	**19.97**	20.87	20.92	20.83	17.48	17.70	17.73
		1	158	21.26	**21.89**	21.82	19.86	18.92	18.51	**21.47**	21.30	21.23	17.68	17.67	17.32
		1	159	21.33	21.61	21.71	19.31	18.85	18.43	21.22	21.14	21.25	17.91	17.79	17.65
		80	40	21.32	21.26	21.37	19.34	19.33	19.39	21.03	20.92	20.96	18.03	18.03	17.98
		160	0	21.34	21.37	21.37	19.32	19.38	19.35	21.02	20.97	20.94	18.06	**18.11**	18.04

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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	25.48	25.48	25.25	23.07	**23.70**	22.93	24.89	24.84	25.15	21.92	22.25	22.37
		1	1	25.43	25.37	24.98	23.05	23.06	23.09	25.01	25.20	25.28	21.86	22.56	**22.70**
		1	186	25.61	25.67	**25.70**	22.95	23.42	**23.70**	25.19	**25.30**	**25.30**	22.49	22.62	22.48
		1	187	25.58	25.38	25.38	**23.70**	23.06	22.96	25.22	24.67	24.86	**22.70**	22.39	22.41
		90	45	**25.70**	**25.70**	25.36	23.40	23.21	23.24	25.21	24.97	25.23	22.29	**22.70**	22.39
		180	0	25.49	25.38	25.04	22.76	23.22	23.07	25.05	24.58	24.95	22.19	22.51	22.10
	QPSK	1	0	24.82	25.13	24.62	22.12	23.13	22.52	24.21	24.20	24.46	21.60	21.93	21.94
		1	1	25.01	25.58	25.42	22.41	22.98	22.77	24.62	24.58	25.14	22.10	22.52	22.67
		1	186	25.62	25.29	25.60	**23.40**	22.59	23.14	**25.30**	24.94	25.21	22.58	22.51	**22.69**
		1	187	25.16	25.26	24.64	21.96	22.68	22.50	24.71	24.41	24.79	22.08	21.86	22.02
		90	45	**25.68**	25.35	25.07	22.91	23.32	23.33	25.08	24.90	25.27	22.34	22.58	22.66
		180	0	25.01	24.69	24.68	22.75	22.77	22.51	24.35	24.13	24.61	21.83	21.94	21.83
	16QAM	1	0	24.66	23.97	23.35	21.51	21.41	21.70	23.10	23.35	23.82	20.68	20.84	21.25
		1	1	24.71	25.00	24.74	22.38	22.42	22.15	24.15	24.04	24.35	21.69	21.07	21.95
		1	186	**25.49**	25.45	24.67	**22.94**	22.00	22.19	24.78	24.50	**25.06**	21.35	**22.20**	21.83
		1	187	24.54	24.12	24.09	22.52	21.43	21.56	23.51	23.42	23.77	20.87	20.13	21.10
		90	45	25.16	24.70	24.93	22.13	22.53	22.45	24.27	24.39	24.57	21.62	21.41	21.92
		180	0	23.91	23.78	23.87	21.36	21.82	21.45	23.36	23.45	23.54	20.71	20.75	20.87
	64QAM	1	0	23.38	23.59	23.67	20.43	21.07	21.04	22.89	22.87	23.13	19.96	20.49	20.64
		1	1	23.01	22.49	23.60	20.51	21.19	20.49	22.68	22.31	23.24	20.11	20.56	**20.69**
		1	186	23.71	**24.13**	23.66	20.48	20.26	21.42	**23.29**	22.86	22.83	20.31	20.54	20.61
		1	187	23.35	23.23	23.51	20.66	21.08	**21.67**	23.23	22.69	23.04	20.37	20.51	20.47
		90	45	23.45	23.29	23.39	20.74	21.00	20.69	22.78	22.61	22.74	20.10	20.48	20.38
		180	0	23.62	23.14	23.51	20.75	21.08	20.92	22.90	22.73	23.06	20.10	20.31	20.49
	256QAM	1	0	21.06	21.50	20.83	19.25	**19.72**	19.04	20.94	20.85	20.98	17.97	18.40	18.76
		1	1	21.53	21.54	20.53	18.91	19.27	18.78	20.95	21.05	21.11	17.86	18.75	18.78
		1	186	21.06	21.58	21.67	19.53	19.28	18.94	21.20	21.00	**21.64**	18.20	18.54	18.54
		1	187	**21.68**	21.57	21.19	19.16	19.64	19.23	21.24	20.85	21.40	18.19	18.19	**18.84**
		90	45	21.44	21.37	21.23	18.79	18.94	19.01	21.02	20.34	20.96	18.01	18.22	18.44
		180	0	21.42	21.27	21.37	19.04	18.99	19.18	20.84	20.16	21.05	18.04	18.01	18.48

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	25.46	25.28	25.26	23.18	23.08	23.32	24.77	24.99	24.95	21.99	22.25	22.24
		1	1	**25.70**	**25.70**	25.64	23.28	23.48	**23.70**	24.90	25.12	**25.30**	22.48	**22.70**	**22.70**
		1	214	25.49	25.48	**25.70**	**23.70**	23.54	23.53	**25.30**	**25.30**	25.15	**22.70**	22.45	22.44
		1	215	25.25	25.36	25.53	23.35	23.30	23.29	25.17	24.96	25.02	22.13	21.99	22.00
		108	54	25.50	25.26	25.50	23.38	**23.70**	23.55	25.15	25.19	25.04	22.61	22.65	22.46
		216	0	25.33	25.22	25.32	23.22	23.34	23.36	24.85	24.99	24.86	22.12	22.04	22.03
	QPSK	1	0	24.80	24.83	24.75	22.63	22.69	22.92	24.14	24.42	24.49	21.47	21.73	21.70
		1	1	**25.65**	25.59	25.60	23.33	23.37	23.58	24.82	25.14	25.19	22.44	22.50	22.50
		1	214	25.58	25.57	25.48	23.55	**23.65**	23.61	25.21	25.28	25.24	22.60	22.49	22.44
		1	215	24.93	24.68	25.03	22.96	22.78	22.98	24.58	24.49	24.44	21.68	21.40	21.42
		108	54	25.46	25.32	25.59	23.45	23.56	23.59	25.19	**25.30**	25.08	22.65	**22.66**	22.55
		216	0	24.78	24.76	24.92	22.79	22.81	22.98	24.46	24.43	24.39	21.64	21.60	21.58
	16QAM	1	0	23.39	23.75	23.74	21.40	21.67	21.86	23.26	23.47	23.61	20.59	20.89	20.79
		1	1	24.96	24.72	24.93	22.69	22.56	23.01	24.29	24.32	24.30	21.43	**21.70**	21.65
		1	214	24.74	**25.08**	25.02	22.67	22.69	**23.12**	**24.67**	24.35	24.28	21.68	21.44	21.48
		1	215	23.93	23.71	23.97	21.88	22.15	22.30	23.70	23.61	23.59	20.76	20.12	20.49
		108	54	24.80	24.66	24.90	22.72	22.79	23.00	24.46	24.51	24.48	21.58	21.62	21.52
		216	0	23.84	23.78	23.91	21.77	21.80	21.98	23.44	23.52	23.47	20.66	20.66	20.53
	64QAM	1	0	23.32	23.28	23.34	21.27	21.28	21.01	22.90	22.92	23.08	20.06	20.30	**20.49**
		1	1	23.29	23.47	23.38	21.09	21.22	21.33	22.93	23.19	23.07	20.02	20.40	20.19
		1	214	23.07	23.56	23.49	21.49	21.11	**21.77**	23.32	22.97	**23.38**	19.90	20.11	20.02
		1	215	23.23	23.60	**23.85**	21.10	21.73	21.57	22.85	23.25	22.87	20.25	19.94	19.94
		108	54	23.31	23.27	23.43	21.26	21.38	21.40	23.04	23.12	22.97	20.20	20.05	19.96
		216	0	23.36	23.27	23.40	21.28	21.28	21.48	23.10	23.04	23.11	20.06	20.13	20.01
	256QAM	1	0	21.81	21.66	21.69	19.53	19.24	19.64	20.81	21.36	21.38	17.44	17.51	17.91
		1	1	21.61	21.57	**22.05**	19.12	19.28	19.50	21.12	20.91	21.49	17.53	17.82	17.78
		1	214	21.65	21.57	21.54	19.38	19.56	**19.70**	**21.66**	21.53	21.06	17.81	17.44	17.67
		1	215	21.60	21.31	21.97	19.26	19.58	19.68	21.60	21.41	21.27	17.75	17.49	17.51
		108	54	21.37	21.25	21.41	19.19	19.20	19.42	21.01	21.06	21.05	18.09	18.01	18.01
		216	0	21.36	21.25	21.45	19.18	19.30	19.42	20.99	21.12	21.08	**18.11**	18.07	18.03

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8.2. LTE BAND 12 AND 5G NR n12

LTE BAND 12

Test Engineer ID:	39004	Test Date:	2023-10-20

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	25.69	25.64	25.66	25.19	25.18	25.19
		1	2	**25.70**	**25.70**	**25.70**	**25.20**	25.18	**25.20**
		1	5	25.66	25.68	25.69	25.18	25.18	25.17
		3	0	25.65	25.62	25.62	25.19	25.15	25.13
		3	1	25.66	25.67	25.65	**25.20**	25.18	25.14
		3	2	25.66	25.65	25.66	25.18	**25.20**	25.14
		6	0	24.64	24.65	24.58	24.18	24.09	24.14
	16QAM	1	0	24.71	24.78	24.83	24.40	24.48	24.49
		1	2	24.77	**24.87**	24.86	24.47	24.50	24.50
		1	5	24.80	24.85	24.86	24.41	24.50	**24.53**
		3	0	24.72	24.67	24.77	24.37	24.35	24.36
		3	1	24.73	24.71	24.76	24.36	24.36	24.35
		3	2	24.73	24.71	24.80	24.34	24.37	24.34
		6	0	23.74	23.54	23.60	23.26	23.16	23.23
	64QAM	1	0	**23.77**	23.60	23.37	23.65	23.35	23.39
		1	2	23.76	23.70	23.41	23.66	23.40	23.41
		1	5	23.67	23.62	23.32	**23.69**	23.38	23.36
		3	0	23.62	23.52	23.49	23.45	23.42	23.24
		3	1	23.61	23.49	23.51	23.58	23.45	23.25
		3	2	23.61	23.51	23.50	23.56	23.44	23.22
		6	0	22.54	22.35	22.34	22.49	22.27	22.23
	256QAM	1	0	20.65	20.45	20.48	20.38	20.38	20.31
		1	2	**20.68**	20.55	20.52	20.43	20.42	20.28
		1	5	20.66	20.53	20.49	20.45	20.41	20.24
		3	0	20.50	20.45	20.35	20.45	20.28	20.25
		3	1	20.53	20.45	20.34	20.52	20.30	20.24
		3	2	20.54	20.52	20.32	**20.54**	20.38	20.22
		6	0	20.46	20.37	20.35	20.43	20.15	20.14

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	25.60	25.62	25.62	25.08	25.08	25.10
		1	7	**25.70**	**25.70**	**25.70**	**25.20**	**25.20**	**25.20**
		1	14	25.58	25.59	25.61	25.10	25.10	25.08
		8	0	24.58	24.61	24.64	24.10	24.14	24.11
		8	4	24.69	24.66	24.67	24.22	24.15	24.21
		8	7	24.71	24.72	24.74	24.21	24.23	24.22
		15	0	24.65	24.71	24.61	24.17	24.10	24.18
	16QAM	1	0	24.73	24.79	24.85	24.44	24.51	24.42
		1	7	**24.87**	24.87	24.86	24.51	**24.59**	24.53
		1	14	24.76	24.71	24.85	24.41	24.52	24.40
		8	0	23.62	23.64	23.67	23.17	23.19	23.16
		8	4	23.72	23.67	23.72	23.28	23.21	23.27
		8	7	23.73	23.74	23.80	23.26	23.28	23.28
		15	0	23.69	23.70	23.66	23.25	23.13	23.21
	64QAM	1	0	23.69	23.65	23.52	23.58	23.49	23.26
		1	7	23.75	**23.76**	23.64	**23.61**	23.53	23.35
		1	14	23.63	23.66	23.59	23.52	23.32	23.26
		8	0	22.44	22.48	22.24	22.31	22.30	22.23
		8	4	22.57	22.51	22.46	22.42	22.31	22.28
		8	7	22.55	22.51	22.46	22.42	22.32	22.26
		15	0	22.53	22.47	22.38	22.36	22.26	22.21
	256QAM	1	0	20.46	20.52	20.46	20.32	20.29	20.35
		1	7	20.64	**20.66**	20.57	**20.47**	20.41	20.35
		1	14	20.50	20.52	20.44	20.39	20.33	20.22
		8	0	20.44	20.44	20.21	20.28	20.26	20.23
		8	4	20.53	20.50	20.46	20.40	20.30	20.26
		8	7	20.52	20.48	20.44	20.37	20.30	20.23
		15	0	20.47	20.45	20.37	20.31	20.23	20.21

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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	25.56	25.56	25.60	25.09	25.04	25.14
		1	12	**25.70**	**25.70**	**25.70**	**25.20**	**25.20**	**25.20**
		1	24	25.60	25.58	25.61	25.11	25.08	25.12
		12	0	24.58	24.56	24.56	24.09	24.04	24.12
		12	6	24.68	24.57	24.60	24.19	24.07	24.15
		12	11	24.66	24.61	24.63	24.18	24.11	24.20
		25	0	24.63	24.61	24.56	24.16	24.04	24.10
	16QAM	1	0	24.79	24.62	24.79	24.45	24.41	24.54
		1	12	**24.92**	24.78	24.91	24.58	24.52	**24.72**
		1	24	24.77	24.66	24.79	24.51	24.42	24.55
		12	0	23.63	23.65	23.60	23.08	23.08	23.09
		12	6	23.74	23.68	23.62	23.18	23.12	23.11
		12	11	23.70	23.71	23.66	23.17	23.17	23.17
		25	0	23.67	23.65	23.56	23.22	23.07	23.13
	64QAM	1	0	**23.72**	23.58	23.35	23.46	23.38	23.34
		1	12	23.70	23.67	23.15	**23.58**	23.46	23.49
		1	24	23.60	23.54	23.41	23.46	23.28	23.31
		12	0	22.40	22.40	21.99	22.28	22.20	22.20
		12	6	22.52	22.42	22.01	22.41	22.19	22.29
		12	11	22.45	22.36	22.19	22.39	22.14	22.21
		25	0	22.48	22.37	22.12	22.29	22.12	22.19
	256QAM	1	0	20.54	20.44	20.51	20.37	20.17	20.28
		1	12	**20.70**	20.57	20.38	**20.54**	20.33	20.34
		1	24	20.52	20.33	20.45	20.38	20.13	20.11
		12	0	20.40	20.33	20.15	20.21	20.13	20.09
		12	6	20.51	20.36	20.16	20.32	20.17	20.24
		12	11	20.45	20.32	20.31	20.25	20.12	20.17
		25	0	20.45	20.34	20.29	20.25	20.13	20.19

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	25.68	25.68	25.68	25.15	25.17	**25.20**
		1	24	**25.70**	**25.70**	**25.70**	**25.20**	**25.20**	25.15
		1	49	25.66	25.65	25.62	25.17	25.14	25.14
		25	0	24.61	24.65	24.62	24.16	24.15	24.14
		25	12	24.71	24.64	24.72	24.27	24.16	24.16
		25	24	24.67	24.70	24.68	24.25	24.23	24.20
		50	0	24.69	24.70	24.69	24.25	24.14	24.13
	16QAM	1	0	24.85	24.82	**24.88**	24.50	**24.60**	24.54
		1	24	24.86	24.84	24.87	24.47	24.52	24.50
		1	49	24.78	24.79	24.81	24.55	24.58	24.47
		25	0	23.64	23.66	23.63	23.19	23.18	23.16
		25	12	23.73	23.68	23.73	23.29	23.20	23.21
		25	24	23.70	23.74	23.73	23.25	23.25	23.25
		50	0	23.71	23.71	23.71	23.27	23.13	23.16
	64QAM	1	0	**23.88**	23.71	23.86	23.61	23.46	23.59
		1	24	23.80	23.71	23.68	23.62	23.50	23.48
		1	49	23.73	23.33	23.60	**23.63**	23.37	23.32
		25	0	22.56	22.53	22.55	22.35	22.28	22.35
		25	12	22.63	22.54	22.53	22.42	22.30	22.36
		25	24	22.56	22.48	22.26	22.39	22.24	22.18
		50	0	22.61	22.49	22.51	22.40	22.24	22.32
	256QAM	1	0	20.66	20.59	20.65	20.49	20.31	20.45
		1	24	20.61	20.64	**20.68**	**20.54**	20.40	20.43
		1	49	20.56	20.23	20.12	20.43	20.15	20.15
		25	0	20.49	20.55	20.57	20.32	20.28	20.36
		25	12	20.59	20.51	20.54	20.41	20.32	20.33
		25	24	20.54	20.43	20.27	20.34	20.24	20.18
		50	0	20.56	20.49	20.51	20.37	20.25	20.30

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5G NR n12

Test Engineer ID:	28567	Test Date:	2024-01-04

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	25.41	25.47	25.55	24.94	24.83	25.00
		1	1	**25.70**	**25.70**	25.66	25.13	25.12	25.17
		1	23	25.50	25.66	25.61	25.04	25.14	25.16
		1	24	25.32	25.36	25.49	24.88	24.98	24.90
		12	6	25.53	25.62	25.69	25.05	**25.20**	25.14
		25	0	25.34	25.33	25.35	24.82	24.98	24.91
	QPSK	1	0	24.96	24.95	24.79	24.36	24.43	24.31
		1	1	25.69	25.49	**25.70**	**25.20**	25.10	25.18
		1	23	25.66	25.64	25.69	25.07	25.16	25.10
		1	24	25.00	24.94	24.92	24.36	24.39	24.43
		12	6	25.65	25.66	25.53	25.05	25.04	**25.20**
		25	0	24.92	24.88	24.68	24.36	24.35	24.50
	16QAM	1	0	23.81	23.96	23.65	23.42	23.76	23.39
		1	1	24.93	**25.18**	25.06	24.46	24.49	24.49
		1	23	25.13	24.45	24.49	24.24	24.13	**24.56**
		1	24	24.38	24.14	24.05	23.56	23.41	23.24
		12	6	24.98	24.92	24.52	24.40	24.40	24.41
		25	0	23.92	23.90	23.60	23.34	23.44	23.41
	64QAM	1	0	23.01	**23.61**	23.30	22.88	22.79	23.01
		1	1	23.09	23.52	23.30	22.72	**23.23**	22.88
		1	23	22.84	23.11	23.31	22.96	22.86	22.89
		1	24	22.89	23.31	23.10	22.87	22.68	22.84
		12	6	23.30	23.43	23.03	22.93	22.98	23.02
		25	0	23.32	23.42	23.25	22.82	22.92	22.95
	256QAM	1	0	21.51	21.35	21.37	20.82	20.76	20.70
		1	1	**21.72**	21.45	21.48	20.67	20.84	20.80
		1	23	21.55	21.63	21.35	20.84	20.69	20.82
		1	24	21.55	21.45	21.55	20.82	20.52	**20.90**
		12	6	21.51	21.41	21.38	20.74	20.84	20.85
		25	0	21.59	21.45	21.44	20.75	20.87	20.88

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	25.50	25.36	25.52	25.03	24.98	24.92
		1	1	**25.70**	25.63	25.69	25.18	**25.20**	**25.20**
		1	50	25.59	25.65	25.48	25.17	25.01	24.98
		1	51	25.32	25.42	25.35	25.00	24.90	24.82
		25	12	25.53	25.56	25.62	25.02	25.03	25.05
		50	0	25.33	25.35	25.39	24.94	24.98	24.88
	QPSK	1	0	24.97	25.05	24.99	24.57	24.46	24.45
		1	1	25.62	**25.70**	**25.70**	**25.20**	25.11	**25.20**
		1	50	25.58	25.61	25.62	**25.20**	25.05	25.05
		1	51	24.86	24.77	24.85	24.42	24.26	24.26
		25	12	25.52	25.56	25.64	25.06	25.12	24.88
		50	0	24.83	24.90	24.86	24.39	24.45	24.24
	16QAM	1	0	23.51	23.49	23.84	23.62	23.34	23.30
		1	1	25.03	24.73	**25.13**	24.24	24.42	24.69
		1	50	25.09	24.53	24.83	**24.88**	23.95	23.92
		1	51	23.84	23.95	23.64	23.26	23.22	23.23
		25	12	24.93	24.93	24.80	24.45	24.54	24.06
		50	0	23.89	24.00	23.98	23.40	23.42	23.22
	64QAM	1	0	23.41	23.37	23.29	22.89	22.95	22.78
		1	1	23.40	23.12	23.07	**23.16**	22.78	22.71
		1	50	23.20	23.46	23.10	22.84	22.56	22.31
		1	51	**23.49**	23.14	23.08	22.88	22.79	22.46
		25	12	23.24	23.40	23.33	22.93	22.94	22.61
		50	0	23.28	23.42	23.34	22.93	22.91	22.69
	256QAM	1	0	21.47	21.52	21.44	20.78	20.73	20.63
		1	1	21.36	21.35	**21.76**	21.03	20.84	20.88
		1	50	21.49	21.56	21.53	**21.19**	20.92	20.61
		1	51	21.52	21.40	21.46	21.03	21.07	20.66
		25	12	21.35	21.42	21.38	21.02	20.88	20.76
		50	0	21.53	21.50	21.38	21.00	20.94	20.68

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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	25.43	25.57	25.40	24.94	25.00	24.89
		1	1	25.64	**25.70**	25.63	25.14	**25.15**	24.99
		1	77	25.49	25.58	25.59	24.91	24.90	24.97
		1	78	25.25	25.35	25.31	24.76	24.75	24.78
		36	18	25.43	25.53	25.51	24.98	24.98	24.95
		75	0	25.34	25.38	25.35	24.86	24.83	24.78
	QPSK	1	0	24.92	24.86	25.01	24.57	24.48	24.49
		1	1	**25.70**	25.66	**25.70**	**25.20**	**25.20**	**25.20**
		1	77	25.63	25.42	25.58	25.05	25.00	25.03
		1	78	24.75	24.64	24.72	24.29	24.36	24.22
		36	18	25.50	25.42	25.60	25.01	25.02	25.07
		75	0	24.86	24.78	24.82	24.45	24.35	24.31
	16QAM	1	0	23.88	23.59	23.99	23.21	23.49	23.25
		1	1	24.70	**25.17**	24.70	24.40	24.63	**24.75**
		1	77	24.92	24.75	25.05	24.46	24.35	24.28
		1	78	23.85	23.68	23.56	23.23	23.29	23.49
		36	18	24.87	24.75	24.85	24.36	24.33	24.34
		75	0	23.85	23.76	23.86	23.34	23.37	23.31
	64QAM	1	0	23.06	**23.54**	23.44	22.83	22.91	22.96
		1	1	23.31	23.19	23.17	**23.03**	22.75	22.68
		1	77	22.88	23.11	23.00	22.71	22.82	22.62
		1	78	23.08	23.17	23.37	22.60	22.65	22.69
		36	18	23.32	23.44	23.42	22.84	22.81	22.85
		75	0	23.32	23.33	23.35	22.90	22.84	22.85
	256QAM	1	0	21.47	21.66	**21.67**	20.68	20.86	20.65
		1	1	21.61	21.37	21.47	20.91	20.78	20.90
		1	77	21.38	21.45	21.50	20.80	20.76	20.74
		1	78	21.50	21.54	21.43	20.67	20.47	**20.92**
		36	18	21.24	21.32	21.27	20.86	20.77	20.77
		75	0	21.34	21.42	21.36	20.82	20.78	20.82

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8.3. LTE BAND 13

Test Engineer ID:	39004	Test Date:	2023-11-15

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	25.62	25.59	25.12	25.08	25.13
		1	12	**25.70**	**25.70**	**25.70**	**25.20**	**25.20**	**25.20**
		1	24	25.58	25.60	25.58	25.14	25.10	25.09
		12	0	24.84	24.87	24.87	24.12	24.04	24.10
		12	6	24.97	24.92	24.90	24.23	24.07	24.22
		12	11	24.93	24.93	24.92	24.21	24.12	24.16
		25	0	24.95	24.86	24.83	24.19	24.04	24.17
	16QAM	1	0	25.16	25.15	25.10	24.50	24.46	24.57
		1	12	**25.24**	25.13	25.21	24.60	24.61	**24.69**
		1	24	25.13	25.01	25.06	24.54	24.46	24.59
		12	0	23.93	23.89	23.80	23.16	23.12	23.19
		12	6	24.00	23.89	23.81	23.27	23.13	23.29
		12	11	23.99	23.93	23.84	23.25	23.19	23.26
		25	0	23.99	23.86	23.88	23.20	23.06	23.23
	64QAM	1	0	24.26	23.97	24.20	23.47	23.24	23.33
		1	12	**24.31**	23.97	24.23	23.47	23.40	23.37
		1	24	24.26	23.90	24.22	**23.51**	23.31	23.35
		12	0	22.84	22.74	22.95	22.21	22.08	22.20
		12	6	22.95	22.77	22.98	22.34	22.10	22.19
		12	11	22.90	22.82	23.02	22.30	22.08	22.23
		25	0	22.95	22.73	22.84	22.25	22.07	22.14
	256QAM	1	0	21.02	20.82	20.98	20.24	20.22	20.24
		1	12	**21.17**	20.96	21.12	20.35	20.38	**20.39**
		1	24	21.09	20.82	21.03	20.30	20.17	20.31
		12	0	20.79	20.71	20.86	20.18	20.08	20.13
		12	6	20.90	20.74	20.89	20.31	20.11	20.16
		12	11	20.86	20.80	20.93	20.27	20.07	20.20
		25	0	20.88	20.71	20.90	20.27	20.07	20.15

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		**25.70**			25.11	
		1	24		25.69			**25.20**	
		1	49		25.60			25.13	
		25	0		24.96			24.15	
		25	12		24.95			24.16	
		25	24		24.96			24.19	
		50	0		24.92			24.16	
	16QAM	1	0		**25.24**			24.54	
		1	24		25.13			24.53	
		1	49		25.04			**24.55**	
		25	0		23.95			23.22	
		25	12		23.96			23.22	
		25	24		23.98			23.26	
		50	0		23.93			23.18	
	64QAM	1	0		24.34			23.46	
		1	24		**24.35**			**23.47**	
		1	49		24.22			23.39	
		25	0		22.97			22.21	
		25	12		22.95			22.21	
		25	24		23.00			22.24	
		50	0		22.96			22.22	
	256QAM	1	0		20.94			20.16	
		1	24		**21.09**			**20.37**	
		1	49		21.01			20.25	
		25	0		20.98			20.19	
		25	12		20.92			20.20	
		25	24		20.96			20.22	
		50	0		20.92			20.18	

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8.4. LTE BAND 14 AND 5G NR n14

LTE BAND 14

Test Engineer ID:	39004	Test Date:	2023-11-20

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	25.56	25.67	25.58	25.06	25.17	25.08
		1	12	**25.70**	**25.70**	**25.70**	**25.20**	**25.20**	**25.20**
		1	24	25.58	25.64	25.56	25.08	25.14	25.06
		12	0	24.53	24.61	24.54	24.03	24.11	24.04
		12	6	24.67	24.62	24.63	24.17	24.12	24.13
		12	11	24.63	24.51	24.58	24.13	24.01	24.08
		25	0	24.62	24.40	24.52	24.12	23.90	24.02
	16QAM	1	0	24.94	25.11	24.93	24.44	24.61	24.43
		1	12	25.07	**25.28**	25.01	24.57	**24.78**	24.51
		1	24	24.91	25.13	24.97	24.41	24.63	24.47
		12	0	23.68	23.74	23.59	23.18	23.24	23.09
		12	6	23.79	23.79	23.69	23.29	23.29	23.19
		12	11	23.75	23.82	23.64	23.25	23.32	23.14
		25	0	23.64	23.68	23.50	23.14	23.18	23.00
	64QAM	1	0	**24.12**	23.96	23.91	23.28	23.42	23.16
		1	12	24.09	24.05	23.96	23.38	**23.47**	23.26
		1	24	24.04	23.95	23.87	23.29	23.42	23.20
		12	0	22.90	22.87	22.78	22.09	22.14	22.02
		12	6	23.00	22.90	22.86	22.20	22.17	22.05
		12	11	22.94	22.91	22.85	22.12	22.22	22.10
		25	0	22.81	22.85	22.83	22.07	22.13	22.00
	256QAM	1	0	20.77	21.03	20.90	20.04	20.23	20.18
		1	12	20.92	**21.15**	21.05	20.15	**20.36**	20.32
		1	24	20.83	21.06	20.96	20.09	20.26	20.21
		12	0	20.72	20.85	20.71	20.05	20.13	19.98
		12	6	20.81	20.88	20.83	20.13	20.15	20.05
		12	11	20.75	20.91	20.74	20.10	20.21	20.04
		25	0	20.77	20.87	20.76	20.10	20.09	19.99

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		25.66			25.16	
		1	24		**25.70**			**25.20**	
		1	49		25.60			25.12	
		25	0		24.92			24.13	
		25	12		24.94			24.16	
		25	24		24.97			24.19	
		50	0		24.94			24.12	
	16QAM	1	0		**25.15**			24.54	
		1	24		25.14			**24.59**	
		1	49		25.14			24.56	
		25	0		23.95			23.12	
		25	12		23.97			23.14	
		25	24		24.00			23.18	
		50	0		23.94			23.12	
	64QAM	1	0		**24.28**			**23.43**	
		1	24		24.20			23.39	
		1	49		24.24			23.34	
		25	0		22.90			22.12	
		25	12		22.91			22.14	
		25	24		22.95			22.18	
		50	0		22.87			22.10	
	256QAM	1	0		20.98			20.24	
		1	24		**21.06**			**20.36**	
		1	49		21.03			20.27	
		25	0		20.92			20.10	
		25	12		20.92			20.14	
		25	24		20.92			20.14	
		50	0		20.88			20.07	

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5G NR n14

Test Engineer ID:	27957	Test Date:	2024-01-04

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	23.70	23.70	23.70	22.70	22.70	22.70
		1	1	**25.66**	25.65	25.59	**25.20**	**25.20**	**25.20**
		1	23	25.54	25.56	25.55	25.09	25.04	24.98
		1	24	23.70	23.70	23.70	22.70	22.70	22.70
		12	6	**25.66**	25.61	25.49	25.15	25.16	25.00
		25	0	25.35	25.34	25.23	24.82	24.88	24.79
	QPSK	1	0	23.70	23.70	23.70	22.70	22.70	22.70
		1	1	25.65	**25.70**	**25.70**	25.19	25.15	25.16
		1	23	25.58	25.53	25.54	25.01	**25.20**	25.03
		1	24	23.60	23.70	23.70	22.59	22.70	22.59
		12	6	**25.70**	25.63	25.56	25.17	25.09	25.05
		25	0	24.84	24.90	24.81	24.41	24.39	24.33
	16QAM	1	0	22.22	21.84	22.02	21.16	21.07	21.14
		1	1	24.96	24.84	25.09	24.54	24.23	**24.64**
		1	23	**25.16**	25.00	24.80	24.47	24.46	23.97
		1	24	23.98	24.15	23.67	23.24	23.02	23.05
		12	6	24.90	24.97	24.78	24.37	24.47	24.28
		25	0	23.86	23.93	23.78	23.45	23.47	23.35
	64QAM	1	0	21.61	21.46	21.34	20.37	20.37	20.42
		1	1	23.16	23.32	23.25	22.76	23.09	22.93
		1	23	23.12	**23.46**	23.30	23.01	**23.12**	22.63
		1	24	23.32	23.30	22.90	22.75	22.99	22.59
		12	6	23.37	23.33	23.26	23.07	23.04	22.91
		25	0	23.41	23.33	23.26	22.92	22.91	22.75
	256QAM	1	0	19.74	19.63	19.62	18.49	18.52	18.44
		1	1	21.27	21.32	21.15	20.99	20.85	20.92
		1	23	21.47	21.52	21.52	20.96	20.64	20.92
		1	24	21.40	**21.57**	21.22	20.87	**21.01**	20.81
		12	6	21.33	21.31	21.23	20.91	20.87	20.85
		25	0	21.34	21.37	21.26	20.95	20.93	20.73

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		25.54			24.96	
		1	1		**25.70**			**25.20**	
		1	50		25.53			24.95	
		1	51		25.41			24.72	
		25	12		25.61			24.99	
		50	0		25.32			24.70	
	QPSK	1	0		24.90			24.41	
		1	1		25.61			**25.05**	
		1	50		**25.67**			24.98	
		1	51		24.90			24.30	
		25	12		25.57			24.98	
		50	0		24.80			24.29	
	16QAM	1	0		23.94			23.29	
		1	1		**25.02**			24.31	
		1	50		24.71			24.13	
		1	51		23.44			23.03	
		25	12		24.82			**24.33**	
		50	0		23.82			23.33	
	64QAM	1	0		23.20			22.69	
		1	1		23.09			22.63	
		1	50		23.18			22.77	
		1	51		22.98			**22.86**	
		25	12		**23.35**			22.83	
		50	0		23.33			22.80	
	256QAM	1	0		21.32			20.68	
		1	1		21.30			20.70	
		1	50		21.33			20.76	
		1	51		**21.58**			**20.85**	
		25	12		21.38			20.79	
		50	0		21.45			20.84	

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8.5. LTE BAND 17

Test Engineer ID:	39004	Test Date:	2023-11-17

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	25.56	25.55	25.51	25.07	25.06	25.08
		1	12	**25.70**	**25.70**	**25.70**	**25.20**	**25.20**	**25.20**
		1	24	25.55	25.56	25.50	25.06	25.10	25.07
		12	0	24.53	24.58	24.52	24.03	24.10	24.06
		12	6	24.63	24.60	24.61	24.13	24.13	24.10
		12	11	24.60	24.63	24.58	24.11	24.17	24.14
		25	0	24.61	24.53	24.49	24.12	24.10	24.06
	16QAM	1	0	24.71	24.70	24.73	24.39	24.52	24.48
		1	12	24.80	**24.85**	24.79	24.57	**24.68**	24.62
		1	24	24.71	24.72	24.69	24.40	24.53	24.40
		12	0	23.50	23.52	23.48	23.05	23.22	23.11
		12	6	23.60	23.55	23.58	23.19	23.24	23.14
		12	11	23.58	23.59	23.55	23.14	23.28	23.20
		25	0	23.61	23.57	23.53	23.18	23.11	23.07
	64QAM	1	0	23.67	23.60	23.54	23.95	23.92	23.84
		1	12	**23.72**	23.71	23.20	**23.97**	**23.97**	23.89
		1	24	23.69	23.40	23.54	23.89	23.82	23.70
		12	0	22.36	22.51	22.29	22.74	22.66	22.66
		12	6	22.46	22.54	22.32	22.85	22.67	22.78
		12	11	22.43	22.58	22.51	22.81	22.73	22.73
		25	0	22.50	22.50	22.30	22.74	22.64	22.71
	256QAM	1	0	20.51	20.63	20.64	20.77	20.74	20.80
		1	12	20.57	**20.70**	20.39	20.88	20.87	**20.91**
		1	24	20.49	20.57	20.47	20.75	20.84	20.83
		12	0	20.48	20.53	20.21	20.66	20.69	20.62
		12	6	20.55	20.56	20.21	20.76	20.70	20.73
		12	11	20.52	20.60	20.39	20.72	20.72	20.71
		25	0	20.52	20.50	20.33	20.74	20.65	20.73

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	25.68	25.66	**25.70**	25.13	25.13	25.19
		1	24	**25.70**	**25.70**	25.69	**25.20**	**25.20**	**25.20**
		1	49	25.62	25.63	25.63	25.13	25.11	25.12
		25	0	24.64	24.64	24.64	24.13	24.14	24.15
		25	12	24.74	24.66	24.66	24.23	24.18	24.15
		25	24	24.71	24.70	24.70	24.21	24.22	24.21
		50	0	24.71	24.63	24.64	24.21	24.14	24.13
	16QAM	1	0	24.87	24.88	**24.93**	24.49	**24.62**	24.52
		1	24	24.88	24.85	24.90	24.44	24.55	24.50
		1	49	24.84	24.80	24.78	24.46	24.58	24.45
		25	0	23.66	23.65	23.68	23.18	23.17	23.16
		25	12	23.76	23.66	23.68	23.27	23.19	23.16
		25	24	23.71	23.71	23.74	23.23	23.26	23.20
		50	0	23.72	23.62	23.65	23.22	23.14	23.16
	64QAM	1	0	23.90	23.67	23.87	**24.05**	23.94	23.97
		1	24	**23.95**	23.71	23.84	24.02	23.86	23.96
		1	49	23.41	23.35	23.67	23.90	23.73	23.84
		25	0	22.60	22.61	22.60	22.74	22.71	22.70
		25	12	22.69	22.60	22.60	22.81	22.70	22.69
		25	24	22.63	22.45	22.37	22.74	22.72	22.72
		50	0	22.57	22.56	22.55	22.77	22.67	22.67
	256QAM	1	0	20.74	20.66	20.71	20.78	20.77	20.84
		1	24	**20.82**	20.70	20.79	20.85	20.86	**20.90**
		1	49	20.22	20.15	20.23	20.77	20.71	20.69
		25	0	20.60	20.58	20.57	20.72	20.68	20.70
		25	12	20.68	20.56	20.58	20.79	20.70	20.67
		25	24	20.62	20.48	20.42	20.71	20.70	20.69
		50	0	20.57	20.53	20.55	20.76	20.64	20.66

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8.6. LTE BAND 25 AND 5G NR n25

LTE BAND 25

Test Engineer ID:	39004	Test Date:	2023-11-15

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	26055	26365	26675	26055	26365	26675
				1850.7	1882.5	1914.3	1850.7	1882.5	1914.3	1851.5	1882.5	1913.5	1851.5	1882.5	1913.5
1.4	QPSK	1	0	25.66	25.67	25.68	23.35	23.37	23.37	25.44	25.47	25.46	22.84	22.87	22.82
		1	2	**25.70**	**25.70**	**25.70**	23.36	**23.40**	**23.40**	25.48	**25.50**	25.48	22.86	**22.90**	**22.90**
		1	5	25.67	25.67	25.68	23.34	23.39	23.35	25.45	25.47	25.49	**22.90**	22.86	22.89
		3	0	25.69	25.67	25.65	23.35	23.36	23.30	25.49	25.46	**25.50**	22.86	22.86	22.84
		3	1	25.68	25.66	25.65	23.38	23.35	23.33	**25.50**	25.45	25.46	22.86	22.89	22.83
		3	2	25.69	25.66	25.66	**23.40**	23.38	23.34	25.48	25.45	25.47	22.87	22.89	22.87
		6	0	24.69	24.64	24.65	22.34	22.36	22.31	24.57	24.57	24.55	21.88	21.82	21.79
	16QAM	1	0	24.82	24.88	24.76	22.58	22.73	22.70	24.89	24.94	24.90	22.03	21.96	22.02
		1	2	24.80	**24.90**	24.78	22.57	**22.74**	22.72	**24.97**	24.95	24.94	22.05	22.05	22.06
		1	5	24.79	24.84	24.79	22.63	22.70	22.70	24.91	24.94	24.92	21.98	**22.13**	22.08
		3	0	24.77	24.68	24.77	22.52	22.56	22.53	24.76	24.74	24.77	21.97	21.95	21.86
		3	1	24.78	24.71	24.80	22.54	22.58	22.55	24.76	24.77	24.76	22.02	21.95	21.86
		3	2	24.80	24.67	24.78	22.57	22.56	22.53	24.72	24.80	24.76	22.04	21.94	21.92
		6	0	23.77	23.73	23.66	21.43	21.40	21.43	23.61	23.69	23.68	20.90	20.89	20.83
	64QAM	1	0	23.73	23.44	23.54	22.04	21.84	22.00	23.40	23.57	23.40	21.09	21.12	20.98
		1	2	**23.75**	23.50	23.58	**22.13**	21.93	22.03	**23.63**	23.54	23.46	**21.14**	21.10	21.02
		1	5	23.70	23.43	23.58	22.03	21.84	21.97	23.40	23.47	23.33	21.13	21.08	21.13
		3	0	23.50	23.37	23.47	21.89	21.80	21.91	23.30	23.47	23.44	20.95	20.99	21.01
		3	1	23.54	23.37	23.49	21.85	21.81	21.93	23.36	23.46	23.33	20.94	20.98	21.04
		3	2	23.56	23.40	23.49	21.91	21.80	21.94	23.36	23.48	23.29	21.01	20.97	21.06
		6	0	22.41	22.34	22.43	20.91	20.78	20.80	22.09	22.34	22.24	19.89	19.99	20.00
	256QAM	1	0	20.63	20.30	20.47	**18.98**	18.82	18.93	20.25	**20.58**	20.44	18.10	18.11	18.15
		1	2	**20.67**	20.36	20.51	18.97	18.85	18.94	20.42	20.51	20.43	18.08	18.11	**18.21**
		1	5	20.62	20.36	20.45	18.94	18.83	18.91	20.26	20.46	20.38	18.14	18.04	18.08
		3	0	20.39	20.27	20.46	18.75	18.75	18.92	20.26	20.40	20.28	17.93	18.06	18.05
		3	1	20.43	20.30	20.46	18.77	18.78	18.91	20.28	20.42	20.33	17.95	18.05	18.07
		3	2	20.41	20.31	20.44	18.78	18.75	18.91	20.22	20.37	20.32	17.96	17.84	18.06
		6	0	20.45	20.28	20.31	18.79	18.67	18.80	20.12	20.33	20.34	17.80	17.87	17.97

OUTPUT POWER FOR LTE BAND 25 (3.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				26055	26365	26675	26055	26365	26675	26055	26365	26675	26055	26365	26675
				1851.5	1882.5	1913.5	1851.5	1882.5	1913.5	1851.5	1882.5	1913.5	1851.5	1882.5	1913.5
3.0	QPSK	1	0	25.60	25.59	25.62	23.33	23.29	23.26	25.41	25.39	25.39	22.77	22.77	22.79
		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	25.58	25.57	25.57	23.30	23.26	23.29	25.39	25.43	25.36	22.79	22.76	22.85
		8	0	24.68	24.68	24.67	22.39	22.31	22.28	24.58	24.52	24.58	21.87	21.83	21.83
		8	4	24.68	24.75	24.69	22.42	22.42	22.31	24.62	24.64	24.60	21.92	21.83	21.93
		8	7	24.68	24.72	24.68	22.41	22.42	22.30	24.62	24.63	24.59	21.91	21.84	21.94
		15	0	24.64	24.68	24.65	22.37	22.29	22.26	24.59	24.59	24.57	21.86	21.79	21.91
	16QAM	1	0	24.71	24.82	24.77	22.67	22.68	22.59	24.89	24.81	24.80	21.92	21.92	22.05
		1	7	24.80	**24.88**	24.84	22.69	**22.83**	22.71	24.94	**24.96**	24.88	22.07	22.08	**22.13**
		1	14	24.71	24.70	24.76	22.62	22.65	22.62	24.86	24.87	24.89	22.03	21.91	22.06
		8	0	23.68	23.74	23.72	21.49	21.36	21.39	23.68	23.61	23.67	20.89	20.92	20.84
		8	4	23.73	23.79	23.76	21.52	21.49	21.42	23.69	23.72	23.71	20.91	20.95	20.95
		8	7	23.74	23.78	23.75	21.52	21.47	21.42	23.73	23.70	23.68	20.91	20.93	20.96
		15	0	23.68	23.72	23.68	21.40	21.35	21.30	23.63	23.64	23.57	20.90	20.84	20.93
	64QAM	1	0	23.61	23.44	23.57	21.85	21.98	21.99	23.25	23.40	23.31	20.83	20.99	21.18
		1	7	**23.67**	23.53	23.65	21.96	21.98	22.00	23.43	**23.56**	23.48	20.97	21.06	**21.23**
		1	14	23.60	23.39	23.56	**22.07**	21.90	21.89	23.34	23.48	23.33	21.04	21.04	21.11
		8	0	22.47	22.27	22.43	20.89	20.82	20.84	22.25	22.26	22.20	19.83	19.85	19.95
		8	4	22.50	22.35	22.46	20.95	20.85	20.88	22.29	22.41	22.24	19.89	19.94	20.10
		8	7	22.50	22.33	22.49	20.93	20.83	20.91	22.31	22.42	22.24	19.90	19.93	20.07
		15	0	22.43	22.31	22.36	20.83	20.81	20.85	22.24	22.27	22.18	19.82	19.91	20.03
	256QAM	1	0	20.39	20.41	20.49	18.87	18.81	18.95	20.18	20.30	20.23	17.86	17.88	18.02
		1	7	20.52	20.48	**20.59**	18.96	18.89	**19.00**	20.31	**20.51**	20.45	17.86	18.08	**18.23**
		1	14	20.49	20.38	20.44	18.90	18.84	18.88	20.28	20.37	20.32	17.85	17.96	18.10
		8	0	20.37	20.28	20.38	18.81	18.80	18.86	20.18	20.28	20.17	17.79	17.81	17.97
		8	4	20.43	20.33	20.40	18.83	18.80	18.89	20.26	20.41	20.23	17.82	17.94	18.05
		8	7	20.42	20.33	20.42	18.87	18.80	18.85	20.27	20.40	20.23	17.84	17.92	18.09
		15	0	20.40	20.31	20.35	18.80	18.77	18.81	20.22	20.29	20.16	17.80	17.85	18.03

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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	25.57	25.60	25.58	23.28	23.23	23.31	25.39	25.40	25.39	22.77	22.78	22.79
		1	12	**25.70**	**25.70**	**25.70**	**23.40**	**23.40**	**23.40**	**25.50**	**25.50**	**25.50**	**22.90**	**22.90**	**22.90**
		1	24	25.61	25.61	25.60	23.28	23.25	23.30	25.33	25.43	25.44	22.82	22.78	22.85
		12	0	24.65	24.65	24.57	22.33	22.22	22.33	24.57	24.53	24.48	21.86	21.78	21.79
		12	6	24.67	24.69	24.70	22.38	22.26	22.37	24.60	24.64	24.61	21.90	21.79	21.92
		12	11	24.66	24.66	24.66	22.34	22.32	22.34	24.46	24.61	24.58	21.86	21.84	21.92
		25	0	24.64	24.64	24.58	22.33	22.23	22.31	24.47	24.59	24.59	21.86	21.75	21.88
	16QAM	1	0	24.78	24.68	24.72	22.71	22.57	22.77	24.93	24.94	24.94	22.00	21.84	21.95
		1	12	**24.92**	24.80	24.85	22.78	22.75	**22.79**	25.06	**25.09**	25.06	**22.12**	21.93	22.04
		1	24	24.81	24.66	24.71	22.67	22.59	22.73	24.91	25.00	24.95	22.05	21.84	22.01
		12	0	23.65	23.62	23.61	21.42	21.22	21.41	23.66	23.56	23.62	20.86	20.78	20.84
		12	6	23.70	23.64	23.72	21.45	21.27	21.43	23.66	23.63	23.73	20.90	20.81	20.96
		12	11	23.65	23.63	23.69	21.42	21.32	21.42	23.52	23.67	23.75	20.88	20.85	20.96
		25	0	23.64	23.64	23.60	21.36	21.24	21.37	23.51	23.61	23.60	20.87	20.77	20.90
	64QAM	1	0	23.56	23.42	23.58	21.99	21.88	21.95	23.40	23.54	23.40	21.05	20.91	21.13
		1	12	23.58	23.48	**23.64**	**22.13**	21.91	22.04	23.54	**23.55**	23.39	21.14	21.03	**21.19**
		1	24	23.57	23.41	23.57	22.05	21.82	21.97	23.49	23.41	23.36	21.03	20.86	21.17
		12	0	22.27	22.24	22.31	20.72	20.73	20.73	22.11	22.30	22.27	19.89	19.73	19.91
		12	6	22.32	22.29	22.43	20.77	20.74	20.87	22.27	22.33	22.33	19.90	19.83	19.95
		12	11	22.30	22.24	22.42	20.73	20.73	20.82	22.19	22.35	22.27	19.89	19.81	20.03
		25	0	22.36	22.25	22.33	20.80	20.72	20.76	22.16	22.30	22.27	19.79	19.80	19.94
	256QAM	1	0	20.41	20.31	20.36	18.85	18.80	18.92	20.21	20.30	20.28	17.83	17.85	17.95
		1	12	**20.56**	20.38	20.51	18.98	18.90	**19.09**	20.31	20.45	**20.49**	18.02	17.91	18.15
		1	24	20.50	20.27	20.44	18.94	18.77	18.98	20.39	20.42	20.41	17.92	17.83	**18.18**
		12	0	20.34	20.22	20.29	18.77	18.72	18.74	20.18	20.30	20.26	17.77	17.73	17.90
		12	6	20.36	20.26	20.39	18.80	18.70	18.88	20.22	20.30	20.31	17.83	17.86	17.95
		12	11	20.34	20.22	20.38	18.78	18.68	18.87	20.17	20.37	20.27	17.78	17.81	18.01
		25	0	20.33	20.21	20.27	18.75	18.71	18.73	20.18	20.28	20.27	17.78	17.79	17.92

OUTPUT POWER FOR LTE BAND 25 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				26090	26365	26640	26090	26365	26640	26090	26365	26640	26090	26365	26640
				1855.0	1882.5	1910.0	1855.0	1882.5	1910.0	1855.0	1882.5	1910.0	1855.0	1882.5	1910.0
10.0	QPSK	1	0	25.65	25.65	**25.70**	23.32	23.33	**23.40**	25.46	25.46	25.43	22.84	**22.90**	22.83
		1	24	**25.70**	**25.70**	25.69	**23.40**	**23.40**	**23.40**	**25.50**	**25.50**	**25.50**	**22.90**	22.89	22.89
		1	49	25.68	25.67	25.64	23.33	23.33	23.36	25.46	25.49	25.47	22.87	22.79	**22.90**
		25	0	24.71	24.64	24.70	22.32	22.33	22.35	24.63	24.55	24.54	21.84	21.85	21.84
		25	12	24.76	24.74	24.71	22.41	22.36	22.35	24.65	24.58	24.64	21.96	21.84	21.86
		25	24	24.75	24.72	24.70	22.39	22.41	22.40	24.63	24.63	24.62	21.93	21.86	21.94
		50	0	24.73	24.72	24.70	22.37	22.34	22.33	24.64	24.64	24.61	21.92	21.80	21.82
	16QAM	1	0	24.82	24.82	**24.89**	22.66	22.79	22.70	24.92	24.92	24.90	22.00	**22.10**	22.03
		1	24	24.84	24.81	24.87	22.65	22.73	22.78	24.89	24.91	**24.94**	22.04	22.03	22.07
		1	49	24.83	24.80	24.81	22.66	**22.80**	22.74	24.90	24.90	24.93	22.04	21.95	22.07
		25	0	23.72	23.65	23.72	21.34	21.43	21.39	23.65	23.53	23.56	20.86	20.88	20.84
		25	12	23.76	23.77	23.73	21.42	21.44	21.40	23.63	23.63	23.66	20.97	20.86	20.89
		25	24	23.73	23.75	23.72	21.41	21.51	21.46	23.66	23.68	23.65	20.94	20.89	20.98
		50	0	23.74	23.71	23.69	21.40	21.36	21.35	23.62	23.65	23.63	20.95	20.82	20.83
	64QAM	1	0	23.64	23.35	23.58	21.87	21.99	22.00	23.46	23.50	23.48	21.11	21.02	21.13
		1	24	23.67	23.39	23.59	**22.06**	22.04	**22.06**	23.42	**23.58**	23.55	21.17	21.02	21.22
		1	49	**23.68**	23.35	23.60	22.04	21.96	22.02	23.45	23.54	23.44	21.11	20.91	**21.24**
		25	0	22.35	22.24	22.43	20.74	20.74	20.91	22.19	22.32	22.29	19.86	19.78	19.95
		25	12	22.47	22.36	22.47	20.89	20.84	20.93	22.30	22.34	22.27	19.90	19.89	20.00
		25	24	22.45	22.33	22.44	20.87	20.80	20.90	22.28	22.39	22.33	19.87	19.83	20.07
		50	0	22.42	22.33	22.43	20.82	20.82	20.90	22.24	22.30	22.27	19.85	19.85	19.97
	256QAM	1	0	20.43	20.27	20.44	18.82	18.82	18.91	20.23	20.41	20.34	17.85	17.89	18.02
		1	24	**20.55**	20.41	20.48	**19.00**	18.92	18.97	20.41	**20.53**	20.39	17.99	17.95	**18.20**
		1	49	20.52	20.34	20.43	18.95	18.86	18.95	20.33	20.47	20.34	17.94	17.86	**18.20**
		25	0	20.34	20.23	20.38	18.72	18.74	18.84	20.18	20.31	20.24	17.82	17.81	17.92
		25	12	20.45	20.34	20.46	18.87	18.82	18.93	20.28	20.33	20.29	17.87	17.88	17.97
		25	24	20.43	20.31	20.42	18.84	18.77	18.91	20.27	20.38	20.35	17.85	17.85	18.04
		50	0	20.40	20.29	20.41	18.81	18.77	18.89	20.27	20.28	20.26	17.80	17.83	17.95

UL VERIFICATION SERVICES INC. FORM NO: CCSUP4031B
47173 BENICIA STREET, FREMONT, CA 94538, USA TEL: (510) 319-4000 FAX: (510) 661-0888
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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	25.65	25.67	25.66	23.36	23.35	23.39	**25.50**	**25.50**	25.43	22.89	**22.90**	22.79
		1	37	25.67	**25.70**	**25.70**	23.38	**23.40**	**23.40**	25.48	**25.50**	**25.50**	22.88	22.81	**22.90**
		1	74	**25.70**	25.60	25.59	**23.40**	23.27	23.28	25.41	25.44	25.44	**22.90**	22.66	22.86
		36	0	24.71	24.66	24.66	22.43	22.36	22.37	24.62	24.60	24.59	21.87	21.89	21.85
		36	16	24.71	24.73	24.73	22.43	22.38	22.36	24.61	24.59	24.60	21.94	21.84	21.86
		36	35	24.72	24.73	24.71	22.41	22.44	22.42	24.51	24.65	24.67	21.93	21.87	21.97
		75	0	24.71	24.72	24.71	22.41	22.36	22.36	24.59	24.63	24.67	21.92	21.82	21.93
	16QAM	1	0	24.76	24.75	24.82	22.64	22.70	22.77	24.88	24.93	24.84	22.11	22.09	21.96
		1	37	24.87	24.85	**24.88**	22.72	**22.85**	22.69	24.85	24.84	**24.95**	**22.14**	21.97	22.00
		1	74	24.86	24.67	24.77	22.62	22.70	22.63	24.84	24.83	24.82	22.09	21.77	21.96
		36	0	23.73	23.68	23.69	21.46	21.41	21.40	23.66	23.63	23.62	20.87	20.91	20.84
		36	16	23.72	23.76	23.75	21.46	21.41	21.40	23.66	23.63	23.64	20.94	20.86	20.88
		36	35	23.74	23.75	23.75	21.44	21.47	21.46	23.54	23.69	23.73	20.94	20.88	21.00
		75	0	23.73	23.74	23.76	21.45	21.40	21.39	23.62	23.68	23.71	20.91	20.84	20.96
	64QAM	1	0	23.61	23.44	23.54	22.02	22.08	21.99	23.37	23.56	23.45	21.06	21.08	21.16
		1	37	23.65	23.50	23.60	22.12	22.07	22.10	23.38	**23.59**	23.56	21.18	21.06	**21.28**
		1	74	**23.72**	23.45	23.59	**22.18**	22.00	22.03	23.45	23.54	23.45	21.23	20.94	21.25
		36	0	22.34	22.29	22.42	20.83	20.82	20.85	22.21	22.38	22.32	19.79	19.88	19.99
		36	16	22.42	22.39	22.38	20.94	20.88	20.92	22.29	22.36	22.34	19.88	19.83	20.03
		36	35	22.42	22.37	22.46	20.96	20.84	20.95	22.28	22.43	22.42	19.91	19.89	20.13
		75	0	22.44	22.37	22.41	20.94	20.89	20.93	22.27	22.35	22.33	19.90	19.90	20.04
	256QAM	1	0	20.35	20.35	20.46	18.92	18.95	18.95	20.26	20.47	20.34	17.87	18.05	18.12
		1	37	20.48	20.47	20.57	19.02	19.07	19.10	20.37	20.49	20.51	17.97	18.03	18.18
		1	74	20.48	20.50	**20.59**	19.12	18.97	**19.12**	20.39	**20.56**	20.51	18.16	17.98	**18.35**
		36	0	20.33	20.28	20.37	18.83	18.83	18.85	20.20	20.36	20.29	17.80	17.87	17.98
		36	16	20.41	20.36	20.37	18.93	18.90	18.92	20.28	20.35	20.34	17.89	17.82	18.01
		36	35	20.42	20.35	20.44	18.94	18.82	18.95	20.29	20.46	20.40	17.89	17.89	18.13
		75	0	20.40	20.34	20.37	18.92	18.89	18.91	20.30	20.35	20.31	17.89	17.91	18.03

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	25.67	25.67	**23.40**	23.38	**23.40**	**25.50**	25.49	25.40	22.88	**22.90**	22.81
		1	49	25.69	**25.70**	**25.70**	23.37	**23.40**	23.37	25.46	**25.50**	**25.50**	**22.90**	22.80	22.86
		1	99	**25.70**	25.66	25.67	23.37	23.31	23.30	25.30	25.47	25.47	22.82	22.63	**22.90**
		50	0	24.68	24.68	24.68	22.40	22.42	22.34	24.65	24.62	24.63	21.93	21.85	21.87
		50	24	24.77	24.77	24.66	22.48	22.43	22.42	24.57	24.71	24.75	21.98	21.79	21.97
		50	49	24.74	24.73	24.71	22.45	22.46	22.36	24.51	24.67	24.71	21.93	21.76	21.96
		100	0	24.74	24.75	24.67	22.47	22.39	22.43	24.55	24.69	24.73	21.97	21.76	21.98
	16QAM	1	0	24.91	24.75	24.72	22.67	22.78	22.66	24.90	24.85	24.90	22.06	22.04	22.01
		1	49	**25.04**	25.02	24.87	22.83	**23.08**	22.88	25.14	25.00	**25.42**	22.20	22.17	**22.25**
		1	99	24.89	24.83	24.65	22.70	22.73	22.53	24.78	24.78	24.86	21.93	21.68	22.08
		50	0	23.68	23.71	23.70	21.42	21.48	21.36	23.67	23.63	23.65	20.92	20.86	20.87
		50	24	23.77	23.78	23.68	21.50	21.43	21.44	23.57	23.72	23.77	20.98	20.78	20.98
		50	49	23.75	23.73	23.72	21.47	21.48	21.37	23.54	23.69	23.74	20.94	20.79	20.97
		100	0	23.75	23.75	23.69	21.49	21.42	21.43	23.59	23.72	23.74	20.96	20.78	20.96
	64QAM	1	0	23.60	23.46	23.46	22.01	22.07	21.97	23.45	23.48	23.54	21.12	21.02	21.18
		1	49	**23.73**	23.58	23.65	**22.28**	22.18	22.21	23.55	23.64	**23.72**	21.21	21.05	21.36
		1	99	23.57	23.42	23.55	22.18	21.93	21.99	23.43	23.56	23.58	21.10	20.86	**21.42**
		50	0	22.35	22.31	22.39	20.86	20.87	20.82	22.25	22.40	22.38	19.94	19.84	20.01
		50	24	22.43	22.37	22.42	21.02	20.94	20.85	22.33	22.39	22.51	19.96	19.87	20.07
		50	49	22.39	22.37	22.47	21.01	20.87	20.91	22.30	22.44	22.49	19.95	19.79	20.15
		100	0	22.42	22.40	22.42	20.97	20.85	20.84	22.29	22.37	22.49	19.94	19.88	20.09
	256QAM	1	0	20.54	20.38	20.46	18.84	19.04	18.96	20.36	20.47	20.44	17.91	18.08	18.05
		1	49	20.59	20.40	20.53	19.00	18.99	18.99	20.34	20.50	20.58	17.98	17.97	18.07
		1	99	20.61	20.44	**20.63**	19.02	18.97	**19.08**	20.37	**20.60**	20.54	18.06	17.97	**18.38**
		50	0	20.35	20.28	20.38	18.86	18.87	18.80	20.23	20.37	20.37	17.93	17.86	18.02
		50	24	20.45	20.35	20.39	18.96	18.91	18.84	20.33	20.39	20.49	17.94	17.90	18.08
		50	49	20.41	20.34	20.46	18.98	18.87	18.90	20.30	20.43	20.51	17.95	17.84	18.15
		100	0	20.41	20.36	20.40	18.96	18.81	18.82	20.31	20.37	20.49	17.92	17.88	18.06

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47173 BENICIA STREET, FREMONT, CA 94538, USA TEL: (510) 319-4000 FAX: (510) 661-0888
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5G NR n25

Test Engineer ID:	26857	Test Date:	2024-01-29

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	25.45	25.36	25.36	22.97	23.07	23.16	25.24	25.29	25.22	22.59	22.47	22.54
		1	1	25.65	25.47	25.66	23.28	23.28	23.28	25.43	25.46	25.43	22.85	22.76	22.81
		1	23	25.58	25.50	25.66	**23.40**	23.31	23.25	**25.50**	25.47	25.48	22.81	**22.90**	22.73
		1	24	25.44	25.34	25.41	23.19	23.16	23.11	25.21	25.27	25.26	22.53	22.44	22.56
		12	6	25.56	25.54	**25.70**	23.20	23.15	23.36	25.40	25.48	25.44	22.81	22.72	22.82
		25	0	25.32	25.34	25.41	22.94	22.98	23.11	25.22	25.28	25.28	22.50	22.35	22.51
	QPSK	1	0	24.92	24.85	24.99	22.58	22.55	22.67	24.81	24.81	24.71	22.03	21.87	22.03
		1	1	**25.70**	25.61	**25.70**	23.29	23.31	**23.40**	**25.50**	**25.50**	**25.50**	**22.90**	22.73	**22.90**
		1	23	25.63	**25.70**	25.50	23.22	**23.40**	23.33	25.49	**25.50**	25.42	22.89	22.79	22.85
		1	24	25.00	24.82	24.92	22.67	22.57	22.63	24.70	24.72	24.69	21.97	21.86	21.95
		12	6	25.60	25.49	25.63	23.17	23.24	**23.40**	25.43	25.46	25.46	22.83	22.76	22.81
		25	0	24.90	24.82	24.87	22.55	22.51	22.66	24.75	24.72	24.81	22.05	21.91	22.08
	16QAM	1	0	23.78	23.86	23.96	21.56	21.53	21.89	23.94	24.16	23.89	21.10	20.62	21.13
		1	1	24.51	**25.29**	25.06	22.54	22.56	22.85	24.83	**25.02**	24.71	22.01	22.02	21.93
		1	23	24.95	24.94	25.22	**22.98**	22.45	**22.98**	24.78	24.81	24.79	21.99	**22.24**	22.18
		1	24	23.97	24.20	23.93	21.53	21.66	21.66	23.64	23.78	24.07	21.17	21.01	21.11
		12	6	24.87	24.97	24.94	22.52	22.42	22.65	24.83	24.74	24.88	22.00	21.95	22.03
		25	0	23.90	24.04	23.91	21.68	21.41	21.59	23.76	23.72	23.85	21.03	20.92	21.01
	64QAM	1	0	23.27	23.16	23.45	20.96	20.72	21.16	23.35	23.32	23.14	**20.73**	20.29	20.30
		1	1	23.26	**23.59**	23.37	21.10	20.84	21.08	23.39	23.20	**23.49**	20.64	20.49	20.69
		1	23	23.18	23.58	23.13	20.83	21.07	21.02	23.46	23.40	23.39	20.43	20.55	20.49
		1	24	23.35	23.18	23.48	21.03	21.22	21.04	23.37	23.22	23.17	20.36	20.43	20.57
		12	6	23.33	23.44	23.33	21.20	21.06	21.11	23.16	23.11	23.14	20.57	20.48	20.59
		25	0	23.39	23.40	23.38	21.20	20.90	**21.23**	23.30	23.27	23.30	20.46	20.51	20.59
	256QAM	1	0	21.57	21.49	21.64	19.46	19.09	**19.51**	21.32	21.10	21.22	18.06	18.09	18.08
		1	1	21.42	21.28	21.64	19.21	19.27	19.42	**21.38**	21.15	21.34	18.34	18.13	18.17
		1	23	21.51	21.24	21.57	19.47	19.36	19.29	21.23	21.12	21.08	18.10	18.15	18.22
		1	24	21.37	21.43	**21.69**	19.22	19.11	19.07	21.15	21.21	21.22	18.28	18.04	18.27
		12	6	21.20	21.14	21.50	19.14	19.01	19.10	21.20	21.19	21.16	18.32	18.34	18.39
		25	0	21.37	21.31	21.56	19.16	19.13	19.29	21.25	21.25	21.24	18.53	18.57	**18.58**

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	25.33	25.26	25.40	23.29	23.16	23.13	25.27	25.23	25.18	22.36	22.45	22.64
		1	1	**25.66**	25.53	25.62	**23.40**	23.39	23.23	**25.50**	25.43	25.42	22.69	**22.90**	22.85
		1	50	25.58	25.63	25.57	23.32	23.37	23.27	25.42	25.40	25.40	22.61	22.81	**22.90**
		1	51	25.31	25.39	25.43	23.13	23.22	23.07	25.19	25.12	25.14	22.32	22.45	22.64
		25	12	25.57	25.48	25.64	23.29	23.36	23.29	25.39	25.45	25.38	22.62	22.78	22.83
		50	0	25.46	25.37	25.46	23.15	23.16	23.06	25.28	25.29	25.27	22.42	22.55	22.63
	QPSK	1	0	24.87	24.89	24.99	22.73	22.73	22.59	24.65	24.76	24.68	21.93	22.04	22.02
		1	1	25.66	25.66	25.60	23.31	**23.40**	**23.40**	25.42	**25.50**	25.38	**22.90**	22.86	22.88
		1	50	**25.70**	**25.70**	**25.70**	23.31	23.36	23.24	25.37	25.44	25.37	22.61	22.78	22.84
		1	51	24.93	24.99	24.95	22.66	22.57	22.55	24.70	24.66	24.68	21.84	21.92	21.98
		25	12	25.69	25.63	25.66	23.35	23.38	23.31	25.48	**25.50**	**25.50**	22.66	22.85	**22.90**
		50	0	25.01	24.92	24.96	22.68	22.67	22.57	24.77	24.81	24.77	21.91	22.03	22.11
	16QAM	1	0	24.26	23.99	23.75	21.78	21.96	21.73	24.01	23.60	23.80	21.24	21.13	21.21
		1	1	25.00	25.04	**25.17**	**22.93**	22.78	22.52	24.83	25.01	24.71	22.04	21.99	**22.24**
		1	50	24.86	24.70	24.80	22.66	22.90	22.79	24.93	**25.17**	24.88	21.52	21.97	22.23
		1	51	23.81	23.64	23.94	21.52	21.72	21.54	24.09	24.12	23.83	20.53	21.27	20.94
		25	12	24.88	24.73	24.94	22.84	22.73	22.58	24.81	24.80	24.76	21.90	22.05	22.13
		50	0	23.86	23.83	23.95	21.68	21.63	21.56	23.77	23.77	23.80	20.87	21.01	21.12
	64QAM	1	0	23.39	23.10	23.25	20.86	20.93	20.86	23.26	**23.41**	23.27	20.29	20.36	**20.72**
		1	1	23.48	23.31	23.32	21.18	21.28	20.99	23.30	23.40	23.16	20.40	20.57	20.57
		1	50	23.27	23.19	23.48	**21.30**	20.85	21.22	23.07	23.01	23.24	20.29	20.43	20.68
		1	51	23.09	23.15	23.50	21.16	20.97	21.11	23.28	23.11	23.20	20.44	20.45	20.66
		25	12	23.29	23.24	23.53	21.17	21.11	20.98	23.37	23.37	23.25	20.40	20.57	20.56
		50	0	23.27	23.24	**23.54**	21.20	21.15	21.00	23.35	23.20	23.22	20.36	20.57	20.62
	256QAM	1	0	21.22	21.31	21.47	**19.47**	19.15	19.06	21.32	21.24	21.28	17.84	18.05	18.38
		1	1	21.49	21.16	21.36	19.19	19.22	19.19	**21.38**	21.14	21.13	18.22	17.99	18.46
		1	50	21.35	21.35	21.32	19.12	19.42	19.13	21.11	21.11	21.20	17.82	18.21	18.46
		1	51	21.38	21.47	21.51	19.24	19.13	19.33	21.16	20.83	21.24	17.89	18.14	18.22
		25	12	21.44	21.30	**21.59**	19.21	19.27	19.14	21.36	21.31	21.23	18.32	18.63	**18.66**
		50	0	21.50	21.32	21.57	19.28	19.32	19.19	21.29	21.29	21.23	18.32	18.58	18.60

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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	25.39	25.37	25.22	23.13	23.13	23.09	25.21	25.20	25.23	22.56	22.57	22.41
		1	1	25.63	**25.66**	25.48	23.30	**23.39**	23.22	**25.40**	25.38	25.35	**22.90**	**22.90**	22.72
		1	77	25.48	25.56	25.56	23.33	23.28	23.29	25.37	25.21	**25.40**	22.66	**22.90**	22.61
		1	78	25.35	25.42	25.39	23.11	23.07	22.98	25.14	25.07	25.27	22.45	22.58	22.37
		36	18	25.45	25.47	25.53	23.16	23.22	23.20	25.31	25.20	25.39	22.68	22.78	22.54
		75	0	25.30	25.37	25.39	23.01	23.04	23.03	25.15	25.12	25.22	22.44	22.55	22.37
	QPSK	1	0	24.91	24.97	24.86	22.60	22.61	22.64	24.70	24.78	24.62	22.05	22.04	21.94
		1	1	**25.70**	**25.70**	25.59	**23.40**	**23.40**	**23.40**	**25.50**	**25.50**	25.38	22.81	22.76	**22.90**
		1	77	25.55	25.62	**25.70**	23.29	23.30	23.30	25.37	25.27	**25.50**	22.76	22.85	22.72
		1	78	24.95	24.96	24.58	22.58	22.60	22.50	24.65	24.62	24.76	21.96	22.06	21.81
		36	18	25.47	25.53	25.43	23.28	23.23	23.28	25.36	25.33	25.38	22.71	22.87	22.67
		75	0	24.84	24.95	24.82	22.64	22.60	22.64	24.63	24.64	24.69	21.94	22.07	21.90
	16QAM	1	0	24.02	23.91	23.85	21.68	21.72	21.68	23.75	23.95	23.81	21.11	21.07	20.80
		1	1	24.76	25.16	25.12	22.37	**22.79**	22.12	24.87	24.65	24.64	21.82	22.18	21.84
		1	77	25.18	**25.41**	24.98	22.17	22.42	22.62	24.58	**24.91**	24.67	21.79	**22.37**	21.74
		1	78	24.07	23.78	23.58	21.44	21.48	21.35	23.74	23.35	24.06	20.73	21.09	20.88
		36	18	24.88	24.94	24.82	22.61	22.59	22.66	24.63	24.63	24.65	21.91	22.07	21.85
		75	0	23.76	23.89	23.80	21.53	21.54	21.54	23.65	23.66	23.69	20.94	21.04	20.85
	64QAM	1	0	23.31	23.14	23.35	20.75	21.15	20.74	23.20	**23.42**	23.26	20.53	20.47	20.52
		1	1	23.13	23.46	23.41	21.03	20.92	21.21	23.38	**23.42**	23.39	20.49	20.60	20.39
		1	77	22.93	23.41	23.15	20.92	20.75	21.09	23.21	23.05	23.10	20.40	**20.75**	20.24
		1	78	23.10	23.48	22.92	21.16	**21.25**	20.86	23.10	23.10	22.89	20.28	20.45	20.42
		36	18	23.27	**23.51**	23.20	21.05	21.07	21.06	23.06	23.12	23.06	20.40	20.59	20.34
		75	0	23.20	23.50	22.93	21.02	21.02	21.02	23.19	23.19	23.15	20.45	20.58	20.30
	256QAM	1	0	21.39	21.59	21.14	19.35	19.12	19.16	20.95	**21.26**	21.15	18.34	**18.50**	18.22
		1	1	21.52	**21.64**	21.13	19.17	19.12	19.29	21.20	21.21	20.99	17.98	18.06	17.84
		1	77	21.05	21.51	21.11	19.31	19.16	**19.47**	21.12	21.19	21.19	18.07	18.05	17.88
		1	78	21.27	21.47	21.14	19.26	19.30	19.17	21.23	20.84	21.18	18.06	18.39	18.13
		36	18	21.04	21.33	20.96	19.02	18.99	18.97	21.11	21.16	21.17	18.36	18.49	18.38
		75	0	21.16	21.40	21.01	19.09	19.00	18.98	21.13	21.13	21.13	18.38	**18.50**	18.38

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	25.35	25.45	25.23	23.07	23.01	23.03	25.31	25.20	25.20	22.49	22.37	22.53
		1	1	25.56	25.57	25.62	**23.40**	23.26	23.39	25.47	**25.50**	25.32	22.82	22.74	22.86
		1	104	25.59	**25.70**	25.63	23.30	**23.40**	23.24	**25.50**	25.36	25.45	22.88	22.76	22.66
		1	105	25.40	25.34	25.44	23.15	23.08	23.08	25.31	25.10	25.27	22.52	22.51	22.49
		50	25	25.60	25.53	25.66	23.24	23.25	23.28	25.47	25.34	25.39	22.71	**22.90**	22.76
		100	0	25.41	25.40	25.52	23.08	23.11	23.10	25.26	25.17	25.26	22.50	22.60	22.51
	QPSK	1	0	24.95	24.94	24.99	22.58	22.59	22.72	24.69	24.74	24.71	22.03	21.92	22.14
		1	1	25.51	25.57	**25.70**	23.29	23.34	**23.40**	25.49	25.47	25.33	22.86	22.69	**22.90**
		1	104	**25.70**	25.55	25.49	23.30	23.26	23.18	25.44	25.28	**25.50**	**22.90**	22.88	22.76
		1	105	24.93	24.93	24.53	22.57	22.58	22.56	24.77	24.54	24.72	22.19	22.05	21.89
		50	25	25.63	25.60	**25.70**	23.31	23.33	23.29	**25.50**	25.45	25.35	22.77	22.87	22.82
		100	0	24.95	24.86	24.99	22.56	22.60	22.64	24.81	24.69	24.74	21.96	22.11	22.01
	16QAM	1	0	24.18	23.77	23.77	21.48	21.17	21.56	23.74	24.03	23.59	20.76	20.84	20.92
		1	1	24.93	24.68	24.81	22.53	22.58	22.49	**25.00**	24.88	24.81	22.23	21.99	22.16
		1	104	24.80	25.14	24.44	22.64	22.54	22.58	24.81	24.71	24.88	22.17	22.16	**22.28**
		1	105	24.08	23.91	23.50	21.62	21.57	21.46	23.81	23.75	23.67	21.10	20.85	20.99
		50	25	**25.22**	24.81	25.03	22.56	**22.70**	22.61	24.78	24.73	24.71	21.88	22.05	21.96
		100	0	24.20	23.87	24.07	21.59	21.63	21.65	23.81	23.66	23.70	20.95	21.04	21.03
	64QAM	1	0	**23.68**	23.34	23.56	20.85	21.22	21.00	23.32	23.35	23.15	20.63	20.40	20.49
		1	1	23.52	23.32	23.36	21.18	21.11	20.84	23.43	23.27	23.29	20.28	20.36	20.56
		1	104	23.55	23.31	23.33	20.88	21.01	20.77	**23.53**	23.20	23.19	20.44	**20.73**	20.36
		1	105	23.62	23.32	23.23	**21.26**	21.07	20.90	23.26	23.21	23.35	20.53	20.72	20.52
		50	25	23.63	23.24	23.53	20.99	21.05	21.10	23.29	23.17	23.20	20.37	20.56	20.40
		100	0	**23.68**	23.26	23.46	21.03	21.05	21.06	23.28	23.10	23.19	20.39	20.58	20.47
	256QAM	1	0	**21.75**	21.35	21.57	19.32	19.41	19.04	**21.37**	21.23	21.09	18.15	17.90	18.28
		1	1	21.72	21.11	21.65	19.26	19.00	19.29	21.10	21.21	21.21	18.14	17.83	17.92
		1	104	21.56	21.47	21.36	19.07	**19.47**	19.21	21.36	20.96	21.30	18.02	17.98	18.14
		1	105	21.62	21.55	21.45	19.45	18.87	19.10	21.32	21.10	21.12	18.23	18.02	18.07
		50	25	21.74	21.26	21.39	19.16	19.14	19.07	21.27	21.10	21.13	18.40	**18.66**	18.34
		100	0	21.63	21.24	21.38	19.14	19.05	19.03	21.28	21.09	21.20	18.33	18.58	18.44

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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	25.42	25.29	25.41	23.13	23.30	23.21	25.13	25.29	25.26	22.35	22.38	22.71
		1	1	**25.70**	25.53	25.64	23.32	23.36	23.26	25.33	25.43	**25.50**	22.53	22.65	22.86
		1	132	25.58	25.65	**25.70**	**23.40**	23.36	23.33	**25.50**	25.47	25.47	22.86	**22.90**	22.70
		1	131	25.36	25.40	25.47	23.03	23.16	23.09	25.25	25.27	25.30	22.62	22.52	22.42
		64	32	25.63	25.65	25.64	23.24	**23.40**	23.39	25.26	25.45	25.46	22.59	22.88	22.64
		128	0	25.40	25.40	25.49	23.09	23.21	23.07	25.15	25.24	25.27	22.35	22.54	22.42
	QPSK	1	0	24.89	24.94	24.88	22.80	22.63	22.69	24.59	24.61	24.82	21.85	21.82	22.16
		1	1	25.66	25.56	**25.70**	23.38	23.32	23.34	25.33	25.39	25.40	22.62	22.65	**22.90**
		1	132	25.63	**25.70**	25.49	23.34	23.36	**23.40**	25.44	**25.50**	25.38	**22.90**	22.80	22.70
		1	131	24.96	25.09	24.40	22.57	22.68	22.68	24.62	24.81	24.71	22.08	21.99	21.89
		64	32	25.58	25.65	25.65	23.29	23.37	23.39	25.28	25.43	25.34	22.64	22.79	22.74
		128	0	24.87	24.96	25.00	22.59	22.68	22.64	24.59	24.71	24.78	21.86	21.95	21.94
	16QAM	1	0	23.88	24.03	23.99	21.46	21.57	21.43	23.20	23.64	23.63	20.67	21.03	21.18
		1	1	24.68	24.90	25.29	22.34	22.61	22.44	24.38	24.70	24.50	21.85	21.44	22.16
		1	132	25.16	**25.32**	24.38	22.47	22.48	22.55	24.80	24.79	**24.97**	**22.26**	21.76	22.18
		1	131	23.89	24.05	23.76	21.94	22.02	21.32	23.80	23.60	23.70	21.16	20.80	20.61
		64	32	24.84	25.03	24.85	22.49	**22.66**	22.54	24.69	24.78	24.72	21.76	21.99	21.96
		128	0	23.94	24.01	23.91	21.54	21.66	21.64	23.62	23.75	23.72	20.82	20.92	20.97
	64QAM	1	0	23.25	23.23	23.32	20.87	21.17	20.96	23.14	23.39	**23.43**	20.25	20.48	20.42
		1	1	23.36	23.43	**23.45**	21.00	21.19	20.99	22.94	23.38	23.20	20.48	20.33	**20.87**
		1	132	23.08	23.23	22.75	21.04	21.13	21.08	23.32	23.33	23.38	20.38	20.54	20.50
		1	131	23.19	23.28	22.69	**21.24**	21.10	21.06	23.22	23.11	23.28	20.29	20.26	20.61
		64	32	23.42	23.43	23.34	20.99	21.14	21.07	23.04	23.10	23.14	20.29	20.43	20.39
		128	0	23.44	23.43	23.42	21.03	21.17	21.14	23.08	23.28	23.18	20.29	20.50	20.49
	256QAM	1	0	21.61	21.26	21.46	19.41	**19.60**	19.46	21.19	21.25	21.19	17.84	18.14	18.02
		1	1	**21.86**	21.54	21.47	19.44	19.34	19.31	20.91	**21.56**	21.24	18.11	17.97	18.21
		1	132	21.66	21.53	21.80	19.18	19.23	19.40	21.33	21.25	20.91	18.02	18.03	18.13
		1	131	21.58	21.40	21.52	19.14	19.44	19.24	20.91	21.24	21.26	18.26	17.96	17.84
		64	32	21.39	21.40	21.44	18.94	19.14	19.10	20.98	21.25	21.22	18.23	**18.53**	18.40
		128	0	21.39	21.32	21.46	19.03	19.09	19.17	21.09	21.22	21.25	18.28	18.49	18.43

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	25.51	25.28	25.37	23.10	23.23	23.14	25.22	25.25	25.28	22.16	22.24	22.62
		1	1	25.60	25.51	25.62	23.22	**23.40**	**23.40**	25.48	**25.50**	25.39	22.63	22.69	**22.90**
		1	158	25.58	25.61	**25.70**	23.39	23.37	23.28	**25.50**	25.48	25.38	**22.90**	22.80	22.69
		1	159	25.42	25.42	25.52	23.01	23.26	23.16	25.36	25.42	25.30	22.51	22.53	22.26
		80	40	25.67	25.55	25.63	23.23	23.31	23.31	25.43	**25.50**	**25.50**	22.53	**22.90**	22.72
		160	0	25.54	25.37	25.46	23.07	23.18	23.11	25.24	25.33	25.34	22.34	22.60	22.47
	QPSK	1	0	24.91	24.94	25.02	22.58	22.71	22.63	24.59	24.72	24.71	21.78	21.84	22.15
		1	1	25.62	25.61	25.55	**23.40**	23.39	23.35	25.30	25.48	25.43	22.51	22.64	22.78
		1	158	25.66	**25.70**	25.45	23.29	23.39	23.26	25.48	25.43	25.42	**22.90**	22.74	22.70
		1	159	24.95	24.90	24.41	22.66	22.64	22.46	24.81	24.80	24.69	21.95	21.94	21.83
		80	40	**25.70**	25.57	25.59	23.26	23.37	23.25	25.45	**25.49**	25.45	22.60	22.89	22.74
		160	0	25.04	24.87	24.89	22.60	22.74	22.70	24.78	24.80	24.80	21.89	22.09	21.95
	16QAM	1	0	24.01	23.94	24.10	21.57	21.60	21.63	23.36	23.95	23.58	20.84	20.90	21.01
		1	1	24.94	25.01	24.87	**22.80**	22.73	22.36	24.66	24.80	24.75	21.38	21.86	21.97
		1	158	24.90	24.83	24.69	22.46	22.79	22.27	**24.93**	24.35	24.82	22.04	**22.27**	22.03
		1	159	23.76	23.90	23.47	21.75	22.16	21.39	23.63	23.62	23.81	20.99	20.97	20.82
		80	40	**25.05**	24.85	24.92	22.52	22.65	22.63	24.74	24.73	24.70	21.77	22.10	21.86
		160	0	24.01	23.93	23.93	21.51	21.69	21.65	23.76	23.75	23.75	20.82	21.11	20.95
	64QAM	1	0	23.37	23.11	**23.68**	21.22	21.21	20.86	23.20	23.20	23.42	20.02	20.57	**20.91**
		1	1	23.26	23.39	23.22	20.79	21.26	21.15	23.18	23.29	23.36	20.31	20.33	20.60
		1	158	23.66	23.19	23.01	21.25	21.02	**21.28**	**23.51**	23.35	23.21	20.47	20.60	20.35
		1	159	23.47	23.40	23.00	20.62	20.87	20.87	23.41	23.25	23.36	20.37	20.12	20.24
		80	40	23.44	23.44	23.46	21.00	20.96	21.14	23.26	23.20	23.25	20.21	20.56	20.38
		160	0	23.42	23.50	23.55	21.09	21.10	21.16	23.24	23.19	23.23	20.25	20.54	20.44
	256QAM	1	0	21.66	21.48	**21.93**	18.76	19.15	19.18	21.28	21.21	21.43	17.71	18.32	18.31
		1	1	21.68	21.77	21.45	**19.65**	19.11	19.43	21.32	21.37	21.29	17.93	18.25	18.41
		1	158	21.76	21.49	21.60	19.31	19.23	19.49	**21.49**	21.39	21.25	18.31	18.12	17.96
		1	159	21.56	21.64	21.69	18.84	19.40	19.28	21.35	21.22	21.40	18.38	17.98	17.74
		80	40	21.41	21.40	21.53	19.01	18.98	19.11	21.20	21.29	21.19	18.20	**18.51**	18.32
		160	0	21.41	21.40	21.58	19.04	19.01	19.17	21.24	21.22	21.23	18.34	18.50	18.40

UL VERIFICATION SERVICES INC. FORM NO: CCSUP4031B
47173 BENICIA STREET, FREMONT, CA 94538, USA TEL: (510) 319-4000 FAX: (510) 661-0888
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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	25.57	25.16	25.63	**23.40**	22.95	22.89	24.92	25.11	25.20	22.43	21.89	22.74
		1	1	25.49	25.52	25.52	23.00	**23.40**	22.94	25.31	25.48	**25.50**	22.49	22.21	22.57
		1	186	25.44	25.46	25.40	23.04	23.12	23.03	25.27	25.34	25.31	22.67	22.86	22.72
		1	187	25.33	25.29	25.55	23.19	23.10	22.86	25.32	24.90	25.29	22.57	22.49	22.65
		90	45	**25.70**	25.59	**25.70**	23.09	23.23	23.19	25.24	25.45	24.98	22.54	**22.90**	**22.90**
		180	0	25.48	25.39	25.61	23.07	23.22	**23.40**	25.14	25.21	24.97	22.30	22.22	22.67
	QPSK	1	0	25.11	24.67	24.74	22.52	22.50	23.09	24.68	24.73	24.73	22.40	21.69	22.01
		1	1	25.60	25.44	25.46	23.25	23.21	23.26	**25.50**	25.42	25.28	**22.90**	22.39	22.60
		1	186	25.65	**25.70**	25.35	22.84	23.25	23.34	25.37	**25.50**	25.01	22.79	22.24	22.73
		1	187	25.04	25.00	24.71	22.53	23.15	22.29	24.81	24.61	24.43	21.75	21.70	22.15
		90	45	25.53	25.60	25.65	23.10	23.29	**23.40**	25.41	25.49	25.16	22.56	22.33	22.65
		180	0	24.98	24.90	25.13	22.56	22.68	22.61	24.64	24.83	24.61	21.92	21.83	21.93
	16QAM	1	0	24.13	23.01	23.87	21.01	22.03	21.88	24.48	23.80	23.38	21.08	20.86	21.42
		1	1	24.74	**25.20**	25.02	20.96	22.39	22.86	24.52	24.41	24.81	22.07	21.66	22.33
		1	186	24.73	24.51	24.90	22.21	**23.11**	22.85	**24.89**	24.73	24.45	**22.50**	21.71	21.73
		1	187	24.07	23.84	24.21	20.73	21.69	22.01	23.48	23.84	23.57	20.74	20.42	20.76
		90	45	25.00	24.90	25.13	22.20	22.94	22.54	24.57	24.71	24.52	22.22	21.82	21.94
		180	0	24.20	23.90	24.02	21.08	21.89	21.61	23.66	23.87	23.67	20.89	20.73	20.92
	64QAM	1	0	23.26	22.87	23.50	20.86	21.34	21.71	23.05	23.03	22.87	20.37	20.21	20.53
		1	1	23.18	22.99	**23.63**	20.59	**21.92**	21.03	23.09	23.43	23.25	19.74	20.52	**20.79**
		1	186	23.25	23.53	22.91	20.68	21.85	20.57	23.51	22.90	22.97	19.95	20.33	20.77
		1	187	23.02	23.01	23.29	20.61	21.74	20.86	**23.71**	23.23	23.03	19.90	19.65	20.11
		90	45	23.30	23.10	23.04	21.09	21.33	21.01	23.10	23.32	23.04	20.22	20.14	20.55
		180	0	23.21	23.42	23.56	20.64	21.17	21.03	23.12	23.25	23.07	20.40	20.05	20.48
	256QAM	1	0	21.76	21.22	21.69	18.52	19.65	19.04	21.38	21.27	20.95	18.51	18.25	18.65
		1	1	**21.92**	21.66	21.44	19.26	19.46	19.49	21.60	21.59	21.45	18.38	17.88	**19.15**
		1	186	21.17	21.51	21.68	19.27	19.80	18.96	21.69	21.44	21.02	18.02	17.98	18.57
		1	187	21.51	21.65	21.40	18.57	**19.91**	18.98	21.17	**22.00**	21.70	18.72	18.35	18.80
		90	45	21.50	21.35	21.49	19.08	19.49	19.02	21.11	21.46	20.89	18.28	18.15	18.51
		180	0	21.54	21.37	21.17	18.70	19.00	19.18	21.20	21.25	21.18	18.16	17.99	18.59

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	25.51	25.31	25.43	23.11	23.21	22.95	25.11	25.18	25.23	22.41	22.28	22.51
		1	1	**25.70**	25.62	25.52	**23.37**	23.34	23.19	25.22	25.35	25.37	22.69	22.63	22.85
		1	214	**25.70**	25.64	25.69	23.21	23.24	23.25	25.38	25.44	**25.50**	22.87	22.85	22.56
		1	215	25.53	25.38	25.51	23.20	23.11	22.94	25.21	25.22	25.21	22.55	22.59	22.40
		108	54	25.66	25.51	25.59	23.35	23.23	23.22	25.31	25.46	25.29	22.76	**22.90**	22.77
		216	0	25.47	25.41	25.49	23.17	23.12	23.09	25.15	25.27	25.15	22.52	22.58	22.57
	QPSK	1	0	25.02	25.02	24.87	22.51	22.65	22.51	24.53	24.53	24.56	21.81	21.84	21.92
		1	1	25.64	**25.70**	25.66	23.33	**23.40**	**23.40**	25.26	25.35	25.45	22.64	22.62	**22.90**
		1	214	25.69	**25.70**	25.52	23.35	23.37	23.20	**25.50**	25.36	25.45	**22.90**	22.68	22.65
		1	215	25.02	25.01	24.59	22.60	22.53	22.51	24.64	24.69	24.60	22.05	21.92	21.90
		108	54	25.66	25.63	**25.70**	**23.40**	23.26	23.33	25.35	**25.50**	25.34	22.72	**22.90**	22.88
		216	0	25.00	24.95	25.04	22.69	22.61	22.86	24.67	24.77	24.68	21.94	22.09	22.08
	16QAM	1	0	24.02	23.71	23.99	21.75	21.11	22.06	23.63	23.54	23.62	20.94	20.79	20.91
		1	1	24.79	25.00	24.78	22.58	22.26	22.69	24.20	**25.03**	24.68	21.72	21.86	22.11
		1	214	24.95	**25.40**	24.79	**22.76**	22.52	22.64	24.66	24.85	24.86	**22.19**	21.94	21.96
		1	215	23.90	23.64	23.57	21.59	21.68	21.93	23.59	23.76	23.75	21.29	20.76	20.84
		108	54	24.95	24.93	25.07	22.69	22.61	22.62	24.65	24.78	24.62	21.96	22.12	22.04
		216	0	23.95	23.93	24.13	21.65	21.63	21.71	23.66	23.84	23.76	21.01	21.05	21.11
	64QAM	1	0	23.19	23.38	23.32	20.87	20.69	21.22	23.18	23.07	**23.44**	20.02	20.50	20.58
		1	1	23.06	23.47	23.38	20.87	20.88	20.95	23.23	23.21	23.27	20.29	20.19	20.64
		1	214	23.35	23.15	23.20	21.01	21.02	20.61	23.29	23.30	23.09	20.60	20.39	20.47
		1	215	23.36	23.33	22.96	**21.25**	20.89	21.10	22.97	23.03	23.07	20.49	**20.69**	20.29
		108	54	23.39	23.45	**23.53**	21.15	21.19	21.13	23.20	23.29	23.18	20.40	20.59	20.55
		216	0	23.43	23.48	**23.53**	21.22	21.15	21.11	23.25	23.27	23.25	20.51	20.58	20.63
	256QAM	1	0	**22.00**	21.57	21.41	19.07	19.33	19.24	21.28	21.38	**21.53**	18.23	18.21	18.41
		1	1	21.65	21.64	21.55	19.24	**19.82**	19.10	21.21	21.12	21.43	18.13	18.33	18.32
		1	214	21.73	21.56	21.81	19.29	19.17	19.20	21.18	21.25	21.48	18.23	17.97	18.24
		1	215	21.57	21.48	21.46	19.27	19.44	19.22	21.43	21.35	21.41	18.37	17.83	18.19
		108	54	21.37	21.37	21.34	19.15	19.12	19.06	21.22	21.25	21.18	18.44	18.56	18.59
		216	0	21.37	21.41	21.46	19.20	19.15	19.14	21.23	21.25	21.21	18.47	18.54	**18.65**

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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:	2023-11-20

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	25.58	25.59	25.67	25.09	25.12	25.11
		1	2	**25.70**	**25.70**	**25.70**	**25.20**	**25.20**	**25.20**
		1	5	25.66	25.66	25.63	25.16	25.16	25.15
		3	0	25.68	25.68	25.65	25.16	25.18	**25.20**
		3	1	25.69	25.69	25.66	25.16	**25.20**	**25.20**
		3	2	25.66	25.68	25.66	25.14	25.19	25.19
		6	0	24.63	24.66	24.63	24.13	24.17	24.18
	16QAM	1	0	24.71	24.78	24.78	24.38	24.37	24.39
		1	2	24.80	24.81	24.82	**24.53**	24.42	24.52
		1	5	24.78	**24.85**	24.78	24.46	24.42	24.49
		3	0	24.70	24.69	24.72	24.37	24.36	24.35
		3	1	24.68	24.69	24.74	24.35	24.37	24.36
		3	2	24.74	24.72	24.73	24.34	24.37	24.34
		6	0	23.57	23.69	23.74	23.25	23.26	23.22
	64QAM	1	0	23.47	23.52	23.37	23.32	23.26	23.26
		1	2	23.62	23.55	23.48	**23.39**	23.27	23.37
		1	5	**23.64**	23.47	23.42	23.35	23.29	23.32
		3	0	23.45	23.37	23.39	23.27	23.17	23.27
		3	1	23.41	23.38	23.40	23.27	23.26	23.28
		3	2	23.44	23.37	23.39	23.26	23.24	23.26
		6	0	22.38	22.31	22.34	22.20	22.14	22.23
	256QAM	1	0	20.41	20.37	20.38	20.14	20.25	20.16
		1	2	**20.50**	20.41	**20.50**	20.26	20.28	20.27
		1	5	20.47	20.36	20.43	**20.30**	20.25	20.18
		3	0	20.29	20.34	20.41	20.21	20.09	20.18
		3	1	20.30	20.34	20.43	20.23	20.17	20.19
		3	2	20.33	20.36	20.43	20.22	20.17	20.19
		6	0	20.32	20.35	20.28	20.13	20.18	20.18

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	25.60	25.57	25.56	25.10	25.07	25.11
		1	7	**25.70**	**25.70**	**25.70**	**25.20**	**25.20**	**25.20**
		1	14	25.58	25.60	25.58	25.09	25.08	25.08
		8	0	24.69	24.59	24.66	24.15	24.13	24.11
		8	4	24.72	24.72	24.70	24.20	24.24	24.21
		8	7	24.74	24.69	24.71	24.17	24.23	24.20
		15	0	24.69	24.65	24.65	24.13	24.19	24.14
	16QAM	1	0	24.80	24.69	24.77	24.36	24.52	24.48
		1	7	**24.92**	24.82	24.89	24.48	**24.63**	24.54
		1	14	24.82	24.67	24.72	24.40	24.57	24.46
		8	0	23.70	23.63	23.71	23.22	23.17	23.19
		8	4	23.74	23.76	23.74	23.25	23.29	23.29
		8	7	23.75	23.75	23.74	23.25	23.32	23.28
		15	0	23.69	23.67	23.70	23.19	23.24	23.22
	64QAM	1	0	23.62	23.39	23.46	23.57	23.48	23.42
		1	7	**23.67**	23.51	23.57	23.56	**23.60**	23.40
		1	14	23.64	23.37	23.46	23.54	23.46	23.40
		8	0	22.38	22.36	22.20	22.24	22.32	22.30
		8	4	22.40	22.42	22.35	22.38	22.34	22.32
		8	7	22.42	22.44	22.34	22.36	22.40	22.31
		15	0	22.37	22.38	22.31	22.35	22.37	22.28
	256QAM	1	0	20.31	20.24	20.40	20.32	20.44	20.32
		1	7	20.49	20.46	**20.52**	20.42	**20.56**	20.39
		1	14	20.37	20.33	20.35	20.43	20.41	20.29
		8	0	20.36	20.33	20.22	20.25	20.28	20.24
		8	4	20.42	20.37	20.35	20.38	20.30	20.29
		8	7	20.41	20.34	20.34	20.35	20.38	20.31
		15	0	20.34	20.32	20.31	20.31	20.37	20.27

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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	25.53	25.63	25.59	25.06	25.08	25.13
		1	12	**25.70**	**25.70**	**25.70**	**25.20**	**25.20**	**25.20**
		1	24	25.55	25.61	25.61	25.07	25.07	25.11
		12	0	24.55	24.54	24.60	24.05	24.03	24.10
		12	6	24.67	24.66	24.71	24.17	24.14	24.21
		12	11	24.63	24.64	24.66	24.12	24.12	24.17
		25	0	24.60	24.63	24.66	24.11	24.11	24.18
	16QAM	1	0	24.74	24.71	24.73	24.43	24.40	24.59
		1	12	**24.94**	24.88	24.86	24.54	24.57	**24.69**
		1	24	24.78	24.76	24.71	24.43	24.42	24.53
		12	0	23.53	23.50	23.63	23.10	23.14	23.16
		12	6	23.64	23.60	23.72	23.18	23.26	23.29
		12	11	23.62	23.57	23.70	23.17	23.21	23.25
		25	0	23.63	23.66	23.68	23.11	23.14	23.15
	64QAM	1	0	23.44	23.48	**23.52**	23.55	23.34	23.23
		1	12	23.51	23.52	23.47	**23.63**	23.40	23.32
		1	24	23.50	23.45	23.44	23.55	23.31	23.39
		12	0	22.11	22.25	22.26	22.25	22.08	22.13
		12	6	22.23	22.35	22.40	22.18	22.12	22.26
		12	11	22.19	22.33	22.36	22.15	22.15	22.22
		25	0	22.22	22.30	22.34	22.16	22.15	22.17
	256QAM	1	0	20.24	20.27	20.32	20.14	20.15	20.21
		1	12	20.38	20.43	**20.50**	20.29	20.25	**20.35**
		1	24	20.32	20.34	20.39	20.21	20.16	20.29
		12	0	20.15	20.22	20.26	20.04	20.11	20.13
		12	6	20.25	20.30	20.34	20.20	20.14	20.22
		12	11	20.22	20.27	20.33	20.15	20.16	20.17
		25	0	20.23	20.32	20.27	20.11	20.18	20.11

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		25.69			25.17	
		1	24		**25.70**			**25.20**	
		1	49		25.65			25.10	
		25	0		24.62			24.11	
		25	12		24.73			24.21	
		25	24		24.71			24.18	
		50	0		24.70			24.18	
	16QAM	1	0		24.83			**24.56**	
		1	24		**24.87**			24.45	
		1	49		24.80			24.43	
		25	0		23.62			23.14	
		25	12		23.74			23.23	
		25	24		23.69			23.19	
		50	0		23.73			23.20	
	64QAM	1	0		23.60			23.35	
		1	24		**23.67**			23.37	
		1	49		23.63			**23.38**	
		25	0		22.25			22.05	
		25	12		22.35			22.16	
		25	24		22.35			22.08	
		50	0		22.34			22.11	
	256QAM	1	0		20.37			20.05	
		1	24		**20.50**			20.06	
		1	49		20.44			20.08	
		25	0		20.24			20.03	
		25	12		20.33			**20.13**	
		25	24		20.32			20.08	
		50	0		20.30			20.10	

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5G NR n26

Test Engineer ID:	26857	Test Date:	2023-11-16

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	24.20	24.20	24.20	23.20	23.20	23.20
		1	1	**25.70**	25.60	25.56	25.17	**25.20**	25.07
		1	23	25.62	**25.70**	**25.70**	25.07	25.05	**25.20**
		1	24	24.20	24.20	24.20	23.20	23.20	23.20
		12	6	25.62	25.54	25.67	25.17	25.10	25.09
		25	0	25.41	25.31	25.45	24.86	24.85	24.83
	QPSK	1	0	24.20	24.20	24.20	23.20	23.20	23.20
		1	1	25.60	25.63	25.61	**25.20**	25.17	25.10
		1	23	25.58	25.66	25.63	25.12	25.14	25.11
		1	24	24.20	24.20	24.20	23.20	23.20	23.20
		12	6	**25.67**	25.50	25.55	25.13	25.11	25.13
		25	0	24.94	25.01	24.97	24.46	24.40	24.41
	16QAM	1	0	22.74	22.75	22.42	21.52	21.76	22.06
		1	1	24.97	24.70	**25.34**	24.23	**24.91**	24.38
		1	23	24.96	25.04	25.17	24.27	23.96	24.50
		1	24	24.14	24.05	24.11	23.08	23.44	23.52
		12	6	24.89	24.91	24.96	24.36	24.34	24.41
		25	0	23.94	23.94	24.05	23.43	23.34	23.39
	64QAM	1	0	22.20	22.33	22.36	21.13	21.02	21.13
		1	1	**23.64**	23.54	23.57	**23.07**	22.85	**23.07**
		1	23	23.49	23.63	23.47	22.84	22.81	22.85
		1	24	23.38	23.36	23.41	22.66	23.02	22.72
		12	6	23.50	23.36	23.49	22.79	22.86	22.83
		25	0	23.48	23.37	23.48	22.85	22.90	22.83
	256QAM	1	0	20.47	20.17	20.27	19.44	19.44	19.06
		1	1	21.70	21.58	**21.82**	20.90	**21.20**	20.87
		1	23	21.49	21.64	21.53	21.12	21.09	20.77
		1	24	21.70	21.60	21.56	20.84	20.85	20.72
		12	6	21.45	21.46	21.45	20.84	20.97	20.66
		25	0	21.48	21.46	21.48	20.89	21.01	20.85

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		25.36			24.95	
		1	1		**25.70**			**25.20**	
		1	50		25.58			25.14	
		1	51		25.33			24.82	
		25	12		25.55			25.04	
		50	0		25.40			24.87	
	QPSK	1	0		24.92			24.51	
		1	1		25.45			**25.10**	
		1	50		**25.61**			25.08	
		1	51		24.81			24.46	
		25	12		25.59			25.06	
		50	0		24.87			24.40	
	16QAM	1	0		24.10			23.36	
		1	1		**25.13**			**24.43**	
		1	50		**25.13**			24.40	
		1	51		23.96			23.42	
		25	12		24.96			24.35	
		50	0		23.94			23.38	
	64QAM	1	0		23.55			**23.07**	
		1	1		**23.62**			22.47	
		1	50		23.36			22.71	
		1	51		23.33			22.68	
		25	12		23.40			22.83	
		50	0		23.42			22.87	
	256QAM	1	0		21.60			20.69	
		1	1		**21.72**			**21.20**	
		1	50		21.50			21.04	
		1	51		21.49			21.01	
		25	12		21.29			20.97	
		50	0		21.40			21.01	

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

LTE BAND 26

Test Engineer ID:	39004	Test Date:	2023-11-21

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	25.58	25.59	25.68	25.08	25.08	25.15
		1	2	25.59	25.68	**25.70**	**25.20**	**25.20**	**25.20**
		1	5	25.68	25.68	25.69	25.18	25.17	25.13
		3	0	25.61	25.59	25.67	25.15	25.11	25.17
		3	1	**25.70**	25.61	25.65	25.14	25.10	25.18
		3	2	25.69	**25.70**	25.67	25.15	25.17	25.18
		6	0	24.67	24.57	24.63	24.14	24.09	24.15
	16QAM	1	0	24.68	24.78	24.81	24.40	24.27	24.50
		1	2	24.73	**24.88**	24.81	24.49	24.40	**24.55**
		1	5	24.76	24.84	24.78	24.44	24.39	24.53
		3	0	24.67	24.61	24.78	24.33	24.23	24.34
		3	1	24.76	24.61	24.77	24.34	24.24	24.37
		3	2	24.75	24.71	24.78	24.34	24.31	24.33
		6	0	23.61	23.63	23.70	23.27	23.16	23.21
	64QAM	1	0	23.59	23.70	23.63	23.18	23.18	23.29
		1	2	23.68	**23.73**	23.72	23.22	23.27	**23.33**
		1	5	23.57	23.67	23.70	23.12	23.23	23.32
		3	0	23.49	23.48	23.63	22.98	23.20	23.15
		3	1	23.50	23.55	23.64	22.99	23.18	23.15
		3	2	23.54	23.55	23.63	22.99	23.04	23.17
		6	0	22.41	22.56	22.53	21.94	21.97	22.12
	256QAM	1	0	20.56	20.55	20.57	20.21	20.00	20.13
		1	2	20.63	20.61	20.64	20.16	20.02	**20.23**
		1	5	20.55	20.58	20.61	20.12	19.96	20.18
		3	0	20.40	20.56	**20.70**	19.98	19.97	20.03
		3	1	20.43	20.59	20.69	19.97	19.98	20.07
		3	2	20.42	20.58	**20.70**	20.00	19.99	20.05
		6	0	20.42	20.52	20.47	19.91	19.98	20.08

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	25.60	25.61	25.64	25.09	25.11	25.15
		1	7	**25.70**	**25.70**	**25.70**	**25.20**	**25.20**	**25.20**
		1	14	25.59	25.61	25.60	25.07	25.10	25.09
		8	0	24.58	24.63	24.69	24.15	24.12	24.19
		8	4	24.69	24.66	24.71	24.17	24.14	24.23
		8	7	24.70	24.72	24.71	24.19	24.14	24.21
		15	0	24.65	24.61	24.64	24.14	24.13	24.18
	16QAM	1	0	24.77	24.74	24.82	24.39	24.52	24.52
		1	7	24.86	24.85	**24.93**	24.49	**24.62**	24.59
		1	14	24.72	24.74	24.79	24.34	24.53	24.45
		8	0	23.59	23.66	23.77	23.18	23.21	23.26
		8	4	23.69	23.71	23.80	23.21	23.25	23.29
		8	7	23.70	23.78	23.80	23.20	23.23	23.27
		15	0	23.65	23.66	23.69	23.20	23.14	23.23
	64QAM	1	0	23.82	23.62	23.52	23.19	23.12	23.20
		1	7	**23.86**	23.73	23.63	23.18	**23.24**	23.18
		1	14	23.75	23.64	23.49	23.16	23.10	23.18
		8	0	22.56	22.47	22.42	21.86	21.96	22.08
		8	4	22.62	22.59	22.44	22.00	21.98	22.10
		8	7	22.62	22.57	22.44	21.98	22.04	22.09
		15	0	22.54	22.53	22.37	21.97	22.01	22.06
	256QAM	1	0	20.47	20.50	20.44	19.94	20.08	20.10
		1	7	20.62	**20.67**	20.50	20.04	**20.20**	20.17
		1	14	20.50	20.58	20.41	20.05	20.05	20.07
		8	0	20.56	20.48	20.39	19.87	19.92	20.02
		8	4	20.59	20.57	20.44	20.00	19.94	20.07
		8	7	20.56	20.58	20.42	19.97	20.02	20.09
		15	0	20.55	20.51	20.41	19.93	20.01	20.05

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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	25.59	25.58	25.63	25.10	25.10	25.13
		1	12	**25.70**	**25.70**	**25.70**	**25.20**	**25.20**	**25.20**
		1	24	25.59	25.58	25.62	25.10	25.06	25.11
		12	0	24.53	24.52	24.59	24.08	24.01	24.09
		12	6	24.63	24.55	24.68	24.18	24.05	24.20
		12	11	24.60	24.62	24.68	24.17	24.08	24.18
		25	0	24.62	24.52	24.59	24.14	24.03	24.08
	16QAM	1	0	24.75	24.66	24.79	24.45	24.43	24.59
		1	12	**24.85**	24.78	**24.85**	24.52	24.61	**24.68**
		1	24	24.78	24.67	24.79	24.44	24.38	24.60
		12	0	23.52	23.51	23.55	23.15	23.11	23.13
		12	6	23.62	23.58	23.66	23.27	23.14	23.22
		12	11	23.60	23.59	23.63	23.23	23.18	23.19
		25	0	23.62	23.56	23.59	23.16	23.04	23.14
	64QAM	1	0	23.76	23.34	23.36	23.20	22.98	22.96
		1	12	**23.93**	23.35	23.40	**23.28**	23.04	23.05
		1	24	23.79	23.31	23.32	23.20	22.95	23.12
		12	0	22.13	22.17	22.16	21.90	21.72	21.86
		12	6	22.23	22.26	22.26	21.83	21.76	21.99
		12	11	22.20	22.24	22.18	21.80	21.79	21.95
		25	0	22.21	22.23	22.12	21.81	21.79	21.90
	256QAM	1	0	20.30	20.25	20.20	19.79	19.79	19.94
		1	12	20.40	**20.42**	20.33	19.94	19.89	**20.08**
		1	24	20.34	20.27	20.25	19.86	19.80	20.02
		12	0	20.12	20.14	20.12	19.69	19.75	19.86
		12	6	20.27	20.26	20.21	19.85	19.78	19.95
		12	11	20.22	20.20	20.19	19.80	19.80	19.90
		25	0	20.16	20.20	20.10	19.76	19.82	19.84

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	25.67	25.67	**25.70**	**25.20**	**25.20**	**25.20**
		1	24	**25.70**	**25.70**	**25.70**	**25.20**	25.18	25.19
		1	49	25.66	25.63	25.62	25.12	25.08	25.07
		25	0	24.62	24.62	24.63	24.13	24.12	24.12
		25	12	24.72	24.65	24.72	24.21	24.13	24.13
		25	24	24.69	24.73	24.71	24.19	24.17	24.17
		50	0	24.69	24.63	24.64	24.19	24.11	24.12
	16QAM	1	0	24.77	24.82	24.84	24.52	**24.60**	24.49
		1	24	24.81	24.79	24.82	24.49	24.55	24.47
		1	49	24.79	**24.84**	24.81	24.42	24.56	24.40
		25	0	23.63	23.66	23.65	23.18	23.18	23.15
		25	12	23.74	23.67	23.75	23.27	23.18	23.14
		25	24	23.70	23.74	23.73	23.23	23.24	23.20
		50	0	23.71	23.64	23.64	23.21	23.12	23.11
	64QAM	1	0	23.57	23.38	23.47	23.19	23.04	23.11
		1	24	23.55	23.51	23.43	**23.22**	23.04	23.10
		1	49	**23.63**	23.41	23.40	23.13	23.00	23.04
		25	0	22.31	22.29	22.19	21.87	21.84	21.84
		25	12	22.31	22.39	22.32	21.97	21.85	21.85
		25	24	22.36	22.34	22.26	21.93	21.89	21.90
		50	0	22.34	22.34	22.17	21.94	21.91	21.82
	256QAM	1	0	20.38	20.39	20.23	19.88	19.92	19.95
		1	24	**20.51**	20.42	20.31	19.97	**20.02**	19.95
		1	49	20.47	20.36	20.26	19.81	19.89	19.90
		25	0	20.28	20.27	20.19	19.84	19.86	19.84
		25	12	20.39	20.36	20.28	19.95	19.86	19.83
		25	24	20.33	20.30	20.22	19.89	19.90	19.90
		50	0	20.33	20.33	20.16	19.89	19.88	19.85

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5G NR n26

Test Engineer ID:	28567	Test Date:	2024-01-18

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	24.20	24.20	24.20	23.20	23.20	23.20
		1	1	25.61	**25.70**	25.65	**25.20**	25.04	**25.20**
		1	23	**25.70**	25.67	25.63	25.16	**25.20**	24.97
		1	24	24.20	24.20	24.20	23.20	23.20	23.20
		12	6	25.61	25.63	25.69	25.12	25.16	24.99
		25	0	25.28	25.36	25.37	24.91	24.91	24.75
	QPSK	1	0	24.20	24.20	24.20	23.20	23.20	23.20
		1	1	25.60	25.52	25.60	25.10	25.09	25.00
		1	23	25.49	25.57	25.54	25.10	**25.17**	25.05
		1	24	24.20	24.20	24.20	23.20	23.20	23.20
		12	6	25.60	25.55	**25.70**	25.10	25.02	25.03
		25	0	24.93	24.85	24.92	24.42	24.45	24.29
	16QAM	1	0	24.13	23.75	23.97	23.63	23.50	23.53
		1	1	24.88	24.69	**25.06**	24.24	24.59	24.15
		1	23	24.94	24.68	24.80	24.54	24.57	24.02
		1	24	23.81	23.77	23.96	23.64	23.64	23.40
		12	6	24.99	24.86	24.88	**24.60**	24.54	24.31
		25	0	23.96	23.85	23.98	23.43	23.60	23.26
	64QAM	1	0	23.46	23.52	23.67	23.01	23.10	22.97
		1	1	23.58	23.49	**23.84**	23.01	**23.38**	22.98
		1	23	23.45	23.28	23.41	22.81	23.07	22.78
		1	24	23.21	23.47	23.45	22.98	23.25	22.76
		12	6	23.42	23.45	23.43	22.96	23.13	22.82
		25	0	23.50	23.43	23.43	23.00	23.10	22.84
	256QAM	1	0	21.47	21.35	21.51	20.29	20.91	20.34
		1	1	21.48	21.52	21.58	20.64	20.65	20.60
		1	23	21.45	21.56	21.45	20.77	20.57	20.35
		1	24	**21.62**	21.47	21.38	20.32	20.59	20.36
		12	6	21.54	21.37	21.33	20.80	20.92	20.66
		25	0	21.48	21.42	21.35	20.93	**21.14**	20.81

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	25.46	25.47	25.34	25.05	25.02	24.89
		1	1	25.65	25.64	**25.70**	25.19	25.15	**25.20**
		1	50	**25.70**	**25.70**	25.59	**25.20**	**25.20**	25.15
		1	51	25.38	25.48	25.44	24.90	24.87	24.88
		25	12	25.67	25.52	25.55	25.17	25.11	25.14
		50	0	25.49	25.39	25.44	24.96	25.02	24.95
	QPSK	1	0	24.87	24.92	25.01	24.40	24.48	24.42
		1	1	25.60	25.56	25.61	25.16	25.01	**25.19**
		1	50	25.44	**25.63**	25.50	25.13	25.08	**25.19**
		1	51	24.82	24.99	25.00	24.37	24.40	24.47
		25	12	**25.63**	25.55	25.61	25.12	25.19	25.14
		50	0	25.00	24.82	25.01	24.43	24.48	24.44
	16QAM	1	0	24.06	23.77	24.10	23.36	23.31	23.22
		1	1	25.06	**25.14**	24.83	24.34	**24.74**	24.37
		1	50	24.71	24.71	25.07	24.58	24.65	24.59
		1	51	24.11	24.42	23.93	23.52	23.48	23.22
		25	12	24.96	24.91	25.02	24.54	24.35	24.51
		50	0	24.00	23.96	24.07	23.45	23.49	23.36
	64QAM	1	0	23.40	23.43	**23.71**	23.00	23.06	23.11
		1	1	23.28	23.16	23.55	22.94	23.05	22.91
		1	50	23.61	23.28	23.47	23.13	**23.28**	23.21
		1	51	23.32	23.48	23.42	22.83	22.86	22.94
		25	12	23.49	23.37	23.57	23.09	23.05	23.05
		50	0	23.48	23.32	23.48	23.00	23.00	22.98
	256QAM	1	0	21.61	21.54	21.49	20.42	20.57	20.25
		1	1	21.40	21.56	21.65	20.47	20.39	20.71
		1	50	21.84	21.54	**21.86**	20.66	20.25	20.41
		1	51	21.74	21.20	21.74	20.63	20.52	20.59
		25	12	21.44	21.44	21.57	**21.01**	20.99	20.98
		50	0	21.54	21.49	21.58	20.99	21.00	20.98

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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	25.47	25.36	25.41	22.91	25.02	24.82
		1	1	**25.70**	25.58	**25.70**	23.52	25.12	24.96
		1	77	25.64	**25.70**	25.50	25.15	**25.20**	**25.20**
		1	78	25.39	25.50	25.36	24.92	24.94	24.72
		36	18	25.54	25.57	25.49	24.96	25.03	24.95
		75	0	25.41	25.42	25.29	24.95	24.96	24.78
	QPSK	1	0	24.89	25.05	24.91	21.46	24.51	24.44
		1	1	25.56	25.57	25.40	22.47	25.00	25.10
		1	77	25.48	**25.67**	25.43	24.99	**25.12**	24.94
		1	78	24.86	24.95	24.80	24.39	24.38	24.19
		36	18	25.51	25.62	25.45	25.03	25.11	25.03
		75	0	24.82	24.95	24.81	24.16	24.44	24.36
	16QAM	1	0	23.84	24.15	24.01	20.54	23.35	23.60
		1	1	24.75	24.98	24.58	21.40	**24.70**	24.61
		1	77	24.98	24.91	24.88	24.58	24.30	24.53
		1	78	24.23	23.89	23.54	23.63	23.40	23.37
		36	18	24.86	**24.99**	24.86	24.46	24.43	24.35
		75	0	23.94	23.92	23.88	23.04	23.44	23.34
	64QAM	1	0	23.72	23.23	23.44	19.99	22.68	23.02
		1	1	23.57	23.48	23.54	20.06	**23.22**	22.83
		1	77	23.72	23.59	23.58	23.19	23.06	22.89
		1	78	23.48	**23.80**	23.26	23.02	22.98	22.87
		36	18	23.40	23.42	23.45	23.03	22.93	22.84
		75	0	23.39	23.43	23.43	22.45	22.94	22.87
	256QAM	1	0	21.56	21.54	21.60	18.54	20.59	20.36
		1	1	21.52	21.62	21.53	18.64	20.39	20.53
		1	77	21.63	21.73	**21.81**	20.44	20.64	20.48
		1	78	21.65	21.76	21.64	20.65	20.67	20.44
		36	18	21.47	21.47	21.41	20.90	20.84	20.78
		75	0	21.38	21.40	21.41	20.93	**20.99**	20.80

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	25.44	25.45	25.36	21.96	24.87	24.90
		1	1	**25.70**	25.66	**25.70**	22.43	25.07	25.07
		1	104	25.63	**25.70**	25.49	**25.20**	**25.20**	**25.20**
		1	105	25.43	25.35	25.30	24.85	24.79	24.80
		50	25	25.54	25.63	25.61	24.94	25.07	25.09
		100	0	25.39	25.46	25.33	23.65	24.90	24.91
	QPSK	1	0	24.87	25.03	24.76	20.43	24.44	24.49
		1	1	25.67	25.40	25.44	21.73	**25.10**	25.02
		1	104	25.50	25.53	25.60	25.00	25.04	25.02
		1	105	24.93	24.88	24.78	24.43	24.25	24.32
		50	25	25.65	25.62	**25.67**	24.92	25.09	25.10
		100	0	24.93	24.92	24.87	23.04	24.40	24.42
	16QAM	1	0	24.06	24.19	24.05	6.45	23.64	23.54
		1	1	24.94	24.71	24.85	20.82	24.34	**24.55**
		1	104	24.92	24.76	**25.02**	24.37	24.36	24.51
		1	105	24.28	23.96	23.64	22.92	23.20	23.28
		50	25	24.95	24.84	25.00	23.16	24.34	24.45
		100	0	23.96	23.94	23.91	22.13	23.40	23.47
	64QAM	1	0	**23.67**	23.38	23.37	4.19	22.81	22.90
		1	1	23.27	23.33	23.47	5.77	22.86	22.78
		1	104	**23.67**	23.46	23.47	22.90	22.94	22.88
		1	105	23.29	23.39	23.37	22.84	**22.98**	22.73
		50	25	23.46	23.38	23.38	20.85	22.91	22.96
		100	0	23.45	23.37	23.50	21.59	22.89	22.97
	256QAM	1	0	21.66	21.68	21.84	-1.59	20.76	20.51
		1	1	21.95	21.35	21.68	0.90	20.52	20.90
		1	104	21.90	21.85	21.71	20.33	20.53	20.66
		1	105	**21.98**	21.91	21.60	20.17	20.71	20.55
		50	25	21.47	21.43	21.41	20.07	20.95	**20.98**
		100	0	21.42	21.45	21.40	19.76	20.91	20.91

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8.9. LTE BAND 30 AND 5G NR n30

LTE BAND 30

Test Engineer ID:	39004	Test Date:	2023-11-29

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	25.56	25.56	25.65	23.51	23.54	23.59	25.22	25.17	25.16	22.55	22.58	22.67
		1	12	**25.70**	**25.70**	**25.70**	**23.70**	**23.70**	**23.70**	**25.30**	**25.30**	**25.30**	**22.70**	**22.70**	**22.70**
		1	24	25.61	25.60	25.60	23.59	23.55	23.55	25.20	25.21	25.19	22.59	22.53	22.61
		12	0	24.91	24.84	24.93	22.64	22.54	22.67	24.24	24.26	24.18	21.53	21.58	21.70
		12	6	24.96	24.99	24.96	22.65	22.60	22.71	24.28	24.32	24.22	21.64	21.64	21.70
		12	11	24.91	24.87	24.98	22.61	22.55	22.67	24.26	24.28	24.26	21.61	21.60	21.58
		25	0	24.95	24.86	24.94	22.63	22.54	22.65	24.25	24.28	24.19	21.63	21.56	21.65
	16QAM	1	0	25.03	25.07	25.06	22.72	22.82	22.81	24.64	24.64	24.62	21.71	21.74	21.83
		1	12	25.15	**25.20**	25.09	22.82	22.92	**22.92**	24.73	**24.84**	24.73	21.84	21.87	**21.97**
		1	24	25.10	25.06	25.01	22.80	22.84	22.80	24.62	24.61	24.65	21.78	21.78	21.76
		12	0	23.96	23.90	23.99	21.65	21.62	21.54	23.30	23.39	23.35	20.58	20.64	20.67
		12	6	24.02	23.99	24.00	21.68	21.67	21.58	23.33	23.47	23.39	20.69	20.70	20.73
		12	11	23.98	23.89	23.99	21.67	21.64	21.54	23.39	23.26	23.28	20.66	20.66	20.61
		25	0	24.00	23.87	23.97	21.63	21.58	21.65	23.30	23.27	23.23	20.63	20.58	20.67
	64QAM	1	0	24.18	24.20	24.27	21.84	21.83	21.69	23.07	23.07	23.03	20.73	20.78	20.77
		1	12	**24.29**	24.23	24.26	21.90	**21.93**	21.73	23.09	**23.15**	23.12	20.84	**20.87**	20.82
		1	24	24.27	24.20	24.21	21.88	21.80	21.62	23.08	23.07	22.92	20.77	20.78	20.73
		12	0	23.03	22.93	23.00	20.61	20.57	20.55	21.84	21.87	21.92	19.56	19.60	19.69
		12	6	23.07	23.04	23.03	20.64	20.65	20.60	21.90	21.91	22.00	19.67	19.64	19.74
		12	11	23.05	22.91	22.98	20.62	20.61	20.59	21.87	21.88	21.83	19.64	19.62	19.61
		25	0	22.95	22.88	22.96	20.62	20.55	20.56	21.89	21.87	21.86	19.65	19.62	19.67
	256QAM	1	0	21.04	20.99	21.11	18.66	18.68	18.66	19.88	19.91	20.09	17.61	17.68	17.82
		1	12	**21.17**	21.13	21.10	18.83	**18.88**	18.75	20.01	20.08	**20.14**	17.75	17.83	**17.86**
		1	24	21.11	20.99	21.01	18.79	18.71	18.55	19.94	19.93	19.92	17.67	17.69	17.72
		12	0	20.94	20.83	20.95	18.59	18.51	18.55	19.90	19.89	19.95	17.55	17.59	17.70
		12	6	20.96	20.97	20.91	18.64	18.56	18.57	19.92	19.92	19.97	17.66	17.62	17.70
		12	11	20.93	20.84	20.89	18.61	18.56	18.54	19.90	19.87	19.85	17.65	17.58	17.62
		25	0	20.93	20.84	20.91	18.59	18.55	18.53	19.89	19.87	19.93	17.64	17.56	17.65

OUTPUT POWER FOR LTE BAND 30 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				N/A	27710	N/A	N/A	27710	N/A	N/A	27710	N/A	N/A	27710	N/A
				N/A	2310.0	N/A	N/A	2310.0	N/A	N/A	2310.0	N/A	N/A	2310.0	N/A
10.0	QPSK	1	0		**25.70**			23.62			25.29			22.66	
		1	24		**25.70**			**23.70**			**25.30**			**22.70**	
		1	49		25.67			23.61			25.29			22.62	
		25	0		24.99			22.65			24.34			21.63	
		25	12		25.02			22.67			24.37			21.66	
		25	24		24.99			22.66			24.34			21.62	
		50	0		24.98			22.64			24.35			21.63	
	16QAM	1	0		25.18			22.85			24.63			21.81	
		1	24		**25.24**			**22.93**			**24.66**			**21.86**	
		1	49		25.03			22.78			24.60			21.77	
		25	0		24.01			21.65			23.40			20.64	
		25	12		24.03			21.70			23.42			20.66	
		25	24		24.02			21.70			23.35			20.63	
		50	0		23.98			21.65			23.34			20.63	
	64QAM	1	0		**24.22**			21.76			23.25			20.92	
		1	24		**24.22**			**21.85**			**23.28**			**20.94**	
		1	49		24.08			21.76			23.12			20.83	
		25	0		22.97			20.62			22.00			19.63	
		25	12		23.02			20.67			22.05			19.66	
		25	24		22.98			20.64			21.99			19.64	
		50	0		22.98			20.66			21.98			19.62	
	256QAM	1	0		21.02			18.66			20.14			17.75	
		1	24		**21.19**			**18.82**			**20.27**			**17.89**	
		1	49		21.03			18.65			20.04			17.75	
		25	0		20.95			18.63			20.00			17.62	
		25	12		20.98			18.69			20.01			17.65	
		25	24		20.96			18.63			19.98			17.63	
		50	0		20.98			18.63			20.01			17.63	

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5G NR n30

Test Engineer ID:	28567	Test Date:	2024-01-30

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	20.61	20.62	20.66	18.70	18.70	18.65	19.54	19.89	19.86	17.67	17.50	17.45
		1	1	20.47	20.69	20.69	18.48	18.54	18.67	19.94	19.90	19.81	17.53	17.63	17.33
		1	23	20.60	20.63	20.62	18.42	18.60	18.70	20.00	19.98	19.89	17.54	17.56	17.37
		1	24	20.70	20.70	20.70	18.63	18.70	18.70	19.54	19.99	20.00	17.63	17.70	17.61
		12	6	**25.67**	25.66	25.65	23.49	23.66	**23.70**	20.90	20.89	20.89	18.28	18.26	18.38
		25	0	25.41	25.39	25.40	23.24	23.31	23.32	**25.30**	**25.30**	**25.30**	**22.70**	**22.70**	**22.70**
	QPSK	1	0	20.20	20.21	20.22	18.18	18.00	18.05	19.48	19.86	19.93	17.63	17.58	17.54
		1	1	20.70	20.70	20.70	18.70	18.70	18.70	19.97	19.80	19.90	17.63	17.63	17.34
		1	23	20.61	20.67	20.69	18.48	18.59	18.58	19.96	19.94	19.91	17.64	17.59	17.50
		1	24	20.16	20.12	20.10	18.14	18.16	18.15	19.54	19.97	19.99	17.59	17.57	17.61
		12	6	**25.70**	**25.70**	**25.70**	23.52	**23.60**	23.58	20.85	20.95	20.95	18.32	18.25	18.29
		25	0	24.87	24.96	24.93	22.90	22.90	22.79	**24.90**	24.88	24.90	**22.29**	22.27	22.23
	16QAM	1	0	20.17	19.80	20.05	18.37	18.14	18.11	20.00	19.84	19.99	17.70	17.60	17.17
		1	1	20.67	20.25	20.29	18.11	18.01	18.39	19.66	19.51	19.65	17.70	17.51	17.58
		1	23	20.49	20.34	20.46	17.91	18.31	18.24	20.00	19.69	19.79	17.55	17.60	17.56
		1	24	20.49	20.76	20.63	18.02	18.28	18.43	19.49	20.00	19.89	17.35	17.31	17.70
		12	6	24.90	**24.99**	24.90	22.81	22.83	**22.94**	20.85	20.89	20.90	18.24	18.24	18.37
		25	0	23.92	23.97	24.03	21.77	21.93	21.97	23.86	23.77	**23.92**	**21.24**	21.12	21.22
	64QAM	1	0	20.13	20.49	20.38	18.42	18.27	18.13	19.39	19.56	19.81	17.68	17.29	17.59
		1	1	20.20	20.38	20.41	18.16	18.12	18.09	19.89	19.82	19.61	17.42	17.70	17.48
		1	23	20.35	20.32	20.34	18.20	18.18	17.88	19.99	19.71	19.95	17.39	17.39	17.70
		1	24	20.45	20.55	20.39	18.41	18.34	18.22	19.71	19.99	19.91	17.50	17.41	17.69
		12	6	23.42	23.52	**23.58**	21.34	21.41	**21.43**	20.89	20.88	21.01	18.34	18.25	18.38
		25	0	23.38	23.40	23.44	21.34	21.37	21.42	23.30	23.36	**23.39**	20.66	20.66	**20.73**
	256QAM	1	0	20.50	20.54	20.40	18.70	18.34	18.29	19.28	19.82	19.75	17.56	17.44	17.50
		1	1	20.39	20.62	20.43	18.14	18.25	18.14	19.87	19.65	19.83	17.17	17.56	17.29
		1	23	20.57	20.56	20.50	18.27	18.34	18.46	19.74	20.00	20.00	17.57	17.39	17.55
		1	24	20.56	20.10	20.86	18.31	18.73	18.51	19.46	19.84	19.95	17.57	17.54	17.65
		12	6	21.38	21.46	**21.51**	19.31	19.24	**19.34**	20.80	20.81	20.89	18.11	18.18	18.19
		25	0	21.29	21.39	21.38	19.31	19.31	19.33	21.29	21.29	**21.38**	18.72	18.72	**18.74**

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		20.70			18.65			19.70			17.60	
		1	1		20.70			18.53			19.52			17.59	
		1	50		20.61			18.70			19.72			17.70	
		1	51		20.68			18.70			19.95			17.63	
		25	12		**25.48**			**23.53**			20.73			18.15	
		50	0		25.30			23.32			**25.30**			**22.70**	
	QPSK	1	0		20.10			18.22			19.67			17.54	
		1	1		20.52			18.58			19.61			17.60	
		1	50		20.53			18.55			19.67			17.68	
		1	51		20.20			18.17			19.85			17.70	
		25	12		**25.54**			**23.56**			20.72			18.12	
		50	0		24.83			22.81			**24.78**			**22.16**	
	16QAM	1	0		20.10			18.00			19.74			17.46	
		1	1		20.01			18.48			19.66			17.54	
		1	50		20.38			18.60			19.77			17.41	
		1	51		20.00			18.10			20.00			17.49	
		25	12		**24.77**			**22.85**			20.78			18.16	
		50	0		23.87			21.94			**23.82**			**21.12**	
	64QAM	1	0		20.65			18.50			19.63			17.36	
		1	1		20.55			18.23			19.41			17.49	
		1	50		20.34			18.59			19.70			17.63	
		1	51		20.60			18.55			19.97			17.66	
		25	12		**23.28**			**21.39**			20.76			18.03	
		50	0		23.25			21.35			**23.25**			**20.62**	
	256QAM	1	0		20.00			18.12			19.60			17.67	
		1	1		20.44			18.45			19.54			17.51	
		1	50		20.20			18.40			20.00			17.48	
		1	51		20.40			18.60			19.87			17.53	
		25	12		**21.38**			**19.41**			20.77			18.13	
		50	0		21.22			19.38			**21.24**			**18.60**	

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8.10. LTE BAND 41 AND 5G NR n41

LTE BAND 41

Test Engineer ID:	39004	Test Date:	2023-11-28

OUTPUT POWER FOR LTE BAND 41 (5.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				39675	40620	41565	39675	40620	41565	39675	40620	41565	39675	40620	41565
				2498.5	2593.0	2687.5	2498.5	2593.0	2687.5	2498.5	2593.0	2687.5	2498.5	2593.0	2687.5
5.0	QPSK	1	0	24.68	28.49	27.65	25.26	28.14	27.93	26.15	27.97	23.64	23.25	27.67	26.18
		1	12	27.70	**28.70**	27.70	28.00	28.22	28.00	26.20	**28.00**	26.91	26.30	**27.70**	26.30
		1	24	27.70	28.49	27.64	28.00	28.15	27.98	26.18	27.96	27.00	26.30	27.64	26.24
		12	0	23.74	28.50	26.69	24.33	**28.70**	27.37	25.22	27.33	22.87	22.38	26.80	25.40
		12	6	23.72	28.58	26.77	24.37	28.20	27.43	25.26	27.35	22.98	22.40	26.87	25.40
		12	11	26.74	28.58	26.76	27.28	28.22	27.42	25.24	27.34	25.99	25.64	26.74	25.51
		25	0	23.72	28.49	26.74	24.25	28.16	27.39	25.21	27.31	22.92	22.62	26.82	25.54
	16QAM	1	0	23.87	28.59	26.79	24.72	28.61	27.80	25.70	27.74	23.17	22.67	26.92	25.57
		1	12	26.91	28.58	26.92	27.89	**28.68**	27.83	25.64	27.79	26.38	25.81	**27.02**	25.68
		1	24	26.86	**28.61**	26.82	27.86	28.62	27.78	25.59	**27.86**	26.50	25.83	26.93	25.63
		12	0	22.71	27.55	25.89	23.43	27.27	26.43	24.21	26.44	21.93	21.57	25.92	24.72
		12	6	22.81	27.68	25.93	23.41	27.31	26.46	24.15	26.44	22.10	21.71	25.90	24.61
		12	11	25.70	27.58	25.83	26.30	27.22	26.46	24.34	26.34	25.05	24.64	25.89	24.55
		25	0	22.74	27.53	25.74	23.25	27.21	26.43	24.23	26.28	21.90	21.64	25.90	24.60
	64QAM	1	0	22.95	27.73	25.98	22.24	24.48	24.21	20.91	24.04	**24.36**	21.39	**25.64**	24.11
		1	12	26.01	**27.82**	26.08	24.34	24.58	24.32	23.16	24.22	24.35	24.54	25.62	24.11
		1	24	26.01	27.74	25.95	24.27	**24.61**	24.30	23.32	24.07	24.34	24.57	25.59	24.19
		12	0	21.81	26.58	24.83	21.07	23.40	23.22	19.85	22.96	23.25	20.24	24.46	23.02
		12	6	21.81	26.64	24.87	21.11	23.33	23.24	19.95	23.01	23.26	20.29	24.51	23.09
		12	11	24.84	26.53	24.76	23.09	23.30	23.23	21.99	22.99	23.25	23.33	24.37	23.06
		25	0	21.75	26.53	24.75	20.97	23.30	23.21	19.92	22.96	23.25	20.15	24.45	23.05
	256QAM	1	0	19.86	24.60	22.96	19.14	21.48	21.34	17.77	21.06	21.41	18.24	**22.63**	21.12
		1	12	23.04	**24.82**	23.00	21.19	**21.53**	21.36	20.09	21.09	**21.46**	21.36	**22.63**	21.02
		1	24	22.81	24.70	22.91	20.91	21.39	21.15	20.12	21.10	21.27	21.26	22.45	20.94
		12	0	19.77	24.53	22.80	19.03	21.36	21.22	17.82	20.96	21.27	18.16	22.47	20.86
		12	6	19.80	24.64	22.84	19.09	21.36	21.24	17.96	21.00	21.30	18.26	22.49	20.87
		12	11	22.80	24.61	22.81	21.05	21.36	21.21	20.01	20.99	21.25	21.26	22.43	20.87
		25	0	19.78	24.51	22.80	18.97	21.33	21.20	17.90	20.97	21.25	18.18	22.45	20.85

OUTPUT POWER FOR LTE BAND 41 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				39700	40620	41540	39700	40620	41540	39700	40620	41540	39700	40620	41540
				2501.0	2593.0	2685.0	2501.0	2593.0	2685.0	2501.0	2593.0	2685.0	2501.0	2593.0	2685.0
10.0	QPSK	1	0	22.69	28.49	27.63	23.25	28.29	27.91	20.81	27.97	26.93	21.21	27.59	26.24
		1	24	27.70	28.57	27.70	28.00	28.38	28.00	26.14	**28.00**	27.00	26.25	**27.70**	26.30
		1	49	27.70	28.55	27.68	27.93	28.31	27.93	26.20	27.95	26.93	26.30	27.55	26.29
		25	0	23.78	28.55	26.75	24.34	**28.70**	27.41	22.09	27.38	25.97	22.35	26.80	25.38
		25	12	26.80	28.59	26.81	27.38	28.42	27.44	25.14	27.40	25.99	25.49	26.81	25.41
		25	24	25.77	**28.70**	26.78	26.28	28.38	27.40	24.23	27.38	26.02	24.41	26.71	25.33
		50	0	23.77	28.53	26.77	24.33	28.36	27.44	22.13	27.36	25.93	22.31	26.80	25.36
	16QAM	1	0	21.80	28.56	26.80	22.59	**28.66**	27.63	20.21	27.65	26.28	20.26	**26.89**	25.47
		1	24	26.81	28.00	26.80	27.67	28.47	27.70	25.59	27.71	26.39	25.44	26.85	25.51
		1	49	26.81	**28.65**	26.86	27.59	**28.66**	27.66	25.62	**27.74**	26.35	25.41	26.75	25.47
		25	0	22.82	27.60	25.78	23.33	27.45	26.42	21.15	26.45	25.06	21.37	25.88	24.47
		25	12	25.84	27.63	25.84	26.39	27.39	26.45	24.19	26.48	25.01	24.49	25.90	24.54
		25	24	24.81	27.68	25.84	25.28	27.38	26.39	23.24	26.40	25.10	23.42	25.79	24.40
		50	0	22.79	27.58	25.76	23.35	27.37	26.43	21.14	26.36	24.99	21.36	25.88	24.47
	64QAM	1	0	20.94	27.75	25.93	21.22	24.59	24.33	20.48	24.06	23.73	17.46	24.81	23.77
		1	24	26.03	**27.90**	26.02	24.27	**24.75**	24.45	23.91	**24.16**	23.85	22.80	**24.88**	23.86
		1	49	26.00	27.78	26.01	24.21	24.64	24.42	23.86	24.05	23.75	22.86	24.84	23.83
		25	0	21.82	26.59	24.78	21.06	23.52	23.25	20.53	22.99	22.60	18.48	23.76	22.52
		25	12	24.85	26.62	24.84	23.11	23.51	23.30	22.61	23.02	22.64	21.59	23.81	22.58
		25	24	23.83	26.67	24.83	21.97	23.47	23.22	21.64	22.96	22.69	20.62	23.78	22.61
		50	0	21.81	26.59	24.79	21.06	23.45	23.26	20.52	22.99	22.60	18.51	23.74	22.54
	256QAM	1	0	22.90	24.61	22.91	18.12	21.57	21.23	17.37	**21.11**	20.72	19.40	21.74	20.62
		1	24	22.95	24.74	22.98	21.18	**21.65**	21.33	20.74	21.08	20.79	19.80	21.89	20.79
		1	49	22.93	**24.79**	22.94	21.07	21.55	21.23	20.80	**21.11**	20.76	19.72	**21.90**	20.74
		25	0	22.81	24.58	22.81	19.08	21.53	21.24	18.52	21.01	20.61	19.52	21.76	20.57
		25	12	22.86	24.62	22.88	21.08	21.54	21.33	20.59	21.03	20.64	19.53	21.76	20.60
		25	24	22.84	24.67	22.83	19.98	21.50	21.24	19.65	21.01	20.67	19.55	21.75	20.63
		50	0	22.82	24.57	22.81	19.09	21.48	21.27	18.54	21.00	20.61	19.46	21.75	20.56

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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	22.63	28.57	27.50	23.27	28.18	27.82	20.81	27.95	26.93	21.19	27.63	26.19
		1	37	27.70	28.60	27.57	28.00	28.23	27.86	26.20	27.93	27.00	26.30	27.65	26.27
		1	74	27.69	28.63	27.70	27.96	28.28	28.00	26.19	**28.00**	26.97	26.27	**27.70**	26.30
		36	0	22.77	28.61	26.66	23.37	**28.70**	27.31	21.08	27.35	25.97	21.34	26.87	24.88
		36	16	26.79	28.61	26.67	27.36	28.23	27.35	25.25	27.36	25.98	25.47	26.85	24.84
		36	35	23.76	**28.70**	26.68	24.31	28.25	27.27	22.19	27.33	26.06	22.39	26.78	24.90
		75	0	22.77	28.61	26.65	23.40	28.24	27.32	21.20	27.30	25.97	21.33	26.87	24.91
	16QAM	1	0	21.78	**28.48**	26.73	22.67	28.63	27.63	20.14	27.67	26.32	20.17	**27.04**	24.88
		1	37	26.85	26.58	26.65	27.73	28.61	27.58	25.65	**27.70**	26.35	25.40	26.75	24.89
		1	74	26.83	**28.48**	26.77	27.64	**28.66**	27.58	25.58	27.63	26.36	25.36	26.90	24.96
		36	0	21.77	27.62	25.69	22.40	27.33	26.35	20.09	26.37	24.97	20.34	25.98	23.85
		36	16	25.81	27.63	25.67	26.40	27.28	26.37	24.25	26.37	25.01	24.47	25.96	23.85
		36	35	22.77	27.71	25.71	23.32	27.27	26.31	21.21	26.37	25.06	21.37	25.89	23.92
		75	0	21.79	27.63	25.66	22.40	27.26	26.32	20.24	26.33	24.99	20.34	25.96	23.90
	64QAM	1	0	20.90	27.89	25.80	21.32	24.62	24.39	20.49	24.13	23.78	17.44	24.98	23.63
		1	37	25.93	27.81	25.92	24.28	24.63	24.37	23.90	24.14	23.70	22.77	24.87	23.66
		1	74	25.94	**27.96**	25.97	24.36	**24.68**	24.42	23.93	**24.17**	23.81	22.81	**24.99**	23.59
		36	0	20.80	26.66	24.67	20.15	23.51	23.22	19.57	23.00	22.56	17.45	23.83	22.44
		36	16	24.81	26.63	24.68	23.17	23.41	23.22	22.71	22.98	22.56	21.62	23.82	22.41
		36	35	21.78	26.71	24.69	22.04	23.43	23.16	21.66	22.98	22.66	18.57	23.80	22.50
		75	0	20.80	26.61	24.68	20.11	23.42	23.23	19.70	22.99	22.66	17.60	23.82	22.51
	256QAM	1	0	22.88	24.61	22.71	18.30	21.55	21.17	17.38	21.12	20.71	19.28	**21.97**	20.55
		1	37	22.99	24.73	22.68	21.22	**21.58**	21.38	20.77	21.09	20.67	19.80	21.89	20.53
		1	74	23.02	**24.75**	22.87	21.31	21.57	21.30	20.86	**21.14**	20.86	19.83	**21.97**	20.66
		36	0	22.81	24.61	22.67	18.20	21.47	21.21	17.59	20.98	20.63	19.47	21.83	20.45
		36	16	22.82	24.63	22.69	21.14	21.37	21.21	20.69	20.97	20.60	19.60	21.84	20.42
		36	35	22.82	24.70	22.71	20.07	21.39	21.15	19.69	20.96	20.67	19.59	21.83	20.49
		75	0	22.83	24.61	22.68	18.18	21.39	21.23	17.67	21.00	20.67	19.59	21.85	20.53

OUTPUT POWER FOR LTE BAND 41 (20.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				39750	40620	41490	39750	40620	41490	39750	40620	41490	39750	40620	41490
				2506.0	2593.0	2680.0	2506.0	2593.0	2680.0	2506.0	2593.0	2680.0	2506.0	2593.0	2680.0
20.0	QPSK	1	0	22.60	28.39	27.56	27.99	28.19	27.90	20.70	**28.00**	26.94	26.26	**27.70**	26.28
		1	49	27.70	28.33	27.55	27.96	28.19	27.91	26.10	27.94	26.94	26.22	27.60	26.18
		1	99	27.67	28.38	27.70	27.93	**28.70**	28.00	26.20	27.98	27.00	26.30	**27.70**	26.30
		50	0	22.63	28.31	26.63	27.61	28.24	27.31	21.02	27.33	25.97	25.26	27.04	25.25
		50	24	26.74	28.33	26.66	27.63	28.21	27.37	25.09	27.33	26.08	25.33	27.02	25.31
		50	49	23.67	**28.70**	26.67	27.52	28.22	27.29	22.09	27.31	26.03	25.33	27.04	25.29
		100	0	22.70	28.32	26.65	27.54	28.20	27.34	21.02	27.31	26.04	25.37	27.03	25.30
	16QAM	1	0	21.67	28.28	26.58	27.98	28.56	27.60	20.03	27.69	26.34	25.39	27.00	25.30
		1	49	26.79	**28.45**	26.88	28.00	**28.65**	27.63	26.05	**27.74**	26.46	25.41	**27.19**	25.39
		1	99	26.69	28.41	26.68	27.93	28.45	27.72	25.50	27.60	26.32	25.49	27.01	25.31
		50	0	21.62	27.33	25.66	26.62	27.29	26.38	20.04	26.35	25.01	24.30	26.05	24.29
		50	24	25.73	27.34	25.68	26.66	27.25	26.40	24.12	26.35	25.08	24.38	26.05	24.35
		50	49	22.66	27.42	25.70	26.54	27.23	26.33	21.11	26.32	25.09	24.37	26.05	24.32
		100	0	21.72	27.35	25.64	26.54	27.20	26.37	20.05	26.32	25.11	24.36	26.03	24.28
	64QAM	1	0	20.78	27.42	25.84	21.30	24.14	24.10	20.32	24.17	23.96	18.02	**25.78**	23.85
		1	49	25.88	**27.57**	25.89	24.42	**24.47**	24.12	23.70	**24.26**	23.97	23.44	25.70	23.96
		1	99	25.90	27.47	25.86	24.26	24.23	24.20	23.79	24.09	23.81	23.46	25.68	23.89
		50	0	20.63	26.30	24.62	20.13	23.17	22.98	19.55	23.04	22.69	18.14	24.52	22.70
		50	24	24.76	26.37	24.67	23.11	23.11	22.98	22.61	23.07	22.76	22.23	24.54	22.78
		50	49	21.70	26.43	24.67	22.08	23.14	22.96	21.63	23.06	22.72	19.29	24.56	22.75
		100	0	20.75	26.30	24.62	20.09	23.10	23.02	19.60	23.04	22.74	18.19	24.51	22.81
	256QAM	1	0	22.71	24.44	22.78	18.29	**21.50**	21.23	17.42	**21.22**	20.84	19.99	22.67	20.66
		1	49	22.96	24.39	22.74	21.23	21.20	21.09	20.97	20.89	20.88	20.19	**22.73**	20.88
		1	99	22.92	**24.49**	22.75	21.11	21.49	21.19	20.88	21.16	20.86	20.53	22.66	20.95
		50	0	22.67	24.32	22.65	18.16	21.16	20.96	17.55	21.02	20.70	20.15	22.55	20.72
		50	24	22.75	24.32	22.67	21.08	21.12	21.02	20.61	21.04	20.76	20.24	22.57	20.80
		50	49	22.77	24.40	22.68	20.08	21.11	20.95	19.64	21.04	20.75	20.28	22.55	20.77
		100	0	22.75	24.31	22.68	18.09	21.13	20.99	17.57	21.01	20.74	20.19	22.55	20.79

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5G NR n41

Test Engineer ID:	27342	Test Date:	2024-01-22

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	21.97	25.07	24.80	22.27	25.41	24.34	20.06	24.73	22.70	20.21	24.39	23.23
		1	1	21.95	**28.70**	27.70	22.42	28.67	27.92	20.41	27.68	26.24	20.11	27.89	26.88
		1	22	27.70	28.53	27.47	28.00	**28.70**	28.00	26.30	**27.70**	26.21	26.16	**27.91**	27.00
		1	23	24.08	25.21	25.02	24.32	25.38	24.26	22.79	24.89	22.68	22.53	24.27	23.41
		12	6	24.08	28.48	27.38	24.40	28.64	27.44	22.65	**27.70**	26.19	22.45	27.82	26.83
		24	0	24.10	28.18	27.07	24.41	28.39	27.35	22.63	27.69	25.67	22.44	27.31	26.37
	QPSK	1	0	21.55	25.20	24.93	21.94	25.36	24.35	19.87	24.78	22.69	19.66	24.35	23.29
		1	1	21.49	**28.17**	27.03	21.84	**28.64**	27.94	19.95	27.65	26.26	19.73	**28.00**	26.93
		1	22	27.66	28.00	26.83	27.61	28.56	27.83	26.26	27.67	26.27	26.20	27.94	26.90
		1	23	24.10	25.17	25.06	24.37	25.36	24.37	22.73	24.72	22.67	22.44	24.39	23.37
		12	6	23.09	27.94	26.81	23.44	28.21	27.31	21.66	**27.68**	26.30	21.24	27.83	26.81
		24	0	23.04	27.36	26.20	23.44	27.56	26.76	21.62	27.33	25.14	21.37	26.85	25.83
	16QAM	1	0	21.31	25.22	25.24	22.26	25.40	24.51	19.88	24.39	23.13	19.68	24.19	23.39
		1	1	21.85	**27.62**	26.53	21.76	**28.17**	27.06	19.86	**27.66**	25.17	19.58	26.43	25.74
		1	22	26.57	27.33	26.24	26.82	27.77	26.87	25.46	27.52	25.21	24.93	**27.10**	26.03
		1	23	24.26	25.34	25.25	24.36	25.26	24.34	22.70	24.67	22.89	22.38	24.24	23.33
		12	6	22.71	27.36	26.32	22.95	27.53	26.91	21.30	27.31	25.38	20.91	26.82	25.84
		24	0	22.53	26.73	25.66	22.92	26.69	25.89	21.25	26.30	24.16	20.73	25.71	24.78
	64QAM	1	0	21.03	25.03	24.86	21.56	25.58	24.46	19.46	24.81	22.65	19.45	24.44	23.23
		1	1	20.94	26.05	25.69	21.33	26.33	25.40	19.53	**25.96**	23.79	19.26	25.29	24.29
		1	22	25.01	26.12	25.52	25.31	**26.69**	25.46	24.01	25.91	23.59	23.46	25.28	24.38
		1	23	24.13	25.24	25.09	24.68	25.57	24.44	22.81	24.63	22.91	22.26	24.50	23.25
		12	6	22.55	26.09	25.27	22.89	26.15	25.38	21.23	25.71	23.63	20.86	25.30	24.34
		24	0	22.47	**26.17**	25.34	22.90	26.23	25.39	21.27	25.68	23.65	20.91	**25.35**	24.29
	256QAM	1	0	19.45	24.07	23.90	19.83	**24.56**	23.45	17.94	23.62	21.64	17.62	23.39	22.17
		1	1	19.16	23.86	23.81	19.99	**24.56**	23.11	17.90	23.58	21.81	17.49	23.21	22.24
		1	22	22.92	24.13	24.06	23.59	**24.56**	23.62	21.99	23.73	21.62	21.32	**23.55**	22.37
		1	23	23.11	23.93	23.90	23.27	24.44	23.45	21.58	23.69	21.47	21.23	23.16	22.20
		12	6	20.98	24.04	23.88	21.39	24.48	23.43	19.62	23.77	21.66	19.20	23.18	22.19
		24	0	21.07	**24.16**	23.91	21.46	24.53	23.32	19.68	**23.79**	21.76	19.40	23.33	22.27

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	22.04	25.14	24.96	22.40	25.41	24.50	20.12	24.64	22.70	20.17	24.27	23.26
		1	1	22.05	**28.70**	27.70	22.49	**28.70**	28.00	20.28	27.57	26.30	20.17	27.88	26.94
		1	36	27.70	28.34	27.39	28.00	28.50	27.92	26.26	27.67	26.14	26.20	**28.00**	26.90
		1	37	24.18	25.30	25.07	24.39	25.34	24.51	22.72	24.71	22.75	22.56	24.40	23.36
		18	9	24.06	28.32	27.36	24.32	28.54	27.70	22.59	27.60	26.16	22.48	27.78	26.86
		36	0	24.02	28.10	27.08	24.36	28.35	27.43	22.61	**27.70**	25.69	22.44	27.32	26.36
	QPSK	1	0	21.48	25.30	25.01	21.96	25.36	24.46	19.70	24.69	22.78	19.54	24.21	23.26
		1	1	21.54	**28.14**	27.06	21.85	**28.53**	27.93	19.80	**27.69**	26.28	19.67	27.79	26.93
		1	36	27.53	27.82	26.82	27.46	28.27	27.65	26.30	27.61	26.25	26.15	27.80	27.00
		1	37	24.05	25.32	25.04	24.33	25.39	24.34	22.82	24.55	22.75	22.53	24.32	23.49
		18	9	22.92	27.82	26.81	23.31	27.91	27.41	21.61	27.53	26.15	21.36	**27.85**	26.77
		36	0	23.07	27.29	26.29	23.37	27.28	26.73	21.61	27.17	25.15	21.43	26.69	25.89
	16QAM	1	0	21.45	25.01	24.83	21.90	25.35	24.43	19.76	24.83	22.49	19.79	24.29	23.10
		1	1	21.66	**27.53**	26.65	22.04	**27.77**	26.82	20.14	27.06	25.36	19.59	**26.72**	25.69
		1	36	26.44	27.11	26.23	26.76	27.61	26.71	25.19	27.14	25.44	24.88	26.68	26.24
		1	37	24.16	25.39	25.37	24.29	25.38	24.57	22.97	25.00	22.62	22.66	24.09	23.62
		18	9	22.57	27.32	26.13	22.93	27.30	26.76	21.22	**27.18**	25.10	20.89	26.71	25.84
		36	0	22.53	26.70	25.53	22.85	26.40	25.89	21.17	26.09	24.07	20.75	25.69	24.85
	64QAM	1	0	21.14	25.48	24.90	21.32	25.36	24.43	19.62	24.77	22.95	19.19	24.51	23.30
		1	1	21.12	**26.42**	25.47	21.36	26.16	25.56	19.52	25.37	23.68	19.12	25.19	24.20
		1	36	25.00	26.28	25.34	25.16	**26.20**	25.48	23.82	25.62	23.41	23.62	**25.34**	24.25
		1	37	24.12	25.37	25.02	24.66	25.16	24.47	22.69	24.76	22.64	22.64	24.26	23.73
		18	9	22.58	26.28	25.09	22.89	25.82	25.39	21.33	**25.66**	23.66	20.79	25.29	24.31
		36	0	22.47	26.23	25.14	22.90	25.97	25.39	21.21	25.57	23.65	20.84	25.31	24.38
	256QAM	1	0	19.29	24.15	24.05	20.02	24.27	23.77	17.75	23.30	21.48	17.20	23.01	22.41
		1	1	19.40	24.09	24.02	19.85	24.28	23.34	17.94	23.63	21.71	17.58	**23.32**	22.21
		1	36	23.02	24.33	24.16	23.25	24.18	23.58	21.85	**23.77**	21.58	21.30	23.26	22.32
		1	37	23.11	**24.46**	24.04	23.09	**24.49**	23.22	22.08	23.61	21.59	21.23	23.30	22.33
		18	9	20.93	24.12	23.94	21.31	24.29	23.38	19.71	23.47	21.58	19.22	23.23	22.24
		36	0	20.97	24.18	24.00	21.41	24.31	23.49	19.72	23.55	21.64	19.36	23.26	22.30

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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	22.03	25.05	24.83	22.33	25.51	24.58	20.07	24.66	22.86	20.12	24.35	23.41
		1	1	22.20	**28.70**	27.70	22.39	**28.70**	27.95	20.14	27.66	26.22	20.19	27.82	26.86
		1	49	27.68	28.30	27.21	28.00	28.64	27.95	26.30	**27.70**	26.29	26.20	**28.00**	27.00
		1	50	24.21	25.20	24.86	24.25	25.39	24.45	22.70	24.65	22.77	22.61	24.35	23.47
		25	12	24.14	28.27	27.22	24.25	28.61	28.00	22.47	27.56	26.29	22.51	27.89	26.94
		50	0	24.14	28.09	26.96	24.27	28.43	27.45	22.48	27.63	25.73	22.44	27.41	26.41
	QPSK	1	0	21.60	25.20	24.84	21.82	25.45	24.41	19.61	24.72	22.85	19.60	24.43	23.35
		1	1	21.57	**28.04**	27.03	21.86	**28.55**	28.00	19.76	**27.66**	26.29	19.53	**27.96**	26.88
		1	49	27.70	27.66	26.64	27.39	28.30	27.63	26.30	27.51	26.30	25.94	27.86	26.92
		1	50	24.30	25.24	24.87	24.32	25.44	24.42	22.82	24.63	22.74	22.54	24.34	23.43
		25	12	23.16	27.74	26.65	23.35	28.05	27.34	21.58	27.53	26.29	21.34	27.85	26.92
		50	0	23.08	27.19	26.17	23.34	27.36	26.88	21.57	27.13	25.26	21.35	26.87	25.88
	16QAM	1	0	21.70	25.46	24.81	21.82	25.65	24.33	19.87	24.72	22.74	19.52	24.37	23.08
		1	1	21.76	**27.52**	26.36	21.94	27.68	26.71	19.94	**27.40**	25.42	19.56	**27.04**	25.86
		1	49	27.04	27.00	26.02	26.60	**27.87**	27.13	25.33	26.92	25.22	24.93	26.75	25.98
		1	50	24.41	25.52	25.04	24.47	25.21	24.63	22.60	24.22	22.98	23.01	24.30	23.34
		25	12	22.65	27.15	26.10	22.84	27.23	26.73	21.16	27.21	25.11	20.76	26.95	25.83
		50	0	22.68	26.61	25.48	22.80	26.48	25.86	21.09	26.16	24.23	20.87	25.77	24.83
	64QAM	1	0	21.04	24.94	24.81	21.19	25.32	24.46	19.42	24.55	22.84	19.20	24.25	23.21
		1	1	21.03	26.17	25.46	21.40	26.18	25.42	19.08	**25.68**	23.81	19.19	25.22	24.16
		1	49	25.32	**26.32**	25.10	25.20	**26.39**	25.63	23.63	25.65	23.63	23.55	25.35	24.26
		1	50	24.46	25.29	25.06	24.33	25.43	24.23	22.78	24.63	22.57	22.42	24.54	23.31
		25	12	22.70	26.17	25.14	22.79	26.08	25.44	21.19	25.65	23.79	20.93	25.31	24.29
		50	0	22.64	26.19	25.11	22.82	26.10	25.49	21.09	**25.68**	23.79	20.85	**25.37**	24.30
	256QAM	1	0	19.60	24.22	23.76	19.64	24.54	23.21	17.72	23.64	21.93	17.43	23.23	22.07
		1	1	19.44	24.15	23.54	19.93	**24.62**	23.47	17.59	23.50	21.94	17.34	23.19	21.97
		1	49	23.32	23.96	23.89	23.55	24.51	23.46	21.70	23.52	21.53	21.39	23.10	22.34
		1	50	23.16	**24.29**	24.00	23.17	24.52	23.63	21.61	**23.80**	21.57	21.45	23.24	22.32
		25	12	21.17	24.12	23.86	21.39	24.47	23.43	19.57	23.73	21.75	19.43	23.26	22.36
		50	0	21.08	24.04	23.68	21.36	24.53	23.40	19.52	23.58	21.75	19.39	**23.35**	22.27

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	21.86	25.19	24.51	22.29	25.41	24.40	20.12	24.68	22.74	20.00	24.37	23.18
		1	1	21.90	**28.70**	27.70	22.37	28.63	27.94	20.14	27.61	26.27	19.94	27.93	26.86
		1	76	27.61	28.12	26.95	28.00	**28.70**	28.00	26.30	**27.70**	26.23	26.15	**28.00**	26.89
		1	77	24.09	25.43	24.64	24.38	25.58	24.53	22.88	24.71	22.70	22.50	24.32	23.35
		36	18	23.96	28.14	26.99	24.26	28.61	27.85	22.61	27.50	26.13	22.37	27.75	26.64
		75	0	23.97	27.92	26.73	24.30	28.42	27.41	22.62	27.56	25.67	22.37	27.31	26.20
	QPSK	1	0	21.37	25.14	24.43	21.68	25.42	24.43	19.64	24.69	22.66	19.53	24.25	23.22
		1	1	21.42	**28.15**	27.09	21.76	**28.40**	27.86	19.71	**27.60**	26.13	19.55	27.83	26.74
		1	76	27.70	27.59	26.22	27.45	28.26	27.37	26.30	27.55	26.30	26.20	**27.97**	27.00
		1	77	24.11	25.41	24.70	24.42	25.42	24.43	22.89	24.71	22.61	22.62	24.22	23.31
		36	18	22.93	27.68	26.40	23.25	27.90	27.38	21.68	27.52	26.11	21.42	27.76	26.69
		75	0	22.93	27.19	25.88	23.28	27.14	26.74	21.71	27.13	25.09	21.33	26.75	25.71
	16QAM	1	0	21.43	24.97	24.16	21.88	25.71	24.27	19.81	24.77	22.67	19.70	24.45	23.33
		1	1	21.24	**27.65**	26.67	21.87	**27.76**	27.00	19.65	**27.55**	25.52	19.70	26.66	25.94
		1	76	26.31	27.15	25.70	26.72	27.35	26.44	25.49	27.25	25.07	24.99	**26.97**	25.80
		1	77	24.36	25.39	24.80	24.70	25.57	24.36	22.76	24.97	22.61	22.72	24.62	23.48
		36	18	22.45	27.15	25.79	22.84	27.11	26.44	21.09	27.14	25.11	20.82	26.81	25.66
		75	0	22.37	26.63	25.26	22.85	26.26	25.83	21.09	26.13	24.09	20.86	25.82	24.74
	64QAM	1	0	21.12	25.11	24.33	21.32	25.35	24.31	19.43	24.91	22.53	18.98	24.28	23.21
		1	1	21.03	26.11	25.24	21.18	**26.22**	25.38	19.17	25.44	23.97	18.97	25.27	23.93
		1	76	25.15	26.08	24.85	25.18	26.06	25.21	23.82	**25.89**	23.80	23.54	**25.43**	24.15
		1	77	23.96	25.16	24.69	24.40	25.17	24.47	22.78	24.89	22.48	22.50	24.32	23.20
		36	18	22.44	26.19	24.86	22.79	25.76	25.31	21.09	25.72	23.58	20.81	25.27	24.17
		75	0	22.40	**26.33**	24.94	22.89	25.86	25.40	21.14	25.73	23.59	20.82	25.28	24.23
	256QAM	1	0	19.64	23.97	23.11	19.79	24.33	23.12	17.69	23.71	21.74	17.15	23.30	22.26
		1	1	19.51	24.29	23.46	19.72	**24.61**	23.66	17.74	23.45	21.63	17.34	23.02	22.02
		1	76	22.96	24.32	23.60	23.34	24.35	23.56	21.96	**23.91**	21.89	21.39	23.31	22.30
		1	77	23.16	**24.62**	23.67	23.31	24.35	23.56	22.04	**23.91**	21.72	21.26	**23.45**	22.12
		36	18	20.93	24.32	23.45	21.32	24.34	23.32	19.53	23.62	21.67	19.35	23.21	22.13
		75	0	20.89	24.32	23.46	21.38	24.38	23.38	19.52	23.71	21.67	19.31	23.29	22.15

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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	21.91	25.06	24.88	22.45	25.48	24.50	20.08	24.62	22.76	20.28	24.24	23.62
		1	1	21.92	**28.70**	27.70	22.36	**28.70**	28.00	20.06	**27.70**	26.26	20.14	27.94	27.00
		1	104	27.70	27.91	26.48	28.00	28.61	27.82	26.21	27.41	26.30	26.20	**28.00**	26.56
		1	105	24.05	25.25	25.14	24.44	25.41	24.39	22.79	24.70	22.68	22.72	24.36	23.60
		50	25	23.95	27.96	26.72	24.28	28.48	27.84	22.57	27.48	26.14	22.58	27.78	26.06
		100	0	23.95	27.79	26.53	24.31	28.17	27.36	22.56	27.50	25.57	22.50	27.25	25.76
	QPSK	1	0	21.38	25.03	24.85	21.88	25.49	24.36	19.55	24.76	22.65	19.64	24.44	23.57
		1	1	21.28	**28.07**	27.01	21.99	**28.49**	27.75	19.65	**27.65**	26.19	19.61	27.73	25.93
		1	104	27.56	27.33	25.69	27.57	28.10	27.14	26.30	27.45	26.10	26.11	**27.89**	25.68
		1	105	23.96	25.14	25.08	24.45	25.48	24.42	22.85	24.71	22.68	22.56	24.34	23.76
		50	25	22.86	27.48	26.13	23.37	27.94	27.19	21.55	27.45	26.07	21.54	27.79	25.93
		100	0	22.85	27.01	25.64	23.32	26.97	26.55	21.58	26.87	25.10	21.54	26.78	25.43
	16QAM	1	0	21.54	25.22	24.81	22.07	25.33	24.58	19.84	24.73	22.74	19.89	24.13	23.92
		1	1	21.65	**27.74**	26.50	21.85	**27.79**	26.86	19.67	**27.14**	24.76	19.41	26.81	26.05
		1	104	27.04	26.91	25.16	26.67	27.44	26.38	25.35	27.08	25.22	25.07	**26.82**	25.64
		1	105	24.48	25.48	24.43	24.50	25.60	24.22	22.57	24.80	22.44	22.81	24.30	23.64
		50	25	22.35	27.03	25.61	22.86	27.07	26.60	21.12	27.09	25.13	20.97	26.65	25.41
		100	0	22.37	26.46	25.06	22.91	26.14	25.65	21.10	26.07	24.16	21.03	25.75	24.79
	64QAM	1	0	20.81	25.09	24.60	21.29	25.32	24.52	18.91	24.71	22.46	19.19	24.37	23.70
		1	1	20.94	25.85	25.55	21.50	**26.34**	25.74	18.93	**25.79**	23.60	19.16	25.29	24.41
		1	104	25.01	**26.07**	23.93	25.50	25.98	25.20	23.91	25.73	23.77	23.65	**25.40**	24.70
		1	105	23.98	24.66	24.34	24.40	25.38	24.19	22.70	24.81	22.48	22.57	24.34	23.65
		50	25	22.39	26.04	24.69	22.86	25.73	25.35	21.01	25.63	23.58	21.02	25.16	24.31
		100	0	22.35	25.98	24.79	22.91	25.78	25.24	21.03	25.73	23.62	20.99	25.16	24.46
	256QAM	1	0	19.18	24.05	23.89	19.77	24.33	23.41	17.68	**24.04**	21.57	17.32	23.39	22.67
		1	1	19.44	24.23	24.05	19.79	24.45	23.31	17.46	23.97	21.64	17.40	23.33	22.31
		1	104	22.95	24.27	23.22	23.38	**24.61**	23.28	21.91	23.92	21.63	21.57	**23.41**	22.40
		1	105	23.04	**24.40**	22.95	23.47	24.32	23.44	21.94	23.62	21.73	21.62	23.31	22.75
		50	25	20.85	23.98	23.70	21.31	24.37	23.37	19.45	23.68	21.66	19.48	23.16	22.45
		100	0	20.86	24.02	23.80	21.41	24.40	23.37	19.49	23.70	21.67	19.46	23.18	22.48

OUTPUT POWER FOR 5G NR n41 (50.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 2			ANT 1			ANT 4			ANT 3		
				504200	518600	533000	504200	518600	533000	504200	518600	533000	504200	518600	533000
				2521.0	2593.0	2665.0	2521.0	2593.0	2665.0	2521.0	2593.0	2665.0	2521.0	2593.0	2665.0
50.0	BPSK	1	0	21.83	24.97	24.58	22.36	25.52	24.42	20.06	24.55	22.90	20.21	24.36	23.27
		1	1	21.88	**28.70**	27.70	22.37	28.63	27.93	19.97	27.53	26.23	20.31	27.88	26.93
		1	131	27.70	28.26	26.25	28.00	**28.64**	28.00	26.30	**27.70**	26.25	26.16	**27.90**	26.99
		1	132	24.04	25.41	25.01	24.48	25.48	24.27	22.75	24.47	22.73	22.75	24.46	23.62
		64	32	23.92	28.10	26.70	24.39	28.60	27.90	22.69	27.49	26.20	22.68	27.73	27.00
		128	0	24.02	27.99	26.44	24.37	28.43	27.35	22.56	27.51	25.65	22.71	27.30	26.40
	QPSK	1	0	21.33	25.12	24.62	21.91	25.41	24.37	19.42	24.84	22.68	19.71	24.36	23.37
		1	1	21.38	**28.53**	27.00	21.89	**28.70**	27.90	19.50	27.50	26.30	19.81	27.89	26.91
		1	131	27.57	27.59	25.66	27.82	28.22	27.27	26.26	**27.69**	26.07	26.20	**28.00**	26.67
		1	132	24.07	25.44	24.87	24.41	25.37	24.34	22.64	24.63	22.71	22.90	24.33	23.53
		64	32	22.96	27.68	26.13	23.47	28.20	27.35	21.58	27.47	26.16	21.71	27.69	26.36
		128	0	22.95	27.30	25.67	23.33	27.26	26.53	21.52	26.99	25.16	21.63	26.75	25.84
	16QAM	1	0	21.84	24.77	24.44	21.64	25.41	24.89	19.41	24.90	22.52	20.16	24.16	23.63
		1	1	21.61	**27.58**	26.55	21.86	**27.91**	26.78	19.58	27.01	24.94	19.95	**27.08**	26.13
		1	131	26.58	27.16	25.18	26.94	27.73	26.67	24.94	26.99	25.27	25.23	26.52	25.89
		1	132	24.03	25.33	24.52	24.32	25.55	24.43	22.85	24.65	22.67	22.77	24.02	23.51
		64	32	22.39	27.16	25.61	22.86	27.41	26.77	21.05	**27.14**	25.16	21.12	26.69	25.76
		128	0	22.45	26.71	25.04	22.99	26.47	25.76	21.05	26.09	24.22	21.07	25.67	24.88
	64QAM	1	0	21.00	25.05	24.67	21.44	25.48	24.34	19.04	24.89	22.84	19.48	24.12	23.54
		1	1	21.10	26.11	25.71	21.28	**26.61**	25.64	19.12	**25.77**	23.44	19.10	24.91	23.98
		1	131	24.88	**26.27**	24.31	25.48	26.39	25.32	23.67	25.64	23.86	23.57	**25.32**	24.27
		1	132	24.07	25.06	24.06	24.72	25.28	24.23	22.93	24.73	22.89	22.78	24.40	23.32
		64	32	22.38	26.11	24.55	22.86	26.01	25.21	21.03	25.61	23.63	21.14	25.13	24.38
		128	0	22.40	26.14	24.69	22.99	26.09	25.38	21.03	25.62	23.74	21.08	25.24	24.32
	256QAM	1	0	19.21	23.72	23.34	19.94	24.55	23.50	17.52	23.44	21.60	17.78	22.98	21.99
		1	1	19.23	23.99	23.41	20.02	**24.59**	23.26	17.47	23.46	21.73	18.09	23.14	22.07
		1	131	22.92	**24.23**	22.89	23.29	24.57	23.36	21.68	**23.77**	21.65	21.72	22.94	22.43
		1	132	22.71	24.04	23.17	23.50	24.32	23.27	21.81	23.19	21.75	21.66	**23.23**	22.42
		64	32	20.90	24.00	23.51	21.37	24.42	23.31	19.51	23.58	21.62	19.66	23.15	22.32
		128	0	20.84	24.02	23.47	21.45	24.41	23.31	19.44	23.63	21.75	19.65	23.14	22.35

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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	22.02	25.12	24.51	22.31	25.36	24.81	20.07	24.66	23.28	20.45	24.37	23.15
		1	1	21.99	**28.70**	27.70	22.32	**28.70**	28.00	20.23	27.61	26.30	20.55	**27.89**	26.79
		1	160	27.70	28.46	26.32	28.00	28.45	27.25	26.30	27.63	25.95	26.20	27.87	27.00
		1	161	24.29	25.50	24.80	24.33	25.17	24.62	22.75	24.67	23.17	22.77	24.36	23.47
		81	40	24.23	28.28	26.82	24.37	28.48	27.68	22.68	27.63	26.14	22.85	27.77	26.88
		162	0	24.23	28.19	26.57	24.43	28.34	27.58	22.59	**27.70**	26.16	22.86	27.36	26.41
	QPSK	1	0	21.59	24.96	24.53	21.79	25.26	24.70	19.55	24.68	23.15	19.88	24.24	23.34
		1	1	21.57	**28.62**	26.93	21.73	**28.54**	27.49	19.53	27.66	26.07	20.00	**28.00**	26.87
		1	160	27.61	27.78	25.56	28.00	28.17	26.69	26.25	27.53	25.84	26.18	27.76	26.70
		1	161	24.05	25.41	24.71	24.44	25.30	24.59	22.73	24.75	23.08	22.81	24.33	23.34
		81	40	23.14	27.79	26.36	23.45	28.17	26.75	21.65	**27.67**	26.12	21.83	27.82	26.58
		162	0	23.11	27.44	25.78	23.47	27.24	26.11	21.62	27.12	25.05	21.81	26.84	25.91
	16QAM	1	0	21.78	25.19	24.65	22.02	25.42	24.98	19.36	24.78	23.16	20.37	24.49	23.49
		1	1	21.67	**27.48**	26.66	21.67	**27.66**	26.53	19.68	27.08	25.85	20.41	26.80	25.92
		1	160	26.51	27.41	25.17	27.20	27.11	25.92	25.56	**27.54**	24.91	25.14	**27.16**	25.99
		1	161	24.16	25.28	24.43	24.89	25.22	24.85	22.52	24.67	23.21	22.75	24.81	23.54
		81	40	22.61	27.35	25.84	23.01	27.51	26.28	21.08	27.22	25.35	21.26	26.70	25.84
		162	0	22.61	26.85	25.25	23.00	26.38	25.44	21.13	26.27	24.38	21.29	25.77	24.87
	64QAM	1	0	21.10	25.09	24.56	21.36	25.17	25.11	19.19	24.68	23.21	19.03	24.10	23.12
		1	1	21.04	26.13	25.53	21.64	**26.42**	25.32	19.32	**25.97**	23.81	19.46	**25.49**	24.08
		1	160	25.59	**26.36**	24.45	25.44	26.29	24.54	23.67	25.91	23.84	23.55	25.13	24.19
		1	161	23.92	25.41	24.01	24.25	25.07	24.38	22.42	24.60	23.01	23.07	24.21	23.36
		81	40	22.55	26.29	24.99	22.95	25.87	24.74	21.10	25.67	24.06	21.27	25.14	24.28
		162	0	22.63	**26.36**	25.03	22.90	25.94	24.92	21.13	25.74	24.00	21.22	25.27	24.38
	256QAM	1	0	19.53	23.97	23.75	19.78	**24.38**	23.77	17.38	**23.85**	22.15	17.85	23.06	21.82
		1	1	19.57	24.46	23.46	19.89	24.06	23.54	17.79	23.74	22.20	17.54	23.23	21.84
		1	160	23.19	**24.47**	23.31	23.43	24.22	23.16	21.93	23.66	22.36	21.93	23.06	22.29
		1	161	23.14	24.33	23.07	23.17	24.07	23.06	21.38	23.49	22.04	21.59	22.65	21.96
		81	40	21.06	24.23	23.62	21.51	24.25	23.28	19.55	23.82	22.24	19.77	**23.27**	22.38
		162	0	21.07	24.22	23.68	21.43	24.33	23.44	19.56	23.78	22.25	19.78	23.24	22.34

OUTPUT POWER FOR 5G NR n41 (70.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 2			ANT 1			ANT 4			ANT 3		
				506200	518600	531000	506200	518600	531000	506200	518600	531000	506200	518600	531000
				2531.0	2593.0	2655.0	2531.0	2593.0	2655.0	2531.0	2593.0	2655.0	2531.0	2593.0	2655.0
70.0	BPSK	1	0	22.03	23.51	24.61	22.79	23.56	24.67	20.76	22.77	23.44	20.09	22.32	23.23
		1	1	22.13	23.41	27.70	22.87	23.49	28.00	20.86	22.72	26.25	20.32	22.26	26.81
		1	187	27.70	**28.70**	26.53	28.00	28.50	27.22	26.30	**27.70**	26.19	26.20	27.91	27.00
		1	188	24.20	25.65	24.94	24.72	25.41	24.71	23.43	24.57	23.12	22.57	24.35	23.41
		90	45	24.20	28.60	27.22	24.75	**28.70**	27.77	23.32	27.54	26.26	22.69	**28.00**	26.86
		180	0	24.23	28.51	26.87	24.72	28.41	27.27	23.26	27.49	26.30	22.67	27.49	26.30
	QPSK	1	0	21.52	23.04	24.59	22.22	23.05	24.64	20.21	22.13	23.50	19.78	21.66	23.22
		1	1	21.51	23.02	27.05	22.22	23.05	27.50	20.15	22.25	26.28	19.65	21.92	26.91
		1	187	27.65	**28.24**	25.81	27.90	**28.30**	26.55	26.23	27.59	26.07	25.98	27.91	26.57
		1	188	24.27	25.73	24.89	24.62	25.48	24.50	23.29	24.64	23.16	22.40	24.36	23.45
		90	45	23.12	28.16	26.73	23.70	28.21	26.90	22.29	**27.60**	26.21	21.68	**27.98**	26.88
		180	0	23.14	27.75	26.08	23.73	27.14	26.05	22.34	26.91	25.23	21.64	26.96	25.78
	16QAM	1	0	21.90	23.28	24.23	22.10	22.98	24.77	20.33	21.95	23.45	19.44	21.87	23.10
		1	1	21.46	22.42	26.50	22.38	23.39	26.58	20.32	22.46	25.64	20.00	22.12	25.85
		1	187	26.91	**27.65**	25.23	27.38	**27.45**	26.04	25.71	**27.11**	25.00	25.06	**27.13**	25.69
		1	188	23.90	25.69	24.67	24.83	25.93	24.50	23.36	24.52	23.24	22.95	24.40	23.65
		90	45	22.66	27.63	26.19	23.29	27.34	26.01	21.87	27.08	25.37	21.08	26.89	25.80
		180	0	22.60	27.07	25.49	23.26	26.47	25.21	21.76	26.20	24.59	21.08	25.92	24.80
	64QAM	1	0	21.18	22.34	24.66	21.82	22.75	24.56	19.64	21.72	23.47	19.19	21.26	23.36
		1	1	20.87	22.41	25.47	21.77	22.63	25.41	19.70	21.83	24.44	19.27	21.39	24.09
		1	187	24.99	**26.73**	24.28	25.57	**26.15**	24.39	24.57	25.52	23.78	23.48	25.17	24.36
		1	188	24.05	25.32	24.36	24.53	25.10	24.51	23.28	24.24	23.38	22.06	24.31	23.38
		90	45	22.59	26.55	25.17	23.29	25.95	24.63	21.73	25.62	23.96	21.08	25.35	24.20
		180	0	22.59	26.59	25.09	23.29	25.98	24.69	21.78	**25.67**	23.96	21.12	**25.39**	24.31
	256QAM	1	0	19.81	20.92	23.50	20.26	21.03	23.63	17.94	20.25	22.26	17.33	19.74	22.09
		1	1	19.68	21.09	23.78	20.29	21.00	23.44	18.07	20.28	22.28	17.21	19.70	22.00
		1	187	23.19	24.34	22.95	23.47	24.36	23.27	22.14	**23.73**	22.08	21.83	22.94	22.19
		1	188	23.28	**24.61**	22.98	23.51	24.34	23.19	22.31	23.60	21.86	21.41	23.09	21.89
		90	45	21.13	24.50	23.60	21.72	24.49	23.26	20.39	23.65	22.39	19.70	**23.44**	22.31
		180	0	21.12	24.52	23.62	21.75	**24.50**	23.38	20.30	23.61	22.42	19.57	23.33	22.30

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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	21.85	23.18	24.65	22.92	23.54	24.81	20.85	22.70	23.40	20.43	22.14	23.03
		1	1	21.80	23.16	27.70	22.96	23.62	28.00	20.99	22.91	26.23	20.16	22.45	26.70
		1	215	27.70	**28.70**	26.45	28.00	**28.70**	27.15	26.30	27.48	26.13	26.20	**28.00**	27.00
		1	216	23.97	25.64	25.04	24.80	25.30	24.59	23.62	24.61	23.22	22.57	24.52	23.37
		108	54	23.94	28.55	27.40	25.01	28.67	27.83	23.56	**27.70**	26.28	22.75	27.97	26.88
		216	0	23.92	28.50	26.96	24.93	28.39	27.32	23.48	27.55	26.30	22.70	27.48	26.31
	QPSK	1	0	21.34	22.70	24.73	22.46	22.93	24.50	20.30	22.08	23.39	19.71	21.68	23.19
		1	1	21.19	22.88	27.09	22.30	22.77	27.62	20.30	22.05	26.20	19.76	21.85	26.74
		1	215	27.31	**28.20**	25.71	27.95	27.81	26.48	26.19	**27.57**	25.91	26.20	27.94	26.41
		1	216	23.85	25.69	25.12	24.77	25.34	24.74	23.50	24.56	23.20	22.65	24.54	23.33
		108	54	22.95	28.08	26.86	23.92	**28.15**	26.94	22.53	27.55	26.04	21.71	**27.99**	26.83
		216	0	22.95	27.74	26.17	23.97	27.14	26.19	22.49	27.08	25.53	21.62	27.02	25.75
	16QAM	1	0	20.95	22.75	24.62	22.41	22.70	24.83	20.51	22.38	23.43	19.95	21.81	23.01
		1	1	21.27	22.87	26.32	22.39	22.62	26.64	20.29	22.05	25.95	20.02	22.07	25.79
		1	215	26.71	**27.64**	25.27	**27.50**	27.34	25.78	26.03	26.66	25.16	25.10	**27.15**	25.99
		1	216	24.13	25.92	24.57	24.71	25.37	24.62	23.95	24.75	23.18	22.29	24.43	23.23
		108	54	22.46	27.53	26.29	23.47	27.21	26.23	22.08	**27.10**	25.33	21.21	26.98	25.82
		216	0	22.42	27.00	25.51	23.44	26.46	25.46	22.04	26.07	24.71	21.14	25.93	24.78
	64QAM	1	0	20.84	22.20	24.63	21.80	22.55	24.77	19.70	21.93	23.49	19.56	21.22	23.35
		1	1	20.75	21.86	25.47	21.44	23.02	25.26	19.47	21.65	24.33	19.41	21.22	24.07
		1	215	25.21	**26.54**	24.59	**26.12**	25.74	24.43	24.76	**25.77**	23.62	23.41	25.31	24.42
		1	216	23.88	25.65	24.17	24.71	25.72	24.22	23.46	24.56	23.36	22.26	24.46	23.33
		108	54	22.40	26.47	25.36	23.46	25.80	24.75	22.07	25.66	23.95	21.24	**25.43**	24.35
		216	0	22.35	26.48	25.22	23.43	25.98	24.96	22.03	25.72	24.23	21.09	25.36	24.24
	256QAM	1	0	19.21	20.54	23.58	20.32	20.64	23.66	18.32	19.99	22.17	17.60	19.64	22.03
		1	1	19.44	20.85	23.90	20.40	20.70	23.73	18.34	19.67	22.09	17.58	19.73	22.12
		1	215	22.80	24.52	23.13	23.87	24.32	23.12	22.67	**24.11**	22.26	21.56	**23.79**	22.30
		1	216	22.95	**24.71**	23.10	24.06	24.20	23.04	22.37	23.76	22.47	21.54	23.37	21.98
		108	54	20.95	24.53	23.78	21.94	24.43	23.35	20.52	23.65	22.35	19.77	23.39	22.31
		216	0	20.84	24.46	23.73	21.86	**24.45**	23.60	20.49	23.62	22.37	19.71	23.39	22.24

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	21.95	23.11	24.70	22.87	23.38	24.80	20.73	23.01	23.38	20.15	22.25	23.12
		1	1	22.05	22.84	27.70	22.98	23.44	28.00	20.73	22.75	26.26	20.01	22.01	26.81
		1	243	27.70	**28.70**	26.45	28.00	**28.70**	27.26	26.22	**27.70**	26.22	26.10	**27.95**	27.00
		1	244	24.29	25.45	25.24	24.86	25.38	24.79	23.46	24.78	23.18	22.56	24.35	23.41
		120	60	24.11	28.47	27.42	24.95	28.68	27.96	23.46	27.68	26.30	22.60	27.83	26.92
		243	0	24.11	28.41	26.96	24.92	28.43	27.39	23.40	27.61	26.26	22.54	27.33	26.37
	QPSK	1	0	21.37	22.62	24.57	22.39	22.84	24.74	20.20	22.32	23.30	19.71	21.62	23.03
		1	1	21.50	22.40	27.20	22.38	22.86	27.92	20.22	22.32	26.24	19.61	21.50	26.75
		1	243	27.31	**28.06**	25.90	27.88	**27.99**	26.44	26.30	27.58	25.88	26.20	**28.00**	26.57
		1	244	24.37	25.61	25.19	24.82	25.30	24.77	23.23	24.75	23.29	22.42	24.39	23.53
		120	60	23.09	27.99	26.94	23.92	27.97	26.97	22.44	**27.61**	26.27	21.54	27.82	26.92
		243	0	23.16	27.65	26.20	23.93	27.13	26.22	22.35	27.01	25.55	21.49	26.80	25.88
	16QAM	1	0	21.53	22.62	24.66	22.74	23.15	24.40	20.56	22.11	23.36	19.53	21.75	22.71
		1	1	21.59	22.39	26.57	22.01	22.83	26.86	20.38	22.84	25.76	19.24	21.48	25.24
		1	243	26.84	**27.56**	25.18	**27.39**	27.35	25.70	26.23	27.05	24.98	25.11	**27.12**	25.72
		1	244	24.83	26.10	24.70	24.82	25.28	24.63	23.50	24.66	23.49	22.43	24.51	23.35
		120	60	22.60	27.46	26.45	23.44	27.38	26.25	21.92	**27.29**	25.24	21.05	26.70	25.84
		243	0	22.62	26.87	25.66	23.38	26.45	25.54	21.86	26.20	24.67	20.96	25.76	24.89
	64QAM	1	0	21.33	22.08	24.67	22.20	22.34	24.79	19.85	21.73	22.96	18.88	21.47	22.74
		1	1	21.08	22.10	25.94	21.70	22.73	25.40	19.50	21.39	24.59	19.23	20.96	24.35
		1	243	25.14	**26.53**	24.31	25.83	25.80	24.62	24.39	25.67	23.57	23.52	25.17	24.26
		1	244	24.20	25.45	24.48	25.00	25.26	24.53	23.24	24.90	23.61	22.47	24.64	23.45
		120	60	22.63	26.44	25.51	23.48	25.93	24.99	21.96	**25.81**	23.88	20.95	25.24	24.35
		243	0	22.66	26.31	25.39	23.44	**25.97**	25.03	21.92	25.77	24.22	20.97	**25.33**	24.33
	256QAM	1	0	19.56	20.63	23.54	20.06	20.73	23.89	18.37	20.14	22.42	17.56	19.72	21.98
		1	1	19.40	20.50	23.53	20.00	21.24	23.58	18.55	20.06	22.14	17.58	19.53	21.99
		1	243	23.39	**24.44**	23.26	23.42	24.41	23.24	22.32	**24.22**	21.79	21.34	**23.72**	22.42
		1	244	23.38	24.21	22.83	23.73	24.20	23.27	22.53	23.93	22.58	21.54	23.34	22.21
		120	60	21.15	24.40	23.86	21.95	**24.43**	23.52	20.48	23.74	22.41	19.54	23.21	22.33
		243	0	21.10	24.27	23.74	21.88	24.37	23.69	20.37	23.77	22.36	19.48	23.18	22.29

UL VERIFICATION SERVICES INC. FORM NO: CCSUP4031B
47173 BENICIA STREET, FREMONT, CA 94538, USA TEL: (510) 319-4000 FAX: (510) 661-0888
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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	22.49	23.12	24.58	22.92	23.49	24.72	20.75	22.76	23.53	20.37	22.24	23.06
		1	1	22.50	23.08	27.70	22.91	23.55	28.00	20.78	22.86	26.30	20.25	22.14	26.79
		1	271	27.70	**28.70**	26.40	28.00	**28.70**	26.68	26.23	**27.70**	26.14	26.20	**28.00**	27.00
		1	272	24.77	25.63	25.05	24.73	25.50	24.78	23.31	24.80	23.38	22.63	24.28	23.35
		135	67	24.53	28.41	27.37	24.86	28.66	27.90	23.37	27.68	26.25	22.73	27.82	26.92
		270	0	24.48	28.33	26.81	24.87	28.57	27.74	23.35	27.62	26.29	22.70	27.39	26.32
	QPSK	1	0	21.87	22.85	24.64	22.46	23.10	24.75	20.30	22.42	23.21	19.91	21.85	23.17
		1	1	21.90	22.68	27.04	22.42	23.17	27.64	20.18	22.15	26.27	19.68	21.57	26.78
		1	271	27.23	**28.05**	25.87	27.64	27.71	26.31	26.30	27.60	25.63	26.14	**27.84**	26.45
		1	272	24.79	25.86	25.24	24.89	25.26	24.61	23.43	24.53	23.42	22.84	24.38	23.42
		135	67	23.52	27.90	26.78	23.91	**28.14**	27.07	22.41	**27.63**	26.16	21.82	27.76	26.91
		270	0	23.47	27.56	26.03	23.88	27.26	26.20	22.30	27.08	25.57	21.63	26.84	25.80
	16QAM	1	0	21.90	22.47	24.52	22.16	23.26	24.20	19.87	22.26	23.43	20.05	21.94	22.85
		1	1	21.69	22.70	26.70	22.27	23.28	26.86	20.09	21.81	25.64	20.10	21.91	25.89
		1	271	26.49	**27.45**	25.10	26.70	27.26	25.21	26.16	26.88	25.11	25.14	**26.80**	25.89
		1	272	24.42	25.72	24.30	24.54	26.10	24.67	23.37	24.92	23.42	22.36	24.29	23.12
		135	67	23.00	27.24	26.26	23.41	**27.40**	26.26	21.94	**27.30**	25.33	21.20	26.76	25.86
		270	0	22.92	26.90	25.45	23.31	26.53	25.51	21.84	26.18	24.77	21.27	25.75	24.81
	64QAM	1	0	21.52	22.07	24.51	21.44	22.51	24.65	19.88	21.67	23.33	19.09	21.41	23.52
		1	1	21.65	22.39	25.63	21.57	22.59	25.49	19.65	21.81	24.18	19.08	21.24	24.14
		1	271	25.71	26.28	23.74	25.59	25.41	24.22	24.35	25.61	23.49	23.31	**25.28**	24.71
		1	272	24.87	25.79	23.96	24.65	25.59	24.20	23.27	24.66	23.27	22.78	24.41	23.29
		135	67	22.97	**26.37**	25.26	23.34	**26.10**	24.95	21.86	25.77	23.93	21.17	25.26	24.38
		270	0	22.99	26.36	25.20	23.32	26.05	24.97	21.85	**25.81**	24.26	21.20	**25.28**	24.30
	256QAM	1	0	19.66	20.65	23.53	20.43	21.02	23.75	18.19	19.86	22.42	17.61	19.46	22.13
		1	1	20.23	20.77	23.79	20.26	21.10	23.68	18.23	20.47	22.39	17.59	19.64	22.27
		1	271	23.14	**24.68**	23.00	23.58	24.05	22.44	22.59	23.74	21.91	21.42	**23.20**	22.19
		1	272	24.11	24.01	23.06	23.94	24.17	22.83	22.35	**23.99**	22.32	21.75	22.94	22.31
		135	67	21.55	24.33	23.90	21.88	24.51	23.63	20.37	23.74	22.44	19.74	23.17	22.24
		270	0	21.51	24.34	23.78	21.82	**24.58**	23.62	20.27	23.72	22.36	19.70	23.16	22.16

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8.11. LTE BAND 66 AND 5G NR n66

LTE BAND 66

Test Engineer ID:	39004	Test Date:	2023-11-29

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	**25.70**	25.68	25.66	25.59	25.65	25.67	25.62	25.64	25.66	25.11	25.17	25.14
		1	2	25.69	**25.70**	25.67	25.64	**25.70**	**25.70**	25.69	25.67	**25.70**	25.16	**25.20**	**25.20**
		1	5	25.65	25.69	**25.70**	25.64	25.68	25.69	**25.70**	25.66	25.67	25.16	25.11	25.18
		3	0	25.66	25.68	25.65	25.66	**25.70**	25.66	25.67	25.64	25.67	**25.20**	25.19	25.09
		3	1	25.65	25.68	25.68	25.67	25.68	25.64	25.68	25.69	25.68	**25.20**	**25.20**	25.13
		3	2	25.68	25.69	25.64	**25.70**	**25.70**	25.67	25.68	**25.70**	25.68	25.16	25.16	25.11
		6	0	24.65	24.69	24.64	24.99	24.97	24.93	24.80	24.79	24.77	24.17	24.15	24.11
	16QAM	1	0	24.84	24.81	24.79	25.22	25.36	25.38	25.10	24.92	25.07	24.36	24.30	24.35
		1	2	24.83	24.84	**24.87**	25.23	25.35	**25.43**	25.08	**25.11**	25.10	**24.44**	24.33	24.34
		1	5	**24.87**	24.80	**24.87**	25.25	25.37	25.40	**25.11**	25.10	25.07	24.35	24.30	24.32
		3	0	24.74	24.81	24.72	25.19	25.19	25.17	24.98	24.96	24.96	24.30	24.24	24.20
		3	1	24.74	24.79	24.75	25.23	25.16	25.17	25.02	24.97	24.99	24.27	24.21	24.26
		3	2	24.77	24.80	24.73	25.19	25.21	25.15	24.98	24.94	24.97	24.29	24.23	24.25
		6	0	23.70	23.63	23.68	24.06	24.02	24.03	23.83	23.86	23.81	23.17	23.19	23.06
	64QAM	1	0	23.91	23.92	23.70	24.20	24.34	24.35	23.86	23.73	23.47	**23.44**	23.29	23.22
		1	2	**23.97**	23.88	23.79	**24.49**	24.43	24.41	**23.90**	23.74	23.52	23.42	23.24	23.31
		1	5	23.80	23.84	23.73	24.33	24.34	24.38	**23.90**	23.72	23.50	23.37	23.26	23.26
		3	0	23.70	23.70	23.69	24.12	24.21	24.12	23.79	23.63	23.51	23.27	23.21	23.06
		3	1	23.68	23.72	23.70	24.16	24.23	24.13	23.75	23.63	23.51	23.23	23.21	23.07
		3	2	23.68	23.69	23.70	24.13	24.21	24.13	23.79	23.61	23.50	23.24	23.19	23.07
		6	0	22.52	22.71	22.65	23.04	23.17	23.07	22.71	22.36	22.39	22.27	22.07	22.05
	256QAM	1	0	20.82	20.68	20.72	**21.22**	21.12	21.09	20.75	20.58	20.69	20.27	20.30	20.20
		1	2	20.80	20.77	20.71	21.18	21.18	21.17	**20.79**	20.62	20.66	20.30	**20.35**	20.20
		1	5	**20.86**	20.75	20.69	**21.22**	21.15	21.12	20.74	20.59	20.62	20.19	20.32	20.18
		3	0	20.67	20.79	20.74	20.97	21.17	21.08	20.77	20.64	20.39	20.18	20.21	20.19
		3	1	20.69	20.79	20.75	21.02	21.15	21.06	20.77	20.65	20.39	20.19	20.24	20.23
		3	2	20.68	20.79	20.73	21.02	21.16	21.07	**20.79**	20.63	20.39	20.19	20.23	20.20
		6	0	20.56	20.72	20.57	21.07	21.08	21.00	20.62	20.51	20.45	20.09	20.11	20.07

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	25.55	25.56	25.60	25.59	25.61	25.66	25.59	25.57	25.66	25.13	25.06	25.11
		1	7	**25.70**	**25.70**	**25.70**	**25.70**	**25.70**	**25.70**	**25.70**	**25.70**	**25.70**	**25.20**	**25.20**	**25.20**
		1	14	25.60	25.57	25.57	25.65	25.63	25.62	25.62	25.59	25.56	25.10	25.03	25.07
		8	0	24.63	24.60	24.67	24.97	24.92	24.99	24.80	24.71	24.81	24.18	24.14	24.11
		8	4	24.68	24.70	24.70	24.99	24.94	25.01	24.85	24.76	24.82	24.20	24.18	24.15
		8	7	24.66	24.70	24.69	24.98	25.02	24.99	24.84	24.84	24.82	24.20	24.18	24.15
		15	0	24.65	24.56	24.66	24.96	24.91	24.99	24.79	24.72	24.81	24.19	24.11	24.10
	16QAM	1	0	24.77	24.80	24.83	25.27	25.32	25.33	25.09	25.09	**25.16**	24.32	24.24	24.26
		1	7	24.83	**24.84**	24.83	25.33	**25.48**	25.41	25.14	25.12	25.13	**24.40**	24.31	24.31
		1	14	24.76	24.67	24.73	25.31	25.38	25.28	25.06	25.02	25.03	24.34	24.24	24.16
		8	0	23.68	23.61	23.69	24.01	23.94	24.03	23.91	23.85	23.87	23.22	23.15	23.13
		8	4	23.71	23.73	23.72	24.07	23.99	24.05	23.95	23.83	23.91	23.25	23.20	23.15
		8	7	23.72	23.73	23.72	24.04	24.05	24.07	23.94	23.89	23.96	23.23	23.19	23.12
		15	0	23.66	23.58	23.65	23.96	23.97	24.00	23.85	23.79	23.86	23.18	23.11	23.11
	64QAM	1	0	23.72	23.69	23.80	24.20	24.14	24.22	24.00	23.58	23.58	23.32	23.33	23.20
		1	7	**23.87**	23.76	23.80	**24.39**	24.23	24.31	**24.02**	23.68	23.66	23.34	**23.36**	23.25
		1	14	23.84	23.75	23.75	24.26	24.16	24.19	23.94	23.58	23.58	23.24	23.24	23.21
		8	0	22.66	22.55	22.66	23.06	23.06	23.07	22.76	22.49	22.50	22.16	22.14	22.11
		8	4	22.68	22.67	22.70	23.09	23.13	23.10	22.81	22.56	22.52	22.20	22.17	22.11
		8	7	22.69	22.66	22.68	23.13	23.17	23.10	22.80	22.55	22.53	22.16	22.16	22.13
		15	0	22.59	22.52	22.63	23.01	23.06	23.04	22.73	22.51	22.46	22.17	22.11	22.06
	256QAM	1	0	20.62	20.64	20.68	20.91	21.13	21.03	20.72	20.57	20.54	20.29	20.19	20.15
		1	7	20.72	20.79	**20.80**	21.08	**21.22**	21.07	**20.90**	20.70	20.64	**20.30**	20.28	20.24
		1	14	20.69	20.67	20.68	20.94	21.12	21.01	20.76	20.68	20.51	20.24	20.19	20.16
		8	0	20.56	20.52	20.64	20.94	21.00	21.01	20.74	20.51	20.43	20.15	20.11	20.06
		8	4	20.61	20.66	20.67	21.01	21.05	21.05	20.76	20.54	20.48	20.17	20.15	20.11
		8	7	20.59	20.64	20.64	21.01	21.14	21.04	20.75	20.54	20.48	20.17	20.16	20.12
		15	0	20.57	20.51	20.61	20.91	20.99	21.01	20.72	20.50	20.44	20.10	20.10	20.06

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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	25.50	25.52	25.61	25.62	25.57	25.63	25.57	25.53	25.60	25.12	25.12	25.09
		1	12	**25.70**	**25.70**	**25.70**	**25.70**	**25.70**	**25.70**	**25.70**	**25.70**	**25.70**	**25.20**	**25.20**	**25.20**
		1	24	25.53	25.56	25.58	25.67	25.60	25.61	25.59	25.57	25.56	25.16	25.09	25.09
		12	0	24.50	24.51	24.68	24.91	24.87	24.98	24.75	24.72	24.78	24.18	24.15	24.15
		12	6	24.62	24.54	24.70	25.03	24.88	24.98	24.79	24.76	24.79	24.22	24.20	24.17
		12	11	24.60	24.60	24.67	24.99	24.94	24.94	24.76	24.78	24.76	24.19	24.12	24.14
		25	0	24.60	24.49	24.64	24.98	24.84	24.98	24.77	24.69	24.76	24.18	24.14	24.16
	16QAM	1	0	24.73	24.64	24.75	25.34	25.25	25.37	25.08	25.11	25.17	24.34	24.28	24.22
		1	12	24.84	24.77	**24.87**	25.42	25.37	**25.51**	**25.27**	25.25	25.24	**24.46**	24.30	24.30
		1	24	24.74	24.71	24.74	25.37	25.27	25.40	25.13	25.13	25.09	24.35	24.21	24.28
		12	0	23.46	23.53	23.76	23.85	23.98	24.05	23.89	23.78	23.88	23.16	23.14	23.17
		12	6	23.60	23.56	23.79	23.95	24.00	24.06	23.91	23.91	23.89	23.15	23.17	23.19
		12	11	23.57	23.64	23.76	23.91	24.05	24.01	23.83	23.82	23.78	23.12	23.10	23.18
		25	0	23.62	23.53	23.67	23.99	23.81	23.98	23.80	23.76	23.76	23.15	23.13	23.14
	64QAM	1	0	23.68	23.66	23.74	24.16	24.11	**24.36**	23.83	23.60	23.62	23.44	23.10	23.23
		1	12	**23.84**	23.71	23.82	24.32	24.25	24.35	**23.95**	23.74	23.64	**23.54**	23.19	23.32
		1	24	23.78	23.63	23.72	24.23	24.11	24.27	23.84	23.66	23.58	23.42	23.09	23.26
		12	0	22.42	22.45	22.61	22.92	22.98	23.04	22.62	22.39	22.44	22.18	22.15	22.11
		12	6	22.54	22.49	22.63	23.06	23.01	23.06	22.67	22.51	22.47	22.21	22.13	22.13
		12	11	22.49	22.52	22.60	23.02	23.07	23.03	22.64	22.47	22.43	22.16	22.11	22.10
		25	0	22.54	22.45	22.59	22.99	22.96	23.06	22.63	22.44	22.43	22.12	22.13	22.10
	256QAM	1	0	20.59	20.53	20.66	21.02	20.93	21.12	20.75	20.42	20.48	20.17	20.17	20.09
		1	12	20.72	20.70	**20.73**	**21.16**	21.12	21.13	**20.83**	20.56	20.51	20.26	**20.27**	20.15
		1	24	20.64	20.60	20.61	21.05	21.04	21.04	20.76	20.53	20.43	20.14	20.18	20.07
		12	0	20.43	20.44	20.58	20.88	20.94	21.01	20.65	20.41	20.45	20.12	20.09	20.08
		12	6	20.53	20.48	20.65	20.96	20.95	21.01	20.65	20.51	20.46	20.12	20.12	20.09
		12	11	20.51	20.53	20.59	20.94	21.00	20.99	20.61	20.52	20.41	20.09	20.06	20.04
		25	0	20.49	20.46	20.59	20.92	20.94	20.99	20.61	20.47	20.42	20.08	20.08	20.06

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	25.67	25.66	25.65	25.65	25.60	25.62	25.63	**25.70**	25.17	25.15	25.12
		1	24	**25.70**	**25.70**	**25.70**	**25.70**	**25.70**	**25.70**	**25.70**	**25.70**	25.66	**25.20**	**25.20**	**25.20**
		1	49	25.66	25.66	25.63	25.67	25.63	25.60	25.66	25.63	25.57	25.19	25.07	25.16
		25	0	24.63	24.64	24.62	24.90	24.93	24.87	24.74	24.73	24.83	24.19	24.21	24.08
		25	12	24.73	24.65	24.73	25.03	24.93	25.00	24.85	24.76	24.83	24.20	24.18	24.12
		25	24	24.72	24.68	24.69	24.98	24.98	24.95	24.82	24.75	24.76	24.20	24.12	24.15
		50	0	24.72	24.60	24.64	24.99	24.90	24.85	24.82	24.74	24.80	24.19	24.14	24.08
	16QAM	1	0	24.82	24.76	24.82	25.34	25.40	25.26	25.07	25.18	25.18	24.37	24.33	24.30
		1	24	24.86	24.80	24.86	25.36	**25.42**	25.32	25.09	25.14	25.11	**24.39**	24.32	24.35
		1	49	24.84	**24.87**	24.83	25.32	25.36	25.23	25.08	**25.19**	25.03	24.29	24.19	24.26
		25	0	23.63	23.63	23.67	23.91	23.94	23.87	23.76	23.77	23.86	23.19	23.20	23.10
		25	12	23.74	23.67	23.75	24.01	23.94	23.96	23.88	23.78	23.86	23.23	23.22	23.13
		25	24	23.71	23.73	23.73	23.99	23.98	23.93	23.84	23.75	23.80	23.20	23.14	23.18
		50	0	23.72	23.64	23.63	23.99	23.89	23.87	23.83	23.75	23.80	23.20	23.17	23.06
	64QAM	1	0	23.82	23.67	23.77	24.23	24.22	24.26	24.07	23.83	24.17	**23.39**	23.28	23.20
		1	24	**23.90**	23.79	23.84	**24.31**	24.30	24.27	**24.20**	23.89	24.19	**23.39**	23.30	23.31
		1	49	23.84	23.71	23.81	24.28	24.27	24.16	24.10	23.88	24.11	23.33	23.15	23.24
		25	0	22.57	22.59	22.58	22.97	23.05	23.00	22.80	22.65	22.93	22.15	22.15	22.00
		25	12	22.65	22.59	22.68	23.07	23.06	23.08	22.90	22.76	22.94	22.15	22.16	22.07
		25	24	22.62	22.64	22.64	23.06	23.12	23.03	22.87	22.71	22.97	22.13	22.11	22.10
		50	0	22.64	22.55	22.58	23.05	23.05	22.95	22.87	22.70	22.90	22.13	22.12	22.02
	256QAM	1	0	20.63	20.59	20.69	21.02	21.08	21.02	20.80	20.66	**21.12**	20.20	**20.27**	20.07
		1	24	**20.78**	20.76	20.73	**21.21**	21.16	21.11	20.93	20.81	**21.12**	20.21	**20.27**	20.20
		1	49	20.67	20.67	20.66	21.11	21.12	21.00	20.83	20.74	21.02	20.13	20.17	20.14
		25	0	20.52	20.56	20.57	20.95	21.04	20.96	20.77	20.62	20.91	20.14	20.13	20.01
		25	12	20.67	20.56	20.68	21.04	21.08	21.05	20.89	20.76	20.93	20.17	20.15	20.04
		25	24	20.64	20.63	20.64	21.01	21.11	21.01	20.84	20.73	20.96	20.11	20.08	20.09
		50	0	20.60	20.55	20.57	21.00	21.00	20.91	20.84	20.68	20.93	20.11	20.12	19.98

UL VERIFICATION SERVICES INC. FORM NO: CCSUP4031B
47173 BENICIA STREET, FREMONT, CA 94538, USA TEL: (510) 319-4000 FAX: (510) 661-0888
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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**	25.67	**25.70**	25.65	**25.70**	25.64	25.68	25.68	**25.70**	25.19	**25.20**	25.12
		1	37	**25.70**	**25.70**	25.64	25.63	**25.70**	**25.70**	**25.70**	**25.70**	25.60	25.19	25.12	**25.20**
		1	74	25.67	25.67	25.56	**25.70**	25.65	25.60	25.66	25.64	25.45	**25.20**	25.11	25.11
		36	0	24.69	24.69	24.68	24.92	25.01	24.94	24.80	24.82	24.86	24.23	24.15	24.16
		36	16	24.76	24.70	24.66	25.03	25.00	24.93	24.85	24.80	24.78	24.20	24.19	24.24
		36	35	24.74	24.74	24.73	25.01	25.03	24.99	24.84	24.80	24.75	24.18	24.13	24.24
		75	0	24.72	24.65	24.64	25.00	24.99	24.93	24.85	24.76	24.77	24.18	24.15	24.24
	16QAM	1	0	24.80	24.89	24.87	25.30	25.23	25.20	25.01	25.05	25.07	**24.40**	24.36	24.31
		1	37	24.81	**24.91**	24.84	25.29	25.27	25.31	25.11	**25.14**	25.01	24.33	24.28	24.39
		1	74	24.78	24.82	24.76	25.18	**25.31**	25.09	25.06	24.98	24.81	24.37	24.29	**24.40**
		36	0	23.68	23.71	23.68	23.99	24.05	23.98	23.81	23.83	23.87	23.23	23.14	23.19
		36	16	23.76	23.71	23.70	24.06	23.99	23.95	23.89	23.84	23.83	23.20	23.17	23.27
		36	35	23.75	23.76	23.75	24.03	24.05	23.99	23.86	23.81	23.76	23.19	23.14	23.23
		75	0	23.76	23.66	23.67	24.02	23.97	23.90	23.84	23.82	23.80	23.21	23.17	23.23
	64QAM	1	0	23.87	23.87	23.93	24.42	24.40	24.44	24.23	24.02	**24.34**	23.32	**23.40**	23.23
		1	37	23.89	23.92	23.87	24.43	24.42	24.38	24.20	24.05	24.27	23.36	23.33	23.36
		1	74	**24.00**	23.94	23.74	**24.49**	24.48	24.26	24.29	24.06	24.08	23.29	23.34	23.23
		36	0	22.62	22.70	22.66	23.11	23.24	23.19	22.93	22.86	23.07	22.20	22.10	22.13
		36	16	22.70	22.69	22.64	23.20	23.22	23.14	23.01	22.85	23.00	22.17	22.13	22.20
		36	35	22.67	22.76	22.67	23.16	23.30	23.10	22.96	22.93	23.02	22.12	22.08	22.20
		75	0	22.70	22.69	22.61	23.15	23.20	23.13	22.99	22.93	23.03	22.15	22.12	22.18
	256QAM	1	0	20.66	20.79	20.73	21.08	21.28	21.17	20.99	20.94	21.10	20.22	20.18	20.19
		1	37	20.78	20.85	20.77	21.21	21.36	21.25	21.04	20.98	21.09	20.22	20.16	**20.31**
		1	74	20.80	**20.88**	20.75	21.25	**21.46**	21.24	21.03	21.06	**21.12**	20.27	20.19	**20.31**
		36	0	20.61	20.67	20.66	21.06	21.15	21.15	20.92	20.83	21.07	20.15	20.07	20.08
		36	16	20.67	20.68	20.62	21.13	21.17	21.12	20.98	20.84	21.02	20.12	20.09	20.16
		36	35	20.67	20.74	20.68	21.11	21.24	21.06	20.97	20.92	21.05	20.11	20.08	20.17
		75	0	20.67	20.69	20.63	21.12	21.16	21.12	20.99	20.94	21.03	20.12	20.09	20.17

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**	**25.70**	**25.70**	**25.70**	25.69	25.67	**25.70**	**25.70**	**25.70**	**25.20**	**25.20**	25.14
		1	49	25.63	25.69	25.67	25.68	**25.70**	**25.70**	25.66	25.67	25.58	25.14	25.01	**25.20**
		1	99	25.67	25.67	25.62	25.66	25.64	25.60	25.64	25.59	25.42	25.14	25.03	25.17
		50	0	24.62	24.67	24.67	24.96	24.96	25.02	24.78	24.73	24.81	24.24	24.08	24.16
		50	24	24.71	24.67	24.75	25.05	24.93	25.10	24.86	24.72	24.76	24.23	24.13	24.17
		50	49	24.68	24.70	24.71	25.01	24.94	25.07	24.82	24.68	24.68	24.17	24.07	24.25
		100	0	24.69	24.64	24.75	25.02	24.90	25.06	24.82	24.69	24.74	24.20	24.10	24.18
	16QAM	1	0	24.86	24.84	24.71	25.29	**25.40**	25.37	25.00	25.06	25.02	24.31	24.38	24.30
		1	49	24.97	**24.98**	24.92	25.27	25.35	25.36	25.06	**25.36**	25.08	24.29	24.35	**24.47**
		1	99	24.91	24.84	24.72	25.31	25.29	25.25	25.05	25.05	24.67	24.21	24.21	24.33
		50	0	23.64	23.67	23.67	23.97	23.96	24.03	23.81	23.75	23.84	23.22	23.09	23.17
		50	24	23.72	23.67	23.76	24.03	23.96	24.10	23.85	23.74	23.77	23.22	23.11	23.16
		50	49	23.71	23.70	23.72	24.00	23.96	24.05	23.82	23.71	23.70	23.19	23.05	23.25
		100	0	23.72	23.67	23.76	24.01	23.90	24.07	23.85	23.71	23.77	23.18	23.12	23.15
	64QAM	1	0	23.80	23.85	23.85	24.22	24.34	24.52	24.14	23.94	24.22	23.36	23.31	23.26
		1	49	23.83	**23.96**	23.89	24.37	24.36	**24.53**	**24.27**	24.04	24.19	**23.37**	23.18	**23.37**
		1	99	23.88	23.91	23.71	24.35	24.38	24.24	24.07	23.97	23.97	23.28	23.14	23.35
		50	0	22.55	22.66	22.65	23.03	23.10	23.26	22.92	22.77	23.00	22.16	22.00	22.09
		50	24	22.65	22.65	22.70	23.11	23.13	23.32	23.01	22.86	22.95	22.15	22.05	22.11
		50	49	22.63	22.73	22.66	23.08	23.21	23.24	22.95	22.84	22.95	22.12	21.99	22.18
		100	0	22.60	22.65	22.73	23.11	23.12	23.20	22.97	22.82	22.93	22.11	22.04	22.08
	256QAM	1	0	20.67	20.75	**20.81**	21.14	21.22	21.35	**21.17**	20.85	21.12	20.16	20.15	**20.28**
		1	49	20.64	**20.81**	20.76	21.13	21.31	**21.37**	21.16	20.89	20.94	20.21	20.16	20.22
		1	99	20.68	**20.81**	20.75	21.11	21.29	21.31	21.07	20.94	21.03	20.18	20.09	**20.28**
		50	0	20.54	20.65	20.65	20.99	21.06	21.20	20.93	20.76	20.98	20.10	19.98	20.08
		50	24	20.62	20.67	20.70	21.07	21.11	21.25	21.00	20.85	20.94	20.10	20.03	20.09
		50	49	20.58	20.71	20.66	21.04	21.12	21.16	20.96	20.82	20.97	20.08	19.96	20.14
		100	0	20.60	20.63	20.69	21.06	21.06	21.13	20.99	20.82	20.93	20.09	20.01	20.05

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5G NR n66

Test Engineer ID:	28567	Test Date:	2024-01-24

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	25.46	25.43	25.46	25.41	25.36	25.38	25.35	25.39	25.39	25.04	25.05	24.94
		1	1	25.64	25.63	25.57	**25.70**	25.63	25.64	25.55	**25.68**	25.57	25.16	**25.18**	**25.18**
		1	23	25.57	**25.65**	25.64	25.49	25.62	25.61	25.60	25.61	25.46	25.15	25.17	25.13
		1	24	25.44	25.40	25.39	25.40	25.39	25.40	25.34	25.42	25.28	24.94	25.01	24.89
		12	6	25.65	25.56	25.61	25.57	25.66	25.63	25.59	25.66	25.54	25.07	25.14	25.10
		25	0	25.37	25.35	25.36	25.38	25.43	25.39	25.41	25.38	25.28	24.88	24.90	24.88
	QPSK	1	0	24.89	24.95	24.92	25.00	25.01	25.05	24.88	24.99	24.85	24.51	24.59	24.45
		1	1	**25.70**	**25.70**	25.56	25.60	**25.70**	25.63	**25.70**	25.66	**25.70**	25.18	**25.20**	**25.20**
		1	23	**25.70**	25.67	**25.70**	25.68	25.66	**25.70**	25.61	**25.70**	25.65	25.17	25.19	25.14
		1	24	24.86	25.02	24.89	24.96	24.85	24.84	24.74	24.90	24.89	24.47	24.49	24.53
		12	6	25.57	25.67	25.61	25.63	25.67	25.63	25.55	25.64	25.64	**25.20**	**25.20**	25.08
		25	0	24.89	24.90	24.95	24.89	24.96	24.86	24.51	24.92	24.87	24.46	24.43	24.47
	16QAM	1	0	24.18	24.00	23.93	23.83	23.87	23.93	23.65	24.18	23.80	23.36	23.72	23.48
		1	1	24.81	25.02	25.05	25.15	24.97	**25.24**	24.78	24.79	24.69	24.69	24.60	**24.86**
		1	23	24.77	**25.28**	24.52	25.09	25.11	25.15	24.87	24.92	**25.08**	24.56	24.27	24.37
		1	24	23.98	23.68	24.04	23.60	24.05	24.02	23.95	24.19	24.12	23.50	23.52	23.37
		12	6	24.80	24.71	24.81	24.97	24.92	24.97	24.55	24.94	24.90	24.50	24.45	24.44
		25	0	23.93	23.71	24.02	23.90	23.99	23.97	23.70	23.86	23.96	23.51	23.52	23.48
	64QAM	1	0	23.37	23.10	**23.52**	23.35	23.39	23.62	23.38	23.38	23.40	22.85	23.08	22.96
		1	1	23.26	23.35	23.47	23.43	23.51	23.44	23.47	23.49	23.54	23.07	22.96	23.06
		1	23	23.20	22.96	23.51	23.56	23.45	23.62	23.43	23.44	23.59	22.92	23.02	**23.15**
		1	24	23.18	23.14	23.34	23.43	23.54	**23.68**	23.42	23.40	**23.69**	23.00	22.73	22.53
		12	6	23.32	23.12	23.44	23.33	23.37	23.50	23.32	23.48	23.47	22.99	22.95	22.94
		25	0	23.29	23.15	23.42	23.36	23.43	23.42	23.25	23.44	23.48	22.97	22.87	22.89
	256QAM	1	0	21.55	21.36	21.51	21.64	21.73	21.78	21.53	21.56	21.74	21.02	**21.37**	21.10
		1	1	21.49	21.49	**21.78**	21.50	21.75	**21.94**	21.62	21.73	21.53	20.97	21.08	21.20
		1	23	21.41	21.34	21.62	21.56	21.60	21.45	21.65	**21.81**	21.55	21.14	21.06	20.99
		1	24	21.44	21.43	21.49	21.42	21.70	21.41	21.68	21.68	21.56	21.06	21.34	21.11
		12	6	21.30	21.20	21.43	21.42	21.38	21.38	21.41	21.51	21.45	20.90	20.84	20.81
		25	0	21.39	21.35	21.59	21.36	21.33	21.40	21.45	21.43	21.45	20.94	21.10	20.91

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	25.37	25.45	25.33	25.39	25.42	25.35	25.57	25.46	25.44	24.88	24.75	24.99
		1	1	25.64	25.62	25.62	25.61	**25.70**	25.60	25.63	**25.70**	**25.70**	25.13	25.02	**25.17**
		1	50	25.60	**25.65**	25.57	25.44	25.57	25.54	**25.70**	25.55	25.53	25.05	24.90	25.07
		1	51	25.37	25.39	25.41	25.26	25.30	25.33	25.34	25.32	25.27	24.93	24.76	25.00
		25	12	25.54	25.64	25.61	25.50	25.61	25.62	25.63	25.59	25.55	25.06	24.95	**25.17**
		50	0	25.40	25.49	25.44	25.37	25.45	25.45	25.44	25.42	25.35	24.94	24.82	24.91
	QPSK	1	0	24.92	24.95	24.98	24.84	24.84	24.91	24.92	24.98	24.86	24.39	24.32	24.56
		1	1	**25.70**	25.69	**25.70**	**25.70**	25.62	**25.70**	**25.66**	25.57	25.60	**25.20**	**25.20**	25.09
		1	50	**25.70**	**25.70**	25.53	25.48	**25.70**	25.56	**25.66**	25.61	25.58	25.11	25.00	**25.20**
		1	51	24.83	25.04	24.93	24.84	24.91	24.92	24.91	24.84	24.77	24.34	24.27	24.36
		25	12	25.60	25.67	25.60	25.63	25.60	**25.70**	25.53	25.63	25.58	25.16	24.98	25.07
		50	0	24.88	24.97	25.01	24.86	24.98	24.91	24.46	24.93	24.85	24.45	24.36	24.44
	16QAM	1	0	23.47	24.26	23.96	23.89	23.95	23.77	23.80	23.92	23.97	23.16	23.85	23.19
		1	1	**25.10**	25.06	24.77	25.11	**25.42**	24.91	24.96	24.81	25.02	24.51	24.44	**24.76**
		1	50	24.52	24.47	24.64	24.88	24.97	25.18	25.15	**25.30**	25.05	24.39	24.64	24.64
		1	51	23.92	24.12	23.98	23.49	23.70	24.16	23.95	23.97	23.71	23.36	23.48	22.94
		25	12	24.84	25.04	24.90	24.88	24.99	24.98	24.57	25.04	24.83	24.48	24.35	24.46
		50	0	23.96	23.97	23.95	23.90	23.95	23.96	23.63	23.93	23.84	23.52	23.30	23.52
	64QAM	1	0	23.30	23.30	23.04	**23.69**	23.37	23.41	23.49	23.50	23.51	22.91	22.77	23.01
		1	1	23.40	23.34	23.40	23.45	23.43	23.31	23.33	23.51	23.44	23.01	22.88	**23.08**
		1	50	23.16	23.59	23.23	23.29	23.49	23.56	23.34	**23.81**	23.25	22.95	22.45	23.01
		1	51	23.16	**23.64**	23.45	23.25	23.52	23.36	23.64	23.75	23.32	22.90	22.72	22.95
		25	12	23.30	23.50	23.45	23.38	23.44	23.51	23.25	23.61	23.27	22.92	22.74	22.95
		50	0	23.31	23.52	23.43	23.42	23.43	23.42	23.15	23.53	23.32	22.94	22.79	23.05
	256QAM	1	0	21.25	21.63	21.38	21.69	21.48	21.57	21.67	**21.99**	21.24	21.11	20.94	21.11
		1	1	21.31	21.44	**21.69**	21.47	21.43	21.47	21.63	21.80	21.48	21.05	20.91	21.03
		1	50	21.32	21.52	21.66	21.62	21.57	21.55	21.53	21.54	21.57	**21.18**	20.81	21.02
		1	51	21.26	21.62	21.51	21.60	**21.72**	21.44	21.41	21.56	21.33	20.96	20.71	20.59
		25	12	21.35	21.64	21.45	21.32	21.29	21.32	21.41	21.49	21.33	20.89	20.88	20.97
		50	0	21.43	21.67	21.51	21.34	21.36	21.39	21.48	21.55	21.36	20.98	20.80	21.05

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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	25.40	25.37	25.46	25.35	25.44	25.46	25.49	25.37	25.52	25.06	24.81	24.88
		1	1	25.69	25.63	25.66	25.61	25.63	**25.70**	**25.70**	25.59	**25.70**	**25.20**	25.12	25.12
		1	77	**25.70**	25.59	25.55	25.57	25.61	25.54	25.61	25.69	25.68	25.17	25.05	25.13
		1	78	25.49	25.45	25.45	25.37	25.45	25.42	25.40	25.50	25.48	24.84	24.83	24.91
		36	18	25.55	25.46	25.52	25.49	25.56	25.38	25.45	25.56	25.54	25.03	24.82	24.98
		75	0	25.43	25.28	25.39	25.32	25.43	25.25	25.34	25.41	25.48	24.85	24.77	24.83
	QPSK	1	0	25.06	24.93	24.97	24.87	25.02	24.80	24.77	24.90	25.08	24.50	24.30	24.63
		1	1	**25.70**	25.58	**25.70**	**25.70**	25.68	25.46	25.64	25.67	25.61	25.18	**25.20**	**25.20**
		1	77	25.67	**25.70**	25.67	25.58	**25.70**	25.40	25.60	**25.70**	25.64	25.18	24.99	25.02
		1	78	24.96	24.90	25.03	24.81	24.97	24.84	24.85	24.87	24.99	24.22	24.28	24.36
		36	18	25.60	25.51	25.63	25.55	25.67	25.48	25.26	25.61	25.60	25.08	25.01	25.08
		75	0	24.98	24.86	24.97	24.73	24.99	24.74	24.30	24.94	25.01	24.42	24.25	24.37
	16QAM	1	0	24.13	23.75	24.14	23.78	24.08	23.99	23.88	24.00	24.20	23.29	23.42	23.39
		1	1	25.01	24.94	24.72	24.99	24.98	25.09	24.85	25.04	**25.09**	**24.90**	24.23	24.34
		1	77	**25.04**	24.79	24.65	24.95	**25.19**	25.02	24.67	24.90	25.02	24.35	24.48	24.61
		1	78	24.26	24.06	23.61	24.06	23.86	24.09	23.74	24.13	23.86	23.59	23.45	23.74
		36	18	24.99	24.81	24.94	24.82	24.97	24.75	24.45	24.92	25.04	24.51	24.33	24.46
		75	0	24.00	23.82	23.96	23.87	23.92	23.75	23.53	23.93	23.94	23.42	23.29	23.49
	64QAM	1	0	23.44	23.39	23.27	23.50	23.22	23.52	23.22	23.46	23.62	22.89	22.80	22.99
		1	1	**23.60**	23.15	23.41	**23.63**	23.50	23.46	23.34	**23.73**	23.47	23.10	22.70	22.95
		1	77	23.29	23.24	23.42	23.31	23.58	23.42	23.58	23.44	23.48	22.77	22.67	**23.24**
		1	78	23.45	23.35	23.41	23.30	23.43	23.45	23.48	23.37	23.40	22.69	22.69	22.71
		36	18	23.45	23.31	23.40	23.31	23.44	23.32	23.17	23.43	23.47	22.95	22.81	22.97
		75	0	23.40	23.25	23.32	23.32	23.38	23.33	23.10	23.43	23.41	23.00	22.74	22.97
	256QAM	1	0	21.73	21.35	21.24	**21.82**	21.65	21.63	21.64	21.62	21.70	21.09	21.04	21.08
		1	1	**21.76**	21.37	21.38	21.49	21.71	21.61	21.53	21.44	21.59	20.90	21.03	**21.29**
		1	77	21.58	21.48	21.28	21.62	21.58	21.67	21.62	**21.76**	21.40	21.27	20.71	21.03
		1	78	21.49	21.30	21.44	21.45	21.55	21.33	21.52	21.63	21.75	21.18	20.94	21.01
		36	18	21.35	21.30	21.08	21.28	21.31	21.45	21.40	21.56	21.41	20.86	20.66	20.89
		75	0	21.42	21.36	21.16	21.26	21.33	21.34	21.32	21.55	21.36	20.90	20.71	20.85

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	25.45	25.44	25.42	25.47	25.45	25.51	25.38	25.38	25.40	24.78	24.99	25.15
		1	1	25.58	25.62	**25.70**	25.64	**25.70**	25.62	25.56	25.65	**25.70**	**25.20**	25.13	**25.20**
		1	104	25.59	**25.70**	25.63	25.52	25.56	25.69	25.51	25.66	25.56	25.04	25.12	25.08
		1	105	25.32	25.42	25.40	25.40	25.41	25.45	25.34	25.40	25.40	24.81	24.90	25.00
		50	25	25.49	25.51	25.60	25.61	25.63	25.59	25.46	25.65	25.54	24.98	25.02	25.05
		100	0	25.30	25.35	25.45	25.45	25.37	25.42	25.34	25.50	25.34	24.79	24.88	24.87
	QPSK	1	0	24.87	24.79	24.95	24.90	24.91	24.96	24.64	24.89	24.90	24.46	24.47	24.56
		1	1	25.59	25.53	**25.70**	25.59	25.57	**25.70**	**25.70**	25.67	25.66	25.14	25.17	25.12
		1	104	25.69	25.45	25.60	25.60	**25.70**	25.63	25.53	25.68	25.64	24.89	**25.20**	**25.20**
		1	105	25.01	24.76	24.95	24.90	24.85	24.85	24.77	25.01	24.82	24.39	24.46	24.41
		50	25	**25.70**	25.48	25.62	**25.70**	25.65	25.65	25.45	**25.70**	25.63	25.04	25.01	25.07
		100	0	25.00	24.80	24.92	24.94	24.92	24.97	24.39	25.06	24.82	24.32	24.41	24.38
	16QAM	1	0	24.34	23.93	24.08	24.17	24.12	23.70	23.90	24.44	23.91	23.04	23.54	23.31
		1	1	24.80	24.52	25.04	24.85	24.88	**25.41**	25.08	24.96	24.66	24.00	24.57	24.44
		1	104	**25.18**	25.11	24.76	25.35	24.69	25.17	25.02	**25.29**	24.81	24.14	**24.75**	24.45
		1	105	24.04	23.81	23.92	23.45	23.90	24.12	24.14	23.94	24.13	23.69	23.58	23.27
		50	25	25.06	24.88	24.83	24.97	25.00	24.94	24.61	25.03	24.95	24.38	24.38	24.44
		100	0	24.02	23.83	23.87	23.91	24.05	23.96	23.65	24.05	23.92	23.30	23.46	23.35
	64QAM	1	0	23.36	23.22	23.27	23.64	23.79	23.51	23.48	23.67	23.59	22.65	22.93	22.84
		1	1	23.45	23.21	23.31	23.49	23.58	23.48	23.48	**23.72**	23.51	22.75	22.64	22.97
		1	104	**23.65**	23.36	23.43	23.28	23.62	23.58	23.55	23.51	23.56	22.67	22.74	22.52
		1	105	23.51	23.31	22.93	23.51	23.59	**23.85**	23.46	23.58	23.37	22.60	**23.24**	22.73
		50	25	23.51	23.35	23.32	23.36	23.45	23.47	23.08	23.49	23.37	22.77	22.94	22.90
		100	0	23.51	23.43	23.36	23.36	23.42	23.47	23.12	23.45	23.35	22.80	22.96	22.91
	256QAM	1	0	21.58	21.30	21.54	21.64	21.39	**21.88**	21.68	21.78	21.39	20.83	20.73	20.65
		1	1	21.57	21.36	21.50	21.67	21.74	21.76	21.76	21.70	**21.78**	20.71	21.06	20.93
		1	104	21.59	**21.80**	21.26	21.24	21.56	21.69	21.45	21.76	21.25	20.48	20.98	20.76
		1	105	21.63	21.50	21.50	21.56	21.34	21.69	21.53	21.72	21.59	21.15	**21.19**	20.67
		50	25	21.52	21.43	21.48	21.25	21.31	21.46	21.33	21.44	21.29	20.75	21.00	20.90
		100	0	21.45	21.39	21.35	21.23	21.35	21.45	21.30	21.42	21.33	20.69	20.95	20.81

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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	25.28	25.38	25.43	25.31	25.35	25.40	25.49	25.47	25.48	24.84	24.95	24.98
		1	1	**25.70**	**25.70**	25.59	25.56	**25.70**	**25.70**	25.66	25.64	**25.70**	25.14	**25.20**	25.12
		1	132	25.65	25.60	25.47	25.58	25.54	25.50	25.65	25.63	25.57	24.95	24.88	24.96
		1	131	25.38	25.58	25.33	25.39	25.30	25.23	25.40	25.38	25.34	24.76	24.64	24.92
		64	32	25.48	25.55	25.48	25.47	25.45	25.52	25.52	25.62	25.47	25.00	24.91	24.91
		128	0	25.36	25.39	25.28	25.29	25.27	25.34	25.36	25.31	25.29	24.77	24.68	24.69
	QPSK	1	0	24.99	24.90	24.85	24.85	24.84	24.98	24.80	24.97	24.97	24.48	24.49	24.46
		1	1	25.55	25.65	**25.70**	25.49	25.41	25.51	**25.70**	**25.70**	25.55	**25.20**	25.06	**25.20**
		1	132	25.62	25.50	25.60	**25.70**	25.31	25.56	25.62	25.64	25.62	25.08	24.94	25.11
		1	131	24.95	24.90	24.76	24.71	24.71	24.89	24.84	25.02	24.77	24.34	23.91	24.24
		64	32	25.51	25.56	25.41	25.52	25.48	25.53	25.53	25.64	25.43	24.96	24.87	24.97
		128	0	24.94	24.84	24.77	24.81	24.73	24.82	24.83	24.92	24.75	24.32	24.21	24.32
	16QAM	1	0	23.61	24.11	23.59	23.49	24.17	23.94	23.53	24.12	23.86	23.38	23.36	22.82
		1	1	25.05	25.02	24.78	25.15	25.12	**25.21**	24.77	24.75	**25.20**	24.63	24.44	**24.64**
		1	132	**25.22**	25.00	24.62	24.93	24.89	24.55	24.61	24.86	24.63	24.36	24.27	24.36
		1	131	23.84	24.23	23.68	24.13	23.61	23.84	23.84	23.89	23.60	22.79	22.81	23.43
		64	32	24.79	24.85	24.64	24.79	24.80	24.82	24.67	24.90	24.59	24.25	24.15	24.31
		128	0	23.81	23.84	23.73	23.79	23.72	23.83	23.80	23.96	23.73	23.33	23.12	23.27
	64QAM	1	0	**23.58**	23.55	23.34	23.45	23.43	23.51	23.23	**23.66**	23.61	22.73	22.79	22.81
		1	1	23.25	23.42	23.32	23.30	23.56	23.67	23.49	23.44	23.51	**23.06**	22.80	22.79
		1	132	23.42	23.57	23.31	**23.76**	23.25	23.58	23.32	23.50	23.22	22.63	22.73	22.69
		1	131	23.29	23.47	23.22	23.37	23.38	23.40	23.42	23.45	23.31	22.58	22.59	22.55
		64	32	23.28	23.28	23.22	23.27	23.22	23.28	23.25	23.41	23.24	22.78	22.58	22.72
		128	0	23.32	23.35	23.14	23.25	23.23	23.32	23.28	23.39	23.22	22.84	22.78	22.78
	256QAM	1	0	21.50	21.37	21.38	21.66	21.63	**21.77**	21.74	21.52	21.63	21.08	21.06	20.85
		1	1	**21.76**	21.71	21.56	21.59	21.58	21.50	21.47	21.96	21.70	20.90	20.78	20.85
		1	132	21.52	21.49	21.25	21.50	21.19	21.52	**21.98**	21.72	21.76	**21.11**	21.04	20.57
		1	131	21.72	21.40	21.24	21.61	21.48	21.58	21.60	21.59	21.51	20.99	20.65	20.82
		64	32	21.25	21.43	21.11	21.14	21.25	21.34	21.22	21.38	21.21	20.70	20.69	20.67
		128	0	21.27	21.51	21.14	21.25	21.29	21.38	21.25	21.42	21.26	20.69	20.71	20.56

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	25.29	25.48	25.41	25.52	25.52	25.36	25.49	25.37	25.49	24.90	24.93	24.80
		1	1	25.57	25.67	25.62	25.68	25.68	25.61	**25.70**	25.56	**25.70**	**25.20**	**25.20**	25.03
		1	158	25.61	25.58	25.53	25.62	**25.70**	25.48	25.69	25.55	25.60	24.91	24.62	25.09
		1	159	25.37	25.50	25.43	25.43	25.40	25.30	25.60	25.31	25.41	24.57	24.52	24.98
		80	40	25.58	**25.70**	25.66	25.67	25.69	25.62	25.69	25.62	25.60	25.15	24.90	25.11
		160	0	25.47	25.57	25.52	25.51	25.57	25.45	25.48	25.50	25.44	25.03	24.78	25.00
	QPSK	1	0	24.99	25.03	24.87	24.89	24.88	24.78	24.84	24.72	24.97	24.39	24.56	24.39
		1	1	**25.70**	25.61	**25.70**	25.51	25.52	25.65	**25.70**	25.60	25.63	25.05	25.14	25.04
		1	158	25.62	25.59	25.60	25.55	25.54	25.42	25.53	25.61	25.60	24.85	24.88	**25.20**
		1	159	24.95	24.93	24.90	24.91	25.04	24.81	24.87	24.91	24.90	24.18	24.02	24.76
		80	40	25.65	**25.70**	25.67	**25.70**	25.68	**25.70**	25.65	**25.70**	25.62	25.18	24.91	25.18
		160	0	25.01	25.02	25.02	25.04	25.04	25.06	25.06	25.04	24.93	24.53	24.28	24.56
	16QAM	1	0	23.95	24.20	24.39	24.47	24.00	24.32	23.73	23.55	23.76	23.40	23.59	23.25
		1	1	**25.13**	24.96	24.70	24.85	25.31	25.40	24.89	24.69	24.54	24.23	24.16	24.17
		1	158	25.10	24.93	24.89	25.26	**25.61**	24.89	**25.13**	25.05	24.77	24.12	23.63	24.46
		1	159	23.97	23.85	24.32	24.07	23.96	23.76	24.14	23.61	24.36	22.77	22.99	23.47
		80	40	24.87	25.06	24.85	24.99	25.04	25.00	25.01	24.97	24.91	24.47	24.24	**24.49**
		160	0	23.94	24.10	23.90	24.03	24.08	24.04	24.09	24.00	23.97	23.52	23.30	23.56
	64QAM	1	0	23.28	23.31	23.42	23.53	23.66	23.44	23.28	23.65	**23.76**	23.20	23.21	22.93
		1	1	23.37	23.07	23.66	23.60	23.41	23.57	23.57	23.72	23.55	**23.29**	23.10	22.81
		1	158	23.19	23.39	23.25	23.49	23.67	**23.78**	23.42	23.62	23.18	22.79	22.89	23.13
		1	159	23.43	**23.71**	23.53	23.45	23.77	23.53	23.61	23.36	23.39	22.62	22.48	23.28
		80	40	23.37	23.54	23.33	23.45	23.56	23.45	23.47	23.47	23.41	23.04	22.72	22.99
		160	0	23.40	23.62	23.40	23.52	23.63	23.59	23.55	23.45	23.46	23.01	22.86	23.11
	256QAM	1	0	21.66	21.76	21.62	21.75	**22.09**	21.92	22.03	21.78	21.72	20.61	20.78	20.75
		1	1	21.36	21.44	**21.85**	21.83	21.84	21.86	**22.08**	21.90	21.81	**20.98**	20.94	20.94
		1	158	21.48	21.73	21.28	21.91	21.58	21.82	21.74	21.70	21.77	20.29	20.24	20.51
		1	159	21.34	21.67	21.55	21.68	21.68	21.57	22.05	21.41	21.83	20.41	20.25	20.73
		80	40	21.28	21.70	21.34	21.40	21.43	21.44	21.53	21.41	21.40	20.87	20.65	20.87
		160	0	21.37	21.62	21.42	21.46	21.48	21.50	21.56	21.46	21.47	20.95	20.77	20.93

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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	4E+06	349000	352500	345500	349000	352500
				1727.5	1745.0	1762.5	1727.5	1745.0	1762.5	1727.5	1745.0	1762.5	1727.5	1745.0	1762.5
35.0	BPSK	1	0	25.60	25.60	25.60	25.60	25.60	25.60	25.60	25.60	25.60	24.63	25.00	24.64
		1	1	**25.70**	**25.70**	**25.70**	**25.70**	**25.70**	**25.70**	**25.70**	**25.70**	**25.70**	**25.20**	25.14	25.03
		1	186	25.56	25.56	25.56	25.56	25.56	25.56	25.56	25.56	25.56	24.82	**25.20**	24.89
		1	187	25.51	25.51	25.51	25.51	25.51	25.51	25.51	25.51	25.51	24.23	24.36	24.73
		90	45	25.54	25.54	25.54	25.54	25.54	25.54	25.54	25.54	25.54	24.48	24.51	24.74
		180	0	25.47	25.47	25.47	25.47	25.47	25.47	25.46	25.47	25.47	24.18	24.48	24.54
	QPSK	1	0	25.18	25.18	25.18	25.18	25.18	25.18	25.18	25.18	25.18	23.69	24.00	24.24
		1	1	25.40	25.40	25.40	25.40	25.40	25.40	25.40	25.40	25.40	24.31	24.76	**25.20**
		1	186	25.50	25.51	25.51	25.50	25.51	25.51	25.50	25.51	25.51	23.94	24.77	25.06
		1	187	24.98	24.99	24.99	24.98	24.99	24.99	24.98	24.99	24.99	23.34	24.13	24.06
		90	45	25.54	**25.55**	25.55	25.54	**25.55**	25.55	25.54	25.55	**25.55**	24.16	24.69	24.65
		180	0	24.98	24.99	25.04	24.98	24.99	25.04	24.98	24.99	25.04	23.51	23.97	23.98
	16QAM	1	0	24.28	24.29	24.34	24.28	24.29	24.34	24.28	24.29	24.34	23.49	24.45	23.31
		1	1	24.98	24.99	25.04	24.98	24.99	25.04	24.98	24.99	25.04	23.97	23.90	**24.50**
		1	186	25.08	25.09	**25.14**	25.08	25.09	**25.14**	**25.14**	25.09	**25.14**	23.89	23.98	24.24
		1	187	23.76	23.77	23.82	23.76	23.77	23.82	23.82	23.77	23.82	22.57	23.32	22.63
		90	45	24.88	24.89	24.94	24.88	24.89	24.94	24.94	24.89	24.94	23.82	23.80	24.21
		180	0	23.88	23.89	23.94	23.88	23.89	23.94	23.94	23.89	23.94	23.14	23.06	23.20
	64QAM	1	0	23.93	23.94	**23.99**	23.93	23.94	**23.99**	23.99	23.94	**23.99**	22.73	**22.89**	22.70
		1	1	23.62	23.63	23.68	23.62	23.63	23.68	23.68	23.63	23.68	22.43	22.80	**22.89**
		1	186	23.44	23.42	23.47	23.44	23.42	23.47	23.50	23.42	23.47	22.76	22.41	22.75
		1	187	23.59	23.57	23.62	23.59	23.57	23.62	23.65	23.57	23.62	22.65	22.20	22.66
		90	45	23.46	23.44	23.49	23.46	23.44	23.49	23.52	23.44	23.49	22.13	22.42	22.57
		180	0	23.43	23.41	23.46	23.43	23.41	23.46	23.49	23.41	23.46	22.23	22.47	22.73
	256QAM	1	0	21.67	21.65	21.70	21.67	21.65	21.70	21.73	21.65	21.70	20.53	20.42	**20.94**
		1	1	21.77	21.75	**21.80**	21.77	21.77	**21.80**	**21.83**	21.77	21.80	20.40	20.65	20.48
		1	186	21.60	21.58	21.63	21.60	21.60	21.63	21.66	21.60	21.63	20.64	20.20	20.66
		1	187	21.43	21.41	21.46	21.43	21.43	21.46	21.49	21.43	21.46	20.17	20.42	20.38
		90	45	21.42	21.40	21.45	21.42	21.42	21.45	21.48	21.42	21.45	20.38	20.20	20.28
		180	0	21.49	21.47	21.52	21.49	21.49	21.52	21.55	21.49	21.52	20.59	20.41	20.45

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	25.33	25.38	25.33	25.38	25.46	25.56	25.30	25.60	25.42	24.85	24.95	24.91
		1	1	**25.70**	25.65	25.54	25.56	**25.70**	**25.70**	25.51	25.64	25.63	24.93	**25.20**	25.18
		1	214	25.60	25.69	25.54	25.56	25.63	25.37	25.62	25.67	25.61	24.68	24.71	25.05
		1	215	25.40	25.44	25.32	25.34	25.40	25.19	25.41	25.41	25.45	24.44	24.64	24.86
		108	54	25.66	25.63	25.65	25.50	25.66	25.55	25.62	25.66	**25.70**	24.94	24.88	25.04
		216	0	25.50	25.46	25.40	25.42	25.54	25.50	25.38	25.49	25.53	24.83	24.71	24.95
	QPSK	1	0	24.87	24.86	24.99	24.96	24.91	24.84	24.62	25.06	24.95	24.42	24.46	24.37
		1	1	25.52	**25.70**	25.54	**25.70**	25.54	25.66	25.47	25.66	25.68	**25.20**	25.12	**25.20**
		1	214	25.66	25.54	25.53	25.49	25.60	25.57	**25.70**	25.56	25.51	24.59	24.81	25.19
		1	215	24.89	24.75	24.85	24.75	25.03	24.65	24.91	24.76	24.93	23.84	24.13	24.42
		108	54	25.67	25.64	**25.70**	25.56	25.66	25.62	25.60	**25.70**	25.42	25.00	24.94	25.03
		216	0	25.01	25.00	25.01	24.93	25.02	25.00	24.89	25.04	24.80	24.32	24.25	24.43
	16QAM	1	0	23.26	23.82	23.72	23.79	23.72	23.88	23.75	23.93	23.85	23.31	23.55	23.36
		1	1	25.05	**25.13**	24.97	25.01	25.07	**25.16**	24.43	25.16	**25.44**	24.30	24.40	**24.75**
		1	214	24.86	24.94	24.69	25.05	24.97	24.93	25.42	25.03	24.82	23.68	24.43	24.69
		1	215	23.73	24.08	23.83	23.79	24.29	24.17	23.73	23.88	24.06	22.80	22.77	23.52
		108	54	24.97	24.96	24.99	24.84	25.14	24.96	25.00	24.98	24.74	24.31	24.20	24.35
		216	0	24.00	24.02	24.03	24.06	24.15	23.99	24.04	24.14	24.02	23.39	23.25	23.51
	64QAM	1	0	23.41	23.07	23.18	23.48	23.60	23.52	23.18	23.55	23.41	23.09	23.07	22.97
		1	1	23.21	23.04	23.32	23.44	23.62	**23.75**	23.11	23.53	23.52	23.16	**23.22**	23.05
		1	214	23.61	23.18	23.16	23.52	23.45	23.21	23.41	**23.62**	23.44	22.26	22.62	22.97
		1	215	23.51	**23.68**	23.08	23.56	23.51	23.24	23.50	23.61	23.39	22.21	22.61	22.80
		108	54	23.54	23.39	23.51	23.49	23.66	23.41	23.54	23.56	23.45	22.77	22.63	22.86
		216	0	23.61	23.42	23.56	23.54	23.72	23.46	23.52	23.58	23.54	22.80	22.79	22.93
	256QAM	1	0	21.59	21.77	21.70	21.92	**21.96**	21.92	21.96	21.97	21.73	20.87	20.71	**20.95**
		1	1	21.85	21.47	21.63	21.54	21.90	21.82	21.76	21.63	**22.06**	20.89	**20.95**	20.84
		1	214	**21.94**	21.60	21.57	21.54	21.81	21.66	21.70	21.99	21.72	20.20	20.33	20.91
		1	215	21.69	21.19	21.56	21.55	21.72	21.52	21.42	21.77	21.65	20.06	20.39	20.76
		108	54	21.53	21.36	21.44	21.41	21.61	21.32	21.49	21.54	21.53	20.76	20.55	20.80
		216	0	21.61	21.41	21.47	21.44	21.55	21.36	21.47	21.53	21.56	20.74	20.75	20.87

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8.12. 5G NR n70

Test Engineer ID:	27957	Test Date:	2024-01-09

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	25.39	25.34	25.56	25.03	25.14	25.01	24.97	24.77	24.90	24.71	24.55	24.63
		1	1	25.47	25.49	**25.68**	25.65	**25.70**	25.62	**25.50**	**25.50**	25.45	25.16	25.08	25.17
		1	23	25.60	**25.68**	25.58	25.52	25.53	25.61	25.44	25.31	**25.50**	**25.19**	25.08	25.06
		1	24	25.29	25.34	25.41	24.99	25.05	25.00	24.90	24.82	24.81	24.61	24.52	24.62
		12	6	25.54	25.54	25.61	25.49	25.48	25.49	25.41	25.30	25.32	25.08	25.00	25.11
		25	0	25.33	25.25	25.39	24.92	24.98	25.02	24.88	24.77	24.77	24.54	24.49	24.53
	QPSK	1	0	24.87	24.71	25.04	24.54	24.68	24.58	24.50	24.20	24.36	24.18	24.12	24.18
		1	1	25.69	25.62	25.68	**25.70**	25.53	**25.70**	**25.49**	25.40	25.35	25.11	25.12	25.18
		1	23	**25.70**	**25.70**	**25.70**	25.45	25.52	25.47	25.46	25.29	25.40	**25.20**	**25.20**	**25.20**
		1	24	24.88	24.96	24.98	24.50	24.60	24.50	24.44	24.31	24.38	24.13	24.16	24.11
		12	6	25.58	25.52	25.67	25.51	25.51	25.57	25.46	25.30	25.38	25.11	25.02	25.11
		25	0	24.77	24.83	24.90	24.49	24.49	24.50	24.46	24.32	24.35	24.11	24.04	24.05
	16QAM	1	0	23.77	23.70	23.93	23.67	23.76	23.40	23.24	23.37	23.19	23.26	22.89	23.04
		1	1	24.87	24.88	25.29	**24.68**	24.50	24.58	**24.70**	24.46	24.36	24.14	24.14	24.14
		1	23	24.51	24.84	**25.43**	24.63	24.59	24.52	24.46	24.06	24.34	**24.28**	24.00	23.98
		1	24	24.11	23.69	24.01	23.66	23.77	23.33	23.45	22.99	23.33	23.15	23.22	23.58
		12	6	24.84	24.84	24.88	24.47	24.66	24.54	24.50	24.30	24.25	24.06	24.09	24.09
		25	0	23.77	23.95	23.93	23.52	23.59	23.42	23.39	23.25	23.27	23.00	23.07	23.01
	64QAM	1	0	23.16	23.00	23.45	23.27	23.41	23.12	23.21	23.19	23.15	22.82	22.90	22.78
		1	1	23.35	23.49	23.31	23.32	23.28	23.44	**23.42**	23.05	23.25	22.84	22.90	22.90
		1	23	23.06	23.46	23.19	**23.45**	23.16	23.29	23.19	23.14	23.01	22.80	22.80	22.92
		1	24	23.05	23.09	23.42	23.22	23.35	22.99	23.12	22.96	23.04	**23.03**	22.66	22.80
		12	6	23.26	23.48	23.42	22.98	22.98	22.95	22.93	22.76	22.86	22.55	22.53	22.59
		25	0	23.27	23.41	**23.52**	22.96	23.06	22.98	22.97	22.80	22.81	22.56	22.57	22.55
	256QAM	1	0	21.53	21.52	**21.75**	20.73	**21.34**	21.06	20.93	20.86	20.96	20.56	20.55	20.52
		1	1	21.18	21.48	21.61	21.17	21.19	20.86	**21.14**	20.87	20.89	20.45	20.39	**20.75**
		1	23	21.50	21.60	21.41	20.93	21.06	20.93	21.10	20.85	20.93	20.48	20.29	20.38
		1	24	21.30	21.61	21.47	20.84	21.01	21.04	21.09	20.77	20.81	20.49	20.41	20.50
		12	6	21.22	21.39	21.42	20.95	20.95	20.96	20.97	20.71	20.68	20.56	20.45	20.52
		25	0	21.31	21.39	21.45	20.90	21.09	21.06	20.99	20.75	20.79	20.57	20.49	20.46

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	25.49	25.42	25.44	25.09	25.23	25.00	24.92	25.07	25.07	24.61	24.69	24.67
		1	1	25.67	25.69	**25.70**	**25.70**	25.62	25.48	**25.50**	**25.50**	25.40	25.14	**25.20**	25.16
		1	50	25.61	25.65	25.68	25.61	25.60	25.37	25.45	25.44	25.46	25.09	25.18	25.11
		1	51	25.49	25.46	25.45	25.05	25.05	24.91	24.83	24.89	24.90	24.59	24.60	24.55
		25	12	25.64	25.64	25.57	25.56	25.65	25.42	25.40	25.42	25.42	25.09	25.15	25.02
		50	0	25.47	25.40	25.45	25.10	25.14	24.95	24.94	24.98	24.96	24.60	24.69	24.60
	QPSK	1	0	24.96	24.99	24.97	24.64	24.57	24.46	24.46	24.53	24.54	24.22	24.27	24.20
		1	1	**25.70**	**25.70**	25.63	**25.70**	**25.70**	**25.70**	25.34	25.44	**25.50**	**25.20**	25.16	25.12
		1	50	25.69	25.60	25.64	25.55	25.60	25.39	25.44	25.47	25.37	24.97	25.19	**25.20**
		1	51	24.87	24.96	24.95	24.52	24.57	24.36	24.37	24.41	24.40	24.03	24.24	24.10
		25	12	25.69	25.69	25.66	25.56	25.64	25.45	25.32	25.47	**25.50**	25.11	25.18	25.10
		50	0	24.99	24.94	24.99	24.58	24.65	24.45	24.40	24.48	24.51	24.13	24.18	24.07
	16QAM	1	0	24.18	24.26	24.23	23.89	23.38	23.33	23.06	23.54	23.58	23.21	23.20	23.26
		1	1	24.96	**25.20**	25.03	24.62	**24.75**	24.57	24.55	24.25	24.54	24.10	**24.34**	23.83
		1	50	24.74	24.54	25.12	24.27	24.72	24.24	24.53	24.45	**24.76**	24.02	24.18	23.80
		1	51	24.02	24.15	24.27	23.34	23.70	23.50	23.66	23.38	23.54	22.83	23.10	22.93
		25	12	24.99	25.01	25.00	24.58	24.65	24.38	24.44	24.48	24.44	24.14	24.15	24.09
		50	0	23.96	24.04	24.00	23.58	23.60	23.36	23.43	23.45	23.45	23.07	23.19	23.08
	64QAM	1	0	23.43	23.23	23.43	**23.55**	23.12	23.43	23.33	23.03	23.42	22.91	**22.92**	22.85
		1	1	23.25	23.39	23.17	23.32	23.41	23.14	23.43	**23.46**	23.26	22.83	22.90	22.66
		1	50	23.33	23.42	23.12	23.37	23.39	22.86	23.34	23.27	23.21	22.63	22.84	22.91
		1	51	22.97	23.46	23.25	23.35	23.48	23.12	23.39	23.14	23.25	22.82	22.80	22.82
		25	12	23.41	23.43	23.49	23.12	23.18	22.96	22.94	23.04	23.01	22.62	22.61	22.59
		50	0	23.43	**23.55**	23.39	23.10	23.15	22.91	22.96	23.00	23.04	22.61	22.62	22.57
	256QAM	1	0	21.41	21.55	21.46	20.94	21.12	20.82	20.82	**21.23**	21.03	**20.77**	20.64	20.48
		1	1	21.38	21.39	21.42	20.93	**21.30**	20.91	21.04	20.92	21.05	20.42	20.57	20.73
		1	50	21.47	21.42	21.71	20.85	21.02	20.93	20.70	20.81	20.99	20.68	20.48	20.45
		1	51	**21.75**	21.68	21.57	20.86	20.93	20.90	20.76	20.94	21.09	20.61	20.56	20.57
		25	12	21.42	21.56	21.53	20.98	21.11	20.86	20.83	20.92	20.94	20.61	20.62	20.54
		50	0	21.50	21.59	21.57	21.03	21.12	20.82	20.83	20.93	20.96	20.60	20.67	20.57

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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		25.52			25.14			25.00			24.64	
		1	1		25.59			**25.58**			25.39			**25.16**	
		1	77		**25.66**			25.51			**25.50**			**25.16**	
		1	78		25.39			25.06			24.92			24.53	
		36	18		25.55			25.49			25.26			25.03	
		75	0		25.49			25.05			24.91			24.53	
	QPSK	1	0		24.96			24.65			24.44			24.16	
		1	1		25.60			**25.70**			25.45			25.18	
		1	77		**25.70**			25.57			**25.46**			**25.20**	
		1	78		24.97			24.41			24.38			24.00	
		36	18		25.67			25.61			25.44			25.01	
		75	0		25.02			24.56			24.49			24.04	
	16QAM	1	0		24.19			23.95			23.63			23.46	
		1	1		**25.10**			**24.60**			24.23			24.21	
		1	77		24.82			24.39			24.25			**24.24**	
		1	78		24.01			23.79			23.36			22.91	
		36	18		24.94			24.54			**24.45**			24.13	
		75	0		23.95			23.56			23.51			23.09	
	64QAM	1	0		23.30			23.36			23.18			**22.92**	
		1	1		23.25			**23.44**			**23.19**			**22.92**	
		1	77		23.09			23.29			23.16			22.78	
		1	78		23.29			23.36			23.14			22.81	
		36	18		**23.48**			22.98			22.93			22.50	
		75	0		23.42			23.03			22.94			22.54	
	256QAM	1	0		**21.56**			**21.18**			20.90			**20.83**	
		1	1		21.37			21.17			21.00			20.70	
		1	77		**21.56**			20.98			20.81			20.45	
		1	78		21.51			20.98			**21.12**			20.45	
		36	18		21.31			21.04			20.88			20.50	
		75	0		21.39			20.99			20.94			20.50	

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8.13. LTE BAND 71 AND 5G NR n71

LTE BAND 71

Test Engineer ID:	39004	Test Date:	2023-12-01

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	25.55	25.61	25.64	25.12	25.06	25.13
		1	12	**25.70**	**25.70**	**25.70**	**25.20**	**25.20**	**25.20**
		1	24	25.55	25.58	25.52	25.09	25.06	25.08
		12	0	24.87	24.91	24.95	24.06	24.10	24.17
		12	6	24.97	24.92	24.95	24.15	24.10	24.19
		12	11	24.92	24.97	24.89	24.12	24.14	24.13
		25	0	24.93	24.90	24.95	24.14	24.07	24.17
	16QAM	1	0	25.02	25.01	25.00	24.48	24.57	24.51
		1	12	**25.15**	25.11	25.03	24.61	**24.70**	24.59
		1	24	25.00	24.98	24.92	24.45	24.55	24.50
		12	0	23.87	23.90	23.97	23.11	23.18	23.20
		12	6	23.99	23.91	23.96	23.21	23.20	23.21
		12	11	23.97	23.95	23.90	23.18	23.22	23.19
		25	0	23.94	23.89	23.96	23.20	23.11	23.17
	64QAM	1	0	24.25	24.11	24.10	23.33	23.41	23.42
		1	12	**24.26**	24.23	24.10	23.33	**23.53**	23.41
		1	24	24.21	24.09	23.96	23.26	23.38	23.33
		12	0	22.97	22.92	23.02	22.14	22.13	22.29
		12	6	23.05	22.93	23.03	22.24	22.17	22.30
		12	11	23.00	22.96	22.95	22.20	22.21	22.29
		25	0	22.98	22.89	22.96	22.09	22.12	22.28
	256QAM	1	0	21.07	20.97	21.05	20.07	20.31	20.38
		1	12	21.06	21.04	**21.12**	20.18	**20.45**	20.42
		1	24	20.96	20.99	20.96	20.10	20.33	20.32
		12	0	20.87	20.90	20.94	20.03	20.13	20.29
		12	6	20.97	20.94	20.98	20.13	20.18	20.28
		12	11	20.91	20.96	20.94	20.10	20.21	20.23
		25	0	20.91	20.88	20.92	20.07	20.11	20.25

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**	25.19	**25.20**	**25.20**
		1	24	25.66	25.67	25.66	**25.20**	25.15	**25.20**
		1	49	25.61	25.56	25.50	25.12	25.12	25.10
		25	0	24.95	24.91	24.94	24.15	24.16	24.15
		25	12	25.01	24.91	24.91	24.20	24.15	24.17
		25	24	24.97	24.93	24.90	24.17	24.17	24.20
		50	0	25.00	24.89	24.86	24.20	24.11	24.16
	16QAM	1	0	**25.20**	25.15	25.16	24.52	**24.64**	24.52
		1	24	25.13	25.12	25.13	24.43	24.53	24.55
		1	49	25.08	25.10	25.00	24.49	24.57	24.46
		25	0	23.96	23.95	23.93	23.15	23.16	23.15
		25	12	24.03	23.94	23.93	23.21	23.16	23.16
		25	24	23.96	23.96	23.94	23.19	23.20	23.21
		50	0	24.02	23.90	23.87	23.21	23.13	23.15
	64QAM	1	0	**24.28**	24.10	24.19	23.46	23.35	**23.53**
		1	24	24.27	24.08	24.20	23.39	23.41	23.48
		1	49	24.24	23.97	24.04	23.36	23.29	23.39
		25	0	22.96	22.94	22.96	22.11	22.22	22.27
		25	12	23.03	22.93	22.91	22.17	22.21	22.28
		25	24	22.99	22.96	22.94	22.12	22.21	22.29
		50	0	22.99	22.93	22.90	22.16	22.17	22.22
	256QAM	1	0	21.07	21.00	21.09	20.25	20.28	20.36
		1	24	21.14	**21.14**	**21.14**	20.30	20.36	**20.40**
		1	49	21.10	21.00	21.04	20.20	20.22	20.28
		25	0	20.91	20.95	20.92	20.08	20.18	20.25
		25	12	21.01	20.93	20.92	20.16	20.19	20.22
		25	24	20.95	20.95	20.93	20.10	20.21	20.27
		50	0	20.96	20.90	20.90	20.14	20.17	20.21

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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**	25.68	**25.70**	25.14	25.18	25.19
		1	37	**25.70**	**25.70**	25.66	**25.20**	**25.20**	**25.20**
		1	74	25.66	25.64	25.50	25.11	25.13	25.05
		36	0	25.06	25.03	24.99	24.16	24.23	24.20
		36	16	25.10	25.00	24.98	24.23	24.19	24.17
		36	35	25.05	25.03	24.98	24.17	24.23	24.22
		75	0	25.08	25.00	24.98	24.23	24.18	24.19
	16QAM	1	0	25.15	**25.19**	25.15	24.38	24.42	24.52
		1	37	25.14	25.18	25.16	24.44	24.49	**24.55**
		1	74	25.10	25.11	25.01	24.39	24.35	24.29
		36	0	24.05	24.05	24.01	23.18	23.23	23.24
		36	16	24.12	24.02	23.99	23.25	23.22	23.22
		36	35	24.06	24.04	23.99	23.20	23.24	23.25
		75	0	24.13	23.99	23.98	23.26	23.23	23.18
	64QAM	1	0	24.41	24.21	24.13	23.47	23.42	**23.58**
		1	37	**24.44**	24.27	24.13	23.47	23.44	23.52
		1	74	24.34	24.17	23.99	23.45	23.31	23.33
		36	0	23.10	23.07	23.05	22.19	22.29	22.35
		36	16	23.15	23.06	23.02	22.26	22.27	22.32
		36	35	23.11	23.07	23.01	22.18	22.29	22.32
		75	0	23.18	23.04	23.03	22.28	22.27	22.35
	256QAM	1	0	21.17	21.12	21.13	20.26	20.39	**20.50**
		1	37	21.17	21.13	21.16	20.32	20.42	20.47
		1	74	**21.25**	21.15	21.06	20.32	20.36	20.42
		36	0	21.11	21.08	21.06	20.21	20.29	20.36
		36	16	21.16	21.04	21.02	20.24	20.25	20.31
		36	35	21.13	21.06	21.03	20.21	20.27	20.35
		75	0	21.18	21.04	21.04	20.27	20.23	20.33

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**	**25.20**	**25.20**	**25.20**
		1	49	25.64	25.64	25.68	25.19	25.18	25.19
		1	99	25.60	25.57	25.46	25.14	25.15	25.02
		50	0	25.06	25.04	25.02	24.23	24.20	24.24
		50	24	25.08	24.94	25.07	24.28	24.19	24.22
		50	49	24.98	24.95	24.98	24.22	24.17	24.22
		100	0	25.07	24.96	25.00	24.29	24.18	24.21
	16QAM	1	0	25.29	25.11	25.10	24.44	24.51	24.53
		1	49	**25.42**	25.19	25.26	24.58	**24.76**	24.74
		1	99	25.12	24.93	24.89	24.35	24.46	24.36
		50	0	24.03	24.01	24.04	23.25	23.22	23.27
		50	24	24.06	23.96	24.06	23.30	23.20	23.22
		50	49	24.01	23.93	24.00	23.22	23.20	23.23
		100	0	24.09	23.95	24.02	23.32	23.19	23.24
	64QAM	1	0	24.23	24.13	24.22	23.47	23.49	23.56
		1	49	**24.34**	24.21	24.27	**23.60**	23.53	23.57
		1	99	24.14	23.97	24.01	23.32	23.32	23.28
		50	0	23.01	23.01	23.07	22.27	22.30	22.39
		50	24	23.07	22.96	23.12	22.32	22.25	22.41
		50	49	22.99	22.96	23.01	22.22	22.26	22.32
		100	0	23.07	22.96	23.04	22.34	22.27	22.35
	256QAM	1	0	21.15	21.18	**21.25**	20.39	20.41	**20.50**
		1	49	21.14	21.14	21.12	20.34	20.41	20.44
		1	99	21.09	21.14	21.16	20.41	20.40	20.41
		50	0	21.06	21.05	21.05	20.27	20.31	20.38
		50	24	21.06	20.97	21.08	20.30	20.24	20.41
		50	49	21.01	21.01	21.02	20.24	20.26	20.34
		100	0	21.09	20.98	21.01	20.30	20.28	20.33

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5G NR n71

Test Engineer ID:	52275	Test Date:	2023-11-28

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	25.44	25.44	25.28	24.68	24.64	24.68
		1	1	**25.70**	25.61	25.52	25.16	**25.20**	25.11
		1	23	25.56	25.57	25.53	25.11	25.12	25.05
		1	24	25.39	25.39	25.19	24.62	24.70	24.59
		12	6	25.59	25.69	25.50	25.11	**25.20**	**25.20**
		25	0	25.30	25.39	25.21	24.55	24.63	24.67
	QPSK	1	0	24.70	24.94	24.82	24.12	24.22	24.09
		1	1	25.57	**25.70**	**25.70**	25.14	**25.20**	25.10
		1	23	25.59	25.60	25.58	**25.20**	25.15	24.70
		1	24	24.82	25.01	24.69	24.08	24.12	23.76
		12	6	25.66	25.62	25.55	25.14	**25.20**	25.13
		25	0	24.88	24.86	24.80	24.13	24.22	24.13
	16QAM	1	0	23.69	23.78	23.69	23.26	23.40	22.85
		1	1	24.14	24.80	24.83	**24.36**	24.21	24.05
		1	23	**25.07**	24.82	24.95	24.33	24.12	23.93
		1	24	24.00	23.43	23.48	23.20	23.11	22.68
		12	6	24.81	24.96	24.80	24.10	24.25	24.15
		25	0	23.82	23.98	23.78	23.00	23.16	23.17
	64QAM	1	0	23.10	**23.58**	23.08	22.47	**22.87**	22.41
		1	1	23.20	23.32	23.28	22.68	22.59	22.76
		1	23	23.34	23.41	23.09	22.74	22.76	22.52
		1	24	23.47	23.42	23.39	22.56	22.69	22.55
		12	6	23.39	23.46	23.24	22.54	22.69	22.55
		25	0	23.41	23.46	23.26	22.67	22.75	22.61
	256QAM	1	0	**21.54**	21.45	21.43	20.38	20.71	20.29
		1	1	21.47	21.48	21.08	20.58	20.59	20.42
		1	23	21.45	21.29	21.18	20.59	20.67	20.58
		1	24	21.42	21.45	21.24	20.39	**20.75**	20.32
		12	6	21.37	21.39	21.27	20.57	20.70	20.54
		25	0	21.41	21.43	21.38	20.60	20.69	20.62

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	25.52	25.34	25.42	24.72	24.70	24.68
		1	1	**25.70**	25.50	25.69	25.15	25.17	**25.20**
		1	50	25.41	25.56	25.54	25.04	**25.20**	25.11
		1	51	25.28	25.37	25.31	24.58	24.71	24.57
		25	12	25.48	25.51	25.51	25.05	25.12	25.09
		50	0	25.33	25.31	25.33	24.58	24.64	24.63
	QPSK	1	0	24.71	24.93	25.07	24.11	24.21	24.23
		1	1	25.62	25.61	**25.70**	**25.20**	25.17	25.18
		1	50	25.59	**25.70**	25.57	25.04	25.12	25.01
		1	51	24.87	24.91	24.83	23.98	24.15	23.90
		25	12	25.61	25.54	25.56	25.09	25.12	25.14
		50	0	24.85	24.81	24.86	24.05	24.11	24.12
	16QAM	1	0	23.53	23.75	24.40	23.28	23.48	23.14
		1	1	24.93	24.98	**25.33**	23.75	24.23	**24.31**
		1	50	24.78	24.74	24.84	24.02	24.18	24.06
		1	51	23.98	23.87	23.78	23.13	22.91	22.85
		25	12	24.84	24.80	24.86	24.05	24.14	24.13
		50	0	23.78	23.87	23.83	23.11	23.16	23.13
	64QAM	1	0	23.19	23.18	23.52	22.57	22.71	22.68
		1	1	23.20	23.39	**23.57**	**22.78**	22.59	22.53
		1	50	23.12	23.04	23.29	22.50	22.70	22.49
		1	51	23.22	23.40	22.96	22.46	22.58	22.52
		25	12	23.38	23.24	23.25	22.64	22.73	22.63
		50	0	23.43	23.24	23.35	22.58	22.64	22.58
	256QAM	1	0	**21.59**	21.57	21.56	20.45	**20.77**	20.30
		1	1	21.44	21.49	21.24	20.61	20.72	20.56
		1	50	21.43	21.44	21.34	20.40	20.69	20.44
		1	51	21.30	21.41	21.30	20.43	20.61	20.22
		25	12	21.45	21.34	21.35	20.59	20.73	20.62
		50	0	21.49	21.30	21.39	20.47	20.69	20.54

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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	25.43	25.42	25.36	24.73	24.74	24.69
		1	1	**25.70**	**25.70**	25.65	**25.20**	25.18	25.18
		1	77	25.35	25.52	25.42	25.06	**25.20**	24.98
		1	78	25.12	25.37	25.27	24.50	24.69	24.50
		36	18	25.36	25.43	25.52	25.05	24.98	24.96
		75	0	25.20	25.30	25.37	24.57	24.56	24.46
	QPSK	1	0	24.55	24.89	24.91	24.23	24.10	24.06
		1	1	25.63	25.55	**25.70**	25.13	25.16	**25.20**
		1	77	25.34	25.60	25.46	24.93	25.01	24.73
		1	78	24.66	24.89	24.67	24.06	24.01	23.79
		36	18	25.46	25.48	25.55	25.11	25.08	25.09
		75	0	24.74	24.80	24.79	24.05	24.06	24.04
	16QAM	1	0	23.41	23.76	24.00	23.46	23.03	23.23
		1	1	24.39	24.89	**25.01**	24.32	**24.36**	**24.36**
		1	77	24.69	24.88	24.71	24.22	24.09	24.20
		1	78	24.15	23.53	23.62	22.88	22.97	22.80
		36	18	24.75	24.87	24.87	24.09	24.02	24.18
		75	0	23.72	23.81	23.85	23.10	23.12	23.09
	64QAM	1	0	22.98	23.21	23.36	22.69	22.31	22.80
		1	1	23.06	23.38	23.35	22.62	22.77	22.81
		1	77	22.89	23.22	23.06	22.59	**22.83**	22.46
		1	78	22.85	22.96	22.98	22.38	22.58	22.31
		36	18	23.33	23.38	**23.41**	22.57	22.58	22.55
		75	0	23.30	23.34	23.40	22.64	22.59	22.63
	256QAM	1	0	21.39	**21.65**	21.50	20.62	**20.75**	20.71
		1	1	21.43	21.37	21.52	20.69	20.69	20.57
		1	77	21.26	21.54	21.34	20.43	20.53	20.19
		1	78	20.94	21.24	21.41	20.48	20.34	20.20
		36	18	21.21	21.35	21.27	20.59	20.63	20.53
		75	0	21.27	21.38	21.32	20.62	20.59	20.52

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	25.41	25.38	25.44	24.72	24.61	24.65
		1	1	**25.58**	25.56	25.55	**25.20**	**25.20**	25.17
		1	104	25.29	25.49	25.44	25.11	25.01	25.05
		1	105	25.19	25.27	25.27	24.56	24.50	24.49
		50	25	25.40	25.57	25.51	25.10	25.05	25.11
		100	0	25.20	25.41	25.34	24.58	24.57	24.59
	QPSK	1	0	24.46	24.99	24.94	24.12	24.11	24.10
		1	1	**25.70**	**25.70**	**25.70**	25.07	25.09	**25.20**
		1	104	25.40	25.46	25.37	24.97	24.98	24.82
		1	105	24.66	24.78	24.74	23.96	24.00	23.87
		50	25	25.40	25.55	25.54	25.09	25.06	25.14
		100	0	24.69	24.91	24.84	24.05	24.10	24.07
	16QAM	1	0	23.50	23.58	24.06	23.02	23.09	22.85
		1	1	24.66	24.77	**25.27**	**24.55**	23.95	23.97
		1	104	24.79	24.90	24.91	23.83	24.05	24.17
		1	105	23.61	23.96	23.36	22.91	23.36	22.99
		50	25	24.72	24.97	24.83	24.03	24.11	24.21
		100	0	23.70	23.83	23.85	23.05	23.12	23.08
	64QAM	1	0	22.99	23.22	23.19	**22.79**	22.72	22.54
		1	1	22.98	23.10	23.40	22.74	22.54	22.73
		1	104	22.84	23.12	22.97	22.59	22.63	22.66
		1	105	**23.42**	23.34	23.32	22.77	22.37	22.63
		50	25	23.16	23.41	23.37	22.64	22.61	22.69
		100	0	23.22	23.40	23.36	22.57	22.58	22.60
	256QAM	1	0	21.30	21.47	21.38	20.66	20.44	20.77
		1	1	21.39	21.60	21.15	20.58	20.48	**20.80**
		1	104	21.40	21.63	21.50	20.63	20.43	20.54
		1	105	21.31	**21.64**	21.24	20.45	20.71	20.49
		50	25	21.27	21.42	21.46	20.56	20.47	20.68
		100	0	21.20	21.38	21.23	20.54	20.50	20.68

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8.14. 5G NR n77 (FCC Part 27 3450-3550MHz)

Test Engineer ID:	27342	Test Date:	2024-01-23

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	24.99	24.99	25.18	25.82	25.64	25.80	25.12	25.21	25.12	24.43	25.11	25.01
		1	1	28.48	28.63	**28.70**	28.14	**28.20**	28.15	28.58	28.61	28.61	27.55	27.54	27.54
		1	22	**28.70**	**28.70**	28.61	**28.20**	28.19	**28.20**	28.67	28.62	28.65	27.52	**27.60**	27.48
		1	23	25.11	25.08	24.96	25.76	25.66	25.72	25.19	25.21	25.17	24.98	25.01	25.05
		12	6	28.62	28.58	28.55	28.17	**28.20**	28.06	**28.68**	28.62	28.59	27.49	27.49	27.53
		24	0	28.04	28.07	27.99	27.58	27.90	28.16	28.15	28.21	28.01	**27.60**	27.53	**27.60**
	QPSK	1	0	25.06	25.04	25.10	25.73	25.85	25.61	25.11	25.09	25.16	25.14	25.00	25.10
		1	1	28.56	28.57	28.58	27.51	27.74	27.94	28.62	28.60	**28.70**	27.35	27.29	27.40
		1	22	28.60	**28.63**	28.52	27.53	27.87	**28.05**	**28.70**	28.66	28.55	27.36	**27.44**	27.39
		1	23	25.02	25.06	25.04	25.69	25.77	25.65	25.07	25.12	25.20	25.05	24.96	25.16
		12	6	28.49	28.56	28.47	27.56	27.77	27.93	28.66	**28.70**	28.53	27.37	27.35	27.38
		24	0	27.48	27.57	27.55	26.52	26.75	26.87	27.63	27.67	27.53	26.46	26.39	26.41
	16QAM	1	0	25.02	25.25	24.74	25.55	25.40	25.10	25.02	25.27	25.21	25.30	25.21	24.74
		1	1	27.11	27.73	**27.76**	26.29	26.61	26.49	**27.94**	27.54	27.52	26.21	26.29	**26.49**
		1	22	27.36	27.64	27.56	26.36	26.40	**26.87**	27.78	27.64	27.71	26.36	26.47	26.15
		1	23	25.31	24.92	25.41	25.27	25.97	25.63	25.18	25.56	25.09	25.01	25.10	25.05
		12	6	27.48	27.57	27.59	26.31	26.49	26.60	27.63	27.62	27.66	26.30	26.28	26.32
		24	0	26.41	26.57	26.50	25.47	25.70	25.86	26.63	26.67	26.59	25.57	25.53	25.50
	64QAM	1	0	25.08	24.87	24.95	25.01	25.55	25.62	25.12	24.69	24.94	25.32	25.21	25.25
		1	1	25.93	26.01	26.17	25.01	25.48	25.50	25.94	26.03	26.04	25.33	**25.56**	25.35
		1	22	**26.34**	26.03	26.15	25.15	25.54	25.61	26.03	26.03	26.03	25.39	25.38	25.41
		1	23	25.35	25.15	25.05	25.32	25.48	**25.69**	25.06	25.01	25.09	25.34	25.45	25.10
		12	6	25.91	26.06	26.00	24.90	25.28	25.27	26.08	**26.21**	26.16	25.11	24.87	25.13
		24	0	25.86	26.05	26.06	24.97	25.32	25.28	26.10	26.13	26.03	25.06	25.13	25.06
	256QAM	1	0	23.45	23.75	23.50	24.09	24.44	24.38	24.30	24.26	24.37	24.12	24.23	24.16
		1	1	23.43	23.51	23.65	24.05	24.57	24.59	24.02	24.12	**24.45**	24.22	24.40	24.23
		1	22	23.64	23.67	23.61	24.11	**24.77**	24.58	24.34	24.05	24.14	24.23	24.04	**24.43**
		1	23	23.56	23.58	23.66	24.24	24.62	24.66	24.04	24.38	24.19	24.37	24.23	24.31
		12	6	23.82	23.93	23.84	24.01	24.31	24.33	23.93	24.08	24.07	24.03	24.04	23.98
		24	0	23.91	23.96	**23.97**	24.19	24.44	24.47	24.12	24.19	24.16	24.03	24.19	24.09

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	25.15	24.97	25.12	25.69	25.79	25.67	24.99	25.08	25.01	25.05	24.88	24.82
		1	1	28.59	28.54	28.62	27.97	28.16	**28.20**	28.51	28.59	28.55	**27.60**	27.51	**27.60**
		1	36	28.62	**28.70**	**28.70**	27.98	**28.20**	28.17	28.62	**28.69**	28.60	27.58	**27.60**	27.45
		1	37	25.21	25.15	25.18	25.73	25.76	25.75	25.00	25.15	25.05	24.99	25.05	24.84
		18	9	28.60	28.46	28.53	**28.20**	28.13	28.15	28.58	28.61	28.59	27.50	27.52	27.34
		36	0	28.09	28.01	28.06	27.37	27.63	27.79	28.05	28.08	28.11	27.21	27.35	27.11
	QPSK	1	0	25.08	25.04	25.13	25.71	25.59	25.74	25.04	25.11	25.08	25.06	25.10	24.89
		1	1	28.66	28.49	28.59	27.18	27.41	27.46	28.54	28.58	28.68	26.91	26.96	26.86
		1	36	**28.70**	28.67	28.62	27.28	27.51	27.58	**28.70**	**28.70**	**28.70**	26.90	27.05	26.94
		1	37	25.25	25.13	25.17	25.70	25.78	25.68	25.05	25.07	25.09	25.00	25.15	24.89
		18	9	28.61	28.43	28.57	27.39	27.57	**27.70**	28.54	28.56	28.53	27.03	**27.17**	27.08
		36	0	27.55	27.41	27.51	26.32	26.43	26.63	27.51	27.60	27.56	25.97	26.08	25.94
	16QAM	1	0	25.26	24.81	24.97	25.24	25.77	25.54	25.31	25.25	25.09	25.01	24.68	24.81
		1	1	27.56	27.42	27.71	26.28	26.48	26.61	27.45	27.44	27.27	25.90	25.90	26.07
		1	36	**27.87**	27.76	27.35	25.84	26.62	**26.78**	27.66	**27.94**	27.39	25.81	26.08	**26.32**
		1	37	25.39	25.24	25.03	25.50	25.82	25.96	25.46	24.55	25.07	24.81	25.26	24.87
		18	9	27.57	27.47	27.57	26.29	26.54	26.58	27.55	27.61	27.60	26.03	26.04	25.93
		36	0	26.60	26.46	26.51	25.48	25.72	25.79	26.50	26.58	26.59	25.19	25.27	25.11
	64QAM	1	0	25.10	24.82	25.28	25.10	25.17	25.63	24.94	25.09	24.97	25.06	24.89	24.77
		1	1	26.12	26.04	26.35	25.20	25.44	25.58	26.06	25.81	**26.22**	25.04	24.77	25.00
		1	36	**26.40**	26.08	26.19	25.12	25.73	25.81	25.83	25.69	25.93	25.02	25.06	24.89
		1	37	25.33	25.20	25.22	24.96	25.60	**25.85**	24.79	24.93	24.97	**25.19**	24.95	24.80
		18	9	26.18	25.90	26.13	24.85	25.28	25.54	26.03	26.06	26.05	24.96	24.86	24.67
		36	0	26.10	26.03	26.08	24.79	25.42	25.51	26.05	26.02	26.09	24.93	24.86	24.71
	256QAM	1	0	23.57	23.44	23.80	23.82	24.29	24.55	24.05	24.24	24.00	24.07	23.75	23.60
		1	1	23.76	23.57	23.94	23.82	24.19	24.59	23.97	24.02	**24.36**	23.73	23.76	23.85
		1	36	23.95	23.81	23.75	23.92	24.51	**24.75**	23.78	24.03	24.13	23.98	23.88	23.83
		1	37	24.06	23.69	23.69	23.76	24.48	24.62	24.08	23.90	24.13	**24.08**	24.00	23.80
		18	9	**24.14**	23.90	24.03	23.72	24.19	24.50	23.94	23.95	24.04	23.92	23.63	23.65
		36	0	24.09	23.91	24.04	23.60	24.17	24.53	23.92	23.92	23.97	23.90	23.72	23.61

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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	25.14	24.97	25.17	25.77	25.78	25.72	25.10	25.04	24.99	24.98	25.09	25.08
		1	1	28.56	28.51	28.66	27.98	28.02	**28.20**	28.57	28.55	28.61	27.49	**27.60**	**27.60**
		1	49	**28.70**	**28.70**	28.62	28.03	28.04	28.10	**28.70**	28.55	**28.70**	**27.60**	**27.60**	27.52
		1	50	25.22	25.10	25.11	25.72	25.77	25.55	25.17	24.96	25.07	25.06	25.19	24.99
		25	12	28.57	28.39	28.56	**28.20**	**28.20**	28.05	28.55	28.53	28.55	27.51	27.55	27.50
		50	0	28.07	27.93	28.11	27.47	27.62	27.77	28.11	28.05	28.08	27.23	27.50	27.30
	QPSK	1	0	25.08	24.87	25.13	25.80	25.62	25.70	24.99	25.09	25.19	25.10	25.18	25.04
		1	1	28.62	28.32	**28.70**	27.08	27.06	27.24	28.67	28.62	28.54	26.87	26.84	26.74
		1	49	**28.70**	28.51	28.57	27.25	27.26	27.28	28.61	**28.70**	28.60	26.96	27.23	26.92
		1	50	25.05	25.06	25.13	25.73	25.73	25.48	25.12	25.02	25.01	24.87	25.03	24.99
		25	12	28.58	28.32	28.55	27.37	**27.51**	27.44	28.59	28.49	28.53	27.12	**27.29**	27.08
		50	0	27.56	27.31	27.54	26.26	26.40	26.36	27.64	27.52	27.55	26.15	26.27	26.05
	16QAM	1	0	25.15	24.88	25.08	25.29	25.20	25.25	25.15	25.17	25.07	24.94	24.60	24.98
		1	1	**27.79**	27.49	27.70	25.74	26.48	26.18	**27.93**	27.79	27.75	26.08	26.10	25.91
		1	49	27.57	27.54	27.49	25.89	26.22	**26.52**	27.89	27.57	27.67	26.13	26.03	26.25
		1	50	25.23	25.13	25.18	25.08	25.55	25.19	25.15	25.14	25.13	25.14	25.18	24.97
		25	12	27.60	27.40	27.52	26.31	**26.52**	26.39	27.60	27.49	27.57	26.25	**26.44**	26.11
		50	0	26.51	26.40	26.55	25.43	25.60	25.53	26.62	26.47	26.50	25.30	25.47	25.30
	64QAM	1	0	25.11	24.79	25.32	25.03	25.12	24.95	24.81	25.16	24.71	24.86	24.99	24.73
		1	1	26.03	26.05	26.18	25.17	25.26	24.99	25.96	**26.21**	26.03	25.17	25.13	24.94
		1	49	**26.30**	26.17	26.00	25.43	**25.45**	25.25	25.77	26.14	25.92	24.98	25.19	24.93
		1	50	24.99	25.13	25.02	24.97	25.22	25.38	25.22	25.02	24.81	24.98	**25.28**	24.89
		25	12	26.16	25.92	26.06	25.07	25.32	25.28	26.01	25.94	25.99	24.90	25.14	24.92
		50	0	26.05	25.88	26.06	24.94	25.21	25.13	26.07	25.90	25.98	24.82	25.03	24.87
	256QAM	1	0	23.91	23.52	23.81	23.62	23.97	23.84	24.08	24.28	24.17	23.82	23.68	23.74
		1	1	23.97	23.57	24.00	23.76	24.14	24.02	24.17	24.06	24.11	23.63	24.07	23.65
		1	49	23.85	23.65	23.81	23.76	**24.38**	24.24	24.22	24.10	**24.35**	23.83	23.85	23.97
		1	50	23.74	23.57	23.68	23.75	24.23	24.24	24.23	23.99	24.24	23.75	**24.15**	23.99
		25	12	24.19	23.91	**24.20**	23.93	24.33	24.25	24.01	24.08	23.94	23.76	24.07	23.83
		50	0	24.17	23.86	24.10	23.82	24.23	24.21	24.12	24.03	24.00	23.72	23.94	23.78

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	25.19	24.92	25.10	25.77	25.53	25.68	25.09	25.10	25.02	24.91	25.01	25.07
		1	1	**28.70**	28.44	**28.70**	28.04	28.03	**28.20**	28.51	28.67	**28.70**	**27.60**	**27.60**	**27.60**
		1	76	28.63	28.63	28.56	**28.20**	**28.20**	28.14	**28.70**	28.53	28.69	27.33	27.53	27.56
		1	77	25.01	25.11	24.91	25.83	25.66	25.65	25.02	24.99	25.19	24.90	24.94	24.97
		36	18	28.60	28.45	28.34	28.13	28.03	28.09	28.51	28.56	28.57	27.40	27.49	27.45
		75	0	28.09	27.95	27.96	27.47	27.50	27.76	27.96	28.05	28.04	27.28	27.49	27.23
	QPSK	1	0	25.16	24.95	25.10	25.82	25.58	25.70	25.15	25.28	25.04	25.02	25.12	25.15
		1	1	28.58	28.42	28.65	27.05	26.97	27.26	28.58	**28.70**	28.56	26.85	26.93	27.01
		1	76	28.59	**28.70**	28.42	27.32	27.22	**27.61**	28.49	28.52	28.60	26.89	27.12	27.08
		1	77	24.94	25.06	24.81	25.70	25.52	25.73	24.95	25.10	25.04	24.89	25.06	25.00
		36	18	28.60	28.34	28.38	27.40	27.32	27.50	28.54	28.54	28.58	26.98	**27.15**	27.09
		75	0	27.54	27.41	27.41	26.32	26.31	26.52	27.41	27.44	27.62	25.94	26.13	26.02
	16QAM	1	0	25.12	24.88	25.21	25.39	25.25	25.58	24.84	25.21	25.45	24.64	24.84	25.02
		1	1	27.82	27.23	**27.91**	26.24	25.84	26.21	27.45	27.83	27.52	25.54	**26.28**	25.82
		1	76	27.68	27.65	27.57	26.14	26.09	26.55	27.58	27.48	**27.93**	26.07	26.19	26.04
		1	77	25.06	25.24	24.73	25.52	25.64	26.22	25.09	24.94	25.32	24.98	24.70	25.10
		36	18	27.48	27.29	27.43	26.32	26.40	**26.64**	27.33	27.54	27.64	25.90	26.13	25.99
		75	0	26.49	26.38	26.43	25.39	25.46	25.66	26.32	26.53	26.66	25.03	25.22	25.14
	64QAM	1	0	25.20	24.97	25.11	24.91	25.10	25.25	24.71	24.92	25.09	24.59	24.74	24.69
		1	1	26.21	25.84	25.95	25.12	24.78	25.51	26.02	26.02	26.14	24.64	24.89	24.84
		1	76	**26.43**	26.17	25.84	25.36	25.36	25.58	26.08	26.14	26.03	24.77	25.14	24.88
		1	77	24.94	25.21	24.69	25.39	25.41	**25.59**	24.79	24.47	24.82	24.83	24.79	**25.15**
		36	18	26.05	25.77	25.98	25.11	25.13	25.32	25.89	25.99	**26.15**	24.64	24.83	24.75
		75	0	26.11	25.78	25.97	25.00	24.99	25.28	25.92	26.06	26.08	24.57	24.77	24.77
	256QAM	1	0	23.50	23.35	23.75	23.89	23.96	24.30	23.95	**24.39**	24.23	**23.97**	23.64	23.60
		1	1	23.85	23.57	23.60	24.17	24.05	24.42	24.14	24.30	24.06	23.54	23.44	23.85
		1	76	23.67	23.78	23.36	24.29	24.38	**24.70**	23.72	24.06	24.19	23.65	23.88	23.80
		1	77	23.88	23.63	23.55	24.19	24.31	24.40	24.14	24.06	23.97	23.78	23.84	23.74
		36	18	24.05	23.77	23.90	24.09	24.02	24.29	23.88	23.83	23.96	23.66	23.80	23.78
		75	0	**24.14**	23.83	23.93	24.07	24.09	24.33	23.87	23.93	24.07	23.64	23.70	23.75

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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	25.13	24.94	25.18	25.92	25.81	25.76	25.13	25.05	24.89	24.95	24.60	25.13
		1	1	**28.70**	28.58	**28.70**	27.90	27.93	28.07	28.60	**28.70**	28.42	27.57	27.20	27.53
		1	104	28.62	**28.70**	28.51	28.03	**28.20**	**28.20**	**28.70**	28.57	28.57	**27.60**	**27.60**	**27.60**
		1	105	25.10	25.12	24.93	25.88	25.75	25.60	25.02	24.83	24.93	25.19	24.91	25.04
		50	25	28.61	28.28	28.42	**28.20**	28.14	28.01	28.52	28.52	28.36	27.43	27.33	27.52
		100	0	28.09	27.89	28.01	27.49	27.63	27.71	27.94	28.02	27.89	27.19	27.03	27.19
	QPSK	1	0	25.21	24.91	25.16	25.85	25.71	25.76	25.01	25.07	25.00	25.16	25.00	25.07
		1	1	28.57	28.42	**28.61**	26.90	26.95	27.12	28.45	28.69	28.55	26.59	26.54	26.77
		1	104	28.58	28.59	28.46	27.22	27.28	27.36	28.53	28.51	**28.70**	26.78	26.51	26.94
		1	105	24.97	25.12	24.88	26.03	25.84	25.49	25.12	25.05	25.08	25.10	25.01	24.99
		50	25	28.49	28.33	28.54	27.40	27.47	**27.57**	28.36	28.58	28.35	**27.03**	26.81	26.98
		100	0	27.50	27.37	27.51	26.25	26.39	26.43	27.37	27.49	27.47	25.98	25.80	25.93
	16QAM	1	0	25.06	24.75	25.01	25.05	25.12	25.03	25.25	25.64	24.55	24.97	24.68	24.53
		1	1	27.52	**27.86**	27.53	25.86	25.91	26.00	27.53	**27.88**	27.57	25.68	25.59	25.59
		1	104	27.39	27.47	27.57	26.04	**26.57**	26.47	27.65	27.31	27.71	25.76	25.73	25.51
		1	105	24.87	25.06	25.01	25.34	25.20	25.70	24.92	24.75	25.15	25.25	24.89	25.05
		50	25	27.43	27.23	27.37	26.36	26.45	26.51	27.53	27.44	27.35	25.96	25.87	**26.12**
		100	0	26.45	26.35	26.49	25.42	25.54	25.59	26.48	26.45	26.39	25.07	24.91	25.18
	64QAM	1	0	25.11	24.76	25.11	24.69	24.95	24.80	24.96	25.05	24.94	24.59	24.09	24.95
		1	1	25.90	25.83	25.84	25.07	24.93	25.18	26.00	25.60	25.63	24.70	24.48	24.78
		1	104	25.92	**26.07**	25.95	25.22	25.28	25.34	**26.09**	25.61	26.02	24.47	24.50	**25.12**
		1	105	24.88	25.21	25.04	25.12	**25.38**	25.24	25.13	24.96	24.55	24.62	24.84	24.93
		50	25	25.90	25.77	25.88	25.06	25.16	25.20	25.98	25.91	25.75	24.66	24.66	24.95
		100	0	26.02	25.87	25.90	25.01	25.11	25.21	25.99	25.99	25.85	24.64	24.49	24.87
	256QAM	1	0	23.83	23.38	23.54	23.68	23.82	24.04	24.09	24.26	23.72	23.41	23.24	23.68
		1	1	23.79	23.27	23.58	23.76	23.64	23.72	24.02	24.07	24.07	23.45	23.38	23.64
		1	104	23.76	23.58	23.32	24.04	24.27	24.26	23.65	23.98	24.14	23.68	23.50	**23.97**
		1	105	23.85	23.63	23.65	23.98	24.10	**24.41**	**24.39**	24.03	23.82	23.70	23.56	23.82
		50	25	**24.07**	23.74	23.84	24.04	24.21	24.24	24.00	23.92	23.80	23.64	23.56	23.88
		100	0	23.93	23.74	23.84	24.00	24.10	24.18	23.92	23.92	23.84	23.60	23.48	23.84

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	25.05	25.20	25.09	25.84	25.48	25.74	25.41	24.96	25.27	25.12	25.06	25.08
		1	1	28.69	**28.70**	**28.70**	28.07	**28.20**	**28.20**	28.68	28.57	28.65	**27.60**	27.57	**27.60**
		1	131	28.51	28.69	28.47	28.10	28.18	28.17	**28.70**	28.48	28.49	27.45	**27.60**	27.48
		1	132	24.92	25.13	24.99	25.78	25.65	25.54	25.22	24.75	25.08	25.00	24.95	24.91
		64	32	28.51	28.62	28.66	**28.20**	28.06	28.09	28.66	28.48	28.58	27.50	27.53	27.49
		128	0	27.99	28.12	28.10	27.78	27.87	27.95	28.21	27.91	28.03	27.52	27.50	27.46
	QPSK	1	0	24.96	25.20	25.13	25.79	25.67	25.70	25.22	25.23	25.19	25.01	25.04	25.12
		1	1	**28.70**	28.64	28.69	27.12	27.04	27.26	28.67	**28.70**	**28.70**	26.90	27.02	27.15
		1	131	28.42	28.61	28.50	27.68	27.52	27.66	28.69	28.40	28.63	27.06	27.15	27.08
		1	132	24.84	25.15	24.94	25.68	25.71	25.55	25.13	24.78	25.05	25.05	25.08	24.90
		64	32	28.52	28.59	28.64	27.65	27.64	**27.87**	**28.70**	28.45	28.60	27.24	**27.33**	27.31
		128	0	27.46	27.65	27.51	26.51	26.58	26.72	27.70	27.46	27.56	26.20	26.23	26.19
	16QAM	1	0	25.12	25.29	25.01	25.22	25.34	25.50	25.33	25.72	25.48	24.85	25.03	25.46
		1	1	27.56	**28.07**	27.60	26.29	26.25	26.45	**27.85**	27.54	27.57	25.69	26.16	**26.37**
		1	131	27.32	27.34	27.10	26.58	26.79	**26.83**	27.84	27.35	27.56	26.10	25.64	26.34
		1	132	24.73	24.95	24.98	25.72	25.75	25.50	25.38	24.80	24.95	24.95	25.31	24.75
		64	32	27.50	27.55	27.56	26.56	26.53	26.80	27.70	27.49	27.64	26.23	26.27	26.25
		128	0	26.43	26.55	26.52	25.68	25.66	25.83	26.70	26.46	26.52	25.30	25.33	25.34
	64QAM	1	0	24.88	25.35	24.84	25.53	25.07	25.27	25.14	24.79	25.37	24.85	24.76	**25.33**
		1	1	26.13	26.04	26.19	25.31	25.26	25.27	26.19	26.31	**26.33**	24.63	24.67	25.09
		1	131	25.81	**26.27**	26.15	25.66	25.72	**25.96**	26.23	25.66	25.95	24.97	25.09	25.11
		1	132	24.72	25.02	25.12	25.69	25.77	25.66	25.14	24.99	25.23	25.06	25.02	25.04
		64	32	26.02	25.99	26.07	25.37	25.40	25.52	26.19	25.87	25.95	24.98	25.25	25.01
		128	0	25.95	26.06	26.03	25.34	25.32	25.47	26.18	25.92	26.04	24.93	25.11	24.95
	256QAM	1	0	23.46	24.02	23.77	24.06	24.09	24.18	24.27	23.87	24.06	23.73	23.65	23.69
		1	1	23.40	23.85	23.78	24.10	23.97	24.24	24.30	24.35	24.36	23.58	23.50	23.53
		1	131	23.38	23.90	23.65	24.52	24.35	24.27	23.97	24.00	**24.57**	23.97	**24.28**	23.93
		1	132	23.60	23.85	23.84	24.12	24.26	**24.58**	24.11	23.71	24.14	24.23	24.13	23.62
		64	32	24.00	24.00	**24.08**	24.48	24.43	24.45	24.12	23.85	24.06	23.94	24.20	23.95
		128	0	24.04	24.03	24.02	24.33	24.35	24.21	24.08	23.85	24.07	23.82	24.15	23.90

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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	25.08	25.20	25.08	25.72	25.52	25.63	24.86	25.04	25.06	25.21	25.15	25.10
		1	1	28.51	28.57	28.52	27.75	27.73	28.09	28.54	28.57	28.56	27.57	**27.60**	27.59
		1	160	**28.70**	28.67	28.49	**28.20**	**28.20**	28.17	28.55	**28.70**	**28.70**	**27.60**	27.40	27.57
		1	161	25.08	25.03	25.03	25.69	25.65	25.59	25.04	25.06	25.18	24.90	25.04	25.10
		81	40	28.48	28.63	28.69	28.12	28.09	**28.20**	28.62	28.63	28.63	27.56	27.53	**27.60**
		162	0	28.03	28.15	28.12	27.41	27.57	27.85	28.19	28.06	28.11	27.32	27.57	27.41
	QPSK	1	0	25.05	25.00	25.09	25.40	25.57	25.63	25.05	25.08	25.00	25.22	25.11	25.18
		1	1	28.53	**28.70**	28.43	26.74	26.85	27.04	**28.70**	28.58	28.69	26.73	27.01	27.01
		1	160	28.59	28.65	28.47	27.28	27.25	27.63	28.68	28.57	28.69	27.01	27.20	26.97
		1	161	25.14	25.06	24.97	25.86	25.57	25.66	24.94	24.93	25.20	24.98	25.07	25.03
		81	40	28.53	28.63	**28.70**	27.33	27.50	**27.71**	28.68	28.58	28.63	27.17	**27.41**	27.25
		162	0	27.48	27.61	27.59	26.21	26.39	26.54	27.65	27.61	27.66	26.12	26.28	26.20
	16QAM	1	0	24.97	25.29	24.60	25.21	25.12	25.44	25.06	25.14	25.56	25.00	25.21	25.00
		1	1	27.77	**27.93**	27.49	25.15	26.02	26.21	**28.05**	27.48	27.66	25.75	25.83	25.78
		1	160	27.48	27.10	27.58	26.06	26.34	**26.70**	27.23	27.44	27.45	25.78	25.95	26.23
		1	161	24.79	25.27	25.10	25.49	25.86	26.03	24.77	25.19	25.02	24.56	25.15	25.08
		81	40	27.59	27.59	27.65	26.15	26.42	**26.70**	27.67	27.56	27.59	26.19	26.24	**26.27**
		162	0	26.50	26.65	26.52	25.24	25.57	25.72	26.66	26.52	26.54	25.22	25.34	25.39
	64QAM	1	0	24.96	25.26	24.68	24.42	24.49	24.89	24.83	25.15	25.20	24.81	24.38	24.94
		1	1	25.97	26.12	26.05	24.53	25.04	25.00	25.96	26.05	26.01	24.57	25.04	25.15
		1	160	26.10	**26.31**	25.88	24.98	25.40	25.35	25.75	25.88	25.91	24.96	24.93	25.09
		1	161	24.95	25.32	24.97	25.32	25.54	**25.67**	24.39	25.37	25.01	**25.36**	25.08	24.96
		81	40	26.01	26.09	26.09	24.92	25.32	25.49	26.11	25.98	26.06	25.03	24.96	25.18
		162	0	26.04	26.12	25.98	24.79	25.26	25.33	26.12	26.04	**26.14**	24.97	24.89	25.05
	256QAM	1	0	23.56	23.84	23.51	23.78	23.52	24.09	24.38	24.21	24.39	23.61	23.54	23.70
		1	1	23.59	24.03	23.22	23.74	24.22	23.88	24.03	**24.41**	24.36	23.88	23.70	23.82
		1	160	23.44	23.52	23.68	23.87	24.27	**24.43**	23.88	23.68	23.92	23.98	23.59	23.82
		1	161	23.53	**24.28**	23.64	24.27	24.38	24.20	24.24	23.94	23.98	24.11	23.75	24.03
		81	40	23.96	24.03	24.07	24.03	24.36	24.41	24.13	23.99	24.08	24.03	23.92	**24.19**
		162	0	23.90	24.07	23.95	23.92	24.24	24.30	24.07	23.97	24.10	23.95	23.78	24.09

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	25.03	25.27	25.07	25.78	25.36	25.63	24.95	25.14	24.93	25.16	24.97	24.96
		1	1	**28.70**	28.55	28.52	28.03	27.61	**28.20**	28.36	28.61	**28.70**	**27.60**	27.55	27.48
		1	187	28.58	28.64	28.49	28.04	**28.20**	28.18	28.50	28.45	28.24	27.32	27.46	**27.60**
		1	188	25.11	25.05	24.92	25.64	25.45	25.41	24.84	24.96	24.83	24.89	25.09	24.85
		90	45	28.58	28.53	28.57	**28.20**	28.02	28.12	28.55	**28.70**	28.38	27.55	**27.60**	27.50
		180	0	28.10	27.99	28.08	27.72	27.63	27.81	28.08	28.10	27.96	27.59	27.58	27.50
	QPSK	1	0	25.12	25.12	25.00	25.57	25.53	25.56	25.03	25.29	25.02	25.22	25.27	25.08
		1	1	28.59	**28.70**	**28.70**	27.11	27.06	27.09	**28.70**	28.65	28.59	27.07	27.11	27.26
		1	187	28.64	28.54	28.45	**27.72**	27.47	27.70	28.43	28.66	28.36	27.31	27.33	27.30
		1	188	25.21	24.90	24.97	25.67	25.39	25.45	25.19	24.98	24.73	25.13	25.07	25.19
		90	45	28.58	28.46	28.58	27.49	27.47	27.54	28.59	28.56	28.40	27.37	27.37	**27.45**
		180	0	27.59	27.47	27.54	26.46	26.39	26.56	27.48	27.55	27.45	26.32	26.31	26.48
	16QAM	1	0	25.11	25.23	25.13	25.26	25.14	25.25	24.98	24.89	24.98	25.04	25.33	25.16
		1	1	27.84	27.66	**28.06**	25.74	25.76	26.07	27.56	27.68	**27.97**	26.05	26.42	26.25
		1	187	27.50	27.40	27.24	**26.93**	26.41	26.76	27.27	27.17	27.40	26.27	26.38	**26.48**
		1	188	24.56	24.70	24.87	25.39	25.76	25.95	24.45	24.85	24.99	25.15	25.00	25.11
		90	45	27.53	27.40	27.61	26.49	26.32	26.56	27.53	27.59	27.39	26.30	26.38	26.30
		180	0	26.62	26.53	26.56	25.61	25.47	25.65	26.47	26.58	26.42	25.47	25.48	25.43
	64QAM	1	0	24.90	25.10	25.38	25.14	25.00	24.92	24.69	25.13	24.81	25.16	24.90	25.13
		1	1	26.15	26.07	25.99	24.91	25.39	24.92	**26.22**	26.03	25.86	24.69	25.06	24.99
		1	187	**26.35**	26.14	26.04	**25.70**	25.27	25.38	26.02	26.11	26.05	25.31	25.30	25.26
		1	188	25.09	24.89	25.05	25.61	25.22	25.45	24.82	24.80	25.32	25.29	**25.63**	25.17
		90	45	26.05	25.96	26.08	25.25	25.15	25.32	26.07	26.09	25.94	25.03	25.11	25.03
		180	0	26.05	26.00	26.05	25.19	25.08	25.27	26.08	26.06	26.00	24.97	25.06	24.98
	256QAM	1	0	23.70	23.74	23.78	23.74	23.36	24.22	23.86	24.15	23.83	24.07	23.77	24.22
		1	1	23.78	23.74	23.58	24.27	23.72	24.21	24.15	**24.42**	24.05	23.87	24.26	23.94
		1	187	23.78	23.62	23.49	24.54	24.50	24.49	23.77	23.70	24.01	24.12	23.92	**24.27**
		1	188	23.97	23.90	23.48	24.43	24.45	**24.70**	24.01	24.12	23.78	24.14	23.97	23.86
		90	45	24.02	24.07	24.05	24.22	24.18	24.33	24.02	24.04	24.09	23.97	24.08	23.91
		180	0	**24.11**	24.01	23.99	24.22	24.12	24.24	24.06	24.06	24.02	23.91	24.11	23.92

UL VERIFICATION SERVICES INC. FORM NO: CCSUP4031B
47173 BENICIA STREET, FREMONT, CA 94538, USA TEL: (510) 319-4000 FAX: (510) 661-0888
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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	24.86	25.20	24.98	25.70	25.67	25.64	25.03	25.26	25.03	24.92	24.98	24.91
		1	1	28.63	28.63	**28.70**	28.02	28.10	27.96	28.53	28.41	**28.70**	**27.60**	27.47	27.36
		1	215	**28.70**	28.66	28.66	28.09	**28.20**	28.17	**28.70**	28.38	28.47	27.22	**27.60**	27.53
		1	216	25.00	25.12	25.03	25.59	25.57	25.74	25.05	25.08	24.99	25.07	24.87	24.76
		108	54	28.52	28.60	28.57	**28.20**	28.12	**28.20**	28.48	28.61	28.54	27.56	27.48	**27.60**
		216	0	28.09	28.11	27.97	27.75	27.80	27.72	28.00	28.01	28.09	27.45	27.36	27.43
	QPSK	1	0	24.86	25.13	25.04	25.70	25.41	25.48	24.97	24.87	24.98	25.11	24.97	25.16
		1	1	28.55	**28.70**	28.68	27.08	26.85	27.02	28.61	28.37	28.45	26.91	26.38	26.96
		1	215	28.64	28.53	28.50	**27.66**	27.50	27.57	28.56	**28.70**	28.65	**27.32**	26.70	27.20
		1	216	25.02	24.95	24.72	25.72	25.56	25.69	24.77	25.21	24.88	24.84	24.79	25.02
		108	54	28.55	28.57	28.53	27.59	27.52	27.65	28.55	28.57	28.55	27.22	27.14	27.23
		216	0	27.52	27.60	27.44	26.52	26.41	26.59	27.48	27.61	27.55	26.13	26.08	26.33
	16QAM	1	0	25.31	25.05	24.92	24.82	25.22	25.42	24.71	25.04	25.25	24.79	24.72	25.13
		1	1	27.52	27.33	27.48	26.10	26.09	26.12	27.32	27.62	27.42	25.77	25.65	25.63
		1	215	**27.74**	27.52	27.20	**26.92**	26.33	26.70	26.93	27.66	**27.70**	26.00	26.12	26.34
		1	216	25.05	24.83	25.00	25.25	25.65	25.49	24.75	25.38	24.63	25.03	25.18	25.12
		108	54	27.40	27.50	27.61	26.50	26.33	26.51	27.40	27.57	27.51	26.15	26.18	**26.37**
		216	0	26.52	26.49	26.50	25.66	25.47	25.63	26.41	26.67	26.48	25.25	25.27	25.45
	64QAM	1	0	25.07	25.22	25.17	25.24	24.77	24.72	24.59	25.25	24.92	24.60	24.84	24.89
		1	1	26.03	26.13	**26.21**	25.29	24.88	24.90	25.58	25.84	**26.21**	24.96	24.68	24.84
		1	215	26.16	26.00	25.72	25.50	25.45	**25.93**	25.96	26.14	25.34	25.05	25.12	25.18
		1	216	24.99	24.81	24.93	25.76	25.46	25.73	24.64	24.96	25.29	25.07	**25.29**	24.96
		108	54	25.91	26.01	26.05	25.28	25.07	25.30	26.00	26.13	25.92	24.94	24.82	25.14
		216	0	26.03	25.95	26.01	25.22	24.96	25.26	25.86	26.12	25.95	24.93	24.83	25.20
	256QAM	1	0	23.74	23.67	23.40	24.19	23.49	23.70	23.84	23.94	24.02	23.68	23.15	23.96
		1	1	23.63	23.64	23.81	23.83	23.59	24.01	23.60	**24.52**	24.18	23.64	23.56	**24.19**
		1	215	**24.23**	23.40	23.54	24.40	24.30	**24.62**	24.00	23.80	23.85	23.80	23.86	24.04
		1	216	23.74	23.84	23.62	24.15	24.07	24.29	23.94	24.14	23.53	24.10	23.96	23.84
		108	54	24.04	23.95	23.94	24.31	24.05	24.28	23.88	23.98	23.91	23.93	23.81	23.99
		216	0	24.01	23.98	23.97	24.22	24.00	24.20	23.80	24.00	23.94	23.85	23.70	23.94

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	25.06	25.13	25.12	24.96	24.88	24.79	24.86	25.16	25.16	25.12	25.10	25.08
		1	1	28.43	28.59	**28.70**	27.67	27.42	27.43	28.35	**28.70**	28.49	**27.60**	27.52	**27.60**
		1	243	28.55	28.59	28.58	**28.20**	**28.20**	**28.20**	28.31	28.56	**28.70**	27.49	**27.60**	27.27
		1	244	25.08	25.03	25.00	24.93	24.96	25.14	25.06	24.94	24.94	25.23	24.81	25.01
		120	60	28.56	28.59	28.56	28.04	28.01	28.04	28.53	28.45	28.62	**27.60**	27.52	27.49
		243	0	28.05	28.08	28.03	27.41	27.32	27.33	28.03	27.93	28.02	27.52	27.36	27.57
	QPSK	1	0	25.01	25.22	25.04	24.99	24.99	25.07	24.83	24.80	25.16	25.20	24.90	24.79
		1	1	**28.70**	**28.70**	28.54	26.45	26.59	26.62	28.65	28.56	28.62	27.08	26.85	27.02
		1	243	28.53	28.66	28.69	27.51	27.45	**27.78**	28.69	28.39	28.51	27.24	27.14	**27.39**
		1	244	25.25	25.02	25.01	24.96	24.68	25.06	24.80	25.08	25.28	24.85	24.99	25.08
		120	60	28.58	28.63	28.53	27.12	27.05	27.20	**28.70**	28.52	28.55	27.35	27.23	27.29
		243	0	27.54	27.61	27.49	26.17	26.02	26.15	27.57	27.44	27.53	26.24	26.14	26.22
	16QAM	1	0	25.01	24.98	25.53	24.62	24.20	24.91	25.48	25.00	24.77	25.04	24.71	24.45
		1	1	27.66	27.60	27.55	25.47	25.23	25.89	28.20	27.19	27.63	25.80	25.64	25.39
		1	243	**27.70**	27.19	27.57	26.51	26.39	**26.59**	**28.34**	27.83	27.72	25.79	26.13	25.94
		1	244	25.06	24.99	24.86	25.41	24.91	24.67	25.01	25.60	24.69	25.05	25.08	25.47
		120	60	27.48	27.59	27.46	26.11	25.96	26.10	27.77	27.41	27.50	**26.30**	26.19	26.24
		243	0	26.53	26.57	26.54	25.34	25.12	25.28	26.76	26.37	26.54	25.37	25.33	25.36
	64QAM	1	0	25.04	25.21	25.15	23.91	24.34	24.12	25.52	25.11	25.29	25.29	24.72	25.08
		1	1	25.86	**26.31**	25.86	24.16	23.99	24.20	26.00	26.18	**26.64**	24.62	24.90	**25.59**
		1	243	26.02	26.09	25.94	**25.31**	25.18	**25.31**	26.25	26.06	26.44	25.13	25.13	25.06
		1	244	24.82	25.13	24.89	25.09	24.76	25.17	24.85	25.22	25.03	25.03	25.09	25.36
		120	60	25.96	26.01	25.94	25.07	24.65	24.83	26.16	25.59	26.03	25.07	25.04	25.01
		243	0	26.08	26.03	26.03	25.05	24.69	24.85	26.18	25.70	26.02	24.89	25.01	24.90
	256QAM	1	0	23.81	23.70	23.70	23.14	23.13	23.21	**24.83**	23.97	24.51	23.33	23.47	23.38
		1	1	23.86	23.55	23.74	23.57	23.35	23.33	24.48	24.12	24.67	23.19	24.11	23.60
		1	243	24.01	23.64	23.64	**24.22**	23.55	23.93	24.02	23.66	24.33	23.72	24.08	24.05
		1	244	23.38	23.54	23.59	24.10	23.72	23.68	24.01	23.69	24.37	23.75	23.80	**24.21**
		120	60	24.04	**24.06**	24.03	23.97	23.59	23.82	24.20	23.77	23.95	23.96	23.94	23.92
		243	0	24.04	24.00	24.00	24.03	23.61	23.83	24.22	23.80	23.94	23.82	23.92	23.81

UL VERIFICATION SERVICES INC. FORM NO: CCSUP4031B
47173 BENICIA STREET, FREMONT, CA 94538, USA TEL: (510) 319-4000 FAX: (510) 661-0888
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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		24.91			24.73			24.91			24.10	
		1	1		28.61			27.18			**28.70**			27.38	
		1	271		**28.70**			**28.20**			28.61			**27.60**	
		1	272		24.98			24.76			24.94			24.41	
		135	67		28.50			27.84			28.46			27.46	
		270	0		28.04			27.14			27.97			27.35	
	QPSK	1	0		25.01			24.67			25.12			24.32	
		1	1		28.56			26.21			28.32			27.35	
		1	271		**28.70**			**27.49**			28.42			27.47	
		1	272		25.04			24.99			24.92			24.33	
		135	67		28.58			26.99			**28.54**			**27.48**	
		270	0		27.51			25.93			27.45			26.88	
	16QAM	1	0		24.79			24.45			25.33			24.21	
		1	1		27.34			24.93			**27.97**			26.44	
		1	271		27.39			**26.47**			27.37			26.75	
		1	272		25.08			24.72			25.09			24.24	
		135	67		**27.50**			25.94			27.46			**26.82**	
		270	0		26.57			25.06			26.48			25.90	
	64QAM	1	0		25.00			23.70			25.07			24.43	
		1	1		25.82			23.59			25.92			25.10	
		1	271		25.94			**25.12**			**26.27**			25.27	
		1	272		25.02			24.43			24.98			24.75	
		135	67		25.97			24.61			26.02			**25.49**	
		270	0		**25.99**			24.66			25.96			25.45	
	256QAM	1	0		23.40			22.64			24.24			22.99	
		1	1		23.66			23.17			**24.29**			22.80	
		1	271		23.54			**23.76**			23.71			23.16	
		1	272		23.74			23.63			24.27			**23.40**	
		135	67		**24.03**			23.73			23.93			23.36	
		270	0		23.90			23.68			23.93			23.34	

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8.15. 5G NR n77 (FCC Part 27 3700-3980MHz)

Test Engineer ID:	27342	Test Date:	2024-01-11

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	25.21	25.08	25.06	24.54	24.52	24.56	25.73	25.76	25.77	23.80	24.35	24.33
		1	1	28.64	28.66	28.60	**28.20**	28.07	28.19	28.65	28.59	28.58	27.37	27.49	27.35
		1	22	28.64	28.65	28.56	28.10	27.89	**28.20**	28.56	28.59	**28.70**	27.56	27.56	27.54
		1	23	25.03	25.20	25.01	24.65	24.48	24.57	25.84	25.60	25.76	24.34	24.31	24.37
		12	6	**28.70**	**28.70**	28.62	28.12	27.86	28.11	28.66	28.57	28.59	**27.60**	27.53	**27.60**
		24	0	28.22	28.15	28.13	27.64	27.41	27.61	28.66	28.56	**28.70**	27.42	27.38	26.56
	QPSK	1	0	25.19	25.15	25.11	24.56	24.41	24.41	25.76	25.76	25.72	24.35	24.35	24.38
		1	1	**28.70**	28.63	28.66	28.09	**28.20**	27.79	28.56	**28.70**	28.54	27.52	27.55	26.81
		1	22	28.66	28.59	28.64	27.98	27.85	27.80	28.62	28.51	28.69	27.40	**27.60**	26.86
		1	23	25.07	25.05	25.05	24.60	24.32	24.57	25.76	25.84	25.81	24.47	24.30	24.26
		12	6	28.69	28.65	28.60	28.00	28.04	27.71	**28.70**	28.65	28.64	27.42	27.48	26.64
		24	0	27.65	27.57	27.58	27.09	26.97	26.89	28.32	27.86	28.34	26.58	26.78	25.61
	16QAM	1	0	24.83	25.08	24.72	24.57	24.68	24.64	25.70	25.71	25.79	24.59	24.42	24.18
		1	1	27.44	27.68	27.58	26.90	26.90	27.05	28.19	28.22	**28.56**	26.50	26.52	25.74
		1	22	**27.91**	27.66	27.40	**27.22**	26.78	27.16	28.01	28.29	28.20	**26.87**	**26.87**	25.44
		1	23	24.78	24.90	25.10	24.64	24.61	24.47	25.92	25.93	25.89	24.51	24.23	24.62
		12	6	27.59	27.59	27.65	27.16	26.96	26.91	28.44	27.92	28.35	26.60	26.81	25.66
		24	0	26.56	26.53	26.54	26.10	26.00	26.05	27.31	26.96	27.36	25.67	25.76	25.04
	64QAM	1	0	25.00	25.13	25.15	24.74	24.85	24.46	25.82	25.78	25.83	24.61	24.19	24.38
		1	1	25.86	25.98	26.05	25.55	25.62	25.75	26.73	**26.91**	26.58	**25.45**	25.16	24.87
		1	22	26.19	26.07	26.03	25.71	25.54	25.50	26.63	26.56	26.84	25.23	25.26	24.56
		1	23	25.00	25.23	24.97	24.40	24.51	24.45	25.77	25.87	25.86	24.23	24.30	24.71
		12	6	26.15	**26.25**	26.10	**25.80**	25.63	25.50	26.72	26.28	26.78	25.17	25.27	24.66
		24	0	26.06	26.11	26.13	25.70	25.52	25.50	26.73	26.33	26.79	25.30	25.33	24.75
	256QAM	1	0	23.58	**24.18**	23.96	23.29	22.97	23.20	**24.96**	24.65	24.58	23.44	23.28	**23.62**
		1	1	24.07	24.15	24.00	23.61	23.23	22.97	24.70	24.55	24.67	23.35	23.53	23.45
		1	22	23.90	23.97	23.81	23.34	23.24	23.04	24.84	24.77	24.60	23.26	23.14	23.45
		1	23	23.88	23.96	23.89	23.15	23.21	23.16	24.89	24.60	24.56	23.48	22.96	23.54
		12	6	24.02	24.04	23.88	23.58	23.40	23.34	24.86	24.62	24.68	23.41	23.35	23.59
		24	0	24.07	24.17	24.05	**23.62**	23.34	23.57	24.77	24.61	24.80	23.33	23.28	23.60

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	25.10	25.13	24.85	24.68	24.53	24.60	25.88	25.88	25.65	25.71	25.50	25.74
		1	1	**28.70**	**28.70**	28.46	**28.20**	28.04	28.11	28.64	**28.70**	28.47	27.34	27.18	27.45
		1	36	28.56	28.31	28.65	28.11	28.00	**28.20**	28.43	28.65	**28.70**	27.08	26.98	**27.60**
		1	37	24.97	24.78	25.04	24.43	24.37	24.64	25.57	25.73	25.82	25.49	25.46	25.95
		18	9	28.57	28.31	28.41	28.00	27.97	28.15	28.45	28.55	28.52	27.19	27.17	27.49
		36	0	28.14	27.82	27.99	27.56	27.55	27.59	28.55	28.50	28.54	27.24	27.14	27.42
	QPSK	1	0	25.13	24.89	25.07	24.64	24.61	24.58	25.81	25.77	25.58	25.79	25.59	26.07
		1	1	28.64	28.42	28.56	27.91	28.19	27.84	28.61	28.57	28.45	27.25	27.16	27.14
		1	36	28.60	28.24	**28.70**	27.84	**28.20**	27.68	28.44	28.49	**28.63**	27.11	27.11	**27.29**
		1	37	24.99	24.75	25.10	24.58	24.47	24.68	25.60	25.68	25.71	25.48	25.44	26.00
		18	9	28.67	28.40	28.53	27.92	28.04	27.74	28.59	28.42	28.43	27.15	27.09	27.10
		36	0	27.49	27.29	27.49	27.12	27.01	26.82	28.09	27.47	28.19	27.14	27.13	26.19
	16QAM	1	0	25.09	24.82	25.54	24.19	24.68	24.78	25.87	25.87	24.89	25.72	25.37	25.30
		1	1	27.46	**27.85**	27.65	**27.70**	26.79	27.08	**28.70**	28.13	28.18	**27.60**	**27.60**	26.14
		1	36	27.41	27.34	27.69	26.82	27.10	27.04	28.00	28.17	28.61	27.10	26.94	26.42
		1	37	24.80	24.69	24.96	24.55	24.69	24.63	25.45	25.76	25.82	25.32	25.41	25.35
		18	9	27.54	27.33	27.44	27.17	27.08	26.91	28.36	27.51	28.24	27.21	27.08	26.23
		36	0	26.51	26.32	26.39	26.23	26.12	26.04	27.25	26.51	27.32	26.29	26.63	25.35
	64QAM	1	0	25.18	24.92	24.50	25.05	24.70	24.58	25.67	25.78	25.68	25.48	25.49	24.91
		1	1	**26.10**	25.99	25.76	**25.97**	25.76	25.86	26.59	**26.92**	26.72	25.79	**26.51**	25.02
		1	36	25.84	25.63	26.02	25.77	25.62	25.65	26.62	26.29	26.55	25.90	26.17	24.89
		1	37	24.59	24.88	25.04	24.57	24.72	24.48	25.30	25.69	25.86	25.43	25.34	25.17
		18	9	26.01	25.83	25.99	25.66	25.48	25.65	26.64	26.11	26.75	25.88	26.22	24.91
		36	0	26.03	25.82	26.01	25.74	25.54	25.69	26.63	26.05	26.72	25.93	26.28	24.95
	256QAM	1	0	**24.25**	23.78	23.80	23.30	23.33	23.16	24.74	24.76	24.34	24.61	24.71	24.03
		1	1	23.97	23.79	23.78	23.46	23.12	23.48	**25.03**	24.94	24.56	24.74	24.73	23.82
		1	36	23.90	23.51	23.64	23.25	23.36	23.32	24.61	24.81	24.84	24.55	24.73	23.91
		1	37	23.98	23.68	23.75	23.08	23.27	23.12	24.51	24.61	24.89	24.53	**24.83**	23.67
		18	9	23.91	23.73	23.97	23.59	23.49	23.50	24.63	24.70	24.80	24.64	24.47	23.73
		36	0	24.00	23.72	24.00	23.62	23.47	**23.63**	24.66	24.74	24.81	24.52	24.42	23.75

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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	25.04	25.02	25.00	24.52	24.62	24.70	26.01	25.89	25.56	26.05	25.92	25.77
		1	1	**28.70**	28.52	28.69	**28.20**	28.17	**28.20**	**28.70**	**28.70**	28.48	**27.60**	**27.60**	27.49
		1	49	28.49	28.46	**28.70**	27.77	28.02	28.06	28.42	**28.70**	**28.70**	27.18	27.39	**27.60**
		1	50	24.85	24.88	25.09	24.35	24.52	24.64	25.59	25.67	25.92	25.67	25.84	25.89
		25	12	28.51	28.52	28.57	28.00	28.03	28.15	28.60	28.60	28.66	27.41	27.53	27.41
		50	0	27.97	28.06	28.03	27.43	27.54	27.63	28.59	28.60	28.62	27.40	27.54	27.38
	QPSK	1	0	25.00	25.10	25.13	24.63	24.59	24.70	25.71	25.80	25.61	25.89	26.08	25.94
		1	1	28.63	**28.70**	28.69	27.80	**28.20**	27.71	28.66	28.64	28.31	**27.58**	27.57	27.05
		1	49	28.46	28.42	28.59	27.58	28.00	27.46	28.28	28.56	**28.67**	27.46	27.47	27.04
		1	50	24.79	24.91	25.08	24.39	24.52	24.52	25.45	25.80	25.87	25.73	25.83	25.90
		25	12	28.46	28.58	28.61	27.69	28.11	27.69	28.46	28.52	28.54	27.33	27.50	27.06
		50	0	27.43	27.58	27.57	26.98	27.10	26.72	28.14	27.71	28.32	27.39	27.49	26.05
	16QAM	1	0	25.07	25.01	25.07	24.92	24.84	24.95	25.95	25.84	25.40	25.71	26.04	25.17
		1	1	**27.72**	27.47	27.72	26.78	27.07	26.77	28.10	28.42	**28.43**	27.53	27.55	26.41
		1	49	27.53	27.49	27.50	26.85	27.07	26.68	28.16	**28.43**	28.33	27.42	**27.59**	26.28
		1	50	24.65	25.02	25.04	24.00	24.72	24.79	25.78	25.76	26.29	25.36	25.74	25.27
		25	12	27.44	27.56	27.53	26.82	**27.14**	26.66	28.10	27.67	28.39	27.39	27.43	26.13
		50	0	26.43	26.48	26.56	25.78	26.08	25.77	26.99	26.75	27.29	26.50	26.91	25.26
	64QAM	1	0	24.93	25.31	25.08	24.53	24.40	24.80	25.91	25.84	25.45	26.00	25.85	24.58
		1	1	25.99	**26.11**	25.80	25.43	**25.85**	25.67	26.71	**27.18**	26.56	25.97	**26.63**	24.80
		1	49	25.69	25.79	26.01	25.35	25.53	25.09	26.44	26.73	27.16	26.03	25.98	24.75
		1	50	24.84	25.05	25.16	24.00	24.44	24.39	25.48	25.89	25.88	25.60	25.97	24.55
		25	12	25.92	25.99	26.02	25.34	25.61	25.43	26.56	26.21	26.90	26.12	26.62	24.81
		50	0	25.84	25.96	25.98	25.30	25.51	25.38	26.55	26.33	26.75	26.12	26.59	24.87
	256QAM	1	0	23.81	23.98	23.84	22.95	23.31	23.23	24.79	**25.27**	24.50	24.63	25.01	23.51
		1	1	24.09	24.15	**24.28**	22.85	23.51	23.12	24.71	25.17	24.83	24.61	**25.32**	23.79
		1	49	23.85	23.93	23.95	22.51	23.08	23.57	24.57	24.47	25.03	24.77	24.94	23.71
		1	50	23.94	23.73	23.93	22.95	23.17	23.16	24.53	24.64	25.08	24.62	25.11	23.36
		25	12	23.89	24.12	24.07	23.30	**23.60**	23.58	24.63	24.77	24.91	24.86	24.98	23.76
		50	0	23.86	24.11	24.06	23.26	23.51	23.51	24.50	24.80	24.82	24.86	25.01	23.69

OUTPUT POWER FOR 5G NR n77 (30.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 7			ANT 8			ANT 9			ANT 4		
				647666	656000	664333	647666	656000	664333	647666	656000	664333	647666	656000	664333
				3715.0	3840.0	3965.0	3715.0	3840.0	3965.0	3715.0	3840.0	3965.0	3715.0	3840.0	3965.0
30.0	BPSK	1	0	26.61	26.85	26.90	24.58	24.57	24.49	25.74	25.90	25.34	25.93	26.03	25.91
		1	1	28.34	**28.68**	**28.68**	**28.20**	**28.20**	**28.20**	**28.70**	28.61	28.33	**27.60**	**27.60**	**27.60**
		1	76	28.39	28.00	28.46	27.83	27.64	27.68	28.18	28.63	**28.70**	27.22	27.09	27.35
		1	77	26.57	26.13	26.67	24.15	24.02	24.13	25.41	25.69	25.84	25.41	25.47	25.66
		36	18	**28.68**	28.18	28.65	27.96	27.95	27.80	28.37	28.45	28.41	27.34	27.32	27.37
		75	0	28.59	28.20	28.67	27.35	27.44	27.31	28.40	28.50	28.46	27.37	27.42	27.42
	QPSK	1	0	26.58	26.71	26.84	24.49	24.56	24.55	25.79	25.86	25.37	26.07	26.03	26.04
		1	1	28.36	28.50	28.57	27.39	**28.17**	27.41	28.68	**28.70**	28.24	**27.57**	27.52	27.19
		1	76	28.41	27.92	28.53	27.19	27.60	26.75	28.24	28.61	28.65	27.30	27.22	27.02
		1	77	26.65	26.11	26.63	24.02	24.12	24.09	25.38	25.87	25.60	25.62	25.57	25.95
		36	18	28.62	28.04	**28.66**	27.46	27.92	27.17	28.40	28.47	28.39	27.49	27.27	27.22
		75	0	28.52	28.13	28.65	26.75	26.91	26.28	28.07	27.70	28.14	27.31	27.36	26.24
	16QAM	1	0	26.04	26.69	27.09	23.90	24.82	24.64	25.86	26.15	25.47	26.47	26.24	25.71
		1	1	27.96	**28.70**	28.60	27.03	**27.34**	26.38	28.28	**28.47**	27.91	**27.54**	27.49	26.37
		1	76	28.33	27.82	28.51	26.41	26.63	25.92	28.09	28.13	28.33	26.84	27.25	26.06
		1	77	26.41	26.35	26.85	23.53	23.99	24.02	25.04	25.72	25.48	25.55	25.37	25.40
		36	18	**28.70**	28.09	**28.70**	26.87	26.96	26.44	28.07	27.55	28.08	27.30	27.40	26.34
		75	0	28.29	27.82	28.42	25.89	25.90	25.49	27.11	26.86	27.10	26.36	26.66	25.45
	64QAM	1	0	26.33	26.65	26.94	24.60	24.65	24.75	25.39	25.76	25.60	25.82	25.80	25.25
		1	1	27.17	27.89	27.84	25.37	**25.70**	25.37	26.87	26.77	26.19	25.90	26.44	24.94
		1	76	27.66	26.96	27.63	25.21	25.15	24.71	26.25	**26.99**	26.77	25.95	25.89	24.87
		1	77	26.40	26.03	26.93	23.98	24.39	24.50	25.48	25.82	25.62	25.77	25.33	25.11
		36	18	27.91	27.41	27.89	25.45	25.40	25.12	26.55	26.14	26.50	26.01	26.54	24.87
		75	0	27.86	27.45	**27.92**	25.42	25.44	25.10	26.63	26.41	26.60	26.01	**26.62**	24.95
	256QAM	1	0	25.34	25.93	25.77	23.35	**23.52**	22.93	24.70	24.48	24.38	24.72	24.99	23.81
		1	1	25.44	25.47	**26.03**	22.97	23.04	23.37	24.68	**25.00**	24.16	24.97	**25.34**	23.94
		1	76	25.33	25.09	25.67	23.10	22.81	22.71	24.64	24.83	24.86	24.87	24.63	23.86
		1	77	25.53	25.10	25.55	22.80	22.56	23.20	23.97	24.83	24.70	24.80	24.85	23.47
		36	18	25.86	25.35	25.89	23.37	23.26	23.27	24.63	24.75	24.46	24.65	24.92	23.61
		75	0	25.91	25.40	25.88	23.35	23.24	23.35	24.51	24.85	24.55	24.70	24.45	23.76

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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	26.50	26.72	26.70	24.64	24.62	24.55	26.03	25.81	25.20	25.79	25.87	26.03
		1	1	28.46	28.47	28.58	**28.20**	**28.20**	**28.20**	**28.70**	28.54	28.22	27.46	27.47	**27.60**
		1	104	28.04	27.72	28.16	27.55	27.39	27.60	28.03	28.47	**28.70**	27.12	26.90	27.47
		1	105	26.18	25.82	26.45	23.95	23.85	24.14	25.19	25.65	25.96	25.45	25.36	25.85
		50	25	**28.70**	27.82	28.23	27.75	27.75	27.81	28.18	28.14	28.28	27.11	27.16	27.31
		100	0	28.45	27.96	28.25	27.23	27.21	27.37	28.20	28.34	28.26	27.24	27.14	27.37
	QPSK	1	0	26.49	26.81	26.76	24.67	24.80	24.72	26.01	25.82	25.26	25.86	25.94	26.04
		1	1	28.37	28.59	**28.67**	27.35	**28.13**	27.47	28.63	**28.70**	28.14	**27.60**	27.37	27.50
		1	104	28.14	27.70	28.16	26.86	27.40	26.73	27.87	28.53	**28.70**	27.17	26.88	27.28
		1	105	26.37	25.84	26.53	24.03	23.82	24.17	25.14	25.64	25.97	25.63	25.21	25.65
		50	25	28.56	27.92	28.26	27.42	27.72	27.20	28.22	28.11	28.30	27.30	27.05	27.28
		100	0	28.47	27.98	28.30	26.72	26.74	26.17	27.95	27.49	28.01	27.36	27.08	27.15
	16QAM	1	0	26.94	26.66	26.81	24.42	24.62	24.57	25.86	25.96	25.55	26.15	25.70	26.18
		1	1	28.55	**28.70**	**28.70**	26.87	**27.16**	25.83	28.40	**28.43**	27.39	27.28	**27.60**	27.19
		1	104	28.17	27.61	27.72	26.54	26.55	25.08	28.09	28.15	**28.43**	27.12	26.62	26.80
		1	105	26.55	26.08	26.39	24.04	23.80	23.86	25.15	25.23	26.07	25.62	25.06	25.39
		50	25	28.64	27.92	28.27	26.80	26.70	25.59	27.87	27.19	28.15	27.40	27.14	27.12
		100	0	28.19	27.77	28.05	25.80	25.77	24.67	26.89	26.46	27.11	26.86	26.89	26.21
	64QAM	1	0	26.80	26.96	26.60	24.84	24.68	24.38	25.84	25.66	25.53	26.26	26.02	25.92
		1	1	27.80	**27.98**	27.86	25.41	**25.73**	24.50	26.96	**27.02**	26.03	26.32	**26.65**	25.83
		1	104	27.57	26.91	27.56	25.14	25.00	23.85	25.93	26.98	26.84	26.57	26.07	25.78
		1	105	26.28	25.94	26.39	23.79	23.98	23.85	25.17	25.84	26.03	25.71	25.25	25.62
		50	25	27.89	27.20	27.45	25.24	25.14	24.13	26.43	25.67	26.51	26.50	26.55	25.77
		100	0	27.77	27.30	27.49	25.27	25.17	24.11	26.33	26.10	26.54	26.48	26.44	25.77
	256QAM	1	0	25.72	25.30	**25.82**	23.19	**23.37**	22.69	24.53	24.34	24.46	24.73	**24.92**	24.75
		1	1	25.67	25.63	25.65	23.27	**23.37**	23.05	24.72	24.74	24.18	24.88	24.74	24.62
		1	104	24.99	24.70	25.12	22.44	22.41	22.67	24.15	24.45	24.82	24.57	24.40	24.40
		1	105	24.98	24.49	25.33	22.66	22.68	22.29	24.41	24.50	**24.96**	24.90	24.65	24.67
		50	25	25.77	25.04	25.34	23.22	23.06	23.11	24.40	24.29	24.40	24.71	24.54	24.62
		100	0	25.66	25.10	25.37	23.15	23.12	23.12	24.40	24.47	24.51	24.80	24.52	24.60

OUTPUT POWER FOR 5G NR n77 (50.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 7			ANT 8			ANT 9			ANT 4		
				648333	656000	663666	648333	656000	663666	648333	656000	663666	648333	656000	663666
				3725.0	3840.0	3955.0	3725.0	3840.0	3955.0	3725.0	3840.0	3955.0	3725.0	3840.0	3955.0
50.0	BPSK	1	0	26.45	26.73	26.68	24.34	24.58	24.53	26.03	25.78	25.13	25.62	25.89	25.79
		1	1	28.35	28.44	**28.59**	**28.20**	**28.20**	**28.20**	**28.70**	28.55	28.11	27.20	**27.51**	27.24
		1	131	27.79	27.52	27.67	26.96	27.42	27.72	28.12	28.35	**28.70**	26.69	27.07	26.99
		1	132	25.82	25.78	25.78	23.29	23.62	24.06	25.15	25.50	25.93	25.23	25.25	25.55
		64	32	28.58	27.74	27.72	27.51	27.60	27.77	28.29	28.16	28.18	26.96	27.20	27.16
		128	0	28.42	27.96	27.90	27.19	27.15	27.26	28.30	28.18	28.27	27.01	27.18	27.25
	QPSK	1	0	26.70	26.74	26.62	24.56	24.81	24.61	26.04	25.95	25.12	25.57	25.78	25.92
		1	1	28.50	**28.70**	28.58	26.84	**28.15**	27.63	**28.70**	**28.70**	28.11	27.06	**27.60**	27.57
		1	131	27.84	27.65	27.79	26.11	27.06	26.69	28.01	28.52	28.60	26.71	27.02	27.34
		1	132	26.02	25.92	25.96	23.17	23.61	23.86	25.14	25.47	25.79	25.37	25.30	25.49
		64	32	**28.70**	27.85	27.72	26.77	27.63	27.33	28.31	28.19	28.21	26.95	27.18	27.18
		128	0	28.49	27.96	27.95	26.03	26.68	26.32	28.00	27.92	28.02	26.98	27.17	27.21
	16QAM	1	0	26.64	26.26	26.76	24.04	24.76	24.71	25.73	26.12	25.30	25.95	25.76	26.01
		1	1	28.44	28.60	**28.70**	26.20	**27.30**	26.74	28.35	**28.59**	27.18	**27.60**	27.49	**27.60**
		1	131	27.65	27.20	27.79	25.46	26.38	25.77	27.61	28.02	28.49	27.17	26.75	26.92
		1	132	26.02	25.86	25.84	23.39	23.78	23.96	25.30	25.23	25.92	24.91	25.04	25.47
		64	32	28.61	27.87	27.63	26.00	26.35	26.49	27.99	27.33	27.98	27.06	27.18	27.11
		128	0	28.16	27.65	27.60	25.09	25.40	25.58	27.04	26.96	26.94	26.69	27.06	26.22
	64QAM	1	0	26.88	26.54	26.59	24.11	24.45	25.10	26.08	25.80	25.39	25.62	26.02	26.00
		1	1	27.67	27.62	27.61	24.86	25.65	**25.75**	26.63	**27.14**	25.97	26.00	**27.13**	26.34
		1	131	27.13	26.72	26.69	24.26	24.57	24.78	26.45	26.86	26.65	26.37	26.28	25.72
		1	132	25.89	25.82	25.42	22.67	23.41	24.03	25.15	25.76	25.58	25.19	25.34	25.56
		64	32	**27.76**	26.96	26.82	24.77	24.94	25.20	26.44	26.01	26.30	26.31	26.55	25.82
		128	0	27.64	27.08	27.00	24.70	24.99	25.18	26.59	26.58	26.41	26.26	26.51	25.81
	256QAM	1	0	25.54	25.57	25.10	22.73	23.15	**23.79**	24.76	25.12	24.16	24.57	24.32	24.96
		1	1	25.37	25.49	25.31	23.13	23.24	23.40	25.02	**25.14**	24.15	24.81	**25.18**	24.97
		1	131	24.78	24.53	24.87	21.66	22.38	22.54	24.02	24.40	24.74	24.28	24.47	24.35
		1	132	24.72	24.87	24.59	21.82	22.20	22.80	24.07	24.66	24.71	24.33	24.65	24.59
		64	32	**25.66**	24.91	24.87	22.92	22.93	22.92	24.44	24.28	24.23	24.38	24.59	24.59
		128	0	25.55	25.12	25.10	22.92	22.98	22.98	24.49	24.49	24.35	24.34	24.54	24.59

UL VERIFICATION SERVICES INC. FORM NO: CCSUP4031B
47173 BENICIA STREET, FREMONT, CA 94538, USA TEL: (510) 319-4000 FAX: (510) 661-0888
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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	26.73	26.75	26.94	24.52	24.36	24.69	25.89	25.56	25.46	25.79	25.63	25.99
		1	1	28.61	**28.70**	28.67	**28.20**	27.88	**28.20**	**28.70**	28.44	28.34	**27.57**	27.27	27.52
		1	160	27.64	27.30	27.52	27.06	26.82	27.53	27.96	**28.70**	**28.70**	27.12	26.75	27.05
		1	161	25.95	25.50	25.69	23.45	23.19	23.87	25.22	25.72	25.70	25.31	24.84	25.46
		81	40	28.49	27.78	27.69	27.54	27.13	27.79	28.10	28.12	28.20	27.16	26.84	27.12
		162	0	28.48	27.98	27.86	27.05	26.76	27.47	28.26	28.19	28.24	27.27	26.91	27.15
	QPSK	1	0	26.85	26.64	27.02	24.65	24.49	24.92	25.75	25.86	25.30	25.83	25.62	26.05
		1	1	**28.70**	28.46	**28.70**	27.82	**28.20**	28.15	**28.67**	28.53	28.22	**27.60**	27.27	**27.60**
		1	160	27.77	27.54	27.50	26.93	26.94	27.48	27.98	28.48	28.38	27.18	26.60	27.07
		1	161	25.95	25.70	25.62	23.59	23.42	24.22	25.07	25.69	25.69	25.53	24.98	25.55
		81	40	28.40	27.77	27.66	27.43	27.35	27.90	28.11	28.01	28.15	27.21	26.82	27.05
		162	0	28.42	27.91	27.89	26.60	26.48	26.96	27.91	27.88	27.93	27.23	26.93	27.10
	16QAM	1	0	26.62	26.36	26.77	25.14	24.91	25.06	25.66	25.62	25.64	26.07	25.52	26.31
		1	1	27.94	28.35	**28.69**	**27.69**	27.10	27.10	28.41	28.06	27.71	27.31	**27.60**	27.38
		1	160	27.56	26.95	27.71	26.43	25.87	26.46	27.80	**28.46**	27.99	27.57	26.71	27.05
		1	161	26.20	25.72	25.67	24.14	22.99	23.90	24.98	25.96	26.32	25.42	24.81	25.55
		81	40	28.35	27.73	27.63	26.90	26.43	26.90	27.80	27.54	27.90	27.22	26.94	26.95
		162	0	28.06	27.53	27.56	25.86	25.40	25.90	26.92	26.93	26.98	26.78	26.71	26.17
	64QAM	1	0	26.83	26.44	26.69	24.98	24.58	25.19	25.67	25.38	25.28	26.02	25.97	26.29
		1	1	**28.08**	27.14	27.99	**26.35**	25.16	26.18	**27.06**	26.53	26.36	26.39	26.57	26.17
		1	160	26.55	26.63	26.78	24.92	24.81	24.92	25.69	26.79	26.71	**26.65**	25.81	25.63
		1	161	25.78	25.78	25.80	23.57	23.05	24.40	24.85	25.86	25.74	25.31	25.11	25.38
		81	40	27.63	27.03	26.91	25.34	24.53	25.49	26.22	25.93	26.29	26.40	26.20	25.63
		162	0	27.57	27.15	27.14	25.37	24.60	25.54	26.42	26.50	26.48	26.40	26.21	25.76
	256QAM	1	0	**26.12**	25.68	25.75	**24.03**	22.67	23.83	24.77	24.55	24.78	**25.00**	24.44	24.73
		1	1	25.64	25.67	26.10	23.37	22.77	23.79	24.66	24.68	24.24	24.84	24.73	24.78
		1	160	24.46	24.37	24.38	22.49	21.85	22.50	23.97	24.80	**24.84**	24.51	24.48	24.54
		1	161	24.72	24.42	24.61	22.92	21.82	22.84	24.08	24.60	24.36	24.31	24.10	24.39
		81	40	25.60	25.13	24.91	23.48	22.45	23.48	24.26	24.17	24.42	24.64	24.22	24.37
		162	0	25.63	25.20	25.19	23.46	22.51	23.25	24.35	24.44	24.52	24.69	24.23	24.52

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	26.85	26.76	26.89	24.63	24.58	24.46	25.68	25.65	25.84	25.48	25.97	25.88
		1	1	28.69	28.60	28.66	**28.20**	27.99	**28.20**	**28.70**	**28.70**	28.60	27.07	**27.60**	27.41
		1	187	27.66	27.34	27.86	27.06	27.10	27.29	28.21	28.69	28.47	26.71	26.92	26.97
		1	188	25.97	25.55	26.12	23.57	23.57	23.63	25.46	25.69	25.70	25.02	25.28	25.15
		90	45	**28.70**	28.15	28.32	27.71	27.49	27.60	28.16	28.00	28.22	26.92	27.23	26.99
		180	0	28.57	28.21	28.36	27.22	27.05	27.18	28.21	28.22	28.32	26.97	27.22	27.11
	QPSK	1	0	26.93	26.80	26.93	24.97	24.62	24.44	25.83	25.47	25.77	25.68	26.04	25.86
		1	1	28.68	28.67	**28.70**	27.94	**28.20**	28.05	28.59	28.55	**28.70**	27.10	27.57	**27.60**
		1	187	27.68	27.21	27.82	27.00	27.09	27.32	28.14	28.63	28.57	26.70	27.06	26.90
		1	188	25.49	25.54	26.05	23.43	23.40	23.79	25.42	25.71	25.79	25.21	25.39	25.32
		90	45	28.64	28.12	28.31	27.49	27.48	27.52	28.07	28.03	28.12	26.85	27.20	27.04
		180	0	28.61	28.14	28.41	26.63	26.52	26.60	27.94	27.89	27.96	27.00	27.23	27.13
	16QAM	1	0	26.52	26.97	26.68	25.00	24.11	24.65	25.93	25.68	26.01	25.87	26.39	25.48
		1	1	**28.70**	**28.70**	28.59	27.24	**27.57**	27.18	27.75	28.34	**28.40**	**27.60**	27.50	27.49
		1	187	26.84	27.10	27.90	26.28	26.61	26.12	27.80	27.99	28.35	26.54	27.04	27.06
		1	188	25.70	25.63	25.82	23.79	23.37	23.68	25.62	25.86	25.66	24.96	25.28	25.53
		90	45	28.55	28.19	28.29	26.86	27.00	26.61	27.81	27.49	27.80	26.91	27.20	26.98
		180	0	28.18	27.98	28.09	25.85	26.10	25.55	26.93	26.88	26.97	26.55	27.15	26.22
	64QAM	1	0	26.87	26.53	26.79	24.94	25.00	24.59	25.97	25.62	25.93	25.96	26.01	25.84
		1	1	27.72	**27.94**	27.66	**26.37**	25.98	25.12	26.70	26.68	26.78	26.04	**27.05**	26.48
		1	187	27.30	26.52	26.80	24.82	25.28	24.74	26.50	**26.89**	26.68	26.18	26.38	25.97
		1	188	25.57	25.42	25.70	23.69	23.62	23.60	25.75	25.42	26.13	25.06	25.60	25.50
		90	45	27.90	27.41	27.56	25.32	25.17	24.98	26.31	26.01	26.34	26.01	26.65	25.61
		180	0	27.80	27.46	27.63	25.27	25.18	25.13	26.46	26.44	26.40	26.07	26.72	25.81
	256QAM	1	0	25.83	25.67	25.72	23.33	23.09	22.88	25.10	24.82	24.37	24.73	24.96	25.10
		1	1	25.54	25.42	25.37	23.55	**23.73**	23.31	24.96	24.52	24.70	24.67	**25.19**	25.00
		1	187	24.39	24.34	24.78	21.94	22.05	22.26	24.38	24.87	**25.29**	24.40	24.23	24.62
		1	188	24.70	24.61	25.01	22.57	22.12	21.97	24.38	24.37	24.70	23.91	24.36	24.48
		90	45	**25.86**	25.36	25.51	23.32	23.14	23.08	24.40	24.37	24.30	24.33	24.56	24.48
		180	0	25.78	25.46	25.64	22.96	23.24	23.02	24.49	24.37	24.44	24.30	24.70	24.53

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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	26.88	26.80	26.31	24.79	24.65	24.86	25.78	25.72	25.73	25.39	25.85	25.97
		1	1	**28.70**	**28.70**	27.75	**28.20**	**28.20**	28.14	28.40	28.60	**28.70**	27.31	**27.54**	27.51
		1	215	27.12	27.11	27.85	26.86	26.84	27.22	**28.70**	**28.70**	28.09	26.98	26.78	26.88
		1	216	25.23	25.34	25.99	23.36	23.18	23.89	25.70	25.72	25.33	25.38	25.37	24.98
		108	54	28.40	28.33	28.17	27.41	27.25	27.72	28.00	28.05	27.75	27.00	27.04	27.06
		216	0	28.26	28.19	28.06	26.92	26.87	27.25	28.14	28.25	27.93	26.99	27.09	27.08
	QPSK	1	0	26.90	26.95	25.94	24.80	24.67	24.89	25.81	25.83	25.80	25.42	25.91	25.63
		1	1	**28.65**	28.28	28.34	27.73	27.95	**28.20**	28.55	28.47	**28.67**	27.37	**27.48**	**27.48**
		1	215	26.77	27.11	28.16	26.44	26.83	27.07	28.62	28.42	28.38	26.74	26.82	27.02
		1	216	25.04	25.39	26.21	23.34	23.21	23.65	25.94	25.80	25.34	25.14	25.19	25.23
		108	54	28.28	28.29	28.60	27.11	27.25	27.62	28.02	28.02	27.71	26.93	27.06	27.01
		216	0	28.23	28.25	28.56	26.44	26.35	26.70	27.90	27.92	27.62	26.98	27.12	27.04
	16QAM	1	0	27.03	26.56	26.19	24.49	24.91	25.03	25.82	25.62	25.96	25.94	26.14	26.36
		1	1	28.18	28.61	28.45	27.33	27.14	**27.92**	28.60	28.02	27.99	**27.60**	**27.60**	**27.60**
		1	215	26.65	26.82	27.79	25.96	25.52	26.17	**28.64**	28.03	27.75	27.35	26.87	26.57
		1	216	25.14	24.95	26.26	23.26	23.24	23.66	26.20	25.69	25.62	25.49	25.55	25.37
		108	54	28.46	28.37	**28.70**	26.44	26.32	26.69	27.75	27.27	27.47	27.02	27.06	26.97
		216	0	27.96	28.04	28.35	25.52	25.37	25.72	26.92	27.01	26.63	26.55	27.01	26.29
	64QAM	1	0	27.05	26.43	26.52	24.74	24.61	24.91	25.79	25.92	25.78	25.84	26.16	26.13
		1	1	27.89	**27.97**	27.64	**25.59**	25.30	25.59	26.53	**26.78**	26.35	26.32	**27.07**	26.04
		1	215	26.47	26.23	27.24	24.22	24.19	24.40	26.67	26.74	26.58	26.05	26.47	26.06
		1	216	25.53	25.46	26.13	23.41	23.28	23.80	25.74	25.88	25.11	25.18	25.54	25.13
		108	54	27.64	27.55	27.85	25.03	24.81	25.21	26.13	25.85	25.92	26.13	26.65	25.86
		216	0	27.53	27.50	27.82	25.05	24.83	25.17	26.29	26.47	26.18	26.13	26.67	25.92
	256QAM	1	0	25.73	25.79	25.64	23.06	23.09	23.31	24.62	**25.04**	24.77	25.02	25.18	24.58
		1	1	**26.04**	25.71	25.37	23.32	23.21	**23.36**	24.89	24.93	24.80	24.98	**25.25**	25.05
		1	215	23.78	24.20	25.15	22.17	22.34	22.51	24.70	24.91	24.45	23.98	24.76	24.11
		1	216	23.80	24.02	25.02	22.13	21.97	22.11	24.70	24.88	24.59	24.09	24.22	24.57
		108	54	25.65	25.37	25.75	23.00	22.70	23.11	24.15	24.20	23.95	24.39	24.57	24.40
		216	0	25.48	25.38	25.72	23.00	22.77	23.10	24.23	24.33	24.12	24.39	24.59	24.40

OUTPUT POWER FOR 5G NR n77 (90.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 7			ANT 8			ANT 9			ANT 4		
				649666	656000	662333	649666	656000	662333	649666	656000	662333	649666	656000	662333
				3745.0	3840.0	3935.0	3745.0	3840.0	3935.0	3745.0	3840.0	3935.0	3745.0	3840.0	3935.0
90.0	BPSK	1	0	26.87	26.28	26.04	24.84	24.36	24.47	25.56	25.55	25.94	25.60	25.89	25.56
		1	1	**28.70**	28.14	28.05	**28.20**	28.15	**28.20**	28.20	28.62	**28.70**	27.46	**27.59**	27.40
		1	243	26.90	26.78	28.14	27.01	26.81	27.04	**28.70**	28.34	27.96	27.00	26.77	26.82
		1	244	25.28	25.10	26.47	23.23	23.27	23.46	25.69	25.64	25.28	25.23	24.96	25.06
		120	60	28.36	28.64	**28.70**	27.62	27.36	27.36	27.86	27.73	27.47	27.11	26.97	26.92
		243	0	28.14	28.44	28.52	27.13	26.92	26.84	28.16	28.01	27.72	27.16	26.90	26.93
	QPSK	1	0	26.78	27.14	26.11	24.86	24.66	24.69	25.72	25.51	25.79	25.87	25.97	25.66
		1	1	28.52	28.65	28.12	28.03	**28.20**	28.08	28.54	**28.70**	28.57	27.44	**27.60**	27.27
		1	243	26.97	27.21	28.26	26.80	26.82	27.03	28.60	28.41	28.02	27.11	26.79	26.81
		1	244	25.32	25.11	26.67	23.36	23.32	23.48	25.95	25.42	25.00	25.33	25.34	25.09
		120	60	28.33	28.59	**28.69**	27.28	27.37	27.31	27.83	27.59	27.42	27.11	26.88	26.97
		243	0	28.16	28.63	28.60	26.62	26.43	26.42	27.81	27.62	27.42	27.15	26.95	26.83
	16QAM	1	0	26.55	26.64	26.33	24.90	24.72	24.45	25.73	25.38	26.27	26.04	25.84	26.12
		1	1	28.51	28.56	28.22	27.32	**27.40**	27.19	27.96	27.70	**28.41**	**27.60**	27.57	**27.60**
		1	243	26.99	26.97	28.51	26.07	25.77	25.81	28.11	28.08	27.72	26.83	26.36	27.01
		1	244	25.33	25.31	26.66	23.41	23.72	23.38	25.44	25.71	25.32	25.31	25.09	25.37
		120	60	28.35	**28.70**	**28.70**	26.65	26.37	26.33	27.62	27.46	26.76	27.15	26.98	26.87
		243	0	27.93	28.27	28.25	25.66	25.38	25.40	26.80	26.81	26.51	26.64	26.81	26.10
	64QAM	1	0	26.49	26.84	26.25	25.02	24.74	24.67	25.71	25.54	25.62	26.09	26.31	25.95
		1	1	**27.84**	27.75	27.17	25.53	25.56	**25.70**	26.53	26.15	26.71	26.11	**26.83**	25.98
		1	243	26.55	26.33	27.28	24.29	24.17	24.64	**27.04**	26.32	25.80	25.95	25.95	25.99
		1	244	25.00	25.38	26.63	23.85	23.37	23.28	26.03	25.32	25.09	25.45	25.12	25.21
		120	60	27.59	27.76	27.84	25.05	24.86	24.91	26.11	26.06	25.45	26.27	26.36	25.74
		243	0	27.43	27.74	27.60	25.10	24.84	24.85	26.25	26.35	25.95	26.23	26.38	25.81
	256QAM	1	0	25.43	25.95	24.92	22.92	**23.66**	23.12	24.34	24.46	24.74	25.17	24.89	24.60
		1	1	25.65	**25.97**	24.75	23.17	23.44	22.83	24.49	**24.90**	24.77	25.23	25.23	**25.38**
		1	243	24.06	23.93	25.64	22.27	22.05	22.13	24.74	24.76	23.79	24.48	24.55	24.41
		1	244	23.78	24.07	24.87	21.57	21.80	22.23	24.61	24.31	23.99	24.66	24.25	24.79
		120	60	24.84	25.44	25.81	23.09	22.78	22.90	24.19	24.14	23.58	24.57	24.25	24.37
		243	0	24.78	25.41	25.70	23.12	22.82	22.95	24.42	24.28	23.97	24.57	24.29	24.47

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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	26.62	26.57	26.57	24.66	24.42	24.69	25.29	25.77	25.23	24.39	24.56	24.58
		1	1	28.58	28.46	28.39	**28.20**	**28.20**	**28.20**	28.40	**28.70**	28.20	**27.60**	**27.60**	**27.60**
		1	271	27.68	27.22	28.62	26.90	27.19	26.89	28.65	28.04	27.36	25.88	26.65	26.47
		1	272	25.88	25.50	26.61	23.25	23.47	23.41	25.76	25.17	24.31	22.83	23.15	23.30
		135	67	28.32	**28.69**	28.65	27.38	27.42	27.15	28.02	27.37	26.89	26.65	26.72	26.78
		270	0	28.28	28.59	28.50	26.97	27.04	26.77	28.27	27.86	27.18	26.49	26.57	26.32
	QPSK	1	0	26.73	26.81	26.65	24.40	24.76	24.36	25.67	25.97	25.20	24.29	24.48	24.43
		1	1	28.67	28.46	28.44	27.66	**28.07**	27.68	28.53	28.45	28.04	26.97	**27.41**	26.66
		1	271	27.57	27.30	28.49	26.48	26.98	26.96	**28.70**	28.31	27.63	25.86	26.25	25.14
		1	272	25.78	25.29	26.39	23.25	23.29	23.33	25.73	25.54	24.34	22.61	22.98	23.41
		135	67	28.36	**28.70**	**28.70**	27.08	27.44	27.15	27.80	27.38	26.81	26.33	26.60	25.87
		270	0	28.25	28.45	28.47	26.37	26.51	26.26	27.79	27.49	26.84	25.51	25.73	25.00
	16QAM	1	0	27.07	26.77	26.57	24.70	24.53	24.66	25.40	25.95	25.12	24.18	24.30	23.91
		1	1	**28.70**	28.68	28.34	**27.08**	27.05	27.06	28.23	28.15	**28.70**	26.24	**26.76**	25.77
		1	271	27.56	27.31	28.61	25.82	25.69	25.88	28.14	27.89	27.03	24.72	25.52	24.76
		1	272	25.27	25.40	26.67	23.32	23.35	23.28	25.96	25.01	24.75	23.02	23.06	23.16
		135	67	28.31	28.53	28.58	26.29	26.43	26.20	27.56	27.03	26.33	25.34	25.59	24.96
		270	0	27.95	28.17	28.07	25.41	25.52	25.27	26.86	26.51	25.90	24.60	24.82	24.10
	64QAM	1	0	26.45	26.79	26.59	24.61	24.74	24.28	25.46	25.63	25.28	24.71	24.47	23.95
		1	1	27.34	27.63	27.40	25.41	**25.61**	25.18	26.34	26.47	26.28	24.55	**25.01**	24.46
		1	271	26.91	26.49	27.34	24.42	24.44	24.42	**26.48**	26.18	25.06	23.84	24.30	23.09
		1	272	25.52	25.17	26.45	23.18	23.85	23.83	26.08	25.02	24.35	22.14	23.19	22.91
		135	67	27.48	27.88	**27.89**	24.85	25.01	24.65	26.03	25.49	24.90	24.01	24.35	23.59
		270	0	27.42	27.66	27.65	24.85	25.15	24.77	26.20	25.93	25.40	24.18	24.45	23.67
	256QAM	1	0	25.58	25.28	25.54	22.97	23.29	22.99	23.92	24.38	24.25	23.44	23.42	23.40
		1	1	25.38	25.68	25.25	23.41	**23.73**	23.13	24.66	24.95	24.55	**23.58**	23.47	22.86
		1	271	24.25	23.87	25.22	21.92	22.57	21.72	**25.18**	24.09	23.60	21.66	22.07	22.28
		1	272	24.64	24.33	25.39	21.82	22.57	22.24	24.36	24.58	23.25	21.86	21.92	21.75
		135	67	25.47	25.83	**25.89**	23.08	22.99	22.75	24.06	23.49	22.99	22.41	22.65	22.29
		270	0	25.45	25.68	25.67	23.09	23.04	22.71	24.35	24.00	23.43	22.40	22.71	22.40

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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	4.497	5.063
	5MHz, 16QAM			4.507	5.096
	10MHz, QPSK	50/0		8.989	10.00
	10MHz, 16QAM			8.986	10.04
	15MHz, QPSK	75/0		13.496	14.92
	15MHz, 16QAM			13.499	14.74
	20MHz, QPSK	100/0		17.952	19.71
	20MHz, 16QAM			17.952	19.65
	20MHz, QPSK	1/0		0.274	0.509

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	4.487	5.131
	5MHz, QPSK			4.475	5.096
	5MHz, 16QAM			4.487	5.047
	10MHz, BPSK	50/0		8.955	9.713
	10MHz, QPSK			8.970	9.782
	10MHz, 16QAM			8.962	9.764
	15MHz, BPSK	75/0		13.458	14.33
	15MHz, QPSK			13.438	14.41
	15MHz, 16QAM			13.440	14.48
	20MHz, BPSK	100/0		17.895	18.99
	20MHz, QPSK			17.882	18.95
	20MHz, 16QAM			17.923	18.95
	25MHz, BPSK	128/0		22.922	24.16
	25MHz, QPSK			22.908	24.26
	25MHz, 16QAM			22.849	24.27
	30MHz, BPSK	160/0		28.622	30.12
	30MHz, QPSK			28.614	30.01
	30MHz, 16QAM			28.637	30.06
	35MHz, BPSK	180/0		32.152	33.65
	35MHz, QPSK			32.292	33.79
	35MHz, 16QAM			32.169	33.76
	40MHz, BPSK	216/0		38.466	40.34
	40MHz, QPSK			38.712	40.34
	40MHz, 16QAM			38.617	40.42
	40MHz, BPSK	1/0		0.302	0.479

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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	1.091	1.347
	1.4MHz,16QAM			1.093	1.363
	3MHz, QPSK	15/0		2.699	3.074
	3MHz, 16QAM			2.710	3.064
	5MHz, QPSK	25/0		4.503	5.095
	5MHz, 16QAM			4.499	5.071
	10MHz, QPSK	50/0		8.968	10.02
	10MHz, 16QAM			8.975	9.960
	10MHz, QPSK	1/0		0.246	0.399

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	4.477	5.007
	5MHz, QPSK			4.482	5.159
	5MHz, 16QAM			4.487	5.123
	10MHz, BPSK	50/0		8.934	9.672
	10MHz, QPSK			8.949	9.881
	10MHz, 16QAM			8.945	9.696
	15MHz, BPSK	75/0		13.387	14.29
	15MHz, QPSK			13.405	14.36
	15MHz, 16QAM			13.393	14.41
	15MHz, BPSK	1/0		0.247	0.414

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	5.094
	5MHz, 16QAM			4.499	5.050
	10MHz, QPSK	50/0		8.968	10.00
	10MHz, 16QAM			8.964	9.871
	10MHz, QPSK	1/0		0.244	0.413

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	4.507	5.160
	5MHz, 16QAM			4.500	5.082
	10MHz, QPSK	50/0		8.972	9.892
	10MHz, 16QAM			8.965	9.858
	10MHz, QPSK	1/0		0.243	0.386

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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	4.472	5.075
	5MHz, QPSK			4.478	5.095
	5MHz, 16QAM			4.483	5.093
	10MHz, BPSK	50/0		8.933	9.675
	10MHz, QPSK			8.950	9.714
	10MHz, 16QAM			8.955	9.695
	10MHz, BPSK	1/0		0.237	0.394

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	4.504	5.097
	5MHz, 16QAM			4.501	5.074
	10MHz, QPSK	50/0		8.984	9.803
	10MHz, 16QAM			8.962	9.882
	10MHz, QPSK	1/0		0.245	0.412

LTE BAND 25

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
LTE BAND 25	1.4MHz, QPSK	6/0	1882.5	1.096	1.351
	1.4MHz,16QAM			1.095	1.349
	3MHz, QPSK	15/0		2.706	3.058
	3MHz, 16QAM			2.700	3.046
	5MHz, QPSK	25/0		4.508	5.096
	5MHz, 16QAM			4.506	5.106
	10MHz, QPSK	50/0		8.976	9.941
	10MHz, 16QAM			9.003	10.05
	15MHz, QPSK	75/0		13.455	14.93
	15MHz, 16QAM			13.466	14.84
	20MHz, QPSK	100/0		17.922	19.48
	20MHz, 16QAM			17.953	19.70
	20MHz, QPSK	1/0		0.272	0.477

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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	4.486	5.003
	5MHz, QPSK			4.480	4.997
	5MHz, 16QAM			4.481	5.088
	10MHz, BPSK	50/0		8.975	9.727
	10MHz, QPSK			8.972	9.791
	10MHz, 16QAM			8.958	9.858
	15MHz, BPSK	75/0		13.452	14.40
	15MHz, QPSK			13.384	14.35
	15MHz, 16QAM			13.417	14.44
	20MHz, BPSK	100/0		18.006	19.16
	20MHz, QPSK			17.906	19.08
	20MHz, 16QAM			17.890	19.04
	25MHz, BPSK	128/0		22.872	24.16
	25MHz, QPSK			22.920	24.16
	25MHz, 16QAM			22.907	24.23
	30MHz, BPSK	160/0		28.582	30.09
	30MHz, QPSK			28.550	30.06
	30MHz, 16QAM			28.637	30.00
	35MHz, BPSK	180/0		32.219	33.82
	35MHz, QPSK			32.225	33.79
	35MHz, 16QAM			32.143	33.77
	40MHz, BPSK	216/0		38.623	40.46
	40MHz, QPSK			38.557	40.48
	40MHz, 16QAM			38.684	40.40
	40MHz, BPSK	1/0		0.274	0.478

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	1.316
	1.4MHz,16QAM			1.094	1.363
	3MHz, QPSK	15/0		2.696	3.060
	3MHz, 16QAM			2.707	3.080
	5MHz, QPSK	25/0		4.509	5.105
	5MHz, 16QAM			4.497	5.174
	10MHz, QPSK	50/0		8.978	9.909
	10MHz, 16QAM			8.956	10.10
	10MHz, QPSK	1/0		0.245	0.409

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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	4.492	5.038
	5MHz, QPSK			4.483	5.005
	5MHz, 16QAM			4.495	5.034
	10MHz, BPSK	50/0		8.951	9.692
	10MHz, QPSK			8.962	9.800
	10MHz, 16QAM			8.957	9.087
	10MHz, BPSK	1/0		0.249	0.407

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	1.089	1.291
	1.4MHz,16QAM			1.091	1.332
	3MHz, QPSK	15/0		2.709	3.076
	3MHz, 16QAM			2.703	3.079
	5MHz, QPSK	25/0		4.497	5.155
	5MHz, 16QAM			4.502	5.128
	10MHz, QPSK	50/0		8.994	9.879
	10MHz, 16QAM			8.989	9.834
	10MHz, QPSK	1/0		0.265	0.457

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	4.495	5.080
	5MHz, QPSK			4.490	5.099
	5MHz, 16QAM			4.491	5.064
	10MHz, BPSK	50/0		8.942	9.672
	10MHz, QPSK			8.938	9.790
	10MHz, 16QAM			8.975	9.668
	15MHz, BPSK	75/0		13.435	14.33
	15MHz, QPSK			13.360	14.44
	15MHz, 16QAM			13.434	14.36
	20MHz, BPSK	100/0		17.828	18.94
	20MHz, QPSK			17.879	18.98
	20MHz, 16QAM			17.878	19.10
	20MHz, BPSK	1/0		0.271	0.458

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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	4.503	5.160
	5MHz, 16QAM			4.504	5.106
	10MHz, QPSK	50/0		8.993	10.04
	10MHz, 16QAM			8.996	9.969
	10MHz, QPSK	1/0		0.240	0.397

5G NR n30

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
5G NR n30	5MHz, BPSK	25/0	2310.0	4.505	5.128
	5MHz, QPSK			4.490	4.978
	5MHz, 16QAM			4.478	4.974
	10MHz, BPSK	50/0		8.945	9.744
	10MHz, QPSK			8.969	9.839
	10MHz, 16QAM			8.941	9.693
	10MHz, BPSK	1/0		0.218	0.334

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	4.499	5.009
	5MHz, 16QAM			4.494	5.098
	10MHz, QPSK	50/0		8.987	9.791
	10MHz, 16QAM			8.960	9.941
	15MHz, QPSK	75/0		13.466	14.66
	15MHz, 16QAM			13.433	14.68
	20MHz, QPSK	100/0		17.905	19.43
	20MHz, 16QAM			17.979	19.53
	20MHz, QPSK	1/0		0.273	0.470

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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	8.652	9.773
	10MHz, QPSK			8.670	9.801
	10MHz, 16QAM			8.627	9.771
	15MHz, BPSK	36/0		12.931	14.26
	15MHz, QPSK			12.886	14.26
	15MHz, 16QAM			13.004	14.42
	20MHz, BPSK	50/0		17.928	19.46
	20MHz, QPSK			17.926	19.6
	20MHz, 16QAM			17.991	19.43
	30MHz, BPSK	75/0		27.008	29.09
	30MHz, QPSK			26.951	30.32
	30MHz, 16QAM			26.883	28.81
	40MHz, BPSK	100/0		35.860	41.15
	40MHz, QPSK			35.848	38.15
	40MHz, 16QAM			35.979	38.15
	50MHz, BPSK	128/0		45.817	48.19
	50MHz, QPSK			45.878	48.34
	50MHz, 16QAM			45.913	48.17
	60MHz, BPSK	162/0		58.009	60.63
	60MHz, QPSK			58.275	61.02
	60MHz, 16QAM			57.940	61.11
	70MHz, BPSK	180/0		64.711	68.88
	70MHz, QPSK			64.462	67.81
	70MHz, 16QAM			64.526	67.74
	80MHz, BPSK	216/0		77.408	80.79
	80MHz, QPSK			77.520	80.92
	80MHz, 16QAM			77.270	80.96
	90MHz, BPSK	243/0		86.901	90.52
	90MHz, QPSK			86.827	90.77
	90MHz, 16QAM			86.915	90.55
	100MHz, BPSK	270/0		96.490	100.6
	100MHz, QPSK			96.553	100.6
	100MHz, 16QAM			95.535	100.7
	100MHz, BPSK	1/0		0.598	1.093

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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	1.091	1.356
	1.4MHz,16QAM			1.093	1.396
	3MHz, QPSK	15/0		2.704	3.023
	3MHz, 16QAM			2.704	3.031
	5MHz, QPSK	25/0		4.504	5.118
	5MHz, 16QAM			4.503	5.118
	10MHz, QPSK	50/0		8.971	9.934
	10MHz, 16QAM			8.983	9.990
	15MHz, QPSK	75/0		13.483	14.86
	15MHz, 16QAM			13.482	14.78
	20MHz, QPSK	100/0		17.929	19.61
	20MHz, 16QAM			17.925	19.72
	20MHz, QPSK	1/0		0.268	0.448

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	4.510	5.085
	5MHz, QPSK			4.493	5.144
	5MHz, 16QAM			4.481	5.158
	10MHz, BPSK	50/0		8.927	9.634
	10MHz, QPSK			8.976	9.783
	10MHz, 16QAM			8.956	9.742
	15MHz, BPSK	75/0		13.478	14.36
	15MHz, QPSK			13.431	14.39
	15MHz, 16QAM			13.421	14.33
	20MHz, BPSK	100/0		17.863	19.05
	20MHz, QPSK			17.903	18.98
	20MHz, 16QAM			17.896	19.02
	25MHz, BPSK	128/0		22.914	24.14
	25MHz, QPSK			22.947	24.25
	25MHz, 16QAM			22.869	24.16
	30MHz, BPSK	160/0		28.639	30.08
	30MHz, QPSK			28.681	30.08
	30MHz, 16QAM			28.514	29.99
	35MHz, BPSK	180/0		32.235	33.68
	35MHz, QPSK			32.232	33.78
	35MHz, 16QAM			32.146	33.74
	40MHz, BPSK	216/0		38.587	40.41
	40MHz, QPSK			38.496	40.43
	40MHz, 16QAM			38.590	40.42
	40MHz, BPSK	1/0		0.294	0.472

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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	4.477	5.006
	5MHz, QPSK			4.488	5.119
	5MHz, 16QAM			4.474	4.991
	10MHz, BPSK	50/0		8.999	9.905
	10MHz, QPSK			8.974	9.811
	10MHz, 16QAM			8.981	9.713
	15MHz, BPSK	75/0		13.412	14.30
	15MHz, QPSK			13.505	14.39
	15MHz, 16QAM			13.420	14.28
	15MHz, BPSK	1/0		0.247	0.416

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	4.488	5.092
	5MHz, 16QAM			4.495	5.054
	10MHz, QPSK	50/0		8.960	9.987
	10MHz, 16QAM			8.978	9.955
	15MHz, QPSK	75/0		13.469	14.64
	15MHz, 16QAM			13.427	14.79
	20MHz, QPSK	100/0		17.899	19.43
	20MHz, 16QAM			17.919	19.57
	20MHz, QPSK	1/0		0.264	0.427

5G NR n71

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
5.0385G NR n71	5MHz, BPSK	25/0	680.5	4.494	5.175
	5MHz, QPSK			4.486	5.040
	5MHz, 16QAM			4.466	5.038
	10MHz, BPSK	50/0		8.941	9.767
	10MHz, QPSK			8.925	9.712
	10MHz, 16QAM			8.929	9.638
	15MHz, BPSK	75/0		13.399	14.37
	15MHz, QPSK			13.439	14.34
	15MHz, 16QAM			13.440	14.31
	20MHz, BPSK	100/0		17.874	19.12
	20MHz, QPSK			17.844	18.99
	20MHz, 16QAM			17.905	19.00
	20MHz, BPSK	1/0		0.277	0.449

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5G NR n77A (FCC Part 27 3450-3550MHz)

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
5G NR n77 (FCC Part 27 3450-3550MHz)	10MHz, BPSK	24/0	3500.0	8.607	9.605
	10MHz, QPSK			8.637	9.870
	10MHz, 16QAM			8.619	9.876
	15MHz, BPSK	36/0		12.957	14.35
	15MHz, QPSK			12.916	14.21
	15MHz, 16QAM			12.909	14.21
	20MHz, BPSK	50/0		17.874	19.35
	20MHz, QPSK			17.972	19.49
	20MHz, 16QAM			17.891	19.45
	30MHz, BPSK	75/0		26.851	28.86
	30MHz, QPSK			26.731	28.53
	30MHz, 16QAM			26.912	28.95
	40MHz, BPSK	100/0		35.786	38.10
	40MHz, QPSK			35.935	38.01
	40MHz, 16QAM			35.770	38.21
	50MHz, BPSK	128/0		45.852	48.46
	50MHz, QPSK			45.634	48.34
	50MHz, 16QAM			45.676	48.37
	60MHz, BPSK	162/0		58.002	60.37
	60MHz, QPSK			57.801	60.72
	60MHz, 16QAM			57.848	60.56
	70MHz, BPSK	180/0		64.347	67.15
	70MHz, QPSK			64.301	67.53
	70MHz, 16QAM			64.397	67.83
	80MHz, BPSK	216/0		77.048	79.99
	80MHz, QPSK			77.255	80.65
	80MHz, 16QAM			77.177	80.83
	90MHz, BPSK	243/0		86.755	90.53
	90MHz, QPSK			86.803	90.49
	90MHz, 16QAM			86.716	90.43
	100MHz, BPSK	270/0		96.318	99.50
	100MHz, QPSK			96.466	100.3
	100MHz, 16QAM			96.317	100.7
	100MHz, BPSK	1/0		0.593	0.956

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5G NR n77C (FCC Part 27 3700-3980MHz)

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
5G NR n77 (FCC Part 27 3700-3980MHz)	10MHz, BPSK	24/0	3840.0	8.608	9.600
	10MHz, QPSK			8.572	9.288
	10MHz, 16QAM			8.648	9.697
	15MHz, BPSK	36/0		12.910	14.30
	15MHz, QPSK			12.899	13.40
	15MHz, 16QAM			12.864	13.66
	20MHz, BPSK	50/0		17.877	19.07
	20MHz, QPSK			17.821	19.11
	20MHz, 16QAM			17.897	19.04
	30MHz, BPSK	75/0		26.850	28.61
	30MHz, QPSK			26.793	28.14
	30MHz, 16QAM			26.683	28.23
	40MHz, BPSK	100/0		35.957	38.28
	40MHz, QPSK			35.674	37.29
	40MHz, 16QAM			35.722	37.33
	50MHz, BPSK	128/0		45.781	48.28
	50MHz, QPSK			45.686	47.66
	50MHz, 16QAM			45.555	48.17
	60MHz, BPSK	162/0		57.807	60.44
	60MHz, QPSK			57.877	60.49
	60MHz, 16QAM			57.829	60.17
	70MHz, BPSK	180/0		64.297	67.17
	70MHz, QPSK			64.364	66.92
	70MHz, 16QAM			64.169	67.28
	80MHz, BPSK	216/0		77.045	80.07
	80MHz, QPSK			77.031	80.25
	80MHz, 16QAM			77.263	80.36
	90MHz, BPSK	243/0		86.772	89.89
	90MHz, QPSK			86.739	90.37
	90MHz, 16QAM			86.781	90.40
	100MHz, BPSK	270/0		96.302	100.3
	100MHz, QPSK			96.591	100.2
	100MHz, 16QAM			96.338	100.3
	100MHz, BPSK	1/0		0.598	1.128

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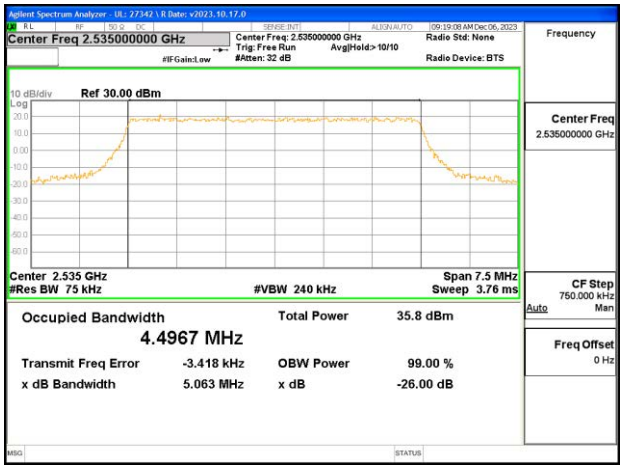
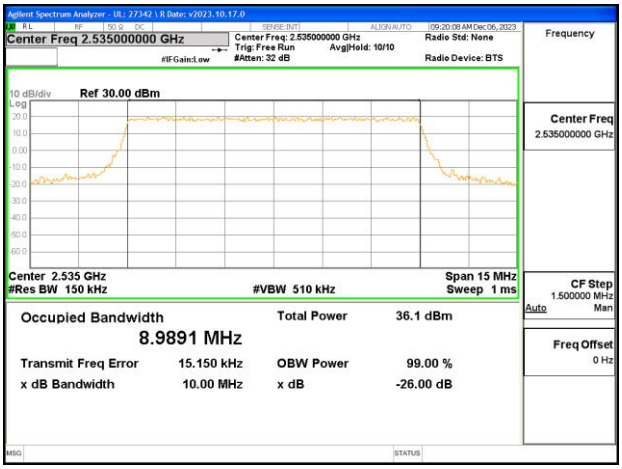
9.1.1. LTE BAND 7 AND 5G NR n7

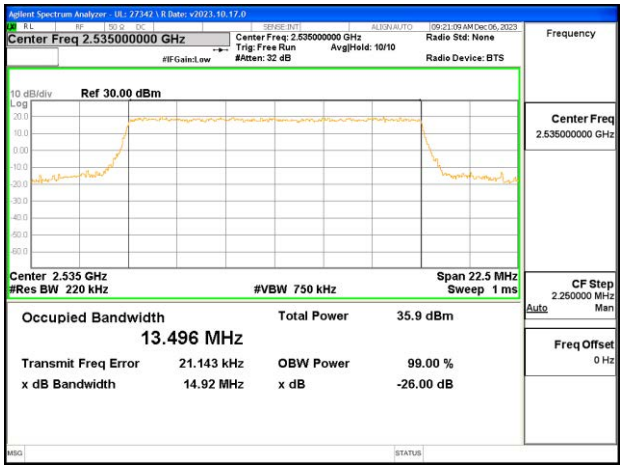
LTE BAND 7



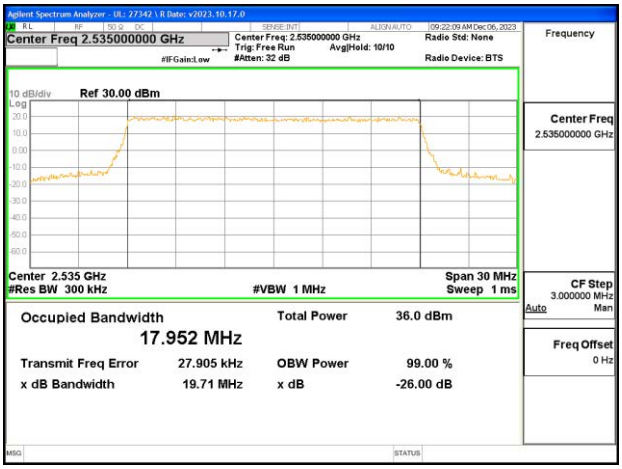
LTE B7 5MHz QPSK Middle Channel RB25-0



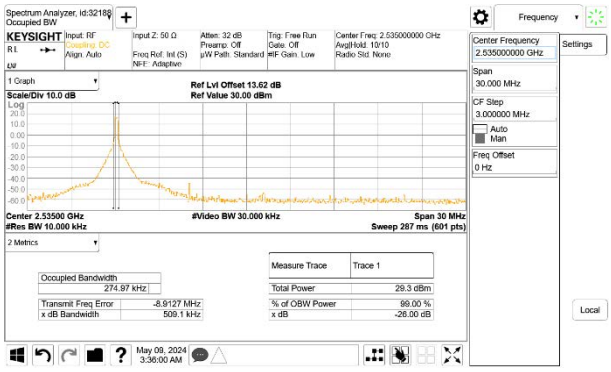
LTE B7 10MHz QPSK Middle Channel RB50-0



LTE B7 15MHz QPSK Middle Channel RB75-0



LTE B7 20MHz QPSK Middle Channel RB100-0



LTE B7 20MHz QPSK Middle Channel RB1-0

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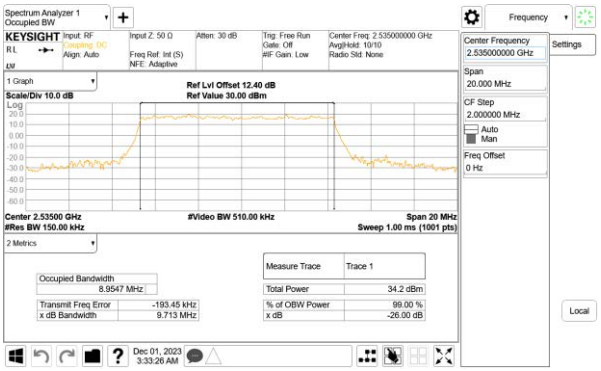
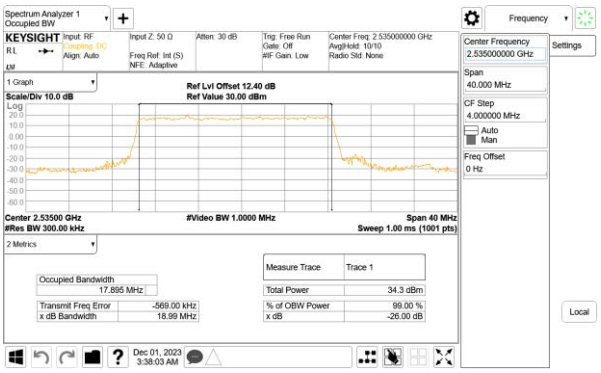
5G NR n7

5G NR n7 5MHz BPSK Middle Channel RB25-0, ID: 27957

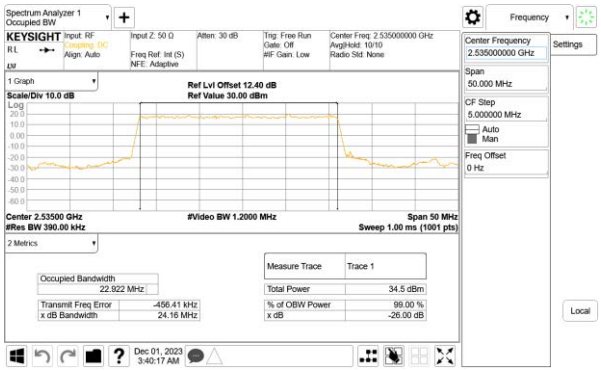


5G NR n7 10MHz BPSK Middle Channel RB50-0, ID: 27957

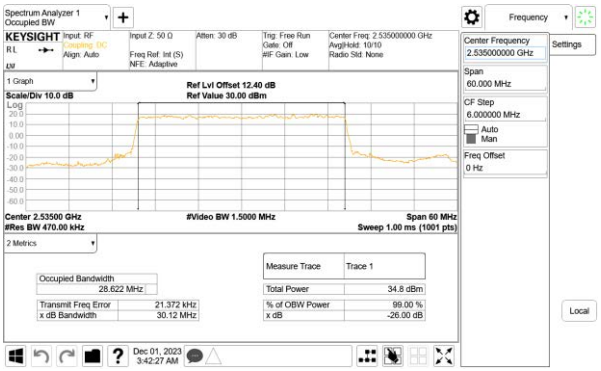
5G NR n7 15MHz BPSK Middle Channel RB75-0, ID: 27957



5G NR n7 20MHz BPSK Middle Channel RB100-0, ID: 27957



5G NR n7 25MHz BPSK Middle Channel RB128-0, ID: 27957



5G NR n7 30MHz BPSK Middle Channel RB160-0, ID: 27957

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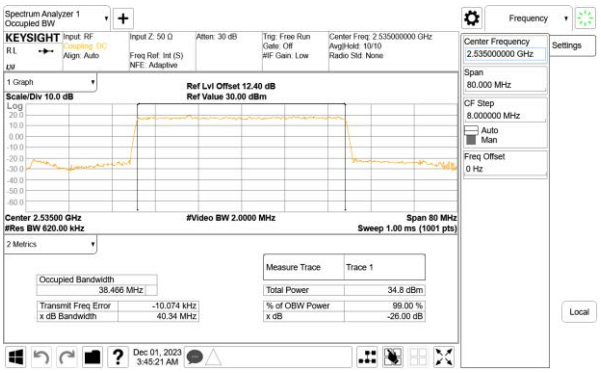
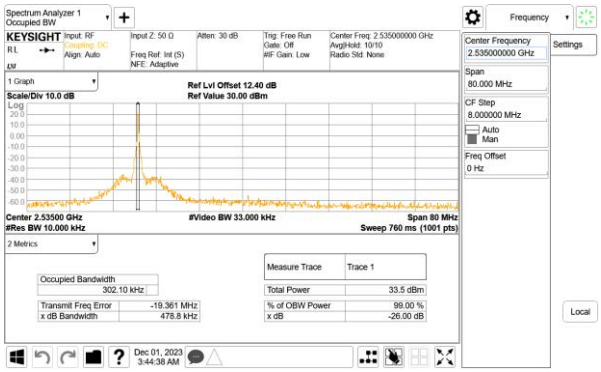
5G NR n7 35MHz BPSK Middle Channel RB180-0, ID: 27957



5G NR n7 40MHz BPSK Middle Channel RB216-0, ID: 27957



5G NR n7 40MHz BPSK Middle Channel RB1-0, ID: 27957

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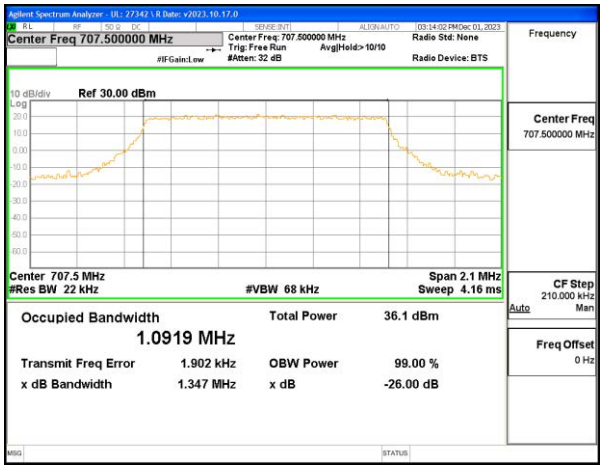
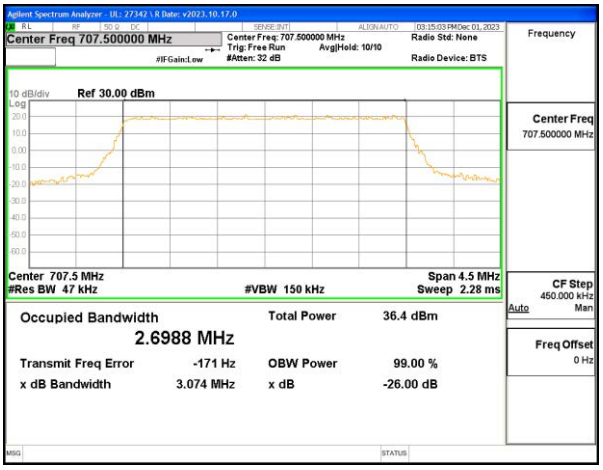
9.1.2. LTE BAND 12 AND 5G NR n12

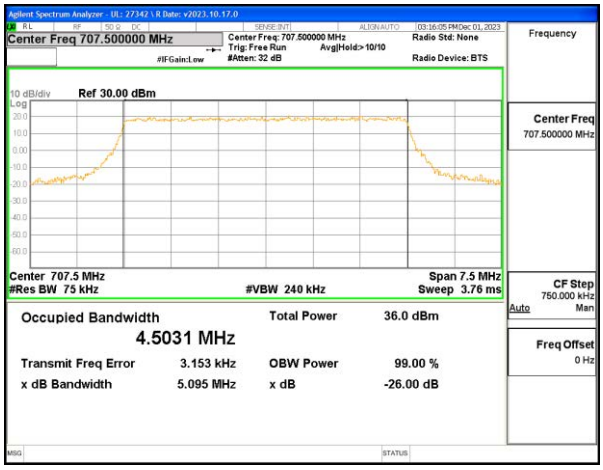
LTE BAND 12



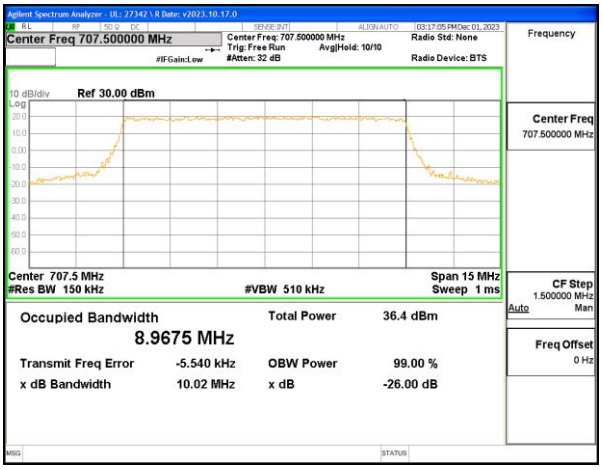
LTE B12 1.4MHz QPSK Middle Channel RB6-0



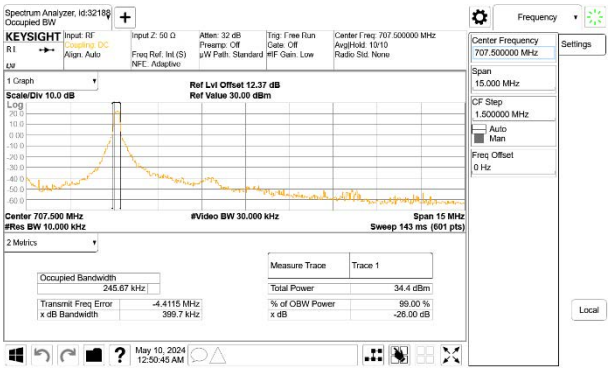
LTE B12 3MHz QPSK Middle Channel RB15-0



LTE B12 5MHz QPSK Middle Channel RB25-0



LTE B12 10MHz QPSK Middle Channel RB50-0



LTE B12 10MHz QPSK Middle Channel RB1-0

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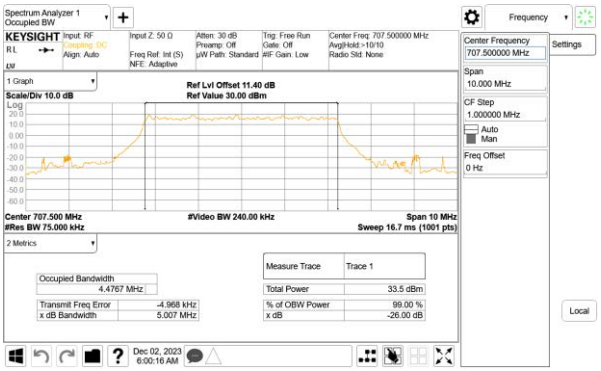
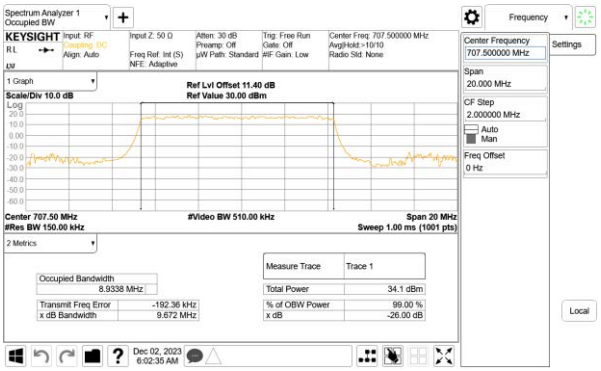
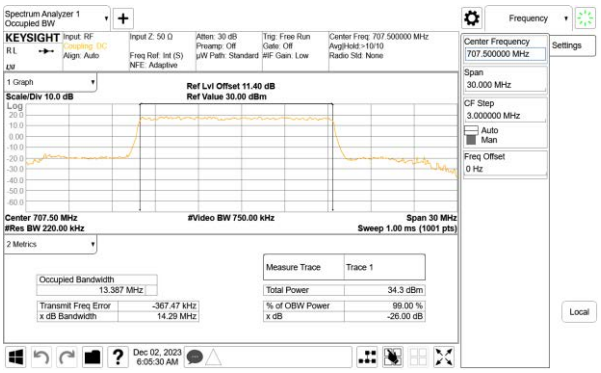
5G NR n12



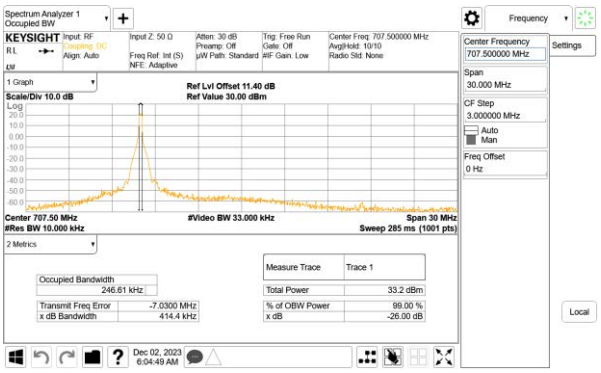
5G NR n12 5MHz BPSK Middle Channel RB25-0, ID: 28567



5G NR n12 10MHz BPSK Middle Channel RB50-0, ID: 28567



5G NR n12 15MHz BPSK Middle Channel RB75-0, ID: 28567



5G NR n12 15MHz BPSK Middle Channel RB1-0, ID: 28567

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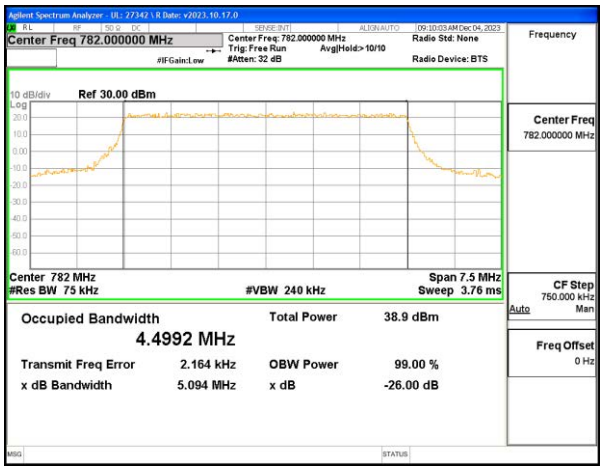
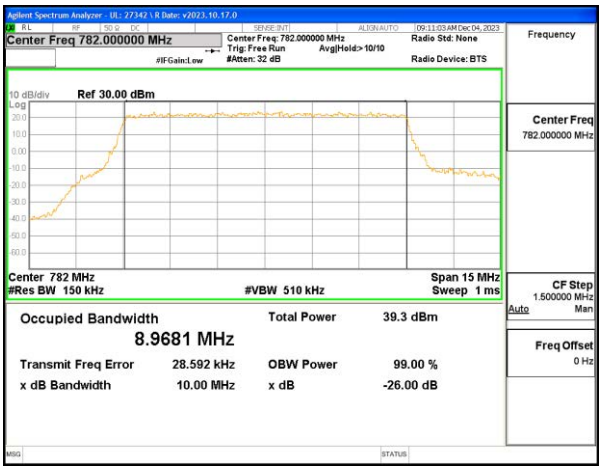
9.1.3. LTE BAND 13



LTE B13 5MHz QPSK Middle Channel RB25-0



LTE B13 10MHz QPSK Middle Channel RB50-0

LTE B13 10MHz QPSK Middle Channel RB1-0

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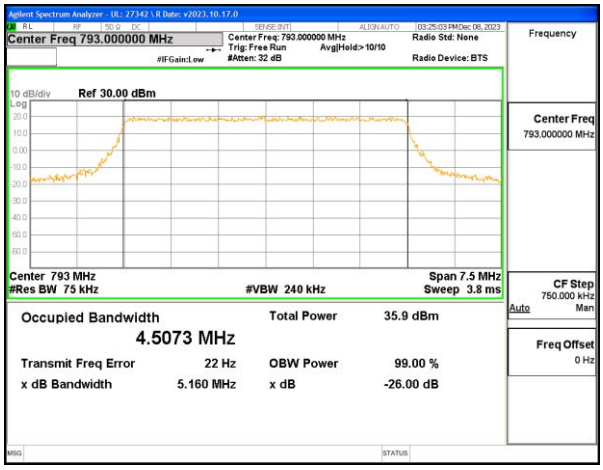
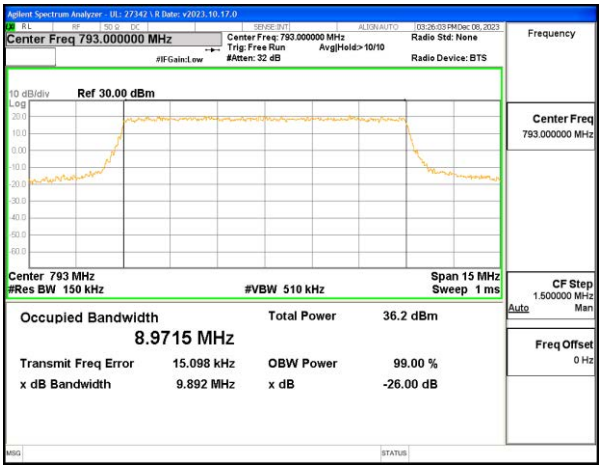
9.1.4. LTE BAND 14 AND 5G NR n14

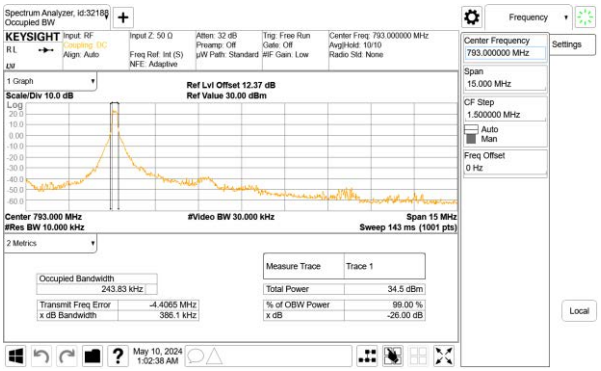
LTE BAND 14



LTE B14 5MHz QPSK Middle Channel RB25-0



LTE B14 10MHz QPSK Middle Channel RB50-0



LTE B14 10MHz QPSK Middle Channel RB1-0

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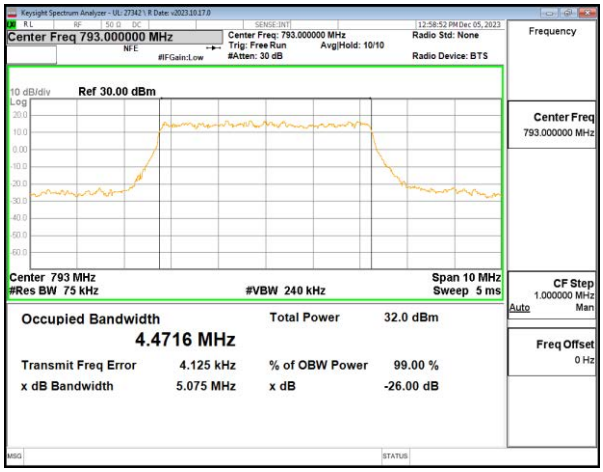
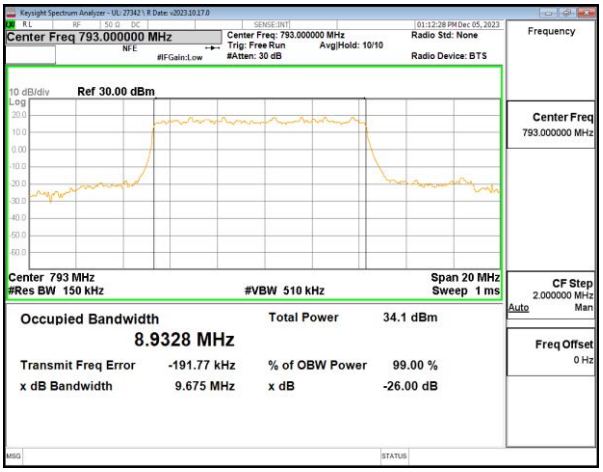
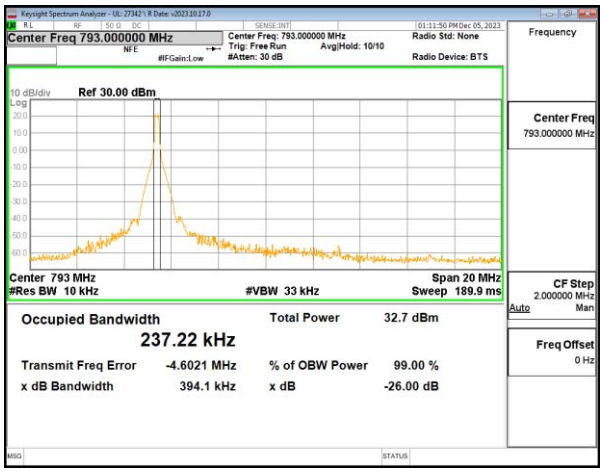
5G NR n14



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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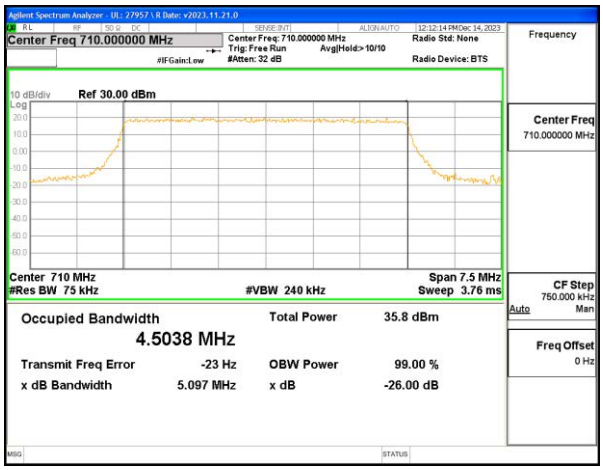
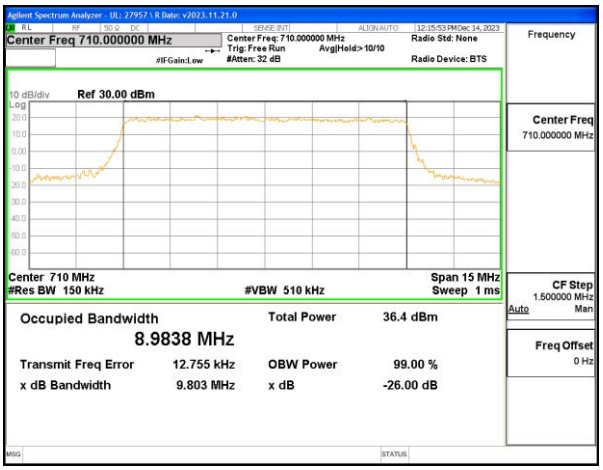
9.1.5. LTE BAND 17



LTE B17 5MHz QPSK Middle Channel RB25-0



LTE B17 10MHz QPSK Middle Channel RB50-0

LTE B17 10MHz QPSK Middle Channel RB1-0

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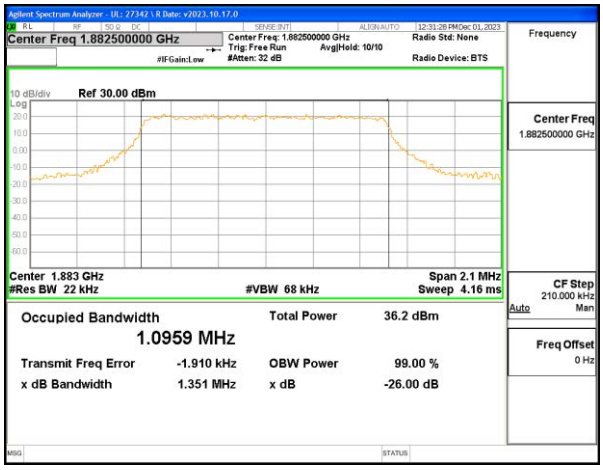
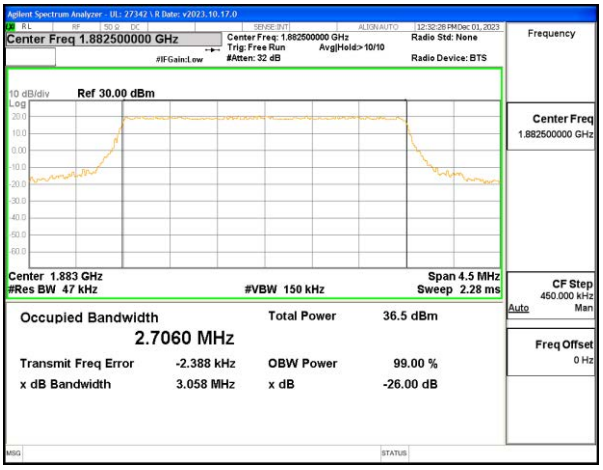
9.1.6. LTE BAND 25 AND 5G NR n25

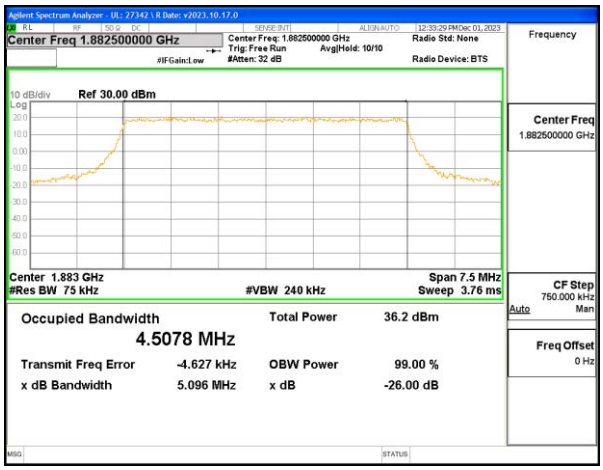
LTE BAND 25



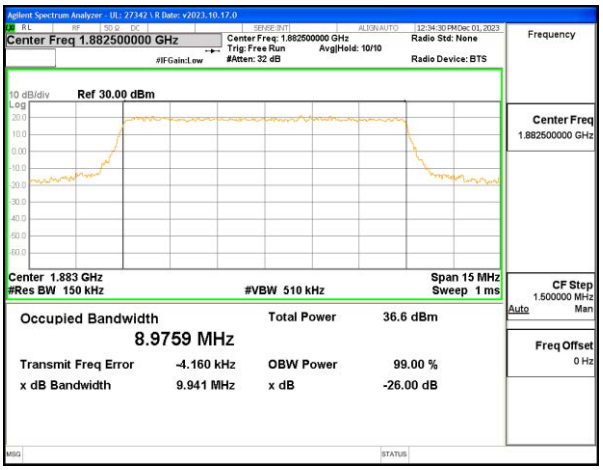
LTE B25 1.4MHz QPSK Middle Channel RB6-0



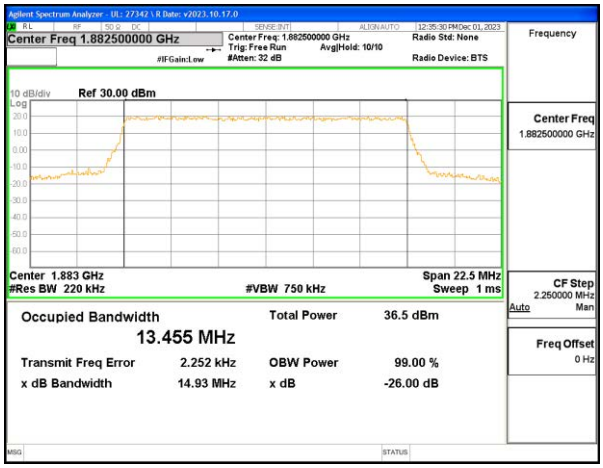
LTE B25 3MHz QPSK Middle Channel RB15-0



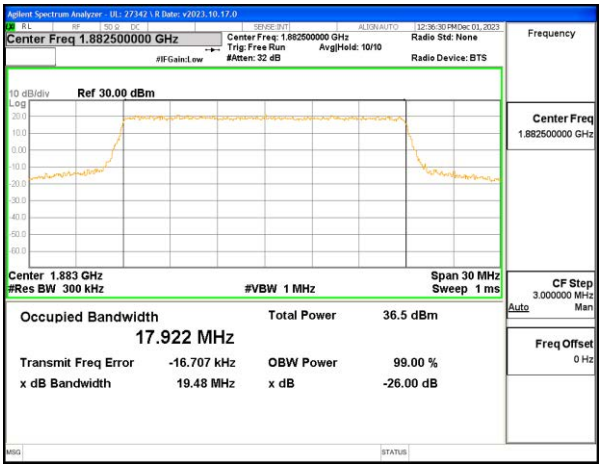
LTE B25 5MHz QPSK Middle Channel RB25-0



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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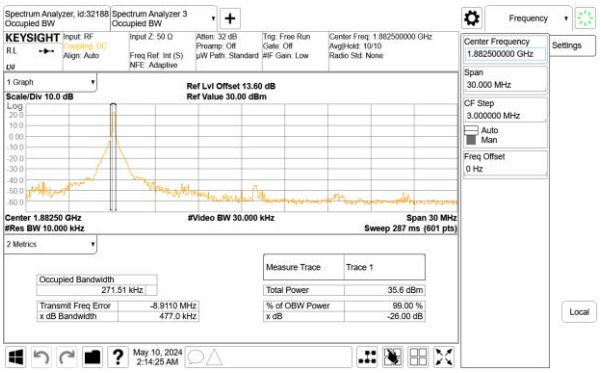

LTE B25 20MHz QPSK Middle Channel RB1-0

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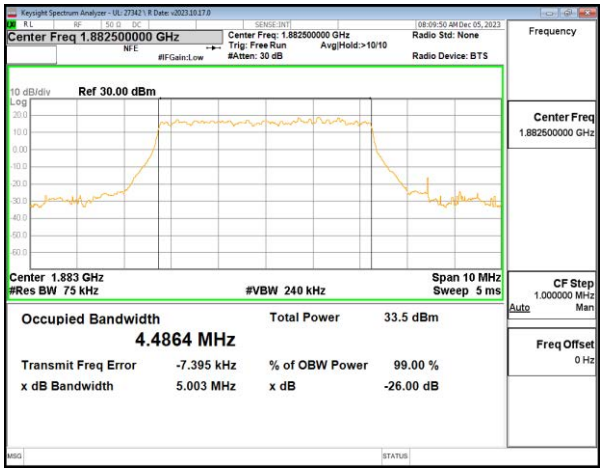
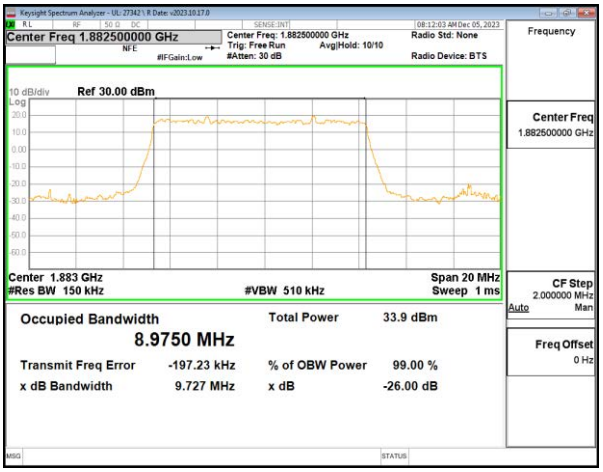
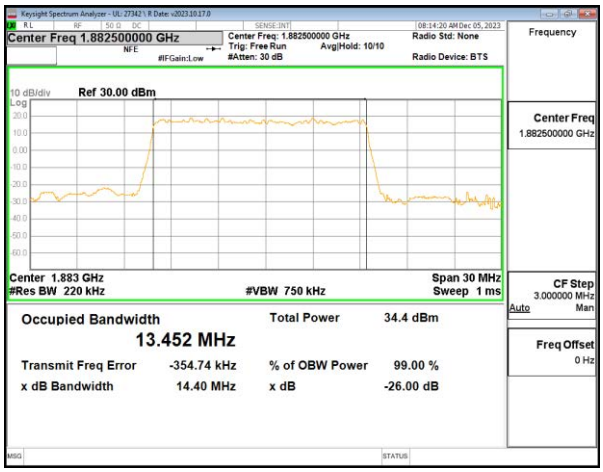
5G NR n25



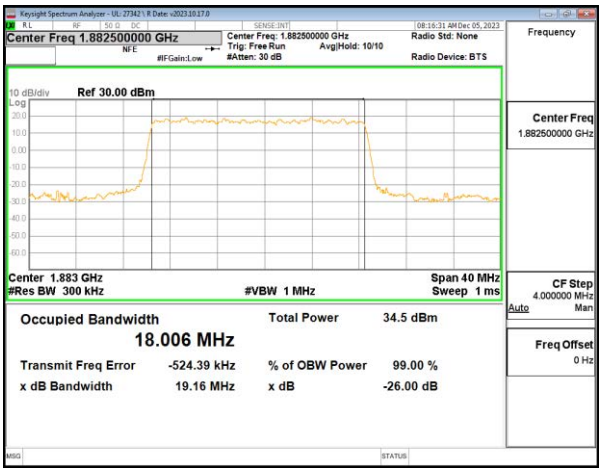
5G NR n25 5MHz BPSK Middle Channel RB25-0



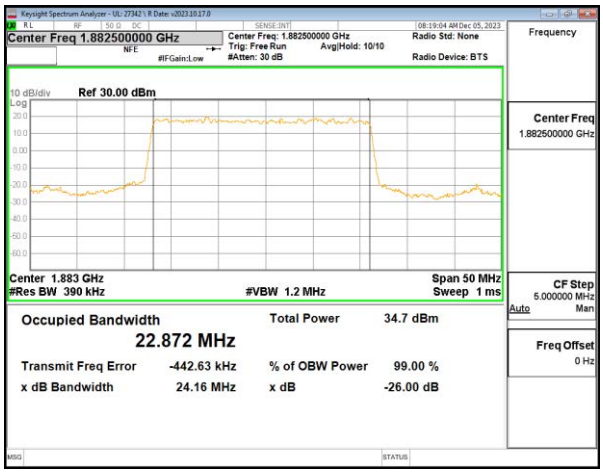
5G NR n25 10MHz BPSK Middle Channel RB50-0



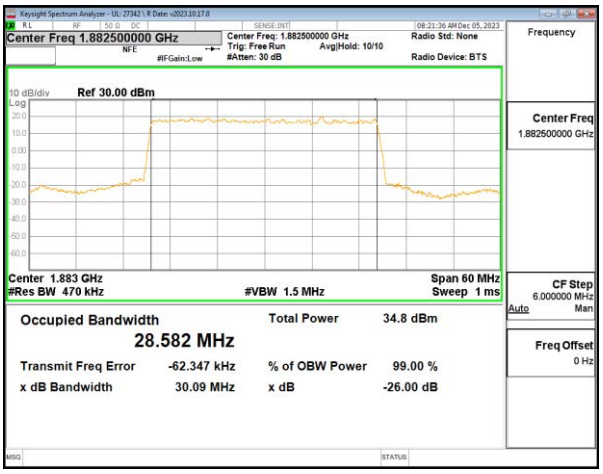
5G NR n25 15MHz BPSK Middle Channel RB75-0



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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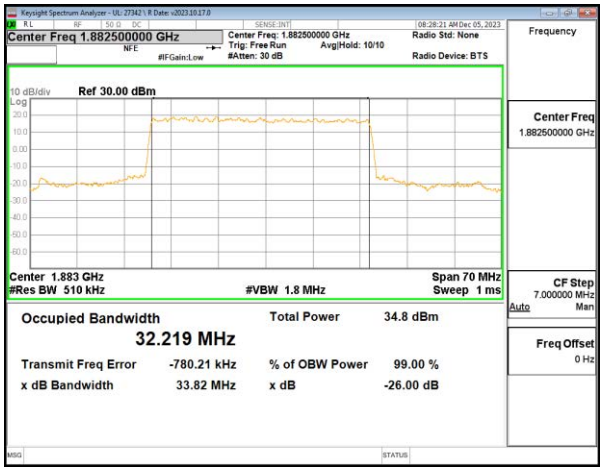
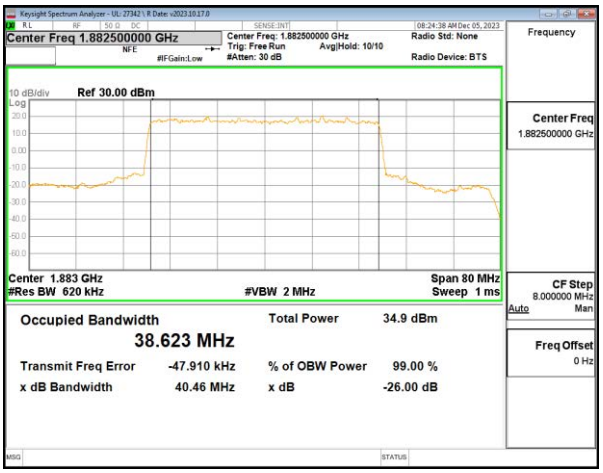
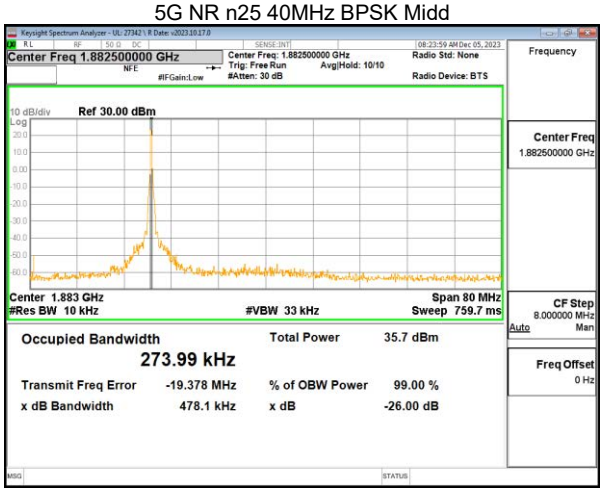


5G NR n25 35MHz BPSK Middle Channel RB180-0



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

5G NR n25 40MHz BPSK Midd



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

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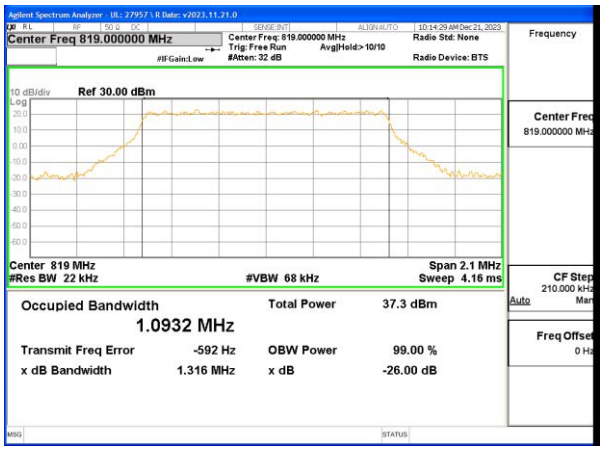
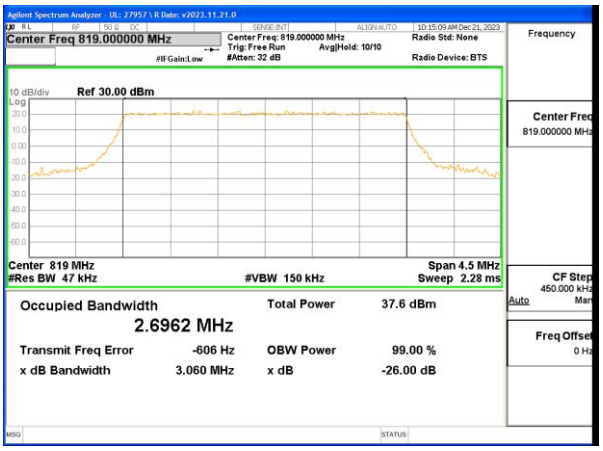
9.1.7. LTE BAND 26 AND 5G NR n26 (FCC Part 90S)

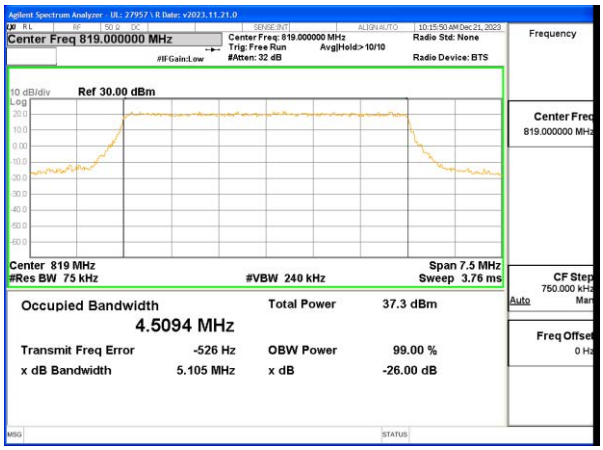
LTE BAND 26



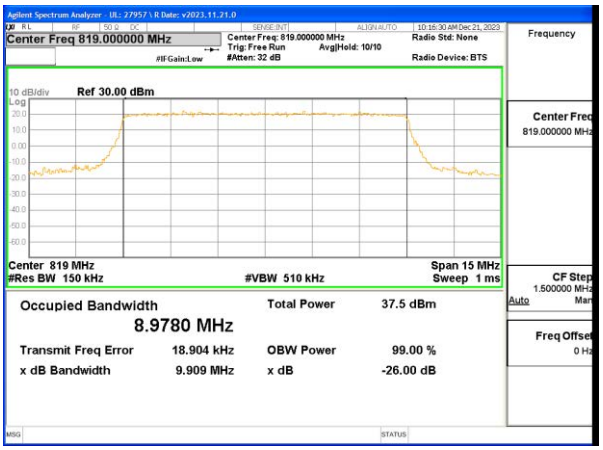
LTE B26 1.4MHz QPSK Middle Channel RB6-0



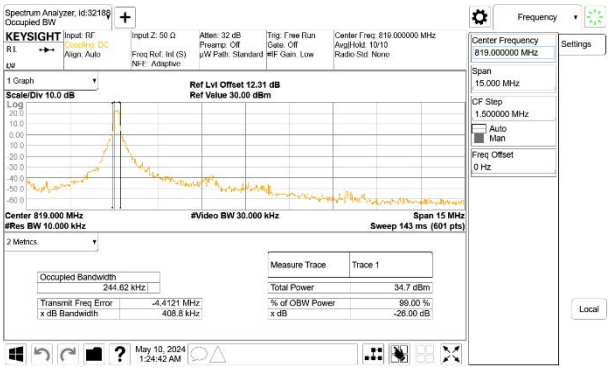
LTE B26 3MHz QPSK Middle Channel RB15-0



LTE B26 5MHz QPSK Middle Channel RB25-0



LTE B26 10MHz QPSK Middle Channel RB50-0



LTE B26 10MHz QPSK Middle Channel RB1-0

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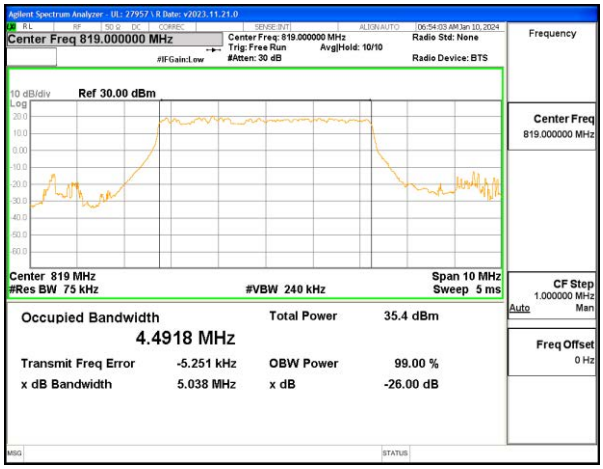
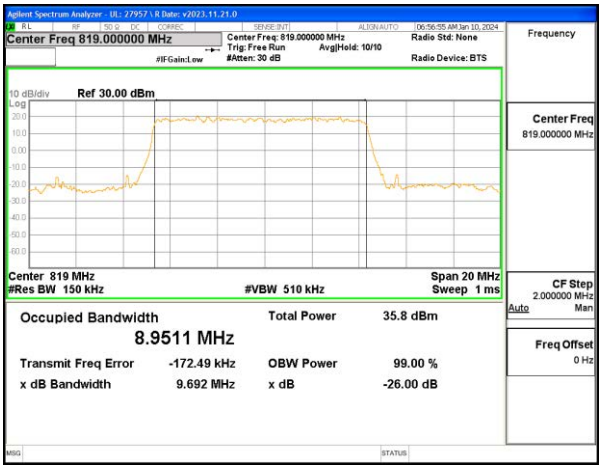
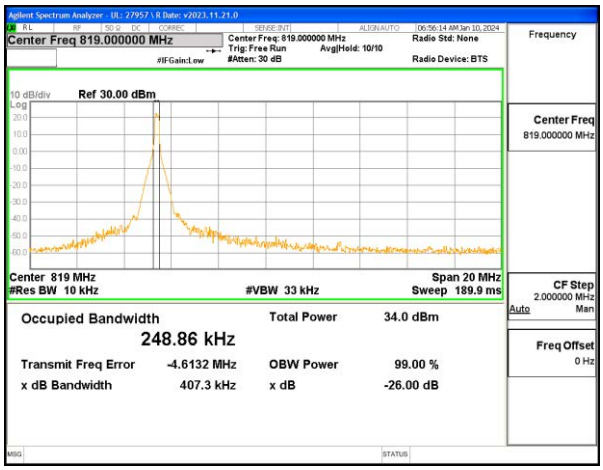
5G NR n26



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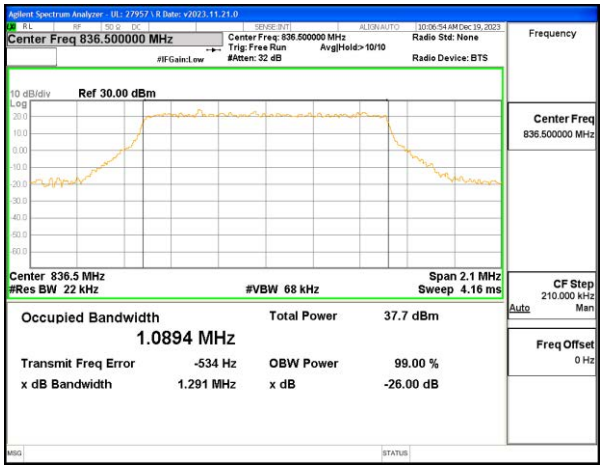
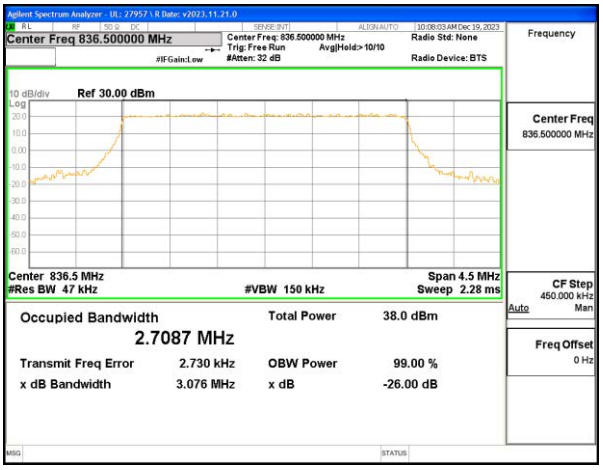
9.1.8. LTE BAND 26 AND 5G NR n26 (FCC Part 22)

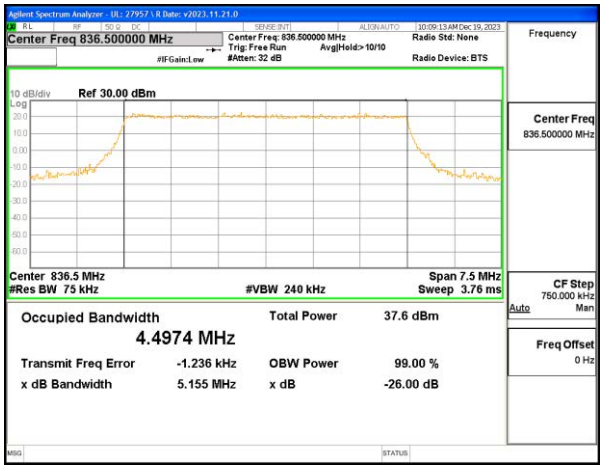
LTE BAND 26



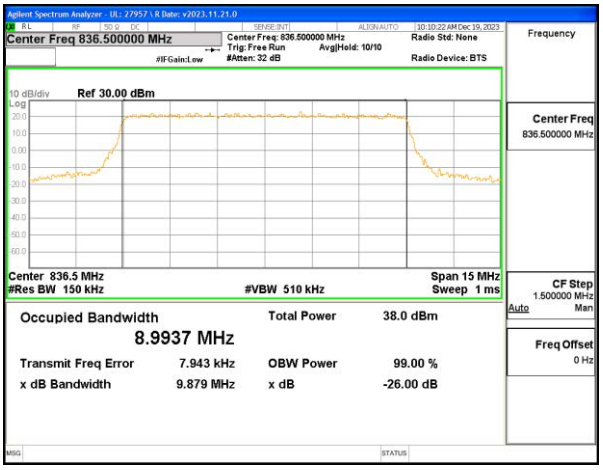
LTE B26 1.4MHz QPSK Middle Channel RB6-0



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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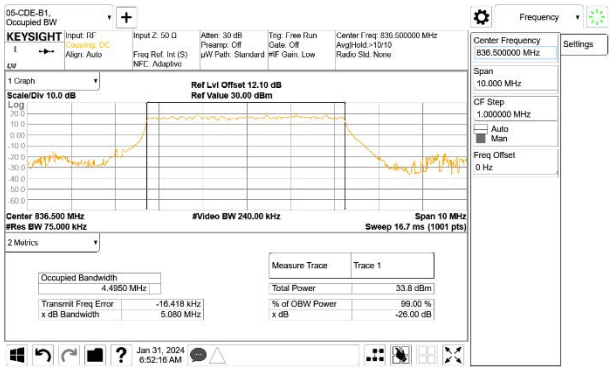
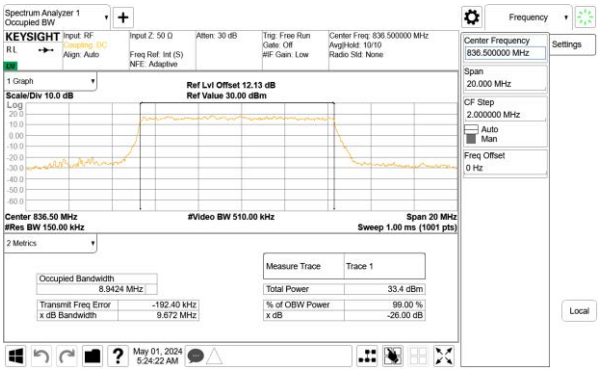
5G NR n26

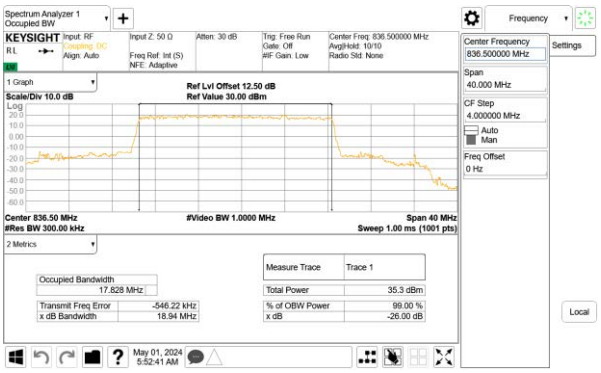


5G NR n26 5MHz BPSK Middle Channel RB25-0, ID: 28567

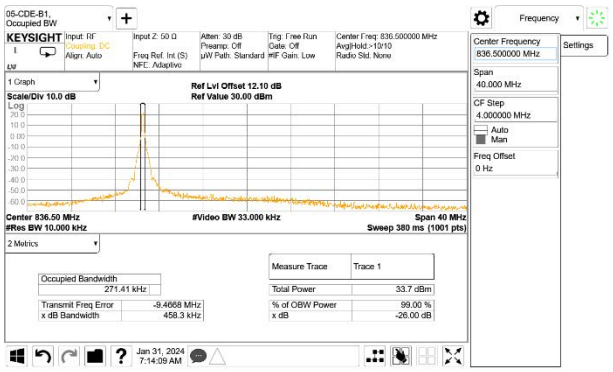


5G NR n26 10MHz BPSK Middle Channel RB50-0, ID: 28567

5G NR n26 15MHz BPSK Middle Channel RB75-0, ID: 28567



5G NR n26 20MHz BPSK Middle Channel RB100-0, ID: 28567



5G NR n26 20MHz Middle High Channel RB1-0, ID: 28567

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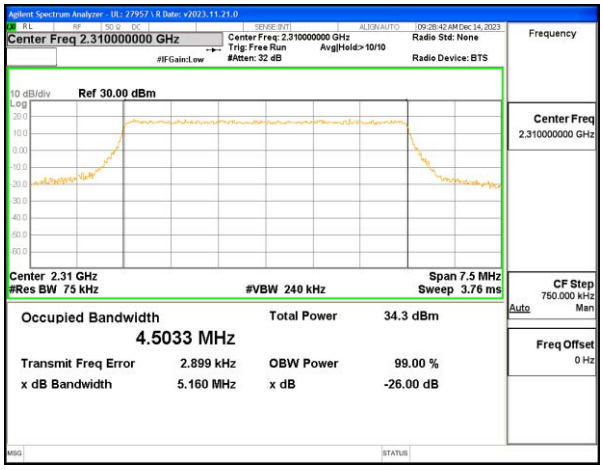
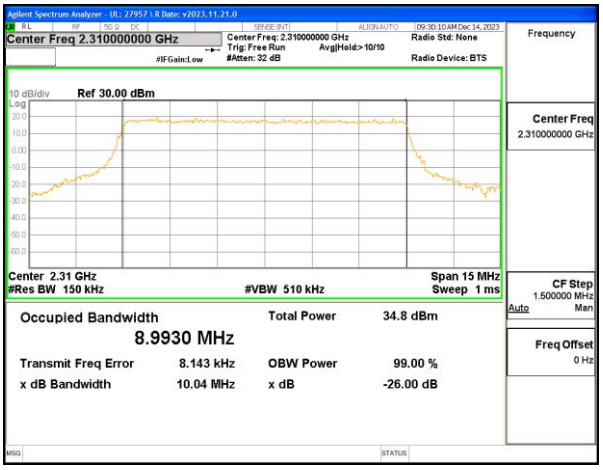
9.1.9. LTE BAND 30 AND 5G NR n30

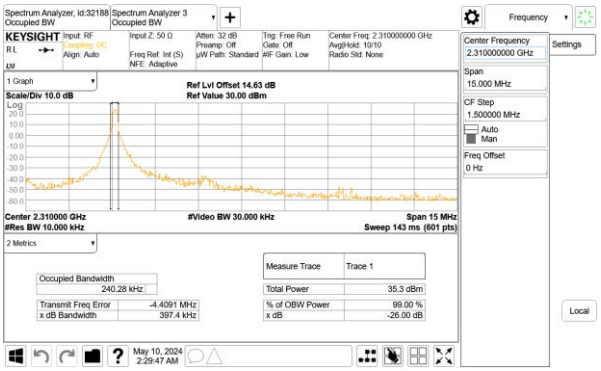
LTE BAND 30



LTE B30 5MHz QPSK Middle Channel RB25-0



LTE B30 10MHz QPSK Middle Channel RB50-0



LTE B30 10MHz QPSK Middle Channel RB1-0

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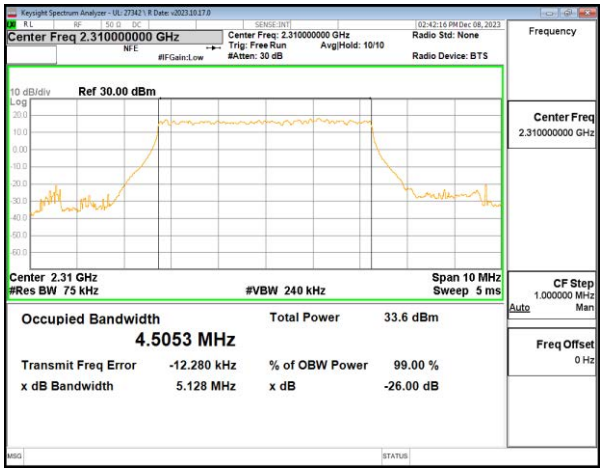
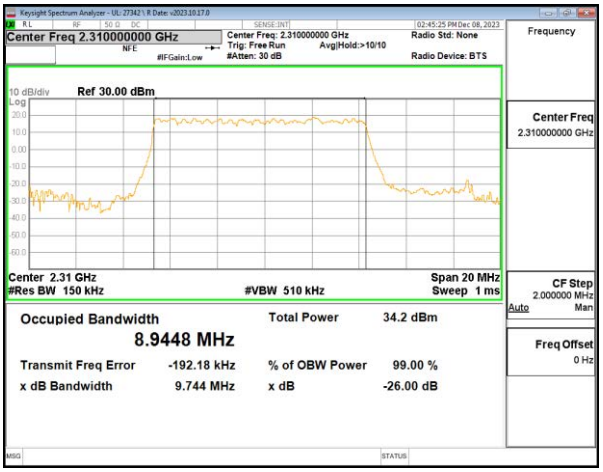
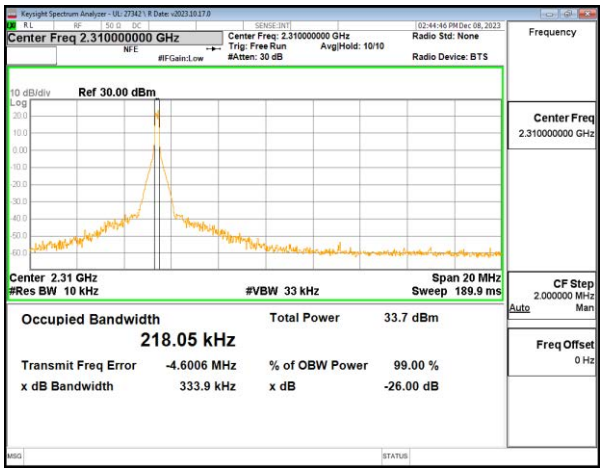
5G NR n30



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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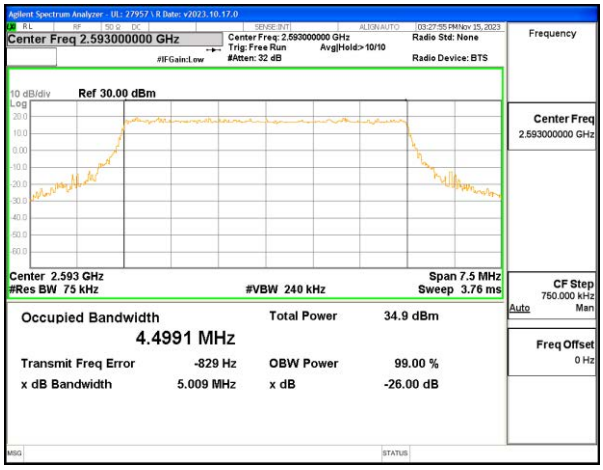
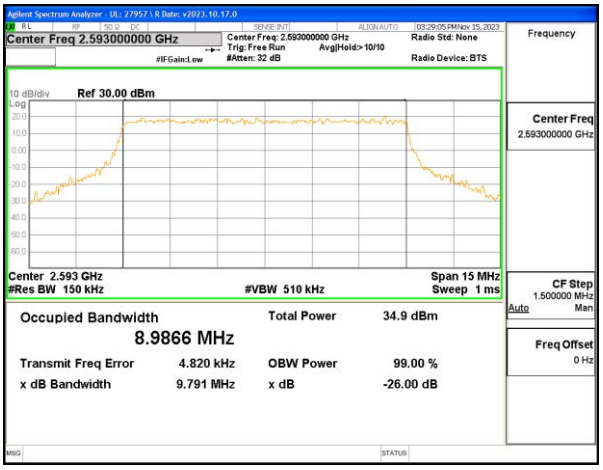
9.1.10. LTE BAND 41 AND 5G NR n41

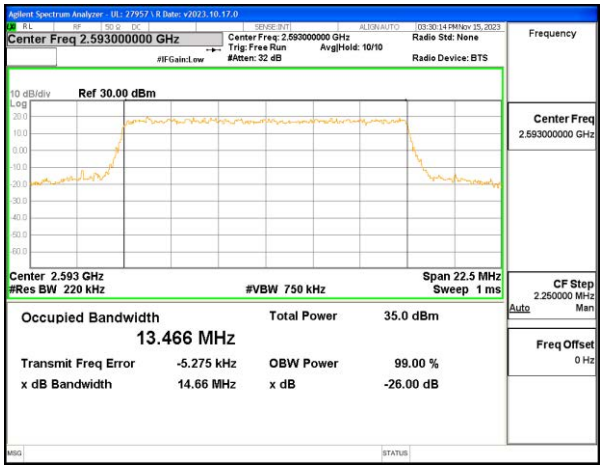
LTE BAND 41



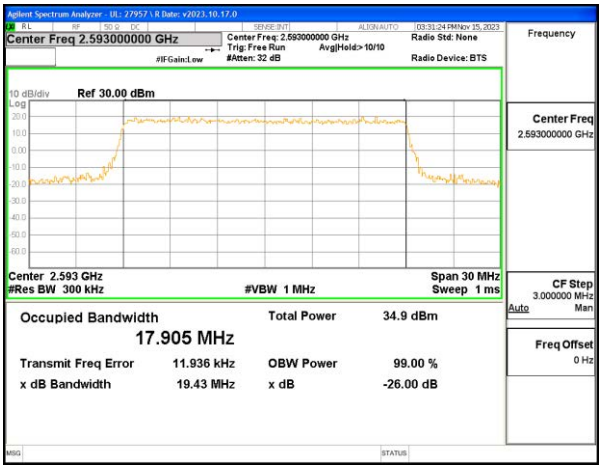
LTE B41 5MHz QPSK Middle Channel RB25-0



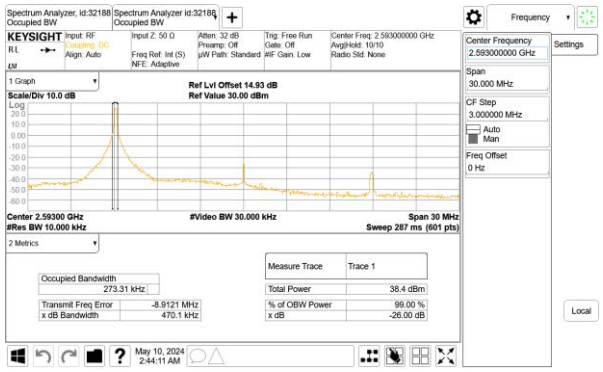
LTE B41 10MHz QPSK Middle Channel RB50-0



LTE B41 15MHz QPSK Middle Channel RB75-0



LTE B41 20MHz QPSK Middle Channel RB100-0



LTE B41 20MHz QPSK Middle Channel RB1-0

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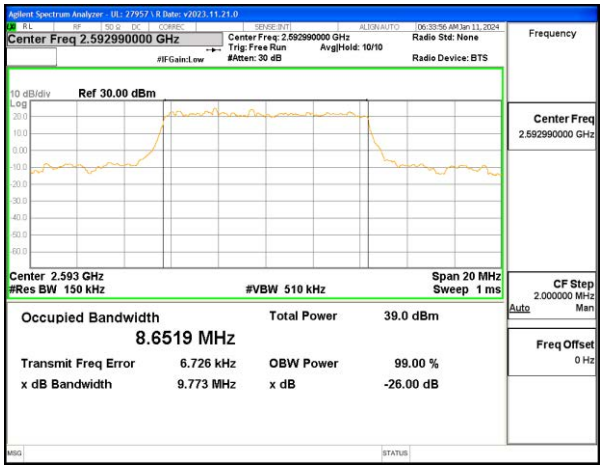
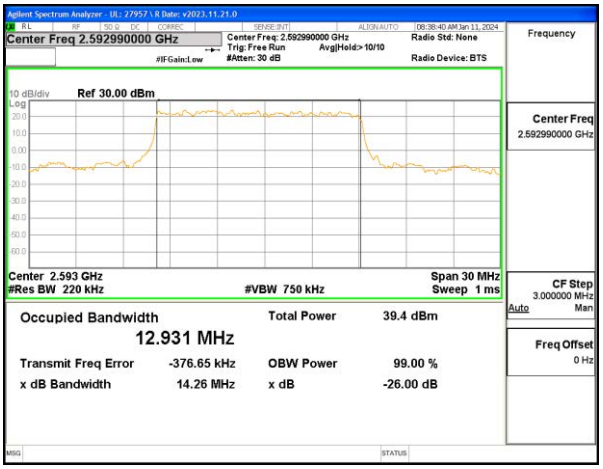
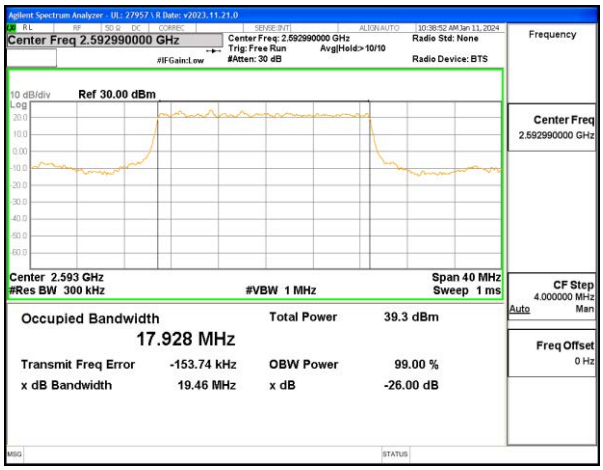
5G NR n41



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



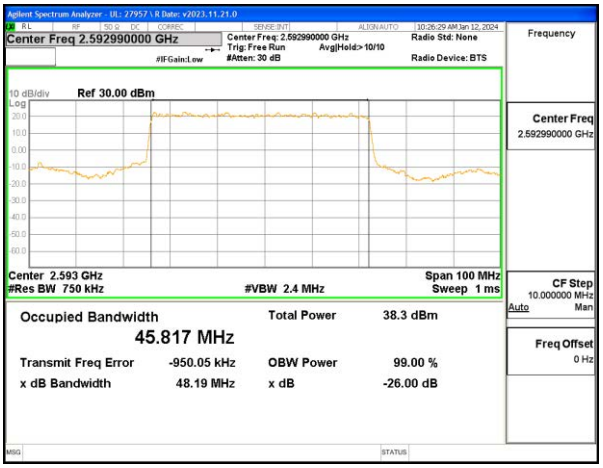
5G NR n41 15MHz BPSK Middle Channel RB36-0



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

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

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



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

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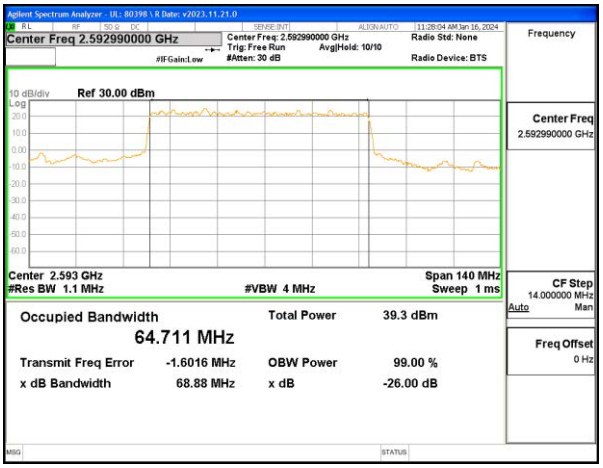
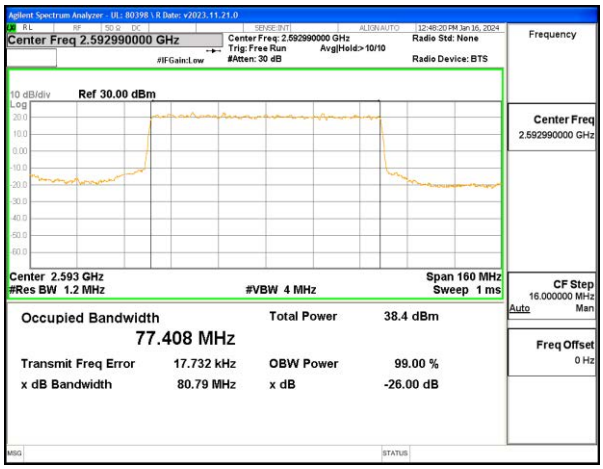
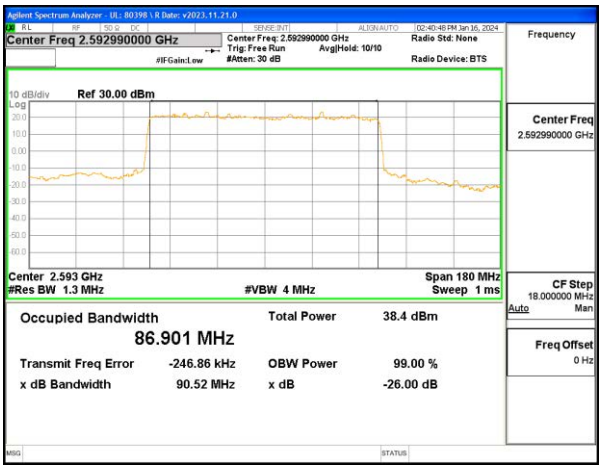
5G NR n41 60MHz BPSK Middle Channel RB162-0



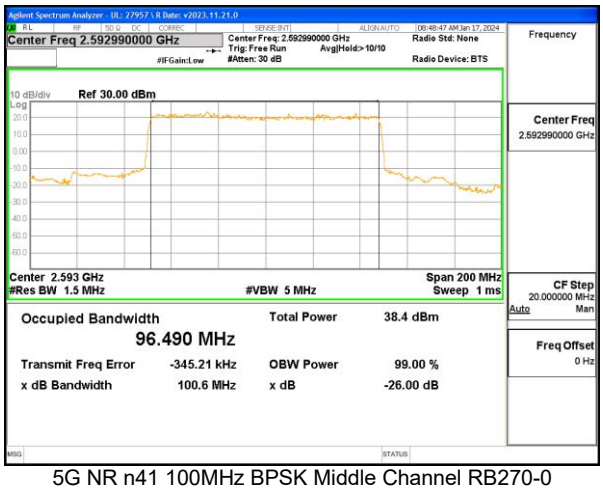
5G NR n41 70MHz BPSK Middle Channel RB180-0



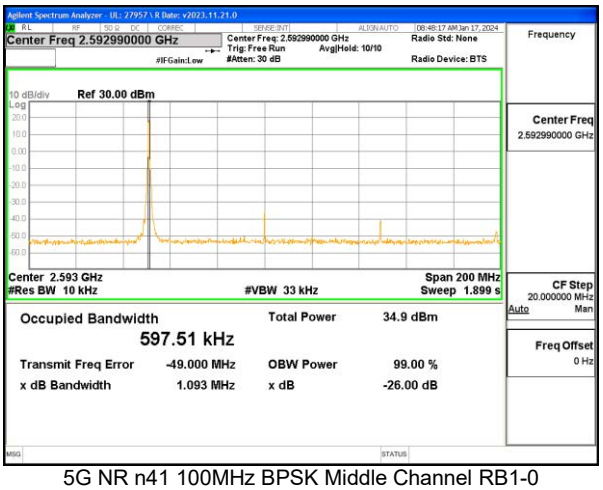
5G NR n41 80MHz BPSK Middle Channel RB216-0



5G NR n41 90MHz BPSK Middle Channel RB243-0



5G NR n41 100MHz BPSK Middle Channel RB270-0



5G NR n41 100MHz BPSK Middle Channel RB1-0

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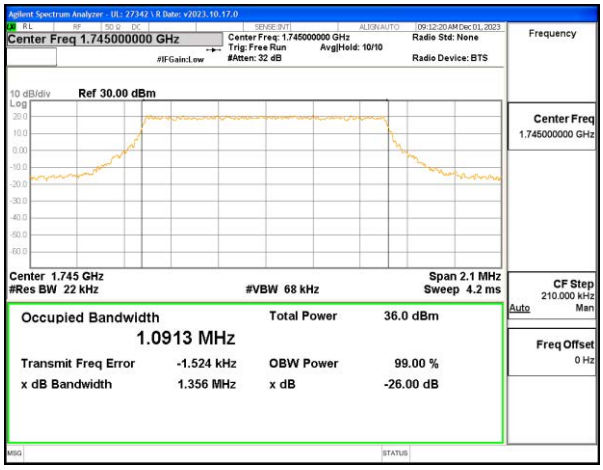
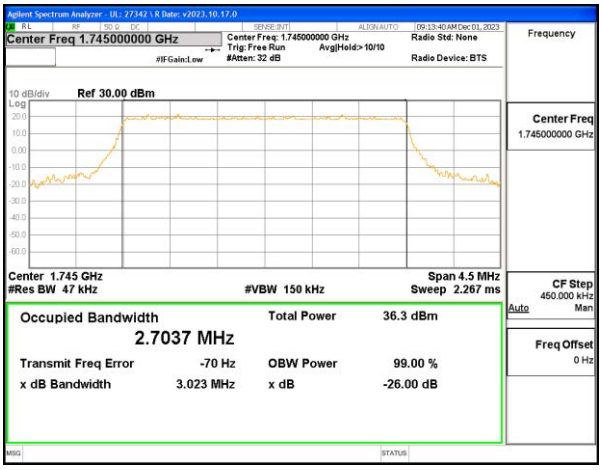
9.1.11. LTE BAND 66 AND 5G NR n66

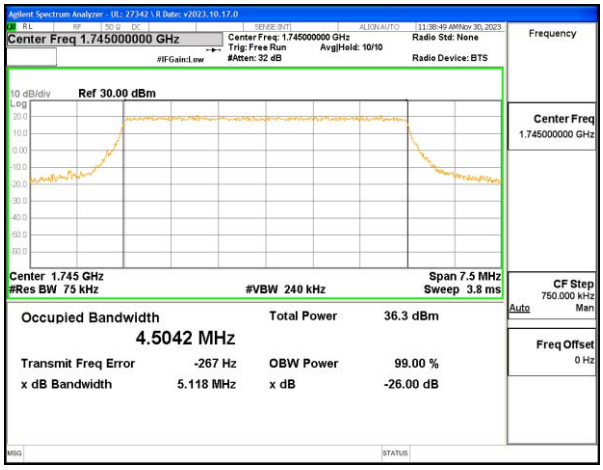
LTE BAND 66



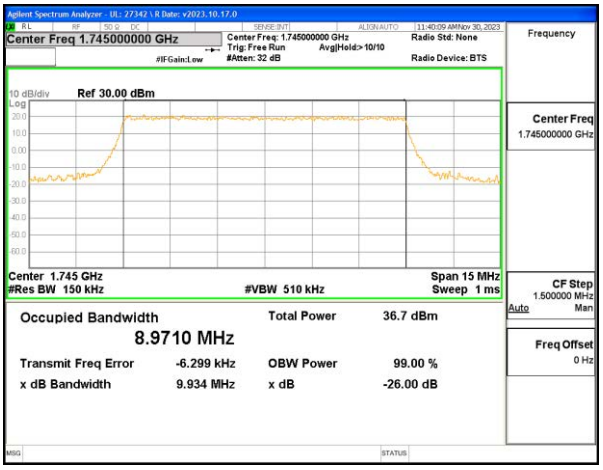
LTE B66 1.4MHz QPSK Middle Channel RB6-0



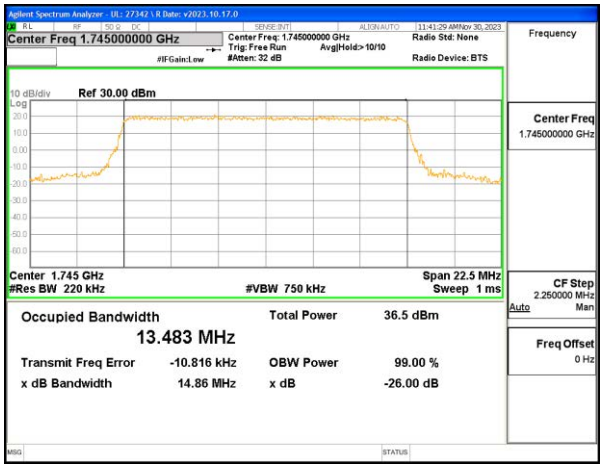
LTE B66 3MHz QPSK Middle Channel RB15-0



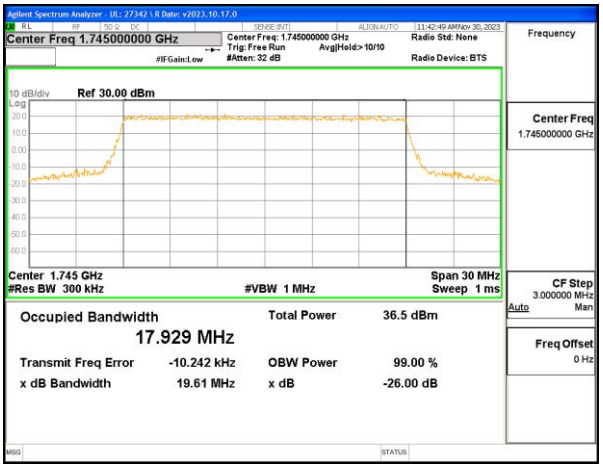
LTE B66 5MHz QPSK Middle Channel RB25-0



LTE B66 10MHz QPSK Middle Channel RB50-0



LTE B66 15MHz QPSK Middle Channel RB75-0



LTE B66 20MHz QPSK Middle Channel RB100-0

UL VERIFICATION SERVICES INC. FORM NO: CCSUP4031B
47173 BENICIA STREET, FREMONT, CA 94538, USA TEL: (510) 319-4000 FAX: (510) 661-0888
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