

TEST REPORT

Report Number: 15175342-E10V4

Applicant : APPLE, INC
1 APPLE PARK WAY
CUPERTINO, CA 95014, U.S.A.

Model : A3212

Brand : APPLE

FCC ID : BCG-E8725A

EUT Description : SMARTPHONE

Test Standard(s) : FCC 47 CFR Part 2, Part 22, Part 24, Part 27, AND Part 90

Date Of Issue:
2024-12-31

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



Revision History

Rev.	Issue Date	Revisions	Revised By
V1	2024-10-03	Initial Review	--
V2	2024-12-12	Updated Selection 6,8,9	Eric Ting
V3	2024-12-16	Updated Selection 9,10	Eric Ting
V4	2024-12-31	Updated Selection 6.2, 8	Mengistu Mekuria

TABLE OF CONTENTS

1. ATTESTATION OF TEST RESULTS	8
2. SUMMARY OF TEST RESULTS	9
3. TEST METHODOLOGY	11
4. FACILITIES AND ACCREDITATION	11
5. DECISION RULES AND MEASUREMENT UNCERTAINTY	12
5.1. METROLOGICAL TRACEABILITY	12
5.2. DECISION RULES	12
5.3. MEASUREMENT UNCERTAINTY	12
5.4. SAMPLE CALCULATION	12
6. EQUIPMENT UNDER TEST	13
6.1. DESCRIPTION OF EUT	13
6.2. MAXIMUM OUTPUT POWER	13
6.3. SOFTWARE AND FIRMWARE	25
6.4. MAXIMUM ANTENNA GAIN AND ERP/EIRP CALCULATIONS	25
6.5. WORST-CASE CONFIGURATION AND MODE	26
6.6. DESCRIPTION OF TEST SETUP	28
7. TEST AND MEASUREMENT EQUIPMENT	30
8. RF OUTPUT POWER MEASUREMENTS	32
8.1. LTE BAND 7 AND 5G NR n7	36
8.2. LTE BAND 12 AND 5G NR n12	43
8.3. LTE BAND 13	49
8.4. LTE BAND 14 AND 5G NR n14	51
8.5. LTE BAND 17	54
8.6. LTE BAND 25 AND 5G NR n25	56
8.7. LTE BAND 26 AND 5G NR n26 (FCC Part 90S)	66
8.8. LTE BAND 26 AND 5G NR n26 (FCC Part 22)	71
8.9. LTE BAND 30 AND 5G NR n30	78
8.10. LTE BAND 41 AND 5G NR n41	82
8.11. LTE BAND 66 AND 5G NR n66	92
8.12. 5G NR n70	101
8.13. LTE BAND 71 AND 5G NR n71	104
8.14. 5G NR n77 (FCC Part 27 3450-3550MHz)	110

8.15. 5G NR n77 (FCC Part 27 3700-3980MHz)	116
9. CONDUCTED TEST RESULTS	122
9.1. OCCUPIED BANDWIDTH	122
9.1.1. LTE BAND 7 AND 5G NR n7.....	135
9.1.2. LTE BAND 12 AND 5G NR n12.....	138
9.1.3. LTE BAND 13.....	140
9.1.4. LTE BAND 14 AND 5G NR n14.....	141
9.1.5. LTE BAND 17.....	143
9.1.6. LTE BAND 25 AND 5G NR n25.....	144
9.1.7. LTE BAND 26 AND 5G NR n26 (FCC PART 90S)	148
9.1.8. LTE BAND 26 AND 5G NR n26 (FCC PART 22).....	150
9.1.9. LTE BAND 30 AND 5G NR n30.....	152
9.1.10. LTE BAND 41 AND 5G NR n41	154
9.1.11. LTE BAND 66 AND 5G NR n66	157
9.1.12. 5G NR n70.....	161
9.1.13. LTE BAND 71 AND 5G NR n71	162
9.1.14. 5G NR n77 (FCC Part 27 3450-3550MHz).....	164
9.1.15. 5G NR n77 (FCC Part 27 3700-3980MHz).....	166
9.2. EMISSION MASK AND ADJACENT CHANNEL POWER.....	168
9.2.1. LTE BAND 7 AND 5G NR n7 EMISSION MASK	170
9.2.2. LTE BAND 12 AND 5G NR n12 EMISSION MASK	189
9.2.3. LTE BAND 13 EMISSION MASK.....	201
9.2.4. LTE BAND 14 AND 5G NR n14 EMISSION MASK	204
9.2.5. LTE BAND 17 EMISSION MASK.....	209
9.2.6. LTE BAND 25 AND 5G NR n25 EMISSION MASK	212
9.2.7. LTE BAND 26 AND 5G NR n26 EMISSION MASK (FCC PART 90S)	223
9.2.8. LTE BAND 26 AND 5G NR n26 EMISSION MASK (FCC PART 22).....	229
9.2.9. LTE BAND 30 AND 5G NR n30 EMISSION MASK	235
9.2.10. LTE BAND 41 AND 5G NR n41 EMISSION MASK.....	242
9.2.11. LTE BAND 66 AND 5G NR n66 EMISSION MASK.....	266
9.2.12. 5G NR n70 EMISSION MASK	277
9.2.13. LTE BAND 71 AND 5G NR n71 EMISSION MASK.....	281
9.2.14. 5G NR n77 EMISSION MASK (FCC Part 27 3450-3550MHz)	294
9.2.15. 5G NR n77 EMISSION MASK (FCC Part 27 3700-3980MHz)	311
9.3. OUT OF BAND EMISSIONS	329

9.3.1.	LTE BAND 7 AND 5G NR n7.....	330
9.3.2.	LTE BAND 12 AND 5G NR n12.....	332
9.3.3.	LTE BAND 13.....	334
9.3.4.	LTE BAND 14 AND 5G NR n14.....	336
9.3.5.	LTE BAND 17.....	339
9.3.6.	LTE BAND 25 AND 5G NR n25.....	340
9.3.7.	LTE BAND 26 AND 5G NR n26 (FCC PART 90S)	342
9.3.8.	LTE BAND 26 AND 5G NR n26 (FCC PART 22).....	343
9.3.9.	LTE BAND 30 AND 5G NR n30.....	345
9.3.10.	LTE BAND 41 AND 5G NR n41	346
9.3.11.	LTE BAND 66 AND 5G NR n66	348
9.3.12.	5G NR n70.....	350
9.3.13.	LTE BAND 71 AND 5G NR n71	351
9.3.14.	5G NR n77 (FCC Part 27 3450-3550MHz).....	353
9.3.15.	5G NR n77 (FCC Part 27 3700-3980MHz).....	354
9.4.	FREQUENCY STABILITY	355
9.4.1.	LTE BAND 7 AND 5G NR n7.....	356
9.4.2.	LTE BAND 12 AND 5G NR n12.....	358
9.4.3.	LTE BAND 13.....	360
9.4.4.	LTE BAND 14 AND 5G NR n14.....	361
9.4.5.	LTE BAND 17.....	363
9.4.6.	LTE BAND 25 AND 5G NR n25.....	364
9.4.7.	LTE BAND 26 AND 5G NR n26 (FCC PART 90S)	366
9.4.8.	LTE BAND 26 AND 5G NR n26 (FCC PART 22).....	368
9.4.9.	LTE BAND 30 AND 5G NR n30.....	370
9.4.10.	LTE BAND 41 AND 5G NR n41	372
9.4.11.	LTE BAND 66 AND 5G NR n66	374
9.4.12.	5G NR n70.....	376
9.4.13.	LTE BAND 71 AND 5G NR n71	377
9.4.14.	5G NR n77 (FCC Part 27 3450-3550MHz).....	379
9.4.15.	5G NR n77 (FCC Part 27 3700-3980MHz).....	380
9.5.	PEAK-TO-AVERAGE POWER RATIO	381
9.5.1.	LTE BAND 7 AND 5G NR n7.....	382
9.5.2.	LTE BAND 12 AND 5G NR n12.....	383
9.5.3.	LTE BAND 13.....	383

9.5.4.	LTE BAND 14 AND 5G NR n14.....	383
9.5.5.	LTE BAND 17.....	384
9.5.6.	LTE BAND 25 AND 5G NR n25.....	384
9.5.7.	LTE BAND 26 AND 5G NR n26 (FCC PART 90S)	385
9.5.8.	LTE BAND 26 AND 5G NR n26 (FCC PART 22).....	385
9.5.9.	LTE BAND 30 AND 5G NR N30	386
9.5.10.	LTE BAND 41 AND 5G NR n41	386
9.5.11.	LTE BAND 66 AND 5G NR n66	387
9.5.12.	5G NR n70.....	387
9.5.13.	LTE BAND 71 AND 5G NR n71	388
9.5.14.	5G NR n77 (FCC Part 27 3450-3550MHz).....	388
9.5.15.	5G NR n77 (FCC Part 27 3700-3980MHz).....	389
10.	RADIATED TEST RESULTS	390
10.1.	FIELD STRENGTH OF SPURIOUS RADIATION, ANT1	393
10.1.1.	LTE BAND 7 AND 5G NR n7	394
10.1.2.	LTE BAND 12 AND 5G NR n12	397
10.1.3.	LTE BAND 13	400
10.1.4.	LTE BAND 14 AND 5G NR n14	402
10.1.5.	LTE BAND 17	405
10.1.6.	LTE BAND 25 AND 5G NR n25	407
10.1.7.	LTE BAND 26 (FCC PART 90S).....	410
10.1.8.	LTE BAND 26 AND 5G NR n26 (FCC PART 22)	412
10.1.9.	LTE BAND 30 AND 5G NR n30	415
10.1.10.	LTE BAND 41 AND 5G NR n41	417
10.1.11.	LTE BAND 66 AND 5G NR n66	419
10.1.12.	5G NR n70.....	422
10.1.13.	LTE BAND 71 AND 5G NR n71	423
10.2.	FIELD STRENGTH OF SPURIOUS RADIATION, ANT2	426
10.2.1.	LTE BAND 7 AND 5G NR n7	427
10.2.2.	LTE BAND 12 AND 5G NR n12	430
10.2.3.	LTE BAND 13	433
10.2.4.	LTE BAND 14 AND 5G NR n14	435
10.2.5.	LTE BAND 17	438
10.2.6.	LTE BAND 25 AND 5G NR n25	440
10.2.7.	LTE BAND 26 AND 5G NR n26 (FCC PART 90S).....	443

10.2.8.	LTE BAND 26 AND 5G NR n26 (FCC PART 22)	445
10.2.9.	LTE BAND 30 AND 5G NR n30	448
10.2.10.	LTE BAND 41 AND 5G NR n41	450
10.2.11.	LTE BAND 66 AND 5G NR n66	453
10.2.12.	5G NR n70	455
10.2.13.	LTE BAND 71 AND 5G NR n71	456
10.3.	FIELD STRENGTH OF SPURIOUS RADIATION, ANT3	459
10.3.1.	LTE BAND 7 AND 5G NR n7	460
10.3.2.	LTE BAND 25 AND 5G NR n25	463
10.3.3.	LTE BAND 30 AND 5G NR n30	466
10.3.4.	LTE BAND 41 AND 5G NR n41	469
10.3.5.	LTE BAND 66 AND 5G NR n66	472
10.3.6.	5G NR n70	475
10.4.	FIELD STRENGTH OF SPURIOUS RADIATION, ANT4	476
10.4.1.	LTE BAND 7 AND 5G NR n7	477
10.4.2.	LTE BAND 25 AND 5G NR n25	480
10.4.3.	LTE BAND 30 AND 5G NR n30	483
10.4.4.	LTE BAND 41 AND 5G NR n41	486
10.4.5.	LTE BAND 66 AND 5G NR n66	489
10.4.6.	5G NR n70	492
10.4.7.	5G NR n77 (FCC Part 27 3450-3550MHz)	493
10.4.8.	5G NR n77 (FCC Part 27 3700-3980MHz)	494
10.5.	FIELD STRENGTH OF SPURIOUS RADIATION, ANT 7	495
10.5.1.	5G NR n77 (FCC Part 27 3450-3550MHz)	496
10.5.2.	5G NR n77 (FCC Part 27 3700-3980MHz)	497
10.6.	FIELD STRENGTH OF SPURIOUS RADIATION, ANT 8	499
10.6.1.	5G NR n77 (FCC Part 27 3450-3550MHz)	500
10.6.2.	5G NR n77 (FCC Part 27 3700-3980MHz)	501
10.7.	FIELD STRENGTH OF SPURIOUS RADIATION, ANT9	503
10.7.1.	5G NR n77 (FCC Part 27 3450-3550MHz)	504
10.7.2.	5G NR n77 (FCC Part 27 3700-3980MHz)	505
11.	SETUP PHOTOS	507

1. ATTESTATION OF TEST RESULTS

Applicant Name and Address	APPLE, INC 1 APPLE PARK WAY CUPERTINO, CA 95014, U.S.A.	
Model	A3212	
Brand	APPLE	
FCC ID	BCG-E8725A	
EUT Description	SMARTPHONE	
Serial Number	RADIATED: L52G6VJWHY, H2JTX20F2M, XF7DHWQKDG AND CONDUCTED: C07H9K000JE0000J57, C07H9K000HZ0000J57, C07H9K000JQ0000J57	
Sample Receipt Date	2024-05-17	
Date Tested	2024-05-17 to 2024-11-15	
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:
		
Dan Corona Operations Leader UL Verification Services Inc.	Eric Ting Senior Test Engineer UL Verification Services Inc.	Chris He Laboratory Engineer UL Verification Services Inc.

2. SUMMARY OF TEST RESULTS

This report contains data provided by the customer which can impact the validity of results. UL Verification Services Inc. is only responsible for 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	

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	

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			

5. DECISION RULES AND MEASUREMENT UNCERTAINTY

5.1. METROLOGICAL TRACEABILITY

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

5.2. DECISION RULES

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

5.3. MEASUREMENT UNCERTAINTY

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

PARAMETER	U _{Lab}
Conducted Antenna Port Emission Measurement	1.940 dB
Power Spectral Density	2.466 dB
Time Domain Measurements Using SA	3.39 %
RF Power Measurement Direct Method Using Power Meter	0.45 dB Avg, 1.30 dB Peak.
Radio Frequency (Spectrum Analyzer)	141.16 Hz
Occupied Bandwidth	1.22%
Worst Case Conducted Disturbance, 9KHz to 0.15 MHz	3.78 dB
Worst Case Conducted Disturbance, 0.15 to 30 MHz	3.40 dB
Worst Case Radiated Disturbance, 9KHz to 30 MHz	2.87 dB
Worst Case Radiated Disturbance, 30 to 1000 MHz	6.01 dB
Worst Case Radiated Disturbance, 1000 to 18000 MHz	4.73 dB
Worst Case Radiated Disturbance, 18000 to 26000 MHz	4.51 dB
Worst Case Radiated Disturbance, 26000 to 40000 MHz	5.29 dB

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

5.4. SAMPLE CALCULATION

RADIATED EMISSIONS

Where relevant, the following sample calculation is provided:

Field Strength (dBuV/m) = Measured Voltage (dBuV) + Antenna Factor (dB/m) + Cable Loss (dB) – Preamp Gain (dB)
36.5 dBuV + 18.7 dB/m + 0.6 dB – 26.9 dB = 28.9 dBuV/m

6. EQUIPMENT UNDER TEST

6.1. DESCRIPTION OF EUT

The Apple iPhone is a smartphone with cellular GSM, GPRS, EGPRS, WCDMA, LTE, 5G NR1, IEEE 802.11a/b/g/n/ac/ax, Bluetooth (BT), Global Positioning System (GPS), Near-Field Communication (NFC) 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

$$\text{ERP/EIRP} = \text{PMeas} + \text{GT} - \text{LC}$$

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:

LTE BAND 7

Part 27								
EIRP Limit (W)		2.00						
Antenna Gain (dBi) (Ant 3)		-1.30						
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (kHz)	Emission Designator
5.0	QPSK	2502.5	2567.5	25.20	23.90	0.245	4496	4M50G7W
	16QAM			24.20	22.90	0.195	4500	4M50D7W
10.0	QPSK	2505.0	2565.0	25.20	23.90	0.245	8982	8M98G7W
	16QAM			24.20	22.90	0.195	8983	8M98D7W
15.0	QPSK	2507.5	2562.5	25.20	23.90	0.245	13492	13M5G7W
	16QAM			24.19	22.89	0.195	13460	13M5D7W
20.0	QPSK	2510.0	2560.0	25.20	23.90	0.245	17908	17M9G7W
	16QAM			24.20	22.90	0.195	17932	17M9D7W

5G NR n7

Part 27								
EIRP Limit (W)		2.00						
Antenna Gain (dBi) (Ant 3)		-1.30						
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (kHz)	Emission Designator
5.0	BPSK	2502.5	2567.5	25.20	23.90	0.245	4480	4M48G7W
	QPSK			25.19	23.89	0.245	4466	4M47G7W
	16QAM			24.20	22.90	0.195	4481	4M48D7W
10.0	BPSK	2505.0	2565.0	25.20	23.90	0.245	8943	8M94G7W
	QPSK			25.17	23.87	0.244	8939	8M94G7W
	16QAM			24.06	22.76	0.189	8969	8M97D7W
15.0	BPSK	2507.5	2562.5	25.20	23.90	0.245	13403	13M4G7W
	QPSK			25.19	23.89	0.245	13406	13M4G7W
	16QAM			24.20	22.90	0.195	13437	13M4D7W
20.0	BPSK	2510.0	2560.0	25.20	23.90	0.245	17886	17M9G7W
	QPSK			25.16	23.86	0.243	17869	17M9G7W
	16QAM			24.16	22.86	0.193	17916	17M9D7W
25.0	BPSK	2512.5	2557.5	25.20	23.90	0.245	22861	22M9G7W
	QPSK			25.17	23.87	0.244	22837	22M8G7W
	16QAM			24.20	22.90	0.195	22922	22M9D7W
30.0	BPSK	2515.0	2555.0	25.20	23.90	0.245	28636	28M6G7W
	QPSK			25.14	23.84	0.242	28565	28M6G7W
	16QAM			24.13	22.83	0.192	28663	28M7D7W
35.0	BPSK	2517.5	2552.5	25.20	23.90	0.245	32179	32M2G7W
	QPSK			25.16	23.86	0.243	32118	32M1G7W
	16QAM			24.19	22.89	0.195	32219	32M2D7W
40.0	BPSK	2520.0	2550.0	25.20	23.90	0.245	38594	38M6G7W
	QPSK			25.18	23.88	0.244	38606	38M6G7W
	16QAM			24.13	22.83	0.192	38675	38M7D7W

LTE BAND 12

Part 27								
ERP Limit (W)		3.00						
Antenna Gain (dBi) (Ant 1)		-4.90						
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	ERP Average (dBm)	ERP Average (W)	99% BW (kHz)	Emission Designator
1.4	QPSK	699.7	715.3	25.70	18.65	0.073	1089	1M09G7W
	16QAM			24.69	17.64	0.058	1091	1M09D7W
3.0	QPSK	700.5	714.5	25.70	18.65	0.073	2689	2M69G7W
	16QAM			24.70	17.65	0.058	2692	2M69D7W
5.0	QPSK	701.5	713.5	25.70	18.65	0.073	4493	4M49G7W
	16QAM			24.69	17.64	0.058	4492	4M49D7W
10.0	QPSK	704.0	711.0	25.70	18.65	0.073	8971	8M97G7W
	16QAM			24.70	17.65	0.058	8970	8M97D7W

5G NR n12

Part 27								
ERP Limit (W)		3.00						
Antenna Gain (dBi) (Ant 1)		-4.90						
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	ERP Average (dBm)	ERP Average (W)	99% BW (kHz)	Emission Designator
5.0	BPSK	701.5	713.5	25.70	18.65	0.073	4480	4M48G7W
	QPSK			25.68	18.63	0.073	4465	4M47G7W
	16QAM			24.61	17.56	0.057	4474	4M47D7W
10.0	BPSK	704.0	711.0	25.70	18.65	0.073	8937	8M94G7W
	QPSK			25.69	18.64	0.073	8928	8M93G7W
	16QAM			24.63	17.58	0.057	8964	8M96D7W
15.0	BPSK	706.5	708.5	25.70	18.65	0.073	13401	13M4G7W
	QPSK			25.63	18.58	0.072	13400	13M4G7W
	16QAM			24.58	17.53	0.057	13446	13M4D7W

LTE BAND 13

Part 27								
ERP Limit (W)		3.00						
Antenna Gain (dBi) (Ant 1)		-4.80						
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	ERP Average (dBm)	ERP Average (W)	99% BW (kHz)	Emission Designator
5.0	QPSK	779.5	784.5	25.70	18.75	0.075	4503	4M50G7W
	16QAM			24.67	17.72	0.059	4490	4M49D7W
10.0	QPSK	782.0	782.0	25.70	18.75	0.075	8970	8M97G7W
	16QAM			24.70	17.75	0.060	8966	8M97D7W

LTE BAND 14

Part 90R								
ERP Limit (W)		3.00						
Antenna Gain (dBi) (Ant 1)		-4.80						
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	ERP Average (dBm)	ERP Average (W)	99% BW (kHz)	Emission Designator
5.0	QPSK	790.5	795.5	25.70	18.75	0.075	4505	4M51G7W
	16QAM			24.67	17.72	0.059	4498	4M50D7W
10.0	QPSK	793.0	793.0	25.70	18.75	0.075	8955	8M96G7W
	16QAM			24.65	17.70	0.059	8967	8M97D7W

5G NR n14

Part 90R								
ERP Limit (W)		3.00						
Antenna Gain (dBi) (Ant 1)		-4.80						
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	ERP Average (dBm)	ERP Average (W)	99% BW (kHz)	Emission Designator
5.0	BPSK	790.5	795.5	25.70	18.75	0.075	4482	4M48G7W
	QPSK			25.68	18.73	0.075	4464	4M46G7W
	16QAM			24.68	17.73	0.059	4483	4M48D7W
10.0	BPSK	793.0	793.0	25.70	18.75	0.075	8937	8M94G7W
	QPSK			25.67	18.72	0.074	8932	8M93G7W
	16QAM			24.47	17.52	0.056	8963	8M96D7W

LTE BAND 17

Part 27								
ERP Limit (W)		3.00						
Antenna Gain (dBi) (Ant 1)		-4.90						
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	ERP Average (dBm)	ERP Average (W)	99% BW (kHz)	Emission Designator
5.0	QPSK	706.5	713.5	25.70	18.65	0.073	4501	4M50G7W
	16QAM			24.67	17.62	0.058	4498	4M50D7W
10.0	QPSK	709.0	711.0	25.70	18.65	0.073	8969	8M97G7W
	16QAM			24.69	17.64	0.058	8960	8M96D7W

LTE BAND 25

Part 24								
EIRP Limit (W)		2.00						
Antenna Gain (dBi) (Ant 3)		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
1.4	QPSK	1850.7	1914.3	25.20	25.60	0.363	1094	1M09G7W
	16QAM			24.19	24.59	0.288	1091	1M09D7W
3.0	QPSK	1851.5	1913.5	25.20	25.60	0.363	2699	2M70G7W
	16QAM			24.18	24.58	0.287	2705	2M71D7W
5.0	QPSK	1852.5	1912.5	25.20	25.60	0.363	4502	4M50G7W
	16QAM			24.19	24.59	0.288	4496	4M50D7W
10.0	QPSK	1855.0	1910.0	25.20	25.60	0.363	9005	9M01G7W
	16QAM			24.19	24.59	0.288	8991	8M99D7W
15.0	QPSK	1857.5	1907.5	25.20	25.60	0.363	13470	13M5G7W
	16QAM			24.17	24.57	0.286	13491	13M5D7W
20.0	QPSK	1860.0	1905.0	25.20	25.60	0.363	17947	17M9G7W
	16QAM			24.20	24.60	0.288	17939	17M9D7W

5G NR n25

Part 24								
EIRP Limit (W)		2.00						
Antenna Gain (dBi) (Ant 3)		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	1852.5	1912.5	25.20	25.60	0.363	4483	4M48G7W
	QPSK			25.13	25.53	0.357	4467	4M47G7W
	16QAM			24.10	24.50	0.282	4477	4M48D7W
10.0	BPSK	1855.0	1910.0	25.20	25.60	0.363	8941	8M94G7W
	QPSK			25.18	25.58	0.361	8929	8M93G7W
	16QAM			24.09	24.49	0.281	8972	8M97D7W
15.0	BPSK	1857.5	1907.5	25.20	25.60	0.363	13401	13M4G7W
	QPSK			25.17	25.57	0.361	13399	13M4G7W
	16QAM			24.20	24.60	0.288	13442	13M4D7W
20.0	BPSK	1860.0	1905.0	25.20	25.60	0.363	17873	17M9G7W
	QPSK			25.19	25.59	0.362	17869	17M9G7W
	16QAM			24.08	24.48	0.281	17903	17M9D7W
25.0	BPSK	1862.5	1902.5	25.20	25.60	0.363	22857	22M9G7W
	QPSK			25.19	25.59	0.362	22831	22M8G7W
	16QAM			24.12	24.52	0.283	22911	22M9D7W
30.0	BPSK	1865.0	1900.0	25.20	25.60	0.363	28600	28M6G7W
	QPSK			25.15	25.55	0.359	28517	28M5G7W
	16QAM			24.17	24.57	0.286	28628	28M6D7W
35.0	BPSK	1867.5	1897.5	25.20	25.60	0.363	32151	32M2G7W
	QPSK			25.18	25.58	0.361	32084	32M1G7W
	16QAM			24.17	24.57	0.286	32164	32M2D7W
40.0	BPSK	1870.0	1895.0	25.20	25.60	0.363	38598	38M6G7W
	QPSK			25.17	25.57	0.361	38610	38M6G7W
	16QAM			24.15	24.55	0.285	38668	38M7D7W

LTE BAND 26 (FCC Part 90S)

Part 90S									
Conducted Limit (W)		100.00							
Antenna Gain (dBi) (Ant 1)		-4.50							
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	Conducted Average (W)	ERP Average (dBm)	ERP Average (W)	99% BW (kHz)	Emission Designator
1.4	QPSK	814.7	823.3	25.70	0.37	19.05	0.080	1090	1M09G7W
	16QAM			25.26	0.34	18.61	0.073	1089	1M09D7W
3.0	QPSK	815.5	822.5	25.70	0.37	19.05	0.080	2691	2M69G7W
	16QAM			24.70	0.30	18.05	0.064	2695	2M70D7W
5.0	QPSK	816.5	821.5	25.70	0.37	19.05	0.080	4482	4M48G7W
	16QAM			24.68	0.29	18.03	0.064	4485	4M49D7W
10.0	QPSK	819.0	819.0	25.70	0.37	19.05	0.080	8969	8M97G7W
	16QAM			24.66	0.29	18.01	0.063	8987	8M99D7W

5G NR n26 (FCC Part 90S)

Part 90S									
Conducted Limit (W)		100.00							
Antenna Gain (dBi) (Ant 1)		-4.50							
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	Conducted Average (W)	ERP Average (dBm)	ERP Average (W)	99% BW (kHz)	Emission Designator
5.0	BPSK	816.5	821.5	25.70	0.37	19.05	0.080	4480	4M48G7W
	QPSK			25.67	0.37	19.02	0.080	4464	4M46G7W
	16QAM			24.62	0.29	17.97	0.063	4476	4M48D7W
10.0	BPSK	819.0	819.0	25.70	0.37	19.05	0.080	8938	8M94G7W
	QPSK			25.67	0.37	19.02	0.080	8928	8M93G7W
	16QAM			24.49	0.28	17.84	0.061	8965	8M97D7W

LTE BAND 26 (FCC Part 22)

Part 22								
ERP Limit (W)		7.00						
Antenna Gain (dBi) (Ant 1)		-4.50						
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	ERP Average (dBm)	ERP Average (W)	99% BW (kHz)	Emission Designator
1.4	QPSK	824.7	848.3	25.70	19.05	0.080	1095	1M10G7W
	16QAM			24.70	18.05	0.064	1098	1M10D7W
3.0	QPSK	825.5	847.5	25.70	19.05	0.080	2698	2M70G7W
	16QAM			24.64	17.99	0.063	2698	2M70D7W
5.0	QPSK	826.5	846.5	25.70	19.05	0.080	4502	4M50G7W
	16QAM			24.64	17.99	0.063	4501	4M50D7W
10.0	QPSK	829.0	844.0	25.70	19.05	0.080	8992	8M99G7W
	16QAM			25.68	19.03	0.080	8991	8M99D7W

5G NR n26 (FCC Part 22)

Part 22								
ERP Limit (W)		7.00						
Antenna Gain (dBi) (Ant 1)		-4.50						
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	ERP Average (dBm)	ERP Average (W)	99% BW (kHz)	Emission Designator
5.0	BPSK	826.5	846.5	25.70	19.05	0.080	4479	4M48G7W
	QPSK			25.68	19.03	0.080	4467	4M47G7W
	16QAM			24.67	18.02	0.063	4481	4M48D7W
10.0	BPSK	829.0	844.0	25.70	19.05	0.080	8939	8M94G7W
	QPSK			25.68	19.03	0.080	8934	8M93G7W
	16QAM			24.61	17.96	0.063	8964	8M96D7W
15.0	BPSK	831.5	841.5	25.70	19.05	0.080	13395	13M4G7W
	QPSK			25.69	19.04	0.080	13402	13M4G7W
	16QAM			24.68	18.03	0.064	13443	13M4D7W
20.0	BPSK	834.0	839.0	25.70	19.05	0.080	17872	17M9G7W
	QPSK			25.63	18.98	0.079	17852	17M9G7W
	16QAM			24.64	17.99	0.063	17889	17M9D7W

LTE BAND 30

Part 27								
EIRP Limit (W)		0.25						
Antenna Gain (dBi) (Ant 3)		-1.50						
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (kHz)	Emission Designator
5.0	QPSK	2307.5	2312.5	25.00	23.50	0.224	4502	4M50G7W
	16QAM			24.19	22.69	0.186	4504	4M50D7W
10.0	QPSK	2310.0	2310.0	25.00	23.50	0.224	8989	8M99G7W
	16QAM			24.18	22.68	0.185	8997	9M00D7W

5G NR n30

Part 27								
EIRP Limit (W)		0.25						
Antenna Gain (dBi) (Ant 3)		-1.50						
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (kHz)	Emission Designator
5.0	BPSK	2307.5	2312.5	25.00	23.50	0.224	4483	4M48G7W
	QPSK			24.97	23.47	0.222	4467	4M47G7W
	16QAM			24.10	22.60	0.182	4475	4M48D7W
10.0	BPSK	2310.0	2310.0	25.00	23.50	0.224	8944	8M94G7W
	QPSK			24.95	23.45	0.221	8932	8M93G7W
	16QAM			24.20	22.70	0.186	8971	8M97D7W

LTE BAND 41

Part 27								
EIRP Limit (W)		2.00						
Antenna Gain (dBi) (Ant 3)		-0.90						
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (kHz)	Emission Designator
5.0	QPSK	2498.5	2687.5	28.00	27.10	0.513	4484	4M48G7W
	16QAM			27.00	26.10	0.407	4497	4M50D7W
10.0	QPSK	2501.0	2685.0	28.00	27.10	0.513	8979	8M98G7W
	16QAM			26.98	26.08	0.406	8970	8M97D7W
15.0	QPSK	2503.5	2682.5	28.00	27.10	0.513	13445	13M4G7W
	16QAM			26.99	26.09	0.406	13464	13M5D7W
20.0	QPSK	2506.0	2680.0	28.00	27.10	0.513	17900	17M9G7W
	16QAM			27.60	26.70	0.468	17928	17M9D7W

5G NR n41

Part 27								
EIRP Limit (W)		2.00						
Antenna Gain (dBi) (Ant 3)		-0.90						
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (kHz)	Emission Designator
10.0	BPSK	2501.0	2685.0	28.00	27.10	0.513	8636	8M64G7W
	QPSK			27.72	26.82	0.481	8580	8M58G7W
	16QAM			26.80	25.90	0.389	8629	8M63D7W
15.0	BPSK	2503.5	2682.5	28.00	27.10	0.513	12861	12M9G7W
	QPSK			27.98	27.08	0.511	12907	12M9G7W
	16QAM			26.80	25.90	0.389	12926	12M9D7W
20.0	BPSK	2506.5	2680.0	28.00	27.10	0.513	17877	17M9G7W
	QPSK			27.90	27.00	0.501	17856	17M9G7W
	16QAM			26.70	25.80	0.380	17936	17M9D7W
30.0	BPSK	2511.0	2675.0	28.00	27.10	0.513	26833	26M8G7W
	QPSK			27.77	26.87	0.486	26824	26M8G7W
	16QAM			26.93	26.03	0.401	26919	26M9D7W
40.0	BPSK	2516.0	2670.0	28.00	27.10	0.513	35760	35M8G7W
	QPSK			27.82	26.92	0.492	35703	35M7G7W
	16QAM			26.70	25.80	0.380	35816	35M8D7W
50.0	BPSK	2521.0	2665.0	28.00	27.10	0.513	45732	45M7G7W
	QPSK			27.74	26.84	0.483	45657	45M7G7W
	16QAM			26.71	25.81	0.381	45847	45M8D7W
60.0	BPSK	2526.0	2660.0	28.00	27.10	0.513	57965	58M0G7W
	QPSK			27.74	26.84	0.483	57763	57M8G7W
	16QAM			26.70	25.80	0.380	57993	58M0D7W
70.0	BPSK	2531.0	2655.0	28.00	27.10	0.513	64398	64M4G7W
	QPSK			27.82	26.92	0.492	64178	64M2G7W
	16QAM			26.79	25.89	0.388	64414	64M4D7W
80.0	BPSK	2536.0	2650.0	28.00	27.10	0.513	77244	77M2G7W
	QPSK			27.74	26.84	0.483	77205	77M2G7W
	16QAM			26.78	25.88	0.387	77322	77M3D7W
90.0	BPSK	2541.0	2645.0	28.00	27.10	0.513	86705	86M7G7W
	QPSK			27.96	27.06	0.508	86785	86M8G7W
	16QAM			26.98	26.08	0.406	86895	86M9D7W
100.0	BPSK	2546.0	2640.0	28.00	27.10	0.513	96334	96M3G7W
	QPSK			27.93	27.03	0.505	96375	96M4G7W
	16QAM			26.97	26.07	0.405	96552	96M6D7W

LTE BAND 66

Part 27								
EIRP Limit (W)		1.00						
Antenna Gain (dBi) (Ant 1)		-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
1.4	QPSK	1710.7	1779.3	25.70	25.30	0.339	1092	1M09G7W
	16QAM			24.69	24.29	0.269	1096	1M10D7W
3.0	QPSK	1711.5	1778.5	25.70	25.30	0.339	2704	2M70G7W
	16QAM			24.69	24.29	0.269	2702	2M70D7W
5.0	QPSK	1712.5	1777.5	25.70	25.30	0.339	4507	4M51G7W
	16QAM			24.70	24.30	0.269	4502	4M50D7W
10.0	QPSK	1715.0	1775.0	25.70	25.30	0.339	8967	8M97G7W
	16QAM			24.67	24.27	0.267	8980	8M98D7W
15.0	QPSK	1717.5	1772.5	25.70	25.30	0.339	13432	13M4G7W
	16QAM			24.65	24.25	0.266	13444	13M4D7W
20.0	QPSK	1720.0	1770.0	25.70	25.30	0.339	17875	17M9G7W
	16QAM			24.69	24.29	0.269	17901	17M9D7W

5G NR n66

Part 27								
EIRP Limit (W)		1.00						
Antenna Gain (dBi) (Ant 1)		-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	1712.5	1777.5	25.70	25.30	0.339	4481	4M48G7W
	QPSK			25.63	25.23	0.333	4465	4M47G7W
	16QAM			24.63	24.23	0.265	4481	4M48D7W
10.0	BPSK	1715.0	1775.0	25.70	25.30	0.339	8939	8M94G7W
	QPSK			25.62	25.22	0.333	8930	8M93G7W
	16QAM			24.68	24.28	0.268	8966	8M97D7W
15.0	BPSK	1717.5	1772.5	25.70	25.30	0.339	13405	13M4G7W
	QPSK			25.62	25.22	0.333	13396	13M4G7W
	16QAM			24.67	24.27	0.267	13445	13M4D7W
20.0	BPSK	1720.0	1770.0	25.70	25.30	0.339	17874	17M9G7W
	QPSK			25.68	25.28	0.337	17860	17M9G7W
	16QAM			24.69	24.29	0.269	17902	17M9D7W
25.0	BPSK	1722.5	1767.5	25.70	25.30	0.339	22852	22M9G7W
	QPSK			25.59	25.19	0.330	22819	22M8G7W
	16QAM			24.70	24.30	0.269	22909	22M9D7W
30.0	BPSK	1725.0	1765.0	25.70	25.30	0.339	28603	28M6G7W
	QPSK			25.66	25.26	0.336	28530	28M5G7W
	16QAM			24.69	24.29	0.269	28636	28M6D7W
35.0	BPSK	1727.5	1767.5	25.70	25.30	0.339	32128	32M1G7W
	QPSK			25.70	25.30	0.339	32097	32M1G7W
	16QAM			24.64	24.24	0.265	32188	32M2D7W
40.0	BPSK	1730.0	1760.0	25.70	25.30	0.339	38575	38M6G7W
	QPSK			25.64	25.24	0.334	38608	38M6G7W
	16QAM			24.50	24.10	0.257	38673	38M7D7W

5G NR n70

Part 27								
EIRP Limit (W)		1.00						
Antenna Gain (dBi) (Ant 1)		-1.80						
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (kHz)	Emission Designator
5.0	BPSK	1697.5	1707.5	25.70	23.90	0.245	4480	4M48G7W
	QPSK			25.60	23.80	0.240	4467	4M47G7W
	16QAM			24.63	22.83	0.192	4488	4M49D7W
10.0	BPSK	1700.0	1705.0	25.70	23.90	0.245	8940	8M94G7W
	QPSK			25.55	23.75	0.237	8937	8M94G7W
	16QAM			24.62	22.82	0.191	8968	8M97D7W
15.0	BPSK	1702.5	1702.5	25.70	23.90	0.245	13411	13M4G7W
	QPSK			25.40	23.60	0.229	13419	13M4G7W
	16QAM			24.47	22.67	0.185	13458	13M5D7W

LTE BAND 71

Part 27								
ERP Limit (W)		3.00						
Antenna Gain (dBi) (Ant 1)		-5.00						
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	ERP Average (dBm)	ERP Average (W)	99% BW (kHz)	Emission Designator
5.0	QPSK	665.5	695.5	25.70	18.55	0.072	4510	4M51G7W
	16QAM			24.69	17.54	0.057	4501	4M50D7W
10.0	QPSK	668.0	693.0	25.70	18.55	0.072	8974	8M97G7W
	16QAM			24.66	17.51	0.056	8989	8M99D7W
15.0	QPSK	670.5	690.5	25.70	18.55	0.072	13457	13M5G7W
	16QAM			24.69	17.54	0.057	13451	13M5D7W
20.0	QPSK	673.0	688.0	25.70	18.55	0.072	17907	17M9G7W
	16QAM			24.69	17.54	0.057	17898	17M9D7W

5G NR n71

Part 27								
ERP Limit (W)		3.00						
Antenna Gain (dBi) (Ant 1)		-5.00						
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	ERP Average (dBm)	ERP Average (W)	99% BW (kHz)	Emission Designator
5.0	BPSK	665.5	695.5	25.70	18.55	0.072	4481	4M48G7W
	QPSK			25.68	18.53	0.071	4466	4M47G7W
	16QAM			24.57	17.42	0.055	4489	4M49D7W
10.0	BPSK	668.0	693.0	25.70	18.55	0.072	8940	8M94G7W
	QPSK			25.61	18.46	0.070	8934	8M93G7W
	16QAM			24.66	17.51	0.056	8962	8M96D7W
15.0	BPSK	670.5	690.5	25.70	18.55	0.072	13416	13M4G7W
	QPSK			25.59	18.44	0.070	13414	13M4G7W
	16QAM			24.69	17.54	0.057	13453	13M5D7W
20.0	BPSK	673.0	688.0	25.70	18.55	0.072	17878	17M9G7W
	QPSK			25.60	18.45	0.070	17859	17M9G7W
	16QAM			24.67	17.52	0.056	17908	17M9D7W

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

Part 27								
EIRP Limit (W)		1.00						
Antenna Gain (dBi) (Ant 9)		-0.30						
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (kHz)	Emission Designator
10.0	BPSK	3455.0	3545.0	28.70	28.40	0.692	8613	8M61G7W
	QPSK			28.57	28.27	0.671	8584	8M58G7W
	16QAM			27.68	27.38	0.547	8635	8M64D7W
15.0	BPSK	3457.5	3542.5	28.70	28.40	0.692	12873	12M9G7W
	QPSK			28.69	28.39	0.690	12868	12M9G7W
	16QAM			27.59	27.29	0.536	12901	12M9D7W
20.0	BPSK	3460.0	3540.0	28.70	28.40	0.692	17879	17M9G7W
	QPSK			28.65	28.35	0.684	17860	17M9G7W
	16QAM			27.61	27.31	0.538	17926	17M9D7W
30.0	BPSK	3465.0	3535.0	28.70	28.40	0.692	26829	26M8G7W
	QPSK			28.68	28.38	0.689	26843	26M8G7W
	16QAM			27.53	27.23	0.528	26915	26M9D7W
40.0	BPSK	3470.0	3530.0	28.70	28.40	0.692	35769	35M8G7W
	QPSK			28.50	28.20	0.661	35753	35M8G7W
	16QAM			27.60	27.30	0.537	35831	35M8D7W
50.0	BPSK	3475.0	3525.0	28.70	28.40	0.692	45724	45M7G7W
	QPSK			28.60	28.30	0.676	45655	45M7G7W
	16QAM			27.62	27.32	0.540	45822	45M8D7W
60.0	BPSK	3480.0	3520.0	28.70	28.40	0.692	57928	57M9G7W
	QPSK			28.65	28.35	0.684	57755	57M8G7W
	16QAM			27.66	27.36	0.545	57970	58M0D7W
70.0	BPSK	3485.0	3515.0	28.70	28.40	0.692	64383	64M4G7W
	QPSK			28.70	28.40	0.692	64168	64M2G7W
	16QAM			27.66	27.36	0.545	64412	64M4D7W
80.0	BPSK	3490.0	3510.0	28.70	28.40	0.692	77205	77M2G7W
	QPSK			28.63	28.33	0.681	77196	77M2G7W
	16QAM			27.61	27.31	0.538	77348	77M3D7W
90.0	BPSK	3495.0	3505.0	28.70	28.40	0.692	86712	86M7G7W
	QPSK			28.54	28.24	0.667	86811	86M8G7W
	16QAM			27.65	27.35	0.543	86912	86M9D7W
100.0	BPSK	3500.0	3500.0	28.70	28.40	0.692	96333	96M3G7W
	QPSK			28.70	28.40	0.692	96453	96M5G7W
	16QAM			27.40	27.10	0.513	96584	96M6D7W

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

Part 27								
EIRP Limit (W)		1.00						
Antenna Gain (dBi) (Ant 9)		0.00						
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (kHz)	Emission Designator
10.0	BPSK	3705.0	3975.0	28.70	28.70	0.741	8610	8M61G7W
	QPSK			28.51	28.51	0.710	8578	8M58G7W
	16QAM			27.65	27.65	0.582	8587	8M59D7W
15.0	BPSK	3707.5	3972.5	28.70	28.70	0.741	12855	12M9G7W
	QPSK			28.68	28.68	0.738	12845	12M8G7W
	16QAM			27.52	27.52	0.565	12894	12M9D7W
20.0	BPSK	3710.0	3970.0	28.70	28.70	0.741	17845	17M8G7W
	QPSK			28.60	28.60	0.724	17864	17M9G7W
	16QAM			27.67	27.67	0.585	17936	17M9D7W
30.0	BPSK	3715.0	3965.0	28.70	28.70	0.741	26846	26M8G7W
	QPSK			28.67	28.67	0.736	26862	26M9G7W
	16QAM			27.70	27.70	0.589	26939	26M9D7W
40.0	BPSK	3720.0	3960.0	28.70	28.70	0.741	35764	35M8G7W
	QPSK			28.64	28.64	0.731	35844	35M8G7W
	16QAM			27.63	27.63	0.579	35875	35M9D7W
50.0	BPSK	3725.0	3955.0	28.70	28.70	0.741	45606	45M6G7W
	QPSK			28.51	28.51	0.710	45673	45M7G7W
	16QAM			27.68	27.68	0.586	45818	45M8D7W
60.0	BPSK	3730.0	3950.0	28.70	28.70	0.741	57869	57M9G7W
	QPSK			28.65	28.65	0.733	57831	57M8G7W
	16QAM			27.68	27.68	0.586	57777	57M8D7W
70.0	BPSK	3735.0	3945.0	28.70	28.70	0.741	64333	64M3G7W
	QPSK			28.69	28.69	0.740	64267	64M3G7W
	16QAM			27.54	27.54	0.568	64322	64M3D7W
80.0	BPSK	3740.0	3940.0	28.70	28.70	0.741	77184	77M2G7W
	QPSK			28.57	28.57	0.719	76952	77M0G7W
	16QAM			27.64	27.64	0.581	77261	77M3D7W
90.0	BPSK	3745.0	3935.0	28.70	28.70	0.741	86615	86M6G7W
	QPSK			28.61	28.61	0.726	86493	86M5G7W
	16QAM			27.55	27.55	0.569	86711	86M7D7W
100.0	BPSK	3750.0	3930.0	28.70	28.70	0.741	96310	96M3G7W
	QPSK			28.45	28.45	0.700	96231	96M2G7W
	16QAM			27.68	27.68	0.586	96190	96M2D7W

6.3. SOFTWARE AND FIRMWARE

The EUT firmware installed during testing was version 1.0.23.

6.4. MAXIMUM ANTENNA GAIN AND ERP/EIRP CALCULATIONS

The antenna(s) gain is provided by the manufacturer' are as follows:

LTE and 5G NR Bands	Frequency Range (MHz)	Antenna Gain (dBi)							Conducted Power (dBm)							ERP/EIRP (dBm)						
		ANT 1	ANT2	ANT3	ANT 4	ANT7	ANT 8	ANT 9	ANT 1	ANT2	ANT3	ANT 4	ANT7	ANT 8	ANT 9	ANT 1	ANT2	ANT3	ANT 4	ANT7	ANT 8	ANT 9
LTE Band 7	2500 – 2570	-2.6	-2.8	-1.3	-1.7				25.7	23.7	25.2	23.2				23.1	20.9	23.9	21.5			
5G NR n7		-2.6	-2.8	-1.3	-1.7				25.7	23.7	25.2	23.2				23.1	20.9	23.9	21.5			
LTE Band 12	699 – 716	-4.9	-6.5						25.7	24.7						18.65	16.05					
5G NR n12		-4.9	-6.5						25.7	24.7						18.65	16.05					
LTE Band 13	777 – 787	-4.8	-5.0						25.7	24.7						18.75	17.55					
LTE Band 14	788 – 798	-4.8	-5.0						25.7	24.7						18.75	17.55					
5G NR n14		-4.8	-5.0						25.7	24.7						18.75	17.55					
LTE Band 17	704 – 716	-4.9	-6.5						25.7	24.7						18.65	16.05					
LTE Band 25	1850 – 1915	-2.0	-1.1	0.4	-2.2				25.7	23.7	25.2	23.2				23.7	22.6	25.6	21			
5G NR n25		-2.0	-1.1	0.4	-2.2				25.7	23.7	25.2	23.2				23.7	22.6	25.6	21			
LTE Band 26	814 – 849	-4.5	-4.9						25.7	24.7						19.05	17.65					
5G NR n26		-4.5	-4.9						25.7	24.7						19.05	17.65					
LTE Band 30	2305 – 2315	-3.0	-2.7	-1.5	-0.9				25.7	23.7	25.0	23.2				22.7	21	23.5	22.3			
5G NR n30		-3.0	-2.7	-1.5	-0.9				25.7	23.7	25.0	23.2				22.7	21	23.5	22.3			
LTE Band 41	2490 – 2690	-2.5	-3.5	-0.9	-2.6				28.7	28.7	28	28				26.2	25.2	27.1	25.4			
5G NR n41		-2.5	-3.5	-0.9	-2.6				28.7	28.7	28	28				26.2	25.2	27.1	25.4			
LTE Band 66	1710 – 1780	-0.4	-2.8	0.1	-1.8				25.7	25.7	25.2	24.2				25.3	22.9	25.3	22.4			
5G NR n66		-0.4	-2.8	0.1	-1.8				25.7	25.7	25.2	24.2				25.3	22.9	25.3	22.4			
5G NR n70	1695 – 1710	-1.8	-2.8	-1.3	-2.1				25.7	25.7	25.2	24.2				23.9	22.9	23.9	22.1			
LTE Band 71	663 – 698	-5.0	-6.5						25.7	24.7						18.55	16.05					
5G NR n71		-5.0	-6.5						25.7	24.7						18.55	16.05					
5G NR n77	3450 – 3550				-1.5	-2.6	-5.4	-0.3				25	28.7	26.5	28.7				23.5	26.1	21.1	28.4
5G NR n77	3700 – 3980				-4.1	-5.0	-3.0	0.0				25	28.7	26.5	28.7				20.9	23.7	23.5	28.7

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 n48, 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 (824-849MHz) is covered by LTE Band 26 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.

For 5G NR n41 20MHz BW, antenna 2 and antenna 4 powers are higher than LTE band 41. Therefore, additional power measurements and occupied bandwidth tests were performed on antenna 2 and antenna 4 for 20MHz BW. Since LTE antenna 1 the highest output power of all (LTE band 41 and 5G NR n41) antennas, all other conducted tests for 20MHz BW were performed only on LTE antenna 1.

LTE and 5G NR Bands	Worst case Antenna Port for Conducted Power
LTE BAND 26 and 5G NR n5	Ant 1
LTE BAND 7 and 5G NR n7	
LTE BAND 12 and 5G NR n12	
LTE BAND 13	
LTE BAND 14 and 5G NR n14	
LTE Band 17	
LTE BAND 25 and 5G NR n25	
LTE BAND 30 and 5G NR n30	
LTE BAND 41	
LTE BAND 66 and 5G NR n66	
LTE BAND 71 and 5G NR n71	
5G NR n41	
5G NR n77 and 5G NR n78	Ant 9

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 exhibit the worst-case orientation for different frequency bands. The full tests of the EUT have made upon the orientations that shown in the table below.

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

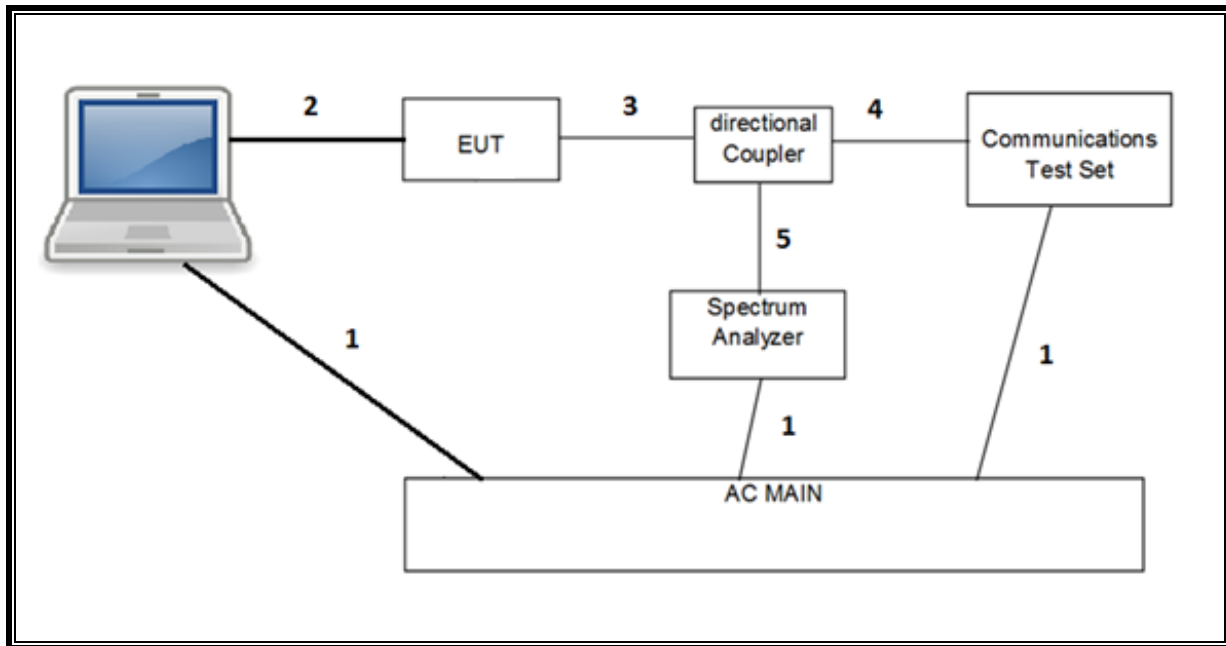
Radiated spurious emissions were investigated from 9kHz to 30MHz, 30MHz-1GHz and above 18GHz. There were no emissions found with less than 20dB of margin from 9kHz to 30MHz, 30MHz-1GHz and above 18GHz.

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

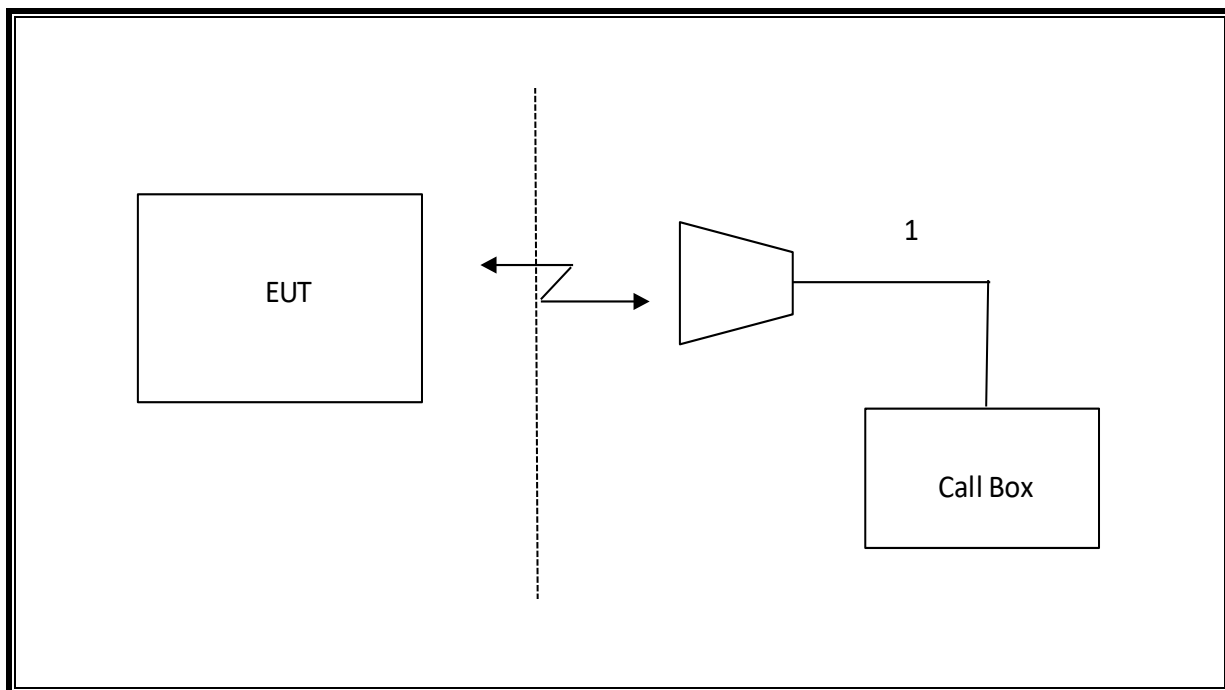
6.6. DESCRIPTION OF TEST SETUP

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

CONDUCTED SETUP



RADIATED SETUP



7. TEST AND MEASUREMENT EQUIPMENT

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

TEST EQUIPMENT LIST				
Description	Manufacturer	Model	Asset	Cal Due
Antenna, Horn 1-18GHz	ETS Lindgren	3117	81886	03/31/2025
RF Filter Box, 1-18GHz	UL-FR1	NA	168534	01/05/2024
EMI TEST RECEIVER	Rohde & Schwarz	Rohde & Schwarz	201501	02/28/2025
Antenna, Horn 1-18GHz	ETS Lindgren	3117	226671	02/28/2026
RF Filter Box, 1-18GHz	UL-FR1	NA	168535	02/28/2025
EMI TEST RECEIVER	Rohde & Schwarz	Rohde & Schwarz	223462	02/28/2025
Antenna, Horn 1-18GHz	ETS Lindgren	3117	226673	02/28/2025
RF Filter Box, 1-18GHz	UL-FR1	Frankenstein	231874	07/31/2025
EMI TEST RECEIVER	Rohde & Schwarz	ESW44	PRE0179372	02/28/2025
Antenna, Horn 1-18GHz	ETS-Lindgren	3117	230300 (3B)	01/30/2025
RF Filter Box, 1-18GHz	UL-FR1	Frankenstein	231875	11/30/2024
EMI TEST RECEIVER	Rohde & Schwarz	ESW44	170063	02/28/2025
Antenna, Horn 1-18GHz	ETS Lindgren	3117	226672	02/28/2025
RF Filter Box, 1-18GHz	UL-FR1	Frankenstein	231876	04/30/2025
EMI TEST RECEIVER	Rohde & Schwarz	ESW44	223459	02/28/2025
Antenna, Broadband Hybrid, 30MHz to 3000MHz	SUNAR	JB3	204045	04/30/2025
Antenna, Passive Loop 30Hz - 1MHz	ELECTRO-METRICS	EM-6871	170014	08/31/2025
Antenna, Passive Loop 100KHz - 30MHz	ELECTRO-METRICS	EM-6872	219910	05/31/2025
Amplifier, 10KHz to 1GHz, 32dB	Sonoma	310N	230307	04/30/2025
EMI TEST RECEIVER	Rohde & Schwarz	ESW44	170063	11/30/2024
EMI TEST RECEIVER	Rohde & Schwarz	ESW44	223459	02/28/2025
Directional Coupler	KRYTAR	152610	198817	10/03/2023
Directional Coupler	KRYTAR	152610	231664	02/22/2024
Power Meter, P-series single channel	Keysight	N1911A	90756	01/25/2024
Power Sensor, P - series, 50MHz to 18GHz, Wideband	Keysight	N1921A	90419	03/07/2024
Filter, HPF 1.2GHz	Wainwright Instruments GmbH	WHKX6-948-1.2/15G-40ST	99	
Spectrum Analyzer, PXA, 2Hz to 44GHz	Keysight	N9030B	231912	01/26/2024
Spectrum Analyzer, PXA, 2Hz to 44GHz	Keysight	N9030B	222072	02/02/2024
Spectrum Analyzer, PXA, 3Hz to 44GHz	Keysight	N9030A	85313	02/05/2024
Wideband Communication Test Set, Call Box	R&S GmbH & Co. KG	CMW500	231726	02/10/2024
Wideband Communication Test Set, Call Box	R&S GmbH & Co. KG	CMW500	222797	02/11/2024
Chamber, Environmental	Thermotron Corp.	SM-16C Mini-Max	82472	07/25/2024
Transmitting Antenna, Horn Antenna	TEKBOX Digital Solutions	TBMA4	226708	
Antenna, Horn 18 to 26.5GHz	A.R.A.	MWH-1826/B	199658	02/28/2025
*Amplifier 18-26.5GHz, +5Vdc, -54dBm P1dB	AMPLICAL	AMP18G26.5-60	221832	03/31/2025
DC Power Supply	GWINSTEK	GPS18500	N/A	
UL AUTOMATION SOFTWARE				
CLT Software	UL	UL RF		
Power Measurement Software	UL	UL RF		
Radiated test software	UL	UL RF		

NOTES:

1. * Testing is completed before equipment expiration date.

8. RF OUTPUT POWER MEASUREMENTS

CONDUCTED OUTPUT POWER MEASUREMENT PROCEDURE

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

For 5GNR, the EUT was set up for the maximum power using a control computer and link up with Spectrum Analyzer. Set the EUT to transmit to the designated channel frequency and record the power level shown on Spectrum Analyzer.

The following tests were conducted according to the test requirements outlined in section 6.2 of the 3GPP TS 36.101 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 TS 36.101.

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 following tests were conducted according to the test requirements outlined in section 6.2 of the 3GPP TS 38.521-1 specification.

The allowed MPR for SRS, PUCCH formats 0, 1, 3 and 4, and PRACH shall be as specified for QPSK modulated DFTs-

OFDM of equivalent RB allocation. The allowed MPR for PUCCH format 2 shall be as specified for QPSK modulated CP-OFDM of equivalent RB allocation.

Table 6.2.2.3-1: Maximum power reduction (MPR) for power class 3

Modulation		MPR (dB)		
		Edge RB allocations	Outer RB allocations	Inner RB allocations
DFT-s-OFDM	Pi/2 BPSK	$\leq 3.5^1$	$\leq 1.2^1$	$\leq 0.2^1$
		$\leq 0.5^2$		0^2
	Pi/2 BPSK w Pi/2 BPSK DMRS	$\leq 0.5^2$	0^2	
	QPSK	≤ 1		0
	16 QAM	≤ 2		≤ 1
	64 QAM	≤ 2.5		
	256 QAM	≤ 4.5		
CP-OFDM	QPSK	≤ 3		≤ 1.5
	16 QAM	≤ 3		≤ 2
	64 QAM	≤ 3.5		
	256 QAM	≤ 6.5		
NOTE 1: Applicable for UE operating in TDD mode with Pi/2 BPSK modulation and UE indicates support for UE capability <i>powerBoosting-pi2BPSK</i> and if the IE <i>powerBoostPi2BPSK</i> is set to 1 and 40 % or less slots in radio frame are used for UL transmission for bands n40, n41, n77, n78 and n79. The reference power of 0dB MPR is 26dBm.				
NOTE 2: Applicable for UE operating in FDD mode, or in TDD mode in bands other than n40, n41, n77, n78 and n79 with Pi/2 BPSK modulation and if the IE <i>powerBoostPi2BPSK</i> is set to 0 and if more than 40% of slots in radio frame are used for UL transmission for bands n40, n41, n77, n78 and n79.				

Table 6.2.2.3-2: Maximum power reduction (MPR) for power class 2

Modulation		MPR (dB)		
		Edge RB allocations	Outer RB allocations	Inner RB allocations
DFT-s-OFDM	Pi/2 BPSK	≤ 3.5	≤ 0.5	0
	QPSK	≤ 3.5	≤ 1	0
	16 QAM	≤ 3.5	≤ 2	≤ 1
	64 QAM	≤ 3.5	≤ 2.5	
	256 QAM	≤ 4.5		
CP-OFDM	QPSK	≤ 3.5	≤ 3	≤ 1.5
	16 QAM	≤ 3.5	≤ 3	≤ 2
	64 QAM	≤ 3.5		
	256 QAM	≤ 6.5		

The allowed A-MPR values specified below in Table 6.2.4.-1 of 3GPP TS 36.101 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	

The allowed A-MPR values specified below in Table 6.2.3.3.1-1 of 3GPP TS 38.521-1 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 6.2.3.3.1-1: Additional maximum power reduction (A-MPR)

Network signalling label	Requirements (subclause)	NR Band	Channel bandwidth (MHz)	Resources blocks (N_{RB})	A-MPR (dB)
NS_01		Table 5.2-1	5, 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100	Table 5.3.2-1	N/A
NS_03	6.5.2.3.3.3	n2, n25, n66, n70, n86			Clause 6.2.3.3.7
NS_03U	6.5.2.3.3.3, 6.5.2.4.2.3	n2, n25, n66, n86			Clause 6.2.3.3.7
NS_04	6.5.2.3.3.2, 6.5.3.3.3.1	n41	10, 15, 20, 40, 50, 60, 80, 90, 100		Clause 6.2.3.3.2

Example Plot For 5G NR Power Measurements



RESULTS

The EUT has different power levels for head use configuration and body use configuration. All measurements are made with the device operating at the highest average conducted output powers.

8.1. LTE BAND 7 AND 5G NR n7

LTE BAND 7

Test Engineer ID:	25780	Test Date:	2024-07-02
-------------------	-------	------------	------------

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
5.0	QPSK	1	0	2502.5	2535.0	2567.5	2502.5	2535.0	2567.5	2502.5	2535.0	2567.5	2502.5	2535.0	2567.5
		1	12	25.12	25.18	25.04	22.50	22.60	22.52	24.48	24.67	24.63	22.54	22.49	22.63
		1	24	25.17	24.98	24.91	22.63	22.40	22.47	24.43	24.64	24.41	22.61	22.48	22.52
		2	0	25.15	25.04	25.00	22.42	22.61	22.48	24.48	24.41	24.41	22.60	22.62	22.60
		2	0	25.66	25.66	25.63	23.14	23.11	23.08	25.08	25.14	25.13	23.08	23.17	23.08
		2	23	25.61	25.55	25.70	23.07	23.06	23.20	25.20	25.19	25.12	23.13	23.07	23.20
		12	0	24.52	24.52	24.58	22.17	22.18	22.10	24.07	24.07	24.10	22.01	22.07	21.92
		12	6	24.69	24.46	24.54	22.16	21.91	22.02	24.06	24.10	24.07	22.16	22.01	22.02
		12	11	24.57	24.53	24.58	21.91	22.06	22.09	24.03	24.03	24.08	22.09	22.03	22.11
		25	0	24.59	24.43	24.51	21.98	22.11	22.08	24.19	24.03	24.11	22.12	22.17	21.98
	16QAM	1	0	23.95	23.97	23.97	21.61	21.67	21.61	23.48	23.51	23.49	21.42	21.61	21.62
		1	12	24.00	24.10	23.92	21.44	21.47	21.62	23.53	23.64	23.47	21.55	21.54	21.68
		1	24	24.04	24.06	23.97	21.53	21.47	21.46	23.66	23.42	23.52	21.56	21.40	21.61
		2	0	24.67	24.69	24.69	22.14	22.16	22.10	24.15	24.09	24.11	22.09	22.10	22.17
		2	23	24.69	24.61	24.69	22.05	22.16	22.20	24.14	24.13	24.20	22.07	22.20	22.07
		12	0	23.46	23.68	23.63	20.96	20.90	21.01	23.17	22.95	22.93	20.90	21.04	21.20
		12	6	23.47	23.53	23.49	21.03	21.17	21.12	23.02	23.08	23.00	21.14	21.01	21.18
		12	11	23.46	23.43	23.44	21.19	21.11	21.01	23.15	22.98	23.18	20.98	20.91	21.01
		25	0	23.65	23.48	23.67	21.04	21.07	21.03	23.08	22.93	23.18	20.90	21.13	21.16
	64QAM	1	0	23.07	23.13	23.08	20.53	20.48	20.58	22.50	22.49	22.50	20.46	20.42	20.48
		1	12	23.09	23.11	23.01	20.58	20.58	20.52	22.47	22.68	22.40	20.42	20.64	20.65
		1	24	23.04	22.93	23.02	20.52	20.66	20.45	22.46	22.53	22.62	20.66	20.51	20.53
		2	0	23.66	23.70	23.67	21.13	21.11	21.15	23.13	23.18	23.15	21.19	21.19	21.10
		2	23	23.60	23.56	23.55	21.16	21.08	21.20	23.19	23.12	23.13	21.19	21.14	21.18
		12	0	22.67	22.69	22.64	20.12	20.06	20.07	22.20	21.97	22.09	20.20	20.10	20.18
		12	6	22.48	22.56	22.59	20.03	20.13	19.99	21.93	22.17	22.15	19.92	20.17	20.18
		12	11	22.50	22.68	22.67	20.11	19.97	20.07	22.09	22.13	22.13	20.03	20.15	19.99
		25	0	22.55	22.56	22.56	19.90	19.96	19.92	22.13	21.99	22.05	20.18	19.99	20.02
	256QAM	1	0	20.02	20.12	20.18	17.49	17.42	17.57	19.52	19.49	19.53	17.53	17.40	17.46
		1	12	20.11	19.93	20.00	17.43	17.49	17.53	19.49	19.50	19.47	17.54	17.56	17.40
		1	24	20.05	19.98	20.07	17.60	17.66	17.69	19.62	19.64	19.66	17.58	17.60	17.58
		2	0	20.55	20.59	20.57	18.10	18.20	18.13	20.19	20.05	20.07	18.06	18.09	18.15
		2	23	20.60	20.58	20.63	18.14	18.14	18.05	20.18	20.06	20.15	18.12	18.08	18.07
		12	0	20.70	20.60	20.60	18.14	18.16	17.90	20.20	20.08	19.98	18.19	18.07	17.91
		12	6	20.65	20.55	20.59	18.10	17.99	17.95	20.00	19.95	19.90	17.99	18.10	18.10
		12	11	20.66	20.67	20.43	17.99	18.12	17.92	20.18	20.19	19.94	18.17	18.10	18.03
		25	0	20.41	20.47	20.42	18.09	17.97	18.19	20.08	20.13	20.11	18.03	17.99	18.16

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
10.0	QPSK	1	0	2505.0	2535.0	2565.0	2505.0	2535.0	2565.0	2505.0	2535.0	2565.0	2505.0	2535.0	2565.0
		1	24	25.03	24.96	25.09	22.40	22.55	22.67	24.62	24.49	24.40	22.54	22.59	22.56
		1	49	25.18	25.18	25.03	22.59	22.55	22.60	24.69	24.63	24.52	22.45	22.47	22.51
		2	0	24.97	25.09	24.96	22.63	22.49	22.47	24.70	24.61	24.67	22.47	22.56	22.52
		2	0	25.67	25.64	25.70	23.16	23.18	23.09	25.19	25.13	25.11	23.12	23.18	23.20
		2	48	25.65	25.70	25.61	23.11	23.20	23.12	25.20	25.07	25.16	23.12	23.05	23.09
		25	0	24.50	24.59	24.47	22.01	22.00	22.10	23.91	24.17	23.91	22.04	22.04	22.04
		25	12	24.62	24.43	24.60	22.07	21.95	21.99	24.04	23.92	24.18	22.07	21.91	22.11
		25	24	24.70	24.47	24.49	22.03	22.00	21.92	24.11	23.93	24.08	22.03	22.02	22.00
		50	0	24.42	24.66	24.46	22.18	22.07	22.18	24.04	23.96	24.20	22.13	22.18	21.92
	16QAM	1	0	24.10	24.09	23.95	21.70	21.41	21.66	23.46	23.46	23.60	21.65	21.46	21.51
		1	24	24.05	23.96	23.94	21.67	21.67	21.42	23.54	23.68	23.47	21.59	21.66	21.67
		1	49	24.17	23.99	24.15	21.55	21.70	21.66	23.70	23.69	23.65	21.57	21.41	21.47
		2	0	24.61	24.61	24.68	22.18	22.20	22.12	24.10	24.20	24.09	22.15	22.12	22.15
		2	48	24.67	24.56	24.59	22.13	22.08	22.20	24.19	24.10	24.20	22.06	22.18	22.08
		25	0	23.57	23.51	23.55	21.03	20.94	21.15	23.18	22.91	23.15	21.03	21.08	21.16
		25	12	23.69	23.53	23.53	21.18	20.99	21.17	23.17	23.12	23.07	20.96	20.98	20.93
		25	24	23.63	23.54	23.51	21.19	21.10	20.96	22.90	22.91	23.14	21.16	21.08	21.07
		50	0	23.60	23.41	23.43	21.20	21.18	20.97	22.96	23.12	22.92	20.98	20.95	21.10
		1	0	23.02	23.15	23.08	20.42	20.67	20.40	22.64	22.58	22.63	20.54	20.44	20.61
	64QAM	1	24	23.18	23.18	23.05	20.42	20.49	20.68	22.57	22.52	22.56	20.67	20.65	20.64
		1	49	22.90	23.14	23.11	20.46	20.61	20.63	22.64	22.47	22.70	20.64	20.53	20.55
		2	0	23.59	23.65	23.56	21.09	21.05	21.12	23.16	23.18	23.08	21.19	21.16	21.13
		2	48	23.63	23.55	23.66	21.07	21.14	21.18	23.18	23.19	23.11	21.13	21.15	21.13
		25	0	22.64	22.46	22.65	20.02	20.12	20.20	22.09	22.13	22.16	19.91	20.16	20.13
		25	12	22.55	22.57	22.54	20.17	19.90	20.13	22.11	21.94	21.93	20.08	20.08	19.92
		25	24	22.55	22.68	22.40	19.97	19.94	20.17	22.08	22.18	22.04	20.19	19.96	20.07
		50	0	22.58	22.48	22.48	20.09	20.18	19.99	22.05	21.96	22.17	20.00	20.00	20.01
		1	0	20.20	20.10	20.03	17.68	17.58	17.40	19.57	19.48	19.58	17.43	17.41	17.58
		1	24	19.91	20.18	19.95	17.42	17.40	17.46	19.41	19.50	19.69	17.60	17.46	17.51
	256QAM	1	49	20.11	20.02	19.91	17.42	17.53	17.63	19.68	19.40	19.43	17.57	17.69	17.43
		2	0	20.68	20.60	20.60	18.08	18.09	18.15	20.18	20.15	20.14	18.07	18.20	18.12
		2	48	20.63	20.68	20.55	18.09	18.10	18.06	20.11	20.16	20.19	18.20	18.13	18.06
		25	0	20.64	20.69	20.64	18.04	17.94	18.02	20.20	20.17	19.96	18.10	18.05	18.09
		25	12	20.40	20.66	20.43	18.08	18.16	17.91	20.17	20.10	20.02	18.11	18.09	18.13
		25	24	20.46	20.44	20.58	18.07	18.08	18.06	20.04	20.05	20.02	17.95	17.90	18.08
		50	0	20.59	20.64	20.56	18.19	18.19	18.06	20.15	19.97	20.00	18.02	18.15	18.04

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 2507.5	21100 2535.0	21375 2562.5	20825 2507.5	21100 2535.0	21375 2562.5	20825 2507.5	21100 2535.0	21375 2562.5	20825 2507.5	21100 2535.0	21375 2562.5
15.0	QPSK	1	0	25.11	24.98	25.01	22.69	22.40	22.53	24.68	24.46	24.65	22.60	22.70	22.51
		1	37	24.97	25.17	25.11	22.70	22.43	22.54	24.64	24.43	24.40	22.51	22.70	22.42
		1	74	24.98	24.97	25.16	22.60	22.45	22.40	24.57	24.59	24.49	22.48	22.43	22.44
		2	0	25.68	25.70	25.55	23.05	23.07	23.20	25.20	25.07	25.09	23.08	23.17	23.15
		2	73	25.58	25.69	25.59	23.18	23.18	23.09	25.10	25.18	25.15	23.10	23.10	23.20
		36	0	24.52	24.60	24.58	22.09	22.11	21.96	24.00	24.13	23.92	21.94	22.13	22.00
		36	16	24.64	24.62	24.41	22.09	22.12	22.10	23.99	24.11	23.95	22.07	22.08	22.15
		36	35	24.67	24.41	24.53	22.18	21.99	22.00	24.11	23.94	23.93	22.10	22.06	21.97
		75	0	24.40	24.63	24.44	22.15	21.99	22.09	23.90	23.92	24.07	22.20	22.20	21.97
		16QAM	1	0	23.93	24.13	23.91	21.40	21.58	21.61	23.63	23.46	23.48	21.47	21.49
	1		37	24.17	23.93	23.93	21.58	21.51	21.65	23.48	23.48	23.41	21.51	21.60	21.52
	1		74	24.13	24.19	24.03	21.69	21.68	21.54	23.53	23.55	23.48	21.53	21.53	21.46
	2		0	24.70	24.66	24.61	22.17	22.17	22.10	24.13	24.09	24.19	22.05	22.12	22.07
	2		73	24.61	24.58	24.57	22.17	22.11	22.11	24.05	24.18	24.13	22.13	22.16	22.12
	36		0	23.42	23.64	23.55	21.11	21.16	21.07	23.04	22.96	23.12	20.90	21.14	21.14
	36		16	23.51	23.67	23.54	21.12	20.94	21.09	22.96	23.10	23.13	21.10	21.00	21.00
	36		35	23.68	23.59	23.59	21.18	20.94	20.90	22.90	23.02	23.02	21.08	21.06	20.96
	75		0	23.63	23.53	23.65	21.17	21.13	21.04	22.94	23.11	22.96	21.12	21.10	20.92
	64QAM	1	0	23.00	22.96	22.91	20.50	20.67	20.62	22.43	22.67	22.60	20.51	20.46	20.44
		1	37	22.99	23.02	22.98	20.59	20.66	20.42	22.46	22.46	22.54	20.61	20.63	20.57
		1	74	23.05	22.98	23.01	20.40	20.52	20.40	22.45	22.45	22.46	20.69	20.49	20.66
		2	0	23.68	23.58	23.59	21.20	21.09	21.17	23.05	23.12	23.05	21.11	21.08	21.09
		2	73	23.61	23.56	23.66	21.17	21.15	21.19	23.16	23.14	23.11	21.12	21.16	21.10
		36	0	22.64	22.50	22.56	19.98	19.90	19.95	22.19	21.99	22.11	19.97	19.99	20.17
		36	16	22.66	22.56	22.46	20.16	20.12	20.17	22.01	22.04	22.12	20.13	19.99	19.96
		36	35	22.41	22.49	22.56	20.03	20.09	20.10	22.16	21.93	22.06	19.93	20.15	19.95
		75	0	22.47	22.55	22.70	19.90	20.19	20.10	22.11	21.94	21.99	19.91	19.92	20.15
	256QAM	1	0	20.17	20.20	20.15	17.55	17.48	17.62	19.60	19.51	19.63	17.40	17.60	17.62
		1	37	20.07	19.97	20.02	17.67	17.47	17.47	19.66	19.61	19.60	17.64	17.42	17.63
		1	74	20.12	20.19	20.12	17.41	17.67	17.40	19.51	19.55	19.52	17.67	17.61	17.54
		2	0	20.64	20.58	20.68	18.12	18.08	18.07	20.10	20.06	20.05	18.18	18.16	18.18
		2	73	20.58	20.63	20.57	18.07	18.15	18.05	20.16	20.14	20.18	18.20	18.12	18.18
		36	0	20.56	20.62	20.43	18.15	18.11	18.00	20.16	19.93	19.93	17.96	18.01	17.99
36		16	20.65	20.50	20.46	17.91	17.95	17.98	20.17	20.16	20.03	18.06	18.15	18.17	
36		35	20.60	20.48	20.55	18.19	17.94	17.98	20.19	20.20	20.12	17.98	18.03	17.99	
75		0	20.45	20.44	20.67	18.12	18.01	17.91	20.16	20.17	20.18	17.91	17.93	18.15	

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
20.0	QPSK	1	0	25.14	24.93	25.00	22.40	22.47	22.54	24.66	24.43	24.40	22.49	22.46	22.66
		1	49	25.10	25.00	25.02	22.58	22.59	22.48	24.54	24.52	24.53	22.49	22.60	22.59
		1	99	24.93	25.07	24.92	22.57	22.41	22.63	24.45	24.56	24.59	22.45	22.46	22.69
		2	0	25.57	25.66	25.65	23.16	23.18	23.08	25.13	25.09	25.17	23.16	23.15	23.10
		2	98	25.61	25.69	25.70	23.20	23.05	23.20	25.08	25.20	25.09	23.20	23.13	23.18
		50	0	24.45	24.66	24.57	22.11	22.19	21.92	23.90	24.10	23.94	22.07	22.20	22.14
		50	24	24.62	24.42	24.60	22.01	22.03	22.07	24.06	24.03	24.12	22.06	22.00	21.96
		50	49	24.46	24.42	24.65	22.09	21.94	22.13	23.95	23.90	23.94	22.08	21.92	22.04
		100	0	24.68	24.44	24.56	22.03	21.97	22.01	24.14	24.14	24.14	22.12	21.90	21.98
		1	0	24.13	24.20	24.16	21.62	21.70	21.51	23.68	23.58	23.47	21.48	21.68	21.61
	16QAM	1	49	23.94	23.97	23.92	21.51	21.55	21.48	23.51	23.42	23.62	21.47	21.63	21.51
		1	99	24.20	24.02	24.18	21.68	21.62	21.50	23.58	23.61	23.41	21.51	21.54	21.53
		2	0	24.59	24.60	24.70	22.10	22.11	22.08	24.20	24.18	24.12	22.12	22.15	22.09
		2	98	24.68	24.70	24.60	22.14	22.12	22.08	24.10	24.08	24.19	22.13	22.07	22.19
		50	0	23.54	23.59	23.69	21.06	21.19	21.04	23.13	23.06	23.04	20.96	20.93	21.10
		50	24	23.48	23.65	23.69	21.02	21.14	20.99	23.09	23.02	22.98	21.11	21.03	21.19
		50	49	23.43	23.63	23.65	21.16	21.12	21.04	22.90	22.94	22.92	21.14	21.05	21.19
		100	0	23.62	23.41	23.43	21.11	20.96	21.16	23.09	23.19	23.07	21.15	21.14	20.90
		1	0	23.07	23.12	23.07	20.47	20.68	20.49	22.47	22.58	22.58	20.51	20.62	20.70
		1	49	23.05	23.16	22.90	20.44	20.70	20.40	22.61	22.56	22.64	20.67	20.41	20.61
	64QAM	1	99	23.08	23.06	23.20	20.47	20.42	20.53	22.63	22.62	22.61	20.58	20.67	20.57
		2	0	23.61	23.70	23.63	21.12	21.08	21.10	23.18	23.19	23.19	21.07	21.17	21.17
		2	98	23.59	23.68	23.63	21.06	21.18	21.19	23.11	23.11	23.17	21.10	21.12	21.14
		50	0	22.61	22.48	22.65	20.04	20.03	20.15	22.06	21.92	21.92	20.03	20.01	20.14
		50	24	22.66	22.67	22.64	20.08	20.04	20.19	21.91	21.93	22.07	20.17	20.19	20.12
		50	49	22.66	22.40	22.59	19.96	20.14	19.96	21.96	22.02	22.07	20.05	20.10	20.10
		100	0	22.54	22.54	22.57	20.08	20.10	20.05	22.11	22.10	22.12	19.90	19.97	19.96
		1	0	20.17	20.14	19.97	17.70	17.44	17.64	19.60	19.47	19.52	17.43	17.42	17.52
		1	49	19.98	20.04	20.18	17.49	17.64	17.63	19.44	19.60	19.52	17.44	17.49	17.43
		1	99	20.06	20.00	20.11	17.63	17.70	17.66	19.51	19.66	19.44	17.68	17.60	17.63
	256QAM	2	0	20.68	20.60	20.58	18.11	18.16	18.11	20.11	20.19	20.13	18.13	18.11	18.15
		2	98	20.64	20.63	20.63	18.06	18.20	18.09	20.05	20.05	20.19	18.06	18.05	18.14
		50	0	20.51	20.46	20.45	18.14	18.13	17.91	20.02	20.09	20.03	18.17	18.05	18.17
		50	24	20.49	20.52	20.55	17.94	18.04	18.14	20.15	20.18	20.01	18.20	18.08	18.17

5G NR n7

Test Engineer ID:	28498	Test Date:	2024-07-25
-------------------	-------	------------	------------

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
5.0	BPSK	1	0	2502.5	2535.0	2567.5	2502.5	2535.0	2567.5	2502.5	2535.0	2567.5	2502.5	2535.0	2567.5
		1	1	24.60	24.48	24.57	22.00	22.01	22.05	24.08	24.15	23.91	21.90	21.90	22.19
		1	1	25.01	25.07	25.07	22.58	22.60	22.51	24.41	24.53	24.57	22.68	22.65	22.68
		1	23	25.10	25.20	25.16	22.40	22.55	22.43	24.43	24.50	24.51	22.53	22.43	22.46
		1	24	24.53	24.66	24.64	22.11	22.14	21.99	24.16	24.04	24.05	22.16	22.20	22.02
		12	6	25.70	25.70	25.70	23.20	23.20	23.20	25.20	25.20	25.20	23.20	23.20	23.20
	QPSK	25	0	25.15	25.01	24.99	22.56	22.52	22.70	24.55	24.40	24.51	22.66	22.60	22.42
		1	0	23.99	24.07	23.99	21.68	21.56	21.57	23.41	23.42	23.62	21.51	21.56	21.64
		1	1	25.10	25.11	25.00	22.55	22.41	22.57	24.50	24.48	24.44	22.46	22.51	22.49
		1	23	25.03	24.94	25.10	22.63	22.57	22.50	24.54	24.70	24.53	22.53	22.51	22.43
		1	24	24.06	23.91	24.06	21.56	21.49	21.64	23.60	23.45	23.57	21.61	21.52	21.42
		12	6	25.65	25.67	25.64	23.11	23.13	23.12	25.14	25.19	25.14	23.13	23.14	23.11
	16QAM	25	0	24.64	24.61	24.47	22.03	21.95	21.93	24.07	24.00	24.20	21.92	22.14	22.04
		1	0	23.12	23.04	23.01	20.46	20.47	20.51	22.45	22.40	22.59	20.54	20.42	20.64
		1	1	24.05	24.03	23.96	21.58	21.53	21.44	23.41	23.56	23.64	21.66	21.56	21.69
		1	23	23.97	23.93	24.00	21.67	21.62	21.54	23.58	23.45	23.47	21.68	21.42	21.43
		1	24	23.04	23.03	23.09	20.58	20.54	20.60	22.58	22.56	22.53	20.40	20.70	20.40
		12	6	24.57	24.46	24.46	21.93	22.06	22.19	24.20	24.14	24.06	22.09	22.13	22.16
	64QAM	25	0	23.58	23.61	23.60	20.92	20.95	21.16	23.07	22.91	23.07	21.19	21.06	21.01
		1	0	22.62	22.59	22.40	20.19	20.12	20.02	22.07	21.90	22.10	20.09	20.19	20.00
		1	1	22.48	22.50	22.45	19.92	19.93	20.03	22.02	22.02	22.20	20.02	20.00	20.03
		1	23	22.69	22.59	22.63	20.19	20.06	19.98	22.08	21.95	21.92	20.13	20.14	20.03
		1	24	22.67	22.65	22.52	20.09	20.15	19.90	21.92	21.92	21.95	20.15	20.00	20.20
		12	6	23.01	22.98	22.91	20.49	20.49	20.68	22.67	22.45	22.48	20.69	20.59	20.66
	256QAM	25	0	23.20	22.93	22.98	20.43	20.60	20.44	22.54	22.65	22.45	20.66	20.43	20.59
		1	0	20.45	20.56	20.54	18.04	18.20	18.04	20.14	19.98	20.14	18.08	17.91	18.18
		1	1	20.58	20.54	20.42	18.11	17.94	18.12	20.14	20.12	20.08	17.91	18.07	18.14
		1	23	20.44	20.54	20.58	18.04	18.12	18.03	20.10	20.07	20.05	17.95	18.05	18.16
		1	24	20.68	20.65	20.66	17.99	17.98	18.05	19.93	19.99	20.13	18.13	18.09	17.92
		12	6	21.19	20.91	21.15	18.60	18.66	18.51	20.42	20.52	20.67	18.60	18.41	18.49
		25	0	21.11	20.98	21.20	18.47	18.48	18.58	20.67	20.44	20.42	18.46	18.51	18.51

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
10.0	BPSK	1	0	2505.0	2535.0	2565.0	2505.0	2535.0	2565.0	2505.0	2535.0	2565.0	2505.0	2535.0	2565.0
		1	1	24.56	24.44	24.57	21.98	22.12	22.05	24.18	24.01	23.98	22.18	22.02	21.90
		1	1	25.04	24.97	25.03	22.63	22.67	22.67	24.56	24.53	24.57	22.59	22.65	22.59
		1	50	25.08	25.18	25.17	22.64	22.58	22.65	24.41	24.42	24.54	22.63	22.64	22.53
		1	51	24.69	24.41	24.50	22.07	22.02	22.15	24.05	24.14	23.95	22.08	22.07	22.05
		25	12	25.70	25.70	25.70	23.20	23.20	23.20	25.20	25.20	25.20	23.20	23.20	23.20
	QPSK	50	0	25.16	25.08	25.08	22.58	22.68	22.47	24.50	24.69	24.46	22.68	22.51	22.46
		1	0	23.94	24.20	24.07	21.64	21.41	21.53	23.64	23.43	23.48	21.65	21.57	21.69
		1	1	25.11	24.94	25.11	22.58	22.66	22.45	24.67	24.67	24.54	22.49	22.57	22.52
		1	50	25.05	25.01	25.17	22.63	22.69	22.52	24.40	24.47	24.67	22.50	22.67	22.68
		1	51	23.94	24.19	23.99	21.69	21.47	21.47	23.62	23.66	23.61	21.48	21.60	21.47
		25	12	25.61	25.69	25.67	23.10	23.13	23.17	25.16	25.15	25.17	23.12	23.13	23.17
	16QAM	50	0	24.70	24.63	24.54	21.97	21.91	22.12	23.97	23.94	24.13	22.13	21.98	22.19
		1	0	23.20	23.04	22.97	20.59	20.69	20.41	22.42	22.48	22.67	20.57	20.56	20.42
		1	1	24.09	24.01	24.04	21.44	21.60	21.68	23.60	23.62	23.66	21.65	21.42	21.56
		1	50	24.20	23.99	24.19	21.70	21.61	21.64	23.48	23.66	23.51	21.53	21.66	21.45
		1	51	23.17	23.14	22.98	20.68	20.58	20.51	22.66	22.63	22.66	20.44	20.53	20.43
		25	12	24.62	24.66	24.46	22.09	22.03	21.99	24.01	23.90	24.06	21.98	22.12	21.90
	64QAM	50	0	23.45	23.44	23.46	21.11	21.16	21.02	23.18	22.94	23.20	20.99	21.02	21.09
		1	0	22.59	22.65	22.53	20.06	19.93	20.00	21.98	21.94	22.20	20.17	20.10	20.17
		1	1	22.64	22.58	22.60	20.19	20.00	20.18	22.17	22.15	22.02	20.04	20.17	20.05
		1	50	22.55	22.67	22.45	20.07	20.10	19.94	22.01	22.12	22.00	20.14	19.97	19.91
		1	51	22.45	22.43	22.69	20.15	20.13	20.09	22.19	21.99	21.90	19.96	20.09	19.93
		25	12	23.10	23.17	23.13	20.40	20.58	20.46	22.67	22.40	22.59	20.42	20.43	20.59
	256QAM	50	0	23.17	23.20	23.00	20.70	20.59	20.67	22.64	22.52	22.57	20.64	20.51	20.47
		1	0	20.47	20.56	20.46	18.12	18.12	18.19	20.15	20.06	20.08	17.94	18.19	17.98
		1	1	20.68	20.57	20.70	18.17	18.05	17.97	20.08	20.11	19.91	18.07	18.00	18.12
		1	50	20.67	20.41	20.62	18.11	18.03	18.04	19.92	20.19	19.97	17.97	17.90	18.12
		1	51	20.53	20.66	20.69	18.07	18.00	18.18	20.08	20.14	19.99	18.07	17.95	18.13
		25	12	20.96	21.14	20.91	18.54	18.41	18.42	20.58	20.63	20.46	18.45	18.64	18.61
		50	0	21.04	21.03	21.18	18.50	18.59	18.57	20.46	20.59	20.42	18.66	18.42	18.40

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
15.0	BPSK	1	0	2507.5	2535.0	2562.5	2507.5	2535.0	2562.5	2507.5	2535.0	2562.5	2507.5	2535.0	2562.5
		1	1	24.41	24.45	24.53	22.05	21.99	22.11	23.98	24.04	24.04	22.18	22.04	21.98
		1	77	25.02	25.10	25.01	22.40	22.54	22.57	24.54	24.47	24.58	22.45	22.67	22.51
		1	78	24.94	25.02	25.05	22.56	22.45	22.57	24.41	24.55	24.61	22.67	22.56	22.60
		1	78	24.40	24.52	24.63	21.96	22.13	21.98	24.00	24.03	23.90	21.92	22.13	21.95
		36	18	25.70	25.70	25.70	23.20	23.20	23.20	25.20	25.20	25.20	23.20	23.20	23.20
		75	0	25.00	25.06	25.16	22.56	22.56	22.52	24.65	24.70	24.59	22.54	22.66	22.53
		1	0	24.03	23.93	24.19	21.43	21.59	21.63	23.53	23.61	23.65	21.48	21.44	21.40
		1	1	25.18	24.94	25.09	22.66	22.46	22.63	24.40	24.62	24.69	22.69	22.62	22.62
	QPSK	1	77	24.99	25.14	25.13	22.48	22.49	22.45	24.66	24.44	24.51	22.46	22.54	22.44
		1	78	23.96	24.12	24.10	21.68	21.58	21.40	23.66	23.56	23.47	21.43	21.45	21.61
		36	18	25.63	25.64	25.65	23.14	23.13	23.14	25.12	25.16	25.19	23.19	23.10	23.16
		75	0	24.68	24.52	24.67	22.11	21.91	22.11	24.19	23.98	24.20	22.12	22.19	21.97
		1	0	23.15	22.93	22.90	20.69	20.51	20.58	22.64	22.56	22.61	20.69	20.60	20.54
		1	1	24.20	23.94	24.00	21.66	21.43	21.42	23.70	23.57	23.64	21.56	21.68	21.43
		1	77	24.00	24.15	24.14	21.40	21.51	21.50	23.66	23.67	23.42	21.52	21.50	21.42
		1	78	23.18	23.04	23.03	20.54	20.61	20.45	22.66	22.64	22.63	20.40	20.64	20.42
		36	18	24.46	24.56	24.70	22.09	22.04	22.16	24.20	24.00	24.01	22.17	22.05	22.19
	16QAM	75	0	23.47	23.65	23.48	20.91	20.99	21.01	22.91	23.14	23.12	20.92	20.92	20.94
		1	0	22.61	22.51	22.55	19.97	19.99	20.19	21.99	22.17	22.09	19.91	19.94	20.16
		1	1	22.69	22.68	22.51	20.04	19.96	20.04	22.15	22.13	22.17	20.02	19.97	20.16
		1	77	22.49	22.69	22.47	19.95	20.12	20.19	21.93	22.20	22.01	20.01	20.18	20.08
		1	78	22.43	22.64	22.63	20.10	20.09	20.07	22.03	22.02	21.99	19.99	20.17	20.17
		36	18	23.03	22.96	23.05	20.49	20.57	20.61	22.47	22.64	22.67	20.42	20.62	20.51
		75	0	23.13	23.07	22.93	20.46	20.44	20.41	22.41	22.60	22.41	20.55	20.68	20.45
		1	0	20.45	20.44	20.67	18.06	18.16	18.18	20.07	20.20	19.96	17.96	17.95	17.96
		1	1	20.48	20.43	20.68	17.90	18.01	17.96	20.10	19.98	20.07	18.06	18.13	17.95
	64QAM	1	77	20.47	20.54	20.69	18.17	18.10	18.15	19.94	20.17	19.96	18.01	17.95	18.20
		1	78	20.61	20.67	20.67	18.20	18.20	18.11	20.12	20.13	20.12	18.14	17.99	18.00
		36	18	21.07	21.04	21.08	18.40	18.60	18.56	20.60	20.62	20.67	18.59	18.46	18.40
		75	0	20.96	21.18	21.09	18.69	18.40	18.52	20.40	20.60	20.50	18.46	18.68	18.44
	256QAM	1	0	20.45	20.44	20.67	18.06	18.16	18.18	20.07	20.20	19.96	17.96	17.95	17.96
		1	1	20.48	20.43	20.68	17.90	18.01	17.96	20.10	19.98	20.07	18.06	18.13	17.95
		1	77	20.47	20.54	20.69	18.17	18.10	18.15	19.94	20.17	19.96	18.01	17.95	18.20
		1	78	20.61	20.67	20.67	18.20	18.20	18.11	20.12	20.13	20.12	18.14	17.99	18.00
		36	18	21.07	21.04	21.08	18.40	18.60	18.56	20.60	20.62	20.67	18.59	18.46	18.40
		75	0	20.96	21.18	21.09	18.69	18.40	18.52	20.40	20.60	20.50	18.46	18.68	18.44

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
20.0	BPSK	1	0	2510.0	2535.0	2560.0	2510.0	2535.0	2560.0	2510.0	2535.0	2560.0	2510.0	2535.0	2560.0
		1	1	24.45	24.52	24.69	21.90	22.13	22.14	23.97	24.20	24.11	22.19	22.00	22.18
		1	104	24.99	25.01	25.10	22.41	22.62	22.54	24.51	24.63	24.52	22.66	22.69	22.49
		1	105	24.93	25.11	25.05	22.47	22.61	22.51	24.58	24.47	24.43	22.51	22.60	22.55
		1	105	24.41	24.54	24.44	22.20	21.90	22.08	23.93	24.16	24.02	22.06	22.01	21.98
		50	25	25.70	25.70	25.70	23.20	23.20	23.20	25.20	25.20	25.20	23.20	23.20	23.20
		100	0	24.94	25.02	24.99	22.56	22.70	22.46	24.66	24.47	24.58	22.70	22.43	22.58
	QPSK	1	0	24.10	23.95	24.11	21.42	21.68	21.43	23.47	23.51	23.53	21.43	21.50	21.55
		1	1	25.00	24.98	24.94	22.40	22.58	22.65	24.44	24.46	24.44	22.68	22.41	22.55
		1	104	25.19	25.10	25.17	22.58	22.45	22.52	24.65	24.70	24.58	22.59	22.49	22.47
		1	105	24.03	24.00	23.96	21.62	21.69	21.45	23.46	23.48	23.53	21.63	21.70	21.51
		50	25	25.65	25.68	25.60	23.19	23.11	23.12	25.16	25.12	25.10	23.18	23.13	23.17
		100	0	24.47	24.44	24.57	21.95	22.15	22.13	23.97	23.94	23.96	22.02	21.92	22.13
	16QAM	1	0	23.07	22.90	23.03	20.50	20.69	20.49	22.70	22.53	22.42	20.62	20.68	20.50
		1	1	24.18	23.96	24.06	21.43	21.62	21.62	23.45	23.49	23.60	21.40	21.48	21.63
		1	104	23.98	24.18	24.20	21.46	21.58	21.41	23.53	23.67	23.54	21.42	21.45	21.66
		1	105	23.03	23.00	23.14	20.62	20.43	20.45	22.57	22.44	22.66	20.53	20.61	20.62
		50	25	24.64	24.49	24.44	22.12	22.19	22.20	24.16	23.93	23.91	22.10	21.90	22.12
		100	0	23.41	23.58	23.54	21.04	20.90	21.03	23.06	22.93	23.18	21.19	21.09	20.92
	64QAM	1	0	22.45	22.47	22.43	20.03	20.00	20.05	22.00	22.07	21.93	20.00	19.97	19.95
		1	1	22.62	22.65	22.68	20.17	20.10	20.05	22.05	21.97	21.93	20.18	19.91	20.06
		1	104	22.52	22.51	22.59	20.00	19.94	19.99	21.90	22.13	22.00	20.17	19.93	19.91
		1	105	22.61	22.49	22.51	20.19	19.96	20.12	22.07	22.07	22.01	20.11	20.01	20.11
		50	25	22.90	23.05	23.03	20.58	20.42	20.49	22.49	22.66	22.70	20.44	20.44	20.58
		100	0	23.00	23.10	23.18	20.63	20.42	20.54	22.68	22.50	22.58	20.67	20.52	20.44
	256QAM	1	0	20.63	20.55	20.57	18.16	18.02	18.14	19.91	19.91	19.95	18.01	18.06	17.93
		1	1	20.58	20.61	20.51	18.17	17.94	17.91	19.98	19.90	20.04	17.97	18.02	18.12
		1	104	20.64	20.65	20.42	18.17	18.05	18.13	20.14	19.96	20.13	18.16	17.90	18.17
		1	105	20.68	20.47	20.59	18.02	17.97	18.04	20.02	20.20	20.04	18.01	17.93	18.17
		50	25	20.92	20.98	20.92	18.64	18.65	18.42	20.52	20.60	20.60	18.64	18.59	18.41
		100	0	20.90	21.00	20.99	18.63	18.60	18.67	20.41	20.70	20.47	18.56	18.67	18.62

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
25.0	BPSK	1	0	24.60	24.59	24.68	21.98	22.14	21.93	24.18	24.09	24.09	22.01	21.92	22.10
		1	1	24.96	24.96	25.10	22.69	22.67	22.46	24.62	24.66	24.65	22.50	22.68	22.47
		1	131	25.01	25.11	24.96	22.40	22.68	22.44	24.40	24.70	24.69	22.44	22.54	22.66
		1	132	24.67	24.62	24.65	22.11	22.14	21.98	23.99	24.03	24.12	22.04	21.98	22.18
		64	32	25.70	25.70	25.70	23.20	23.20	23.20	25.20	25.20	25.20	23.20	23.20	23.20
		128	0	25.12	24.96	24.96	22.51	22.65	22.45	24.63	24.44	24.56	22.58	22.69	22.46
		1	0	24.09	23.97	23.91	21.57	21.66	21.54	23.53	23.52	23.70	21.70	21.63	21.68
		1	1	25.03	25.05	25.17	22.52	22.43	22.44	24.62	24.66	24.46	22.48	22.60	22.62
	QPSK	1	131	25.18	25.08	25.18	22.66	22.56	22.65	24.68	24.66	24.48	22.60	22.48	22.67
		1	132	24.06	23.97	24.04	21.68	21.41	21.42	23.53	23.68	23.59	21.45	21.44	21.57
		64	32	25.66	25.66	25.64	23.14	23.13	23.16	25.16	25.15	25.17	23.12	23.17	23.18
		128	0	24.45	24.41	24.61	22.09	22.14	22.02	24.15	23.90	24.20	22.01	22.13	22.16
		1	0	23.06	23.09	23.09	20.66	20.51	20.63	22.43	22.58	22.61	20.57	20.64	20.55
		1	1	24.12	24.00	24.09	21.41	21.58	21.43	23.63	23.46	23.45	21.57	21.44	21.64
		1	131	24.09	24.03	23.91	21.44	21.50	21.41	23.49	23.61	23.41	21.48	21.58	21.55
		1	132	22.96	23.10	23.04	20.43	20.49	20.40	22.55	22.48	22.64	20.69	20.48	20.69
	16QAM	64	32	24.44	24.48	24.45	22.20	21.92	22.05	24.20	24.01	23.96	21.94	21.96	22.01
		128	0	23.59	23.40	23.64	21.04	21.10	20.97	23.03	23.09	22.92	21.13	21.12	20.92
		1	0	22.65	22.40	22.57	20.03	20.13	19.94	22.15	22.07	22.18	19.90	20.08	19.93
		1	1	22.56	22.55	22.47	19.99	20.02	20.12	22.03	21.92	22.01	20.11	20.19	20.17
		1	131	22.44	22.41	22.44	19.93	20.13	19.93	22.15	22.00	22.02	19.96	20.00	20.16
		1	132	22.62	22.69	22.40	20.08	20.02	20.14	22.13	22.15	21.96	19.90	19.97	19.93
		64	32	23.06	23.12	22.97	20.67	20.64	20.50	22.66	22.63	22.50	20.64	20.56	20.58
		128	0	23.16	23.04	23.03	20.61	20.43	20.61	22.69	22.63	22.42	20.67	20.46	20.65
	64QAM	1	0	20.48	20.70	20.48	18.08	17.98	18.05	20.04	19.93	20.11	18.02	17.97	18.18
		1	1	20.47	20.52	20.58	18.05	18.19	17.93	19.91	20.06	19.99	18.03	18.20	17.95
		1	131	20.64	20.43	20.56	18.02	17.98	18.04	20.20	19.91	20.00	18.20	17.91	18.15
		1	132	20.61	20.48	20.50	18.00	18.08	18.18	20.19	20.01	20.18	18.20	17.99	18.01
		64	32	21.20	20.97	21.08	18.44	18.50	18.48	20.58	20.52	20.65	18.45	18.65	18.49
		128	0	21.13	20.97	21.13	18.41	18.70	18.69	20.48	20.67	20.70	18.57	18.69	18.53
	256QAM	1	0	20.48	20.70	20.48	18.08	17.98	18.05	20.04	19.93	20.11	18.02	17.97	18.18
		1	1	20.47	20.52	20.58	18.05	18.19	17.93	19.91	20.06	19.99	18.03	18.20	17.95
		1	131	20.64	20.43	20.56	18.02	17.98	18.04	20.20	19.91	20.00	18.20	17.91	18.15
		1	132	20.61	20.48	20.50	18.00	18.08	18.18	20.19	20.01	20.18	18.20	17.99	18.01
		64	32	21.20	20.97	21.08	18.44	18.50	18.48	20.58	20.52	20.65	18.45	18.65	18.49
		128	0	21.13	20.97	21.13	18.41	18.70	18.69	20.48	20.67	20.70	18.57	18.69	18.53

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
30.0	BPSK	1	0	24.56	24.45	24.70	22.01	22.06	21.95	24.10	24.03	24.17	22.15	22.05	21.96
		1	1	24.90	24.98	25.18	22.41	22.67	22.41	24.45	24.55	24.65	22.61	22.70	22.40
		1	158	24.96	25.09	24.92	22.46	22.40	22.49	24.40	24.42	24.65	22.48	22.68	22.56
		1	159	24.65	24.48	24.42	22.16	22.15	22.18	24.04	24.17	24.03	21.93	21.90	22.18
		80	40	25.70	25.70	25.70	23.20	23.20	23.20	25.20	25.20	25.20	23.20	23.20	23.20
		160	0	25.12	25.00	24.91	22.56	22.70	22.48	24.63	24.61	24.60	22.56	22.45	22.68
		1	0	24.01	24.17	24.10	21.64	21.46	21.56	23.54	23.68	23.45	21.67	21.62	21.51
		1	1	25.17	25.00	25.07	22.64	22.51	22.43	24.44	24.59	24.51	22.62	22.42	22.52
	QPSK	1	158	25.06	25.00	25.20	22.66	22.56	22.46	24.48	24.62	24.60	22.48	22.51	22.41
		1	159	24.16	24.14	24.18	21.48	21.56	21.40	23.66	23.67	23.58	21.43	21.69	21.53
		80	40	25.64	25.66	25.66	23.17	23.12	23.19	25.10	25.12	25.14	23.12	23.11	23.16
		160	0	24.54	24.57	24.45	22.04	21.95	21.90	23.93	24.18	24.13	22.19	21.93	22.19
		1	0	22.91	23.04	23.10	20.58	20.47	20.48	22.57	22.52	22.61	20.48	20.61	20.53
		1	1	24.20	24.09	24.06	21.45	21.64	21.62	23.57	23.54	23.65	21.64	21.60	21.55
		1	158	23.90	24.09	24.15	21.59	21.67	21.58	23.62	23.64	23.45	21.54	21.63	21.60
		1	159	22.91	23.14	22.90	20.61	20.53	20.55	22.66	22.64	22.70	20.60	20.43	20.44
	16QAM	80	40	24.40	24.55	24.45	22.05	22.06	22.04	24.13	24.03	24.07	22.08	22.17	22.14
		160	0	23.63	23.48	23.43	21.03	21.06	20.92	23.05	22.98	23.03	20.92	20.91	21.17
		1	0	22.44	22.63	22.63	20.14	20.03	20.14	22.11	22.09	21.96	20.01	20.15	19.94
		1	1	22.66	22.51	22.66	20.07	20.12	19.91	22.19	21.95	22.16	20.11	19.92	19.96
		1	158	22.49	22.51	22.50	20.04	19.90	20.00	22.20	22.10	21.90	20.20	19.90	19.95
		1	159	22.47	22.41	22.45	20.12	20.00	20.11	22.19	22.12	22.06	20.03	20.11	20.18
		80	40	22.98	23.15	23.16	20.57	20.44	20.59	22.60	22.45	22.43	20.48	20.49	20.54
		160	0	22.91	23.04	23.20	20.65	20.62	20.60	22.48	22.62	22.40	20.50	20.56	20.55
	64QAM	1	0	20.61	20.64	20.48	18.10	17.97	17.99	19.95	19.99	20.05	18.16	18.11	18.01
		1	1	20.48	20.59	20.42	17.94	17.96	18.16	19.95	19.99	19.98	18.03	17.93	18.19
		1	158	20.64	20.65	20.52	18.05	18.15	18.20	20.05	19.93	19.99	18.16	17.99	17.98
		1	159	20.41	20.64	20.59	18.14	17.96	17.91	19.98	20.03	19.99	18.18	18.03	18.00
		80	40	21.05	21.06	21.01	18.59	18.62	18.47	20.57	20.52	20.56	18.50	18.43	18.47
		160	0	21.05	20.90	21.08	18.40	18.68	18.40	20.63	20.45	20.55	18.56	18.55	18.49

OUTPUT POWER FOR 5G NR n7 (35.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				50.5	507000	510500	50.5	507000	510500	50.5	507000	510500	50.5	507000	510500
35.0	BPSK	1	0	2517.5	2535.0	2552.5	2517.5	2535.0	2552.5	2517.5	2535.0	2552.5	2517.5	2535.0	2552.5
		1	1	24.40	24.58	24.59	22.18	22.18	22.10	24.08	24.02	24.20	22.04	22.06	21.92
		1	1	25.12	25.02	24.95	22.59	22.58	22.68	24.48	24.40	24.47	22.54	22.62	22.57
		1	186	24.90	24.99	24.91	22.52	22.42	22.64	24.67	24.70	24.63	22.57	22.63	22.69
		1	187	24.44	24.55	24.55	22.15	22.10	22.09	24.20	24.03	24.16	22.08	21.92	21.95
		90	45	25.70	25.70	25.70	23.20	23.20	23.20	25.20	25.20	25.20	23.20	23.20	23.20
	QPSK	180	0	25.17	25.14	24.94	22.54	22.51	22.59	24.70	24.69	24.57	22.64	22.63	22.62
		1	0	24.08	23.95	24.04	21.48	21.66	21.55	23.52	23.50	23.42	21.55	21.41	21.61
		1	1	24.96	24.95	24.99	22.41	22.52	22.62	24.67	24.61	24.49	22.55	22.56	22.46
		1	186	25.13	25.13	25.15	22.70	22.70	22.65	24.67	24.62	24.64	22.41	22.55	22.55
		1	187	24.20	24.01	24.15	21.53	21.70	21.64	23.59	23.52	23.44	21.67	21.58	21.51
		90	45	25.61	25.66	25.64	23.19	23.18	23.18	25.14	25.14	25.16	23.15	23.10	23.12
	16QAM	180	0	24.69	24.40	24.63	21.92	22.03	22.16	23.96	24.05	24.16	22.17	22.12	21.97
		1	0	22.90	23.18	23.08	20.57	20.54	20.52	22.68	22.41	22.63	20.49	20.44	20.42
		1	1	24.03	24.02	24.18	21.57	21.69	21.49	23.49	23.49	23.56	21.58	21.69	21.40
		1	186	24.19	23.98	23.96	21.56	21.56	21.58	23.54	23.51	23.67	21.67	21.53	21.45
		1	187	23.18	22.92	23.01	20.70	20.51	20.55	22.51	22.59	22.48	20.64	20.46	20.68
		90	45	24.63	24.68	24.48	22.03	22.12	22.15	24.05	24.18	24.19	22.15	21.96	21.91
	64QAM	180	0	23.49	23.70	23.45	21.11	21.03	20.98	23.20	23.06	23.05	21.02	20.93	21.08
		1	0	22.44	22.50	22.66	20.20	20.19	19.93	22.01	22.08	21.92	20.08	20.09	20.16
		1	1	22.53	22.64	22.48	20.14	20.14	20.05	22.10	22.01	22.08	19.91	20.02	19.99
		1	186	22.40	22.69	22.59	20.11	20.18	19.92	21.98	22.10	22.09	20.08	20.04	20.12
		1	187	22.66	22.69	22.64	20.10	20.17	20.04	22.09	22.16	21.91	20.15	20.14	19.97
		90	45	23.15	22.94	23.08	20.65	20.54	20.69	22.48	22.45	22.66	20.53	20.63	20.61
	256QAM	180	0	22.96	23.03	23.09	20.62	20.43	20.54	22.63	22.51	22.69	20.47	20.41	20.43
		1	0	20.62	20.64	20.51	18.05	18.11	18.20	19.99	20.12	20.19	18.01	18.04	18.04
		1	1	20.48	20.66	20.61	17.97	18.03	17.95	20.02	20.14	19.91	18.16	18.12	17.97
		1	186	20.56	20.59	20.51	18.12	17.99	18.06	20.05	20.10	20.08	18.20	18.12	18.13
		1	187	20.48	20.56	20.65	18.07	18.07	18.18	19.94	20.20	20.14	17.93	18.14	17.93
		90	45	21.18	21.09	21.04	18.62	18.44	18.51	20.70	20.48	20.46	18.40	18.61	18.43
		180	0	20.91	20.91	21.06	18.47	18.49	18.45	20.68	20.58	20.42	18.68	18.57	18.57

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
40.0	BPSK	1	0	2520.0	2535.0	2550.0	2520.0	2535.0	2550.0	2520.0	2535.0	2550.0	2520.0	2535.0	2550.0
		1	1	24.43	24.64	24.44	22.14	21.90	22.12	24.00	23.96	24.04	22.03	22.00	21.90
		1	1	25.07	25.19	25.12	22.55	22.61	22.49	24.59	24.59	24.50	22.58	22.59	22.68
		1	214	25.15	24.96	24.95	22.61	22.59	22.41	24.44	24.57	24.51	22.55	22.63	22.48
		1	215	24.60	24.56	24.51	22.20	22.20	22.02	23.98	23.94	23.98	22.05	22.15	21.98
		108	54	25.70	25.70	25.70	23.20	23.20	23.20	25.20	25.20	25.20	23.20	23.20	23.20
	QPSK	216	0	25.07	25.02	24.92	22.48	22.43	22.64	24.49	24.68	24.50	22.60	22.41	22.40
		1	0	24.03	24.12	23.94	21.51	21.46	21.42	23.49	23.50	23.49	21.63	21.46	21.60
		1	1	25.08	25.01	25.14	22.61	22.41	22.45	24.48	24.51	24.57	22.70	22.69	22.40
		1	214	24.97	25.14	25.14	22.70	22.50	22.70	24.68	24.49	24.42	22.60	22.56	22.67
		1	215	24.19	24.20	23.90	21.59	21.46	21.56	23.50	23.49	23.65	21.52	21.70	21.57
		108	54	25.64	25.64	25.62	23.13	23.18	23.15	25.18	25.13	25.14	23.13	23.14	23.11
	16QAM	216	0	24.57	24.67	24.67	22.01	22.03	22.16	24.04	24.12	23.95	22.14	21.95	21.98
		1	0	22.93	22.96	23.09	20.49	20.48	20.52	22.50	22.66	22.58	20.55	20.69	20.66
		1	1	24.19	24.07	24.20	21.41	21.45	21.44	23.41	23.58	23.50	21.60	21.48	21.58
		1	214	24.07	24.19	23.97	21.61	21.51	21.41	23.41	23.53	23.55	21.45	21.64	21.42
		1	215	22.98	22.98	23.07	20.62	20.52	20.44	22.67	22.44	22.58	20.51	20.59	20.67
		108	54	24.42	24.66	24.59	22.03	22.04	22.06	23.97	24.12	24.13	22.07	22.12	22.12
	64QAM	216	0	23.68	23.41	23.70	20.99	21.09	20.93	22.94	23.11	22.93	20.91	21.07	21.11
		1	0	22.47	22.40	22.57	20.07	19.94	19.94	22.14	21.92	22.20	19.95	19.91	20.06
		1	1	22.53	22.58	22.46	20.20	20.05	20.18	22.09	22.18	22.02	19.99	19.90	20.11
		1	214	22.44	22.53	22.56	20.15	20.06	20.08	22.13	22.16	22.02	20.05	20.09	20.17
		1	215	22.69	22.47	22.57	20.06	20.14	20.11	22.07	22.12	21.93	19.91	20.05	20.05
		108	54	23.06	23.19	23.03	20.49	20.44	20.70	22.52	22.70	22.51	20.59	20.62	20.62
	256QAM	216	0	22.96	23.07	22.96	20.48	20.50	20.67	22.64	22.66	22.42	20.59	20.55	20.41
		1	0	20.45	20.44	20.45	18.17	18.11	18.03	19.95	20.10	19.93	18.01	18.13	18.03
		1	1	20.41	20.54	20.47	17.90	18.09	17.93	19.96	20.00	20.14	18.01	18.11	17.97
		1	214	20.50	20.43	20.42	18.08	18.18	17.95	20.19	19.95	19.94	18.14	18.08	17.94
		1	215	20.69	20.54	20.46	18.16	18.12	17.99	20.06	19.97	20.17	18.17	18.14	17.94
		108	54	20.97	20.90	21.13	18.41	18.66	18.46	20.40	20.64	20.65	18.43	18.46	18.68
		216	0	21.12	21.00	20.95	18.69	18.40	18.52	20.49	20.54	20.46	18.65	18.66	18.70

8.2. LTE BAND 12 AND 5G NR n12

LTE BAND 12

Test Engineer ID:	25780	Test Date:	2024-07-02
-------------------	-------	------------	------------

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
1.4	QPSK	1	0	24.97	24.94	25.13	23.93	23.94	24.08
		1	2	25.01	25.04	24.98	23.95	23.96	24.04
		1	5	25.18	25.08	24.92	24.19	24.00	24.03
		2	0	25.70	25.65	25.70	24.70	24.70	24.61
		2	4	25.65	25.61	25.56	24.59	24.58	24.64
		3	0	25.65	25.69	25.68	24.66	24.66	24.70
		3	1	25.68	25.69	25.66	24.55	24.67	24.70
		3	2	25.69	25.69	25.68	24.69	24.69	24.69
		6	0	24.56	24.70	24.66	23.63	23.55	23.70
	16QAM	1	0	23.94	24.05	24.08	23.08	23.15	23.16
		1	2	23.91	24.20	23.97	23.09	23.10	22.95
		1	5	23.94	23.98	24.03	23.11	23.11	23.04
		2	0	24.65	24.64	24.59	23.56	23.56	23.68
		2	4	24.69	24.59	24.63	23.66	23.70	23.57
		3	0	24.41	24.61	24.51	23.69	23.49	23.63
		3	1	24.65	24.53	24.62	23.40	23.63	23.65
		3	2	24.66	24.69	24.44	23.47	23.51	23.63
		6	0	23.66	23.59	23.63	22.63	22.55	22.49
	64QAM	1	0	22.93	23.18	22.99	21.99	22.14	21.96
		1	2	23.19	23.12	22.95	22.01	22.00	22.11
		1	5	22.90	23.07	22.93	22.11	22.06	22.11
		2	0	23.58	23.58	23.60	22.70	22.57	22.61
		2	4	23.62	23.60	23.60	22.59	22.59	22.66
		3	0	23.41	23.58	23.52	22.45	22.63	22.44
		3	1	23.62	23.60	23.68	22.56	22.63	22.46
		3	2	23.58	23.47	23.65	22.63	22.52	22.56
		6	0	22.47	22.66	22.63	21.42	21.68	21.64
	256QAM	1	0	20.01	19.98	19.99	19.19	18.92	18.95
		1	2	20.13	20.13	20.07	19.11	19.06	18.90
		1	5	20.03	20.20	20.18	19.17	18.95	19.17
		2	0	20.68	20.55	20.55	19.60	19.70	19.65
		2	4	20.57	20.57	20.58	19.59	19.60	19.66
		3	0	20.68	20.56	20.60	19.47	19.56	19.58
		3	1	20.42	20.52	20.60	19.57	19.54	19.53
		3	2	20.69	20.52	20.56	19.51	19.53	19.64
		6	0	20.63	20.46	20.44	19.67	19.55	19.41

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
3.0	QPSK			700.5	707.5	714.5	700.5	707.5	714.5
		1	0	24.92	25.05	24.92	24.03	23.95	24.03
		1	7	25.08	24.98	24.92	23.93	23.90	23.92
		1	14	25.04	25.14	25.12	24.18	24.02	24.17
		2	0	25.63	25.65	25.60	24.59	24.70	24.65
		2	13	25.70	25.63	25.56	24.59	24.70	24.60
		8	0	24.57	24.56	24.59	23.47	23.46	23.59
		8	4	24.50	24.61	24.42	23.55	23.49	23.59
		8	7	24.42	24.49	24.55	23.55	23.56	23.54
		15	0	24.56	24.48	24.41	23.67	23.65	23.64
	16QAM	1	0	23.90	24.12	24.06	23.08	23.10	22.90
		1	7	23.96	24.02	24.13	23.20	23.19	22.97
		1	14	23.98	24.13	23.93	22.92	22.94	23.13
		2	0	24.56	24.68	24.66	23.58	23.57	23.57
		2	13	24.70	24.66	24.69	23.70	23.69	23.65
		8	0	23.53	23.47	23.56	22.60	22.67	22.61
		8	4	23.42	23.69	23.61	22.58	22.68	22.57
		8	7	23.70	23.49	23.47	22.50	22.70	22.42
		15	0	23.55	23.59	23.44	22.48	22.43	22.52
	64QAM	1	0	23.10	23.04	23.17	22.05	22.04	22.20
		1	7	23.20	22.99	23.16	21.96	21.90	22.05
		1	14	23.02	22.92	23.03	21.94	22.00	22.02
		2	0	23.59	23.67	23.56	22.61	22.61	22.56
		2	13	23.62	23.60	23.55	22.57	22.60	22.70
		8	0	22.53	22.57	22.61	21.45	21.70	21.66
		8	4	22.50	22.66	22.41	21.67	21.42	21.47
		8	7	22.48	22.67	22.54	21.63	21.66	21.47
		15	0	22.56	22.59	22.62	21.47	21.68	21.49
	256QAM	1	0	20.02	20.06	20.05	19.09	19.09	19.10
		1	7	19.99	19.92	20.15	19.11	19.07	18.92
		1	14	20.05	20.14	19.93	19.13	19.18	19.18
		2	0	20.65	20.61	20.64	19.69	19.67	19.70
		2	13	20.55	20.67	20.58	19.55	19.66	19.61
		8	0	20.62	20.43	20.55	19.46	19.63	19.69
		8	4	20.47	20.48	20.57	19.48	19.49	19.52
		8	7	20.61	20.68	20.70	19.52	19.57	19.41
		15	0	20.53	20.40	20.52	19.54	19.55	19.40

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	24.97	24.99	25.04	24.15	23.97	23.99
		1	12	24.96	24.96	25.16	24.08	24.18	23.99
		1	24	24.91	25.13	25.08	24.00	23.92	24.11
		2	0	25.70	25.59	25.56	24.57	24.60	24.70
		2	23	25.60	25.70	25.59	24.65	24.64	24.57
		12	0	24.60	24.68	24.68	23.56	23.62	23.48
		12	6	24.43	24.69	24.40	23.68	23.58	23.50
		12	11	24.63	24.51	24.46	23.68	23.45	23.50
	16QAM	25	0	24.49	24.46	24.55	23.56	23.62	23.53
		1	0	24.20	24.18	23.96	23.09	23.10	23.17
		1	12	23.94	24.00	24.07	23.08	23.01	23.07
		1	24	24.04	24.04	24.12	23.11	23.17	23.12
		2	0	24.68	24.65	24.69	23.66	23.68	23.57
		2	23	24.61	24.60	24.68	23.56	23.62	23.64
		12	0	23.70	23.45	23.57	22.42	22.46	22.50
		12	6	23.66	23.49	23.49	22.50	22.63	22.61
	64QAM	12	11	23.57	23.60	23.57	22.48	22.54	22.67
		25	0	23.41	23.61	23.66	22.55	22.50	22.42
		1	0	22.95	23.10	23.18	21.93	22.18	21.98
		1	12	22.94	23.16	23.13	22.17	22.04	21.91
		1	24	23.11	23.03	23.09	22.13	22.12	22.08
		2	0	23.62	23.62	23.66	22.67	22.60	22.61
		2	23	23.62	23.67	23.57	22.58	22.55	22.60
		12	0	22.54	22.46	22.63	21.70	21.68	21.52
	256QAM	12	6	22.53	22.50	22.67	21.69	21.49	21.47
		12	11	22.46	22.40	22.51	21.45	21.42	21.67
		25	0	22.46	22.55	22.53	21.47	21.56	21.63
		1	0	19.93	20.06	20.13	19.13	19.12	19.02
		1	12	20.09	19.93	20.12	19.12	18.97	19.03
		1	24	19.99	20.18	20.19	19.18	18.90	18.97
		2	0	20.68	20.61	20.58	19.66	19.70	19.59
		2	23	20.57	20.69	20.61	19.67	19.63	19.68
		12	0	20.46	20.48	20.63	19.49	19.60	19.45
		12	6	20.64	20.50	20.43	19.58	19.55	19.61
		12	11	20.53	20.54	20.54	19.63	19.68	19.69
		25	0	20.54	20.53	20.57	19.50	19.58	19.44

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
10.0	QPSK	1	0	704.0	707.5	711.0	704.0	707.5	711.0
		1	24	25.03	25.14	24.94	24.15	24.12	24.01
		1	49	25.11	25.02	24.97	23.98	24.18	24.03
		1	49	25.20	25.02	25.13	24.20	24.19	24.13
		2	0	25.70	25.65	25.66	24.58	24.57	24.70
		2	48	25.59	25.65	25.55	24.59	24.61	24.64
		25	0	24.52	24.64	24.64	23.64	23.49	23.42
		25	12	24.45	24.50	24.59	23.44	23.65	23.41
	16QAM	25	24	24.49	24.48	24.61	23.45	23.47	23.60
		50	0	24.48	24.69	24.48	23.44	23.44	23.64
		1	0	24.13	24.03	24.16	23.03	23.01	23.19
		1	24	24.03	24.05	24.20	22.97	23.19	23.14
		1	49	24.10	24.14	23.97	23.12	23.20	23.19
		2	0	24.65	24.58	24.55	23.58	23.68	23.59
		2	48	24.70	24.64	24.61	23.66	23.67	23.57
		25	0	23.68	23.64	23.53	22.69	22.66	22.58
	64QAM	25	12	23.56	23.48	23.54	22.56	22.53	22.52
		25	24	23.68	23.42	23.56	22.55	22.58	22.49
		50	0	23.42	23.59	23.44	22.66	22.53	22.66
		1	0	22.97	22.95	22.99	21.97	22.10	21.95
		1	24	23.19	23.10	23.08	21.94	22.10	22.18
		1	49	23.19	23.07	22.94	22.11	21.99	22.10
		2	0	23.68	23.59	23.64	22.69	22.69	22.67
		2	48	23.55	23.67	23.56	22.66	22.64	22.60
	256QAM	25	0	22.45	22.57	22.70	21.47	21.64	21.45
		25	12	22.62	22.51	22.57	21.52	21.49	21.59
		25	24	22.59	22.61	22.61	21.58	21.48	21.60
		50	0	22.63	22.53	22.47	21.65	21.52	21.43
		1	0	20.16	20.01	19.93	18.96	19.03	19.08
		1	24	20.15	20.12	20.16	19.04	19.14	19.17
		1	49	19.96	20.20	20.15	19.07	19.19	18.98
		2	0	20.66	20.64	20.69	19.61	19.70	19.65
		2	48	20.62	20.59	20.59	19.66	19.55	19.55
		25	0	20.56	20.56	20.65	19.60	19.55	19.57
		25	12	20.58	20.40	20.54	19.47	19.68	19.58
		25	24	20.56	20.70	20.58	19.65	19.58	19.45
		50	0	20.42	20.69	20.69	19.49	19.55	19.42

5G NR n12

Test Engineer ID:	106170	Test Date:	2024-07-14
-------------------	--------	------------	------------

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
5.0	BPSK	1	0	701.5	707.5	713.5	701.5	707.5	713.5
		1	1	24.56	24.69	24.58	23.51	23.50	23.47
		1	23	24.97	25.02	24.98	24.15	24.14	23.91
		1	24	24.99	25.11	24.96	24.11	24.03	23.92
		1	24	24.67	24.66	24.59	23.69	23.52	23.54
		12	6	25.70	25.70	25.70	24.70	24.70	24.70
	QPSK	25	0	25.18	24.94	25.11	24.07	24.13	24.11
		1	0	23.97	23.96	24.20	23.01	23.16	23.12
		1	1	24.99	24.92	25.16	24.00	24.13	23.99
		1	23	25.02	24.96	25.20	24.08	24.01	23.95
		1	24	24.03	24.11	23.99	23.06	23.18	22.98
		12	6	25.63	25.68	25.67	24.62	24.67	24.62
	16QAM	25	0	24.62	24.53	24.54	23.49	23.69	23.65
		1	0	23.14	22.95	23.14	22.13	22.03	22.13
		1	1	23.90	23.93	24.14	23.18	23.17	23.02
		1	23	23.91	24.12	23.94	22.96	23.14	23.17
		1	24	23.11	23.05	22.95	22.09	22.14	22.07
		12	6	24.55	24.61	24.57	23.54	23.46	23.47
	64QAM	25	0	23.68	23.55	23.64	22.47	22.56	22.49
		1	0	22.67	22.49	22.48	21.51	21.45	21.49
		1	1	22.40	22.40	22.46	21.45	21.43	21.40
		1	23	22.55	22.59	22.46	21.49	21.57	21.40
		1	24	22.40	22.55	22.62	21.70	21.48	21.68
		12	6	23.10	23.17	23.18	22.01	22.02	21.93
	256QAM	25	0	23.10	22.98	22.96	21.92	21.94	22.15
		1	0	20.56	20.65	20.45	19.48	19.61	19.48
		1	1	20.60	20.53	20.65	19.49	19.41	19.69
		1	23	20.56	20.68	20.66	19.47	19.45	19.65
		1	24	20.57	20.54	20.68	19.42	19.48	19.65
		12	6	21.13	21.10	21.09	20.15	20.04	20.06
		25	0	21.16	21.00	20.91	19.95	20.01	20.09

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
10.0	BPSK	1	0	704.0	707.5	711.0	704.0	707.5	711.0
		1	1	24.67	24.41	24.64	23.63	23.43	23.59
		1	50	25.17	25.20	25.09	23.94	23.90	24.14
		1	50	24.95	25.17	24.93	24.09	24.03	24.19
		1	51	24.52	24.65	24.57	23.57	23.63	23.46
		25	12	25.70	25.70	25.70	24.70	24.70	24.70
	QPSK	50	0	24.98	25.12	25.18	23.92	23.96	24.05
		1	0	24.13	24.11	24.11	22.93	22.95	22.93
		1	1	25.19	25.20	25.07	24.09	24.04	23.95
		1	50	25.05	25.01	25.19	23.92	24.03	24.19
		1	51	24.08	23.97	24.01	23.09	23.07	23.07
		25	12	25.66	25.69	25.61	24.68	24.65	24.69
	16QAM	50	0	24.60	24.70	24.59	23.46	23.53	23.43
		1	0	23.18	23.14	23.10	21.95	22.16	22.14
		1	1	24.20	23.98	23.94	23.20	23.18	22.98
		1	50	24.19	24.07	23.90	23.03	23.20	23.16
		1	51	23.02	22.96	23.19	21.90	21.90	22.02
		25	12	24.59	24.63	24.44	23.48	23.43	23.43
	64QAM	50	0	23.64	23.42	23.70	22.65	22.68	22.43
		1	0	22.51	22.70	22.67	21.66	21.64	21.56
		1	1	22.61	22.53	22.62	21.42	21.44	21.62
		1	50	22.42	22.50	22.57	21.47	21.50	21.49
		1	51	22.54	22.50	22.69	21.67	21.68	21.40
		25	12	22.99	23.06	23.08	22.06	22.08	22.05
	256QAM	50	0	23.11	22.90	23.06	22.00	21.98	21.94
		1	0	20.68	20.55	20.59	19.67	19.58	19.43
		1	1	20.68	20.58	20.54	19.58	19.63	19.56
		1	50	20.70	20.55	20.42	19.49	19.55	19.54
		1	51	20.59	20.60	20.54	19.67	19.64	19.53
		25	12	21.08	21.17	20.91	20.06	20.18	20.14
		50	0	21.19	21.00	21.01	20.11	19.90	19.91

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
15.0	BPSK			706.5	707.5	708.5	706.5	707.5	708.5
		1	0	24.42	24.70	24.44	23.51	23.43	23.56
		1	1	24.97	24.95	24.91	24.19	23.92	24.12
		1	77	25.11	25.04	25.15	24.15	24.19	24.04
		1	78	24.58	24.59	24.58	23.53	23.70	23.64
		36	18	25.70	25.70	25.70	24.70	24.70	24.70
		75	0	24.94	25.04	25.09	23.90	24.04	24.07
		1	0	24.07	24.11	23.96	23.02	22.94	22.90
		1	1	25.00	24.94	24.93	23.94	23.99	24.18
	QPSK	1	77	24.91	25.02	25.01	24.03	24.07	24.20
		1	78	24.04	24.06	24.13	23.06	23.15	23.10
		36	18	25.60	25.62	25.63	24.64	24.61	24.61
		75	0	24.46	24.45	24.63	23.70	23.57	23.41
		1	0	22.99	23.01	23.01	22.03	22.20	22.11
		1	1	24.18	24.01	24.14	22.90	22.92	23.19
		1	77	24.13	24.10	23.94	22.99	22.91	22.97
		1	78	23.13	23.05	23.20	21.94	22.01	22.00
		36	18	24.55	24.58	24.52	23.51	23.43	23.57
	16QAM	75	0	23.50	23.53	23.44	22.59	22.69	22.52
		1	0	22.68	22.51	22.58	21.54	21.65	21.51
		1	1	22.55	22.52	22.41	21.47	21.42	21.42
		1	77	22.44	22.59	22.63	21.64	21.43	21.52
		1	78	22.70	22.40	22.43	21.47	21.62	21.48
		36	18	22.98	23.02	23.18	22.16	22.03	21.98
		75	0	23.19	23.05	23.10	22.02	22.15	22.20
		1	0	20.61	20.61	20.43	19.69	19.58	19.63
		1	1	20.69	20.41	20.58	19.67	19.56	19.61
	256QAM	1	77	20.54	20.65	20.54	19.55	19.60	19.67
		1	78	20.43	20.51	20.52	19.49	19.65	19.60
		36	18	21.15	20.93	20.97	19.97	20.03	20.04
		75	0	21.08	21.05	21.18	20.17	20.13	20.12

8.3. LTE BAND 13

Test Engineer ID:	25780	Test Date:	2024-07-16
-------------------	-------	------------	------------

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
5.0	QPSK	1	0	25.17	25.17	24.98	23.98	24.02	24.01
		1	12	25.18	25.08	24.90	24.16	23.99	24.08
		1	24	25.19	24.99	25.12	23.91	24.02	23.99
		2	0	25.64	25.70	25.69	24.70	24.70	24.68
		2	23	25.61	25.63	25.57	24.64	24.61	24.64
		12	0	24.69	24.58	24.50	23.59	23.41	23.40
		12	6	24.56	24.66	24.59	23.63	23.42	23.61
		12	11	24.66	24.63	24.67	23.49	23.45	23.67
		25	0	24.54	24.52	24.40	23.48	23.41	23.65
	16QAM	1	0	24.13	24.03	24.11	22.92	23.20	23.08
		1	12	24.03	24.05	24.15	23.20	23.14	22.93
		1	24	23.96	23.93	24.02	23.16	23.02	23.08
		2	0	24.61	24.58	24.66	23.70	23.70	23.59
		2	23	24.62	24.67	24.62	23.62	23.64	23.68
		12	0	23.62	23.57	23.49	22.50	22.70	22.50
		12	6	23.45	23.40	23.64	22.55	22.46	22.62
		12	11	23.41	23.53	23.62	22.65	22.65	22.62
		25	0	23.56	23.63	23.48	22.59	22.57	22.41
	64QAM	1	0	23.18	22.96	23.02	21.98	21.92	22.14
		1	12	23.08	22.94	23.18	22.20	22.06	22.07
		1	24	23.19	23.08	22.98	21.98	22.17	22.10
		2	0	23.59	23.67	23.61	22.61	22.69	22.68
		2	23	23.61	23.66	23.66	22.70	22.59	22.66
		12	0	22.61	22.50	22.70	21.50	21.66	21.54
		12	6	22.48	22.44	22.53	21.52	21.57	21.69
		12	11	22.65	22.62	22.45	21.69	21.45	21.62
		25	0	22.48	22.53	22.60	21.69	21.69	21.58
	256QAM	1	0	20.18	20.20	20.03	18.91	19.15	19.13
		1	12	19.92	19.90	19.97	18.91	18.96	19.04
		1	24	20.04	20.20	20.18	19.10	19.00	19.15
		2	0	20.64	20.70	20.58	19.59	19.70	19.65
		2	23	20.68	20.66	20.55	19.59	19.63	19.58
		12	0	20.56	20.55	20.49	19.51	19.65	19.54
		12	6	20.47	20.55	20.48	19.63	19.56	19.51
		12	11	20.65	20.45	20.67	19.64	19.42	19.49
		25	0	20.45	20.41	20.54	19.51	19.56	19.49

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		25.05			24.19	
		1	24		25.12			24.14	
		1	49		25.18			24.09	
		2	0		25.70			24.70	
		2	48		25.66			24.66	
		25	0		24.65			23.67	
		25	12		24.40			23.66	
		25	24		24.70			23.42	
		50	0		24.56			23.45	
		1	0		24.08			23.12	
	16QAM	1	24		23.97			22.99	
		1	49		24.05			23.16	
		2	0		24.68			23.64	
		2	48		24.70			23.60	
		25	0		23.48			22.51	
		25	12		23.53			22.44	
		25	24		23.63			22.65	
		50	0		23.49			22.46	
	64QAM	1	0		23.15			22.13	
		1	24		23.09			22.05	
		1	49		23.11			21.90	
		2	0		23.69			22.70	
		2	48		23.69			22.68	
		25	0		22.55			21.55	
		25	12		22.66			21.40	
		25	24		22.57			21.42	
	256QAM	50	0		22.51			21.57	
		1	0		20.20			19.20	
		1	24		20.11			19.19	
		1	49		20.08			19.13	
		2	0		20.66			19.60	
		2	48		20.66			19.67	
		25	0		20.57			19.64	
		25	12		20.65			19.41	
		25	24		20.65			19.57	
		50	0		20.60			19.65	

8.4. LTE BAND 14 AND 5G NR n14

Test Engineer ID:	25780	Test Date:	2024-07-16
-------------------	-------	------------	------------

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
5.0	QPSK	1	0	790.5	793.0	795.5	790.5	793.0	795.5
		1	12	25.03	25.16	24.97	24.18	24.00	24.01
		1	24	24.97	25.09	24.92	24.15	23.99	23.95
		2	0	25.09	25.12	25.04	23.98	24.13	24.17
		2	23	25.66	25.56	25.70	24.66	24.56	24.70
		2	23	25.65	25.56	25.59	24.63	24.55	24.63
		12	0	24.64	24.66	24.65	23.58	23.67	23.67
		12	6	24.57	24.41	24.46	23.65	23.52	23.64
		12	11	24.55	24.48	24.54	23.45	23.70	23.42
		25	0	24.45	24.66	24.49	23.61	23.43	23.48
		1	0	24.04	24.05	24.06	22.99	23.01	22.97
		1	12	24.10	24.07	24.01	23.17	23.04	23.02
	16QAM	1	24	24.14	24.07	24.06	22.96	22.90	23.07
		2	0	24.65	24.55	24.59	23.62	23.66	23.59
		2	23	24.67	24.56	24.56	23.55	23.67	23.70
		12	0	23.60	23.49	23.66	22.49	22.57	22.43
		12	6	23.41	23.44	23.51	22.70	22.54	22.48
		12	11	23.55	23.67	23.66	22.50	22.57	22.63
		25	0	23.58	23.61	23.55	22.40	22.61	22.45
		1	0	22.94	23.11	23.06	22.05	21.95	22.18
	64QAM	1	12	23.18	23.12	23.10	21.97	21.90	21.93
		1	24	23.17	23.06	22.97	22.08	22.18	22.09
		2	0	23.56	23.60	23.60	22.57	22.56	22.63
		2	23	23.56	23.56	23.63	22.56	22.64	22.67
		12	0	22.62	22.69	22.51	21.58	21.63	21.43
		12	6	22.48	22.68	22.45	21.66	21.53	21.41
		12	11	22.68	22.42	22.50	21.40	21.56	21.54
		25	0	22.58	22.61	22.49	21.59	21.54	21.54
	256QAM	1	0	20.12	19.99	20.03	19.10	19.14	19.19
		1	12	19.98	20.20	20.14	19.20	19.16	19.08
		1	24	20.18	20.14	19.95	19.12	19.15	19.02
		2	0	20.67	20.69	20.65	19.63	19.59	19.66
		2	23	20.55	20.64	20.63	19.55	19.57	19.67
		12	0	20.52	20.51	20.43	19.43	19.51	19.56
		12	6	20.67	20.54	20.47	19.61	19.55	19.42
		12	11	20.63	20.69	20.44	19.51	19.53	19.67
		25	0	20.65	20.40	20.56	19.51	19.66	19.69

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
10.0	QPSK			N/A	793.0	N/A	N/A	793.0	N/A
		1	0		25.16			24.13	
		1	24		25.17			24.17	
		1	49		25.08			24.04	
		2	0		25.61			24.55	
		2	48		25.70			24.70	
		25	0		24.70			23.47	
		25	12		24.46			23.52	
		25	24		24.40			23.50	
		50	0		24.41			23.63	
	16QAM	1	0		23.97			23.05	
		1	24		24.02			22.97	
		1	49		24.07			23.09	
		2	0		24.65			23.69	
		2	48		24.55			23.56	
		25	0		23.51			22.47	
		25	12		23.40			22.63	
		25	24		23.60			22.49	
		50	0		23.63			22.48	
		1	0		23.09			22.13	
	64QAM	1	24		23.15			22.18	
		1	49		22.92			22.20	
		2	0		23.59			22.59	
		2	48		23.66			22.51	
		25	0		22.54			21.67	
		25	12		22.56			21.43	
		25	24		22.65			21.48	
		50	0		22.68			21.58	
	256QAM	1	0		19.97			19.04	
		1	24		20.17			19.09	
		1	49		20.02			19.12	
		2	0		20.61			19.67	
		2	48		20.58			19.68	
		25	0		20.50			19.66	
		25	12		20.55			19.42	
		25	24		20.67			19.48	
		50	0		20.47			19.42	

5G NR n14

Test Engineer ID:	28498	Test Date:	2024-07-14
-------------------	-------	------------	------------

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
5.0	BPSK	1	0	790.5	793.0	795.5	790.5	793.0	795.5
		1	1	24.41	24.58	24.67	23.52	23.58	23.70
		1	1	25.04	25.10	25.14	24.06	23.99	24.19
		1	23	24.92	24.99	24.96	24.19	23.99	23.93
		1	24	24.49	24.53	24.61	23.46	23.59	23.54
		12	6	25.70	25.70	25.70	24.70	24.70	24.70
	QPSK	25	0	25.17	24.91	25.20	23.95	24.15	24.05
		1	0	24.13	24.03	23.97	23.07	22.94	23.15
		1	1	25.04	25.03	25.16	24.02	23.91	23.96
		1	23	25.20	25.05	25.00	23.97	24.12	24.20
		1	24	23.96	23.94	24.10	23.13	23.20	22.92
		12	6	25.68	25.66	25.64	24.64	24.64	24.61
	16QAM	25	0	24.50	24.46	24.56	23.69	23.53	23.55
		1	0	22.97	23.10	23.05	21.96	22.16	21.98
		1	1	23.96	23.94	24.15	22.99	23.18	23.14
		1	23	24.08	24.08	24.15	23.15	23.14	22.93
		1	24	23.17	23.13	23.12	22.16	22.11	22.19
		12	6	24.68	24.53	24.44	23.41	23.53	23.60
	64QAM	25	0	23.43	23.51	23.69	22.55	22.54	22.46
		1	0	22.50	22.45	22.43	21.42	21.67	21.45
		1	1	22.67	22.66	22.41	21.50	21.68	21.55
		1	23	22.64	22.50	22.41	21.63	21.56	21.40
		1	24	22.41	22.40	22.58	21.59	21.42	21.57
		12	6	23.13	22.99	23.11	21.94	22.04	22.11
	256QAM	25	0	23.19	22.94	23.10	21.94	22.06	21.96
		1	0	20.45	20.50	20.58	19.51	19.53	19.51
		1	1	20.60	20.60	20.51	19.61	19.59	19.59
		1	23	20.55	20.59	20.62	19.64	19.49	19.42
		1	24	20.42	20.62	20.63	19.66	19.43	19.44
		12	6	21.09	21.03	20.93	19.98	19.90	19.96
		25	0	21.17	20.90	20.91	20.15	20.04	20.11

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
10.0	BPSK	1	0	N/A	793.0	N/A	N/A	793.0	N/A
		1	1		24.51			23.70	
		1	50		25.01			24.05	
		1	51		25.12			23.96	
		1	51		24.65			23.58	
		25	12		25.70			24.70	
	QPSK	50	0		24.92			23.93	
		1	0		24.01			22.95	
		1	1		24.92			24.02	
		1	50		25.07			24.11	
		1	51		24.05			23.11	
		25	12		25.67			24.60	
	16QAM	50	0		24.53			23.51	
		1	0		23.00			21.94	
		1	1		24.17			23.17	
		1	50		24.09			23.14	
		1	51		22.99			22.08	
		25	12		24.47			23.65	
	64QAM	50	0		23.60			22.48	
		1	0		22.40			21.59	
		1	1		22.48			21.49	
		1	50		22.44			21.51	
		1	51		22.46			21.57	
		25	12		22.98			22.19	
	256QAM	50	0		22.96			22.12	
		1	0		20.57			19.61	
		1	1		20.42			19.49	
		1	50		20.44			19.55	
		1	51		20.54			19.57	
		25	12		21.08			19.96	
		50	0		21.01			19.99	

8.5. LTE BAND 17

Test Engineer ID:	25780	Test Date:	2024-07-17
-------------------	-------	------------	------------

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
5.0	QPSK	1	0	25.18	25.20	25.08	24.16	24.18	23.92
		1	12	25.15	25.05	24.95	24.13	23.94	24.14
		1	24	25.08	25.09	25.12	24.10	23.93	24.00
		2	0	25.68	25.58	25.62	24.59	24.68	24.66
		2	23	25.58	25.70	25.65	24.56	24.70	24.69
		12	0	24.62	24.64	24.56	23.60	23.60	23.70
		12	6	24.63	24.69	24.63	23.54	23.69	23.51
		12	11	24.55	24.42	24.49	23.66	23.61	23.43
		25	0	24.70	24.61	24.53	23.44	23.62	23.49
	16QAM	1	0	24.16	24.02	23.98	22.94	22.96	22.90
		1	12	24.17	24.10	23.90	22.97	23.13	23.03
		1	24	23.96	24.03	24.00	23.20	23.12	23.13
		2	0	24.58	24.62	24.67	23.58	23.64	23.70
		2	23	24.67	24.65	24.65	23.55	23.68	23.66
		12	0	23.49	23.66	23.51	22.45	22.68	22.43
		12	6	23.67	23.69	23.52	22.70	22.52	22.41
		12	11	23.68	23.59	23.61	22.45	22.54	22.68
		25	0	23.46	23.62	23.58	22.68	22.45	22.60
	64QAM	1	0	22.97	23.08	23.12	21.97	22.05	21.90
		1	12	22.97	23.12	23.16	22.20	22.03	21.93
		1	24	22.95	23.02	22.91	21.99	22.15	22.19
		2	0	23.65	23.56	23.62	22.59	22.64	22.67
		2	23	23.69	23.60	23.63	22.65	22.64	22.66
		12	0	22.69	22.55	22.49	21.44	21.58	21.46
		12	6	22.70	22.65	22.58	21.49	21.63	21.68
		12	11	22.65	22.64	22.60	21.40	21.51	21.47
		25	0	22.48	22.54	22.53	21.48	21.69	21.48
	256QAM	1	0	20.16	20.01	20.08	19.03	18.97	19.16
		1	12	20.11	20.10	20.09	19.14	18.90	19.01
		1	24	20.14	19.93	20.02	19.14	18.95	18.99
		2	0	20.68	20.70	20.58	19.69	19.59	19.58
		2	23	20.63	20.56	20.69	19.56	19.55	19.65
		12	0	20.45	20.40	20.44	19.52	19.44	19.40
		12	6	20.52	20.59	20.40	19.50	19.70	19.55
		12	11	20.70	20.59	20.46	19.67	19.50	19.44
		25	0	20.65	20.44	20.70	19.59	19.56	19.59

OUTPUT POWER FOR LTE BAND 17 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)					
				ANT 1			ANT 2		
				23780 709.0	23790 710.0	23800 711.0	23780 709.0	23790 710.0	23800 711.0
10.0	QPSK	1	0	25.16	24.96	25.04	23.94	24.14	24.18
		1	24	25.04	25.15	25.08	24.12	24.14	24.14
		1	49	25.07	25.00	25.05	24.14	24.07	24.01
		2	0	25.56	25.65	25.58	24.61	24.57	24.70
		2	48	25.63	25.70	25.63	24.65	24.57	24.66
		25	0	24.60	24.46	24.52	23.59	23.42	23.62
		25	12	24.55	24.45	24.44	23.70	23.52	23.59
		25	24	24.48	24.54	24.42	23.40	23.41	23.67
		50	0	24.63	24.52	24.66	23.56	23.48	23.59
	16QAM	1	0	23.99	24.04	24.12	22.98	23.13	23.03
		1	24	24.20	24.10	24.04	23.10	23.02	23.02
		1	49	24.12	24.18	24.04	23.14	23.01	22.99
		2	0	24.55	24.56	24.60	23.58	23.64	23.57
		2	48	24.57	24.69	24.62	23.58	23.67	23.64
		25	0	23.59	23.45	23.51	22.47	22.40	22.67
		25	12	23.59	23.58	23.45	22.41	22.67	22.60
		25	24	23.51	23.51	23.54	22.65	22.57	22.70
		50	0	23.48	23.40	23.69	22.46	22.53	22.42
	64QAM	1	0	22.92	23.13	22.99	22.20	22.03	22.00
		1	24	23.10	22.92	23.19	22.00	22.13	22.17
		1	49	23.12	22.96	22.90	22.09	22.05	22.12
		2	0	23.70	23.69	23.58	22.65	22.56	22.61
		2	48	23.68	23.61	23.66	22.58	22.57	22.58
		25	0	22.58	22.61	22.56	21.63	21.69	21.70
		25	12	22.50	22.49	22.67	21.52	21.68	21.62
		25	24	22.49	22.44	22.43	21.68	21.51	21.57
		50	0	22.47	22.60	22.44	21.63	21.59	21.69
	256QAM	1	0	20.08	20.14	19.93	19.08	19.13	18.96
		1	24	20.00	19.98	20.11	19.17	19.04	18.97
		1	49	19.93	20.12	20.12	19.13	19.08	19.04
		2	0	20.67	20.59	20.70	19.68	19.60	19.55
		2	48	20.65	20.70	20.60	19.61	19.63	19.60
		25	0	20.60	20.59	20.68	19.51	19.40	19.52
		25	12	20.48	20.57	20.69	19.56	19.52	19.64
		25	24	20.57	20.40	20.64	19.55	19.43	19.48
		50	0	20.41	20.41	20.42	19.48	19.51	19.62

8.6. LTE BAND 25 AND 5G NR n25

LTE BAND 25

Test Engineer ID:	25780	Test Date:	2024-07-18
-------------------	-------	------------	------------

OUTPUT POWER FOR LTE BAND 25 (1.4 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				26047	26365	26683	26047	26365	26683	26047	26365	26683	26047	26365	26683
1.4	QPSK	1	0	1850.7	1882.5	1914.3	1850.7	1882.5	1914.3	1850.7	1882.5	1914.3	1850.7	1882.5	1914.3
		1	2	25.09	24.90	25.14	22.94	23.14	22.98	24.42	24.48	24.65	22.53	22.54	22.68
		1	5	25.14	25.13	25.00	23.00	23.16	23.08	24.46	24.51	24.69	22.47	22.66	22.50
		2	0	25.05	25.02	25.06	23.03	23.01	22.94	24.62	24.40	24.42	22.67	22.45	22.61
		2	4	25.57	25.56	25.67	23.65	23.65	23.70	25.18	25.12	25.11	23.13	23.09	23.17
		2	0	25.63	25.55	25.64	23.61	23.61	23.57	25.05	25.12	25.20	23.19	23.20	23.10
		3	0	25.67	25.65	25.68	23.67	23.65	23.70	25.20	25.20	25.19	23.16	23.16	23.17
		3	1	25.68	25.65	25.69	23.65	23.69	23.69	25.16	25.19	25.20	23.17	23.19	23.17
		3	2	25.65	25.65	25.69	23.70	23.69	23.68	25.16	25.20	25.16	23.17	23.18	23.18
		6	0	24.57	24.52	24.62	22.47	22.66	22.51	24.08	24.05	23.99	22.04	21.90	22.19
	16QAM	1	0	24.03	24.18	23.92	22.20	21.99	22.08	23.43	23.53	23.54	21.67	21.56	21.59
		1	2	24.12	24.06	23.95	22.06	22.13	22.19	23.58	23.47	23.67	21.64	21.66	21.62
		1	5	24.05	24.19	24.05	21.99	22.15	21.96	23.61	23.46	23.43	21.43	21.59	21.46
		2	0	24.60	24.69	24.56	22.62	22.66	22.56	24.08	24.16	24.07	22.05	22.14	22.05
		2	4	24.70	24.61	24.68	22.56	22.60	22.70	24.07	24.15	24.11	22.12	22.15	22.11
		3	0	24.68	24.69	24.64	22.45	22.50	22.45	23.92	24.14	24.13	22.07	22.03	21.94
		3	1	24.68	24.59	24.40	22.68	22.53	22.48	23.91	23.97	23.91	21.92	22.02	21.95
		3	2	24.51	24.55	24.66	22.52	22.63	22.52	24.19	24.09	23.92	22.01	22.10	22.05
		6	0	23.59	23.51	23.52	21.69	21.55	21.53	23.16	23.06	23.20	21.17	20.99	21.04
	64QAM	1	0	23.11	23.15	23.15	21.01	20.90	21.03	22.69	22.63	22.51	20.68	20.47	20.66
		1	2	22.98	23.08	23.17	20.97	21.04	21.15	22.57	22.68	22.59	20.55	20.63	20.53
		1	5	22.94	23.04	22.96	21.03	21.03	21.00	22.48	22.53	22.66	20.59	20.70	20.47
		2	0	23.66	23.62	23.57	21.69	21.68	21.66	23.20	23.13	23.19	21.05	21.11	21.17
		2	4	23.66	23.57	23.69	21.65	21.59	21.55	23.07	23.12	23.15	21.18	21.07	21.20
		3	0	23.53	23.48	23.55	21.45	21.44	21.46	22.96	23.07	23.05	20.97	20.96	20.98
		3	1	23.49	23.54	23.45	21.41	21.65	21.59	22.94	22.92	23.20	21.04	20.96	21.07
		3	2	23.57	23.45	23.44	21.63	21.41	21.61	22.94	23.11	23.19	21.19	20.93	21.10
		6	0	22.44	22.59	22.58	20.70	20.61	20.45	22.09	21.99	21.96	19.90	20.02	19.99
	256QAM	1	0	20.12	20.06	20.13	18.05	18.07	18.05	19.67	19.60	19.56	17.54	17.56	17.42
		1	2	19.92	19.96	20.15	18.13	17.95	18.18	19.60	19.60	19.50	17.54	17.41	17.48
		1	5	20.10	20.00	20.05	17.90	18.10	18.00	19.56	19.48	19.49	17.62	17.43	17.62
		2	0	20.61	20.59	20.68	18.70	18.65	18.70	20.19	20.13	20.08	18.10	18.12	18.14
		2	4	20.58	20.68	20.63	18.62	18.68	18.60	20.08	20.11	20.10	18.12	18.08	18.10
		3	0	20.57	20.52	20.63	18.46	18.52	18.59	20.04	19.91	20.02	17.95	17.92	18.12
		3	1	20.59	20.47	20.56	18.64	18.70	18.51	19.92	19.90	20.02	18.16	17.93	18.11
		3	2	20.51	20.41	20.64	18.40	18.41	18.65	20.04	19.95	20.07	18.10	18.03	18.12
		6	0	20.58	20.52	20.68	18.61	18.41	18.53	19.99	20.05	20.16	18.03	18.20	18.01

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	24.99	25.20	24.96	23.19	22.91	22.97	24.46	24.56	24.52	22.44	22.56	22.63
		1	7	25.05	25.10	25.02	23.09	23.09	22.98	24.42	24.63	24.67	22.61	22.43	22.44
		1	14	24.95	24.98	24.90	22.97	22.94	23.06	24.53	24.69	24.54	22.70	22.50	22.55
		2	0	25.70	25.59	25.58	23.70	23.65	23.61	25.20	25.14	25.20	23.20	23.20	23.05
		2	13	25.67	25.68	25.55	23.69	23.60	23.61	25.17	25.17	25.12	23.09	23.16	23.10
		8	0	24.47	24.60	24.46	22.52	22.65	22.62	24.03	24.18	24.01	21.96	22.00	22.16
		8	4	24.66	24.62	24.49	22.54	22.57	22.48	24.15	23.96	23.96	22.05	22.02	22.20
		8	7	24.49	24.42	24.42	22.68	22.63	22.60	23.99	23.93	23.90	21.92	22.09	22.08
		15	0	24.56	24.45	24.59	22.56	22.41	22.65	24.06	23.91	24.20	22.08	22.14	22.06
	16QAM	1	0	24.10	24.15	23.90	22.13	21.95	21.90	23.62	23.52	23.55	21.46	21.53	21.55
		1	7	24.04	24.18	24.09	22.07	22.20	21.95	23.69	23.49	23.59	21.42	21.62	21.42
		1	14	23.90	24.01	24.01	22.06	22.10	22.04	23.64	23.56	23.50	21.46	21.64	21.49
		2	0	24.60	24.59	24.64	22.66	22.64	22.66	24.07	24.18	24.08	22.12	22.05	22.06
		2	13	24.70	24.62	24.66	22.68	22.66	22.57	24.06	24.11	24.10	22.19	22.10	22.15
		8	0	23.57	23.65	23.57	21.55	21.54	21.58	23.08	23.08	23.16	21.12	21.16	21.03
		8	4	23.59	23.45	23.42	21.48	21.50	21.52	22.95	23.00	22.93	21.08	21.11	21.17
		8	7	23.57	23.55	23.64	21.58	21.51	21.61	22.97	22.93	22.98	21.15	21.17	21.13
		15	0	23.62	23.69	23.46	21.44	21.41	21.48	22.98	22.97	23.20	20.92	20.94	21.20
	64QAM	1	0	22.97	23.15	23.16	21.20	20.90	20.98	22.52	22.68	22.50	20.53	20.67	20.54
		1	7	22.98	22.95	23.16	21.11	21.08	21.17	22.55	22.55	22.53	20.61	20.52	20.59
		1	14	23.05	22.91	23.18	20.91	21.18	21.16	22.46	22.42	22.60	20.49	20.67	20.48
		2	0	23.65	23.59	23.60	21.61	21.61	21.61	23.06	23.19	23.16	21.11	21.08	21.19
		2	13	23.60	23.60	23.68	21.66	21.59	21.64	23.14	23.05	23.11	21.16	21.13	21.05
		8	0	22.52	22.69	22.69	20.52	20.50	20.65	21.94	22.05	21.99	19.96	20.12	20.10
		8	4	22.40	22.49	22.48	20.69	20.57	20.65	21.93	21.91	22.06	20.13	20.10	20.05
		8	7	22.49	22.41	22.67	20.54	20.44	20.62	21.96	22.04	22.00	19.92	20.02	20.05
		15	0	22.47	22.47	22.47	20.67	20.66	20.67	21.99	22.00	22.10	20.11	20.10	19.98
	256QAM	1	0	20.11	20.11	20.03	18.02	18.18	18.06	19.70	19.40	19.55	17.66	17.59	17.63
		1	7	19.96	20.20	19.97	18.00	18.14	18.02	19.63	19.59	19.46	17.63	17.45	17.58
		1	14	20.20	20.13	20.14	17.95	17.94	18.19	19.63	19.56	19.56	17.65	17.47	17.42
		2	0	20.60	20.68	20.70	18.60	18.56	18.61	20.16	20.08	20.14	18.05	18.20	18.09
		2	13	20.55	20.56	20.70	18.57	18.60	18.68	20.07	20.17	20.07	18.14	18.18	18.11
		8	0	20.69	20.59	20.70	18.63	18.54	18.51	19.92	20.03	20.07	18.07	18.19	18.12
		8	4	20.42	20.61	20.62	18.48	18.59	18.44	19.90	20.10	20.17	18.04	18.02	17.96
		8	7	20.70	20.69	20.70	18.61	18.41	18.54	20.19	20.03	20.04	17.99	18.00	18.11
		15	0	20.65	20.50	20.45	18.58	18.56	18.48	20.08	19.91	20.09	18.06	18.04	18.15

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
5.0	QPSK	1	0	25.04	25.02	25.13	23.09	22.99	23.09	24.52	24.43	24.54	22.53	22.59	22.64
		1	12	24.99	25.14	24.98	23.10	23.11	23.01	24.54	24.50	24.64	22.44	22.67	22.61
		1	24	25.14	24.93	25.01	22.93	23.09	23.01	24.59	24.52	24.51	22.64	22.48	22.60
		2	0	25.70	25.66	25.60	23.70	23.64	23.60	25.15	25.20	25.17	23.17	23.16	23.18
		2	23	25.62	25.63	25.67	23.59	23.68	23.61	25.08	25.10	25.14	23.19	23.05	23.20
		12	0	24.64	24.58	24.53	22.69	22.55	22.50	23.95	24.07	24.18	21.94	22.04	22.17
		12	6	24.54	24.69	24.42	22.44	22.63	22.40	23.91	23.93	24.14	21.96	21.95	21.92
		12	11	24.53	24.63	24.53	22.56	22.60	22.45	23.93	24.18	24.09	22.01	21.92	22.04
		25	0	24.61	24.43	24.49	22.44	22.66	22.68	24.08	24.16	24.15	22.02	22.10	21.91
	16QAM	1	0	24.01	24.16	24.14	22.19	22.16	21.91	23.53	23.61	23.57	21.58	21.56	21.66
		1	12	23.99	24.14	24.15	22.02	22.14	22.06	23.53	23.45	23.46	21.66	21.68	21.61
		1	24	24.05	23.90	24.00	22.20	22.04	21.98	23.49	23.52	23.56	21.56	21.47	21.45
		2	0	24.63	24.55	24.62	22.65	22.58	22.56	24.17	24.19	24.14	22.20	22.15	22.05
		2	23	24.66	24.67	24.60	22.65	22.59	22.68	24.09	24.12	24.07	22.07	22.11	22.11
		12	0	23.68	23.50	23.49	21.41	21.40	21.50	23.07	23.03	23.18	20.91	21.01	21.10
		12	6	23.46	23.52	23.66	21.53	21.41	21.69	23.06	23.10	23.16	20.98	21.09	21.09
		12	11	23.62	23.48	23.65	21.55	21.47	21.46	22.92	23.10	23.06	20.99	21.10	20.98
		25	0	23.53	23.41	23.62	21.66	21.63	21.47	23.01	23.13	23.18	20.91	21.01	21.19
	64QAM	1	0	22.96	23.14	23.12	20.91	20.98	20.98	22.52	22.67	22.50	20.55	20.41	20.66
		1	12	23.10	23.17	23.07	20.92	21.11	21.00	22.45	22.52	22.57	20.42	20.60	20.70
		1	24	23.00	23.20	23.13	21.09	21.08	20.90	22.58	22.52	22.54	20.54	20.40	20.66
		2	0	23.62	23.68	23.57	21.63	21.57	21.63	23.12	23.20	23.12	21.09	21.20	21.16
		2	23	23.65	23.58	23.63	21.56	21.60	21.58	23.17	23.19	23.13	21.08	21.05	21.08
		12	0	22.44	22.45	22.49	20.70	20.47	20.70	22.14	22.09	22.02	20.04	20.10	20.00
		12	6	22.51	22.45	22.51	20.45	20.61	20.62	22.15	22.04	22.10	20.15	20.09	19.90
		12	11	22.51	22.64	22.62	20.52	20.67	20.70	22.15	21.90	21.95	20.00	20.13	20.20
		25	0	22.43	22.59	22.49	20.64	20.57	20.45	21.97	22.13	21.95	20.18	19.99	20.14
	256QAM	1	0	20.13	19.95	19.94	18.18	17.96	17.96	19.69	19.43	19.70	17.54	17.49	17.40
		1	12	19.94	20.02	20.08	18.16	18.20	18.15	19.41	19.70	19.70	17.68	17.43	17.59
		1	24	20.00	19.90	20.08	18.08	18.20	17.90	19.50	19.43	19.66	17.63	17.56	17.52
		2	0	20.58	20.58	20.61	18.64	18.61	18.57	20.05	20.18	20.10	18.15	18.20	18.12
		2	23	20.65	20.56	20.63	18.60	18.57	18.67	20.15	20.11	20.08	18.06	18.13	18.19
		12	0	20.64	20.62	20.70	18.67	18.45	18.67	20.05	20.13	20.14	17.91	18.14	18.12
		12	6	20.69	20.52	20.67	18.67	18.45	18.40	20.20	20.09	20.06	17.96	18.07	18.13
		12	11	20.45	20.63	20.70	18.59	18.49	18.68	20.10	20.13	20.11	17.95	18.00	17.98
		25	0	20.46	20.61	20.46	18.57	18.51	18.64	19.95	19.97	20.02	17.96	17.99	17.97

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
10.0	QPSK	1	0	24.90	25.02	25.14	23.15	22.90	23.13	24.63	24.56	24.60	22.46	22.67	22.44
		1	24	25.03	25.11	25.01	22.94	23.06	23.01	24.48	24.62	24.68	22.58	22.46	22.47
		1	49	25.07	25.14	25.17	23.17	23.11	23.12	24.55	24.62	24.69	22.42	22.54	22.67
		2	0	25.70	25.56	25.60	23.62	23.70	23.66	25.19	25.19	25.20	23.08	23.09	23.20
		2	48	25.66	25.67	25.69	23.57	23.58	23.61	25.14	25.17	25.05	23.11	23.16	23.18
		25	0	24.59	24.49	24.46	22.58	22.58	22.53	23.92	24.11	24.19	21.90	22.12	22.17
		25	12	24.50	24.50	24.58	22.42	22.49	22.43	24.06	24.18	23.97	22.03	22.03	22.06
		25	24	24.47	24.56	24.65	22.68	22.42	22.47	24.17	23.99	24.00	21.93	22.00	22.08
		50	0	24.63	24.50	24.60	22.45	22.50	22.70	23.92	24.09	24.17	21.93	21.99	22.09
	16QAM	1	0	23.94	24.00	23.99	22.15	21.95	21.98	23.54	23.48	23.65	21.53	21.66	21.58
		1	24	24.00	24.16	24.04	22.06	21.94	22.09	23.50	23.66	23.43	21.43	21.60	21.52
		1	49	23.96	23.95	24.02	21.90	21.98	21.93	23.61	23.67	23.44	21.53	21.48	21.52
		2	0	24.65	24.67	24.62	22.60	22.56	22.56	24.17	24.15	24.05	22.15	22.20	22.07
		2	48	24.61	24.66	24.67	22.60	22.55	22.68	24.14	24.07	24.19	22.13	22.18	22.17
		25	0	23.67	23.55	23.40	21.48	21.49	21.48	23.20	23.09	22.92	21.15	21.16	21.16
		25	12	23.44	23.52	23.69	21.56	21.59	21.50	22.94	23.08	23.12	21.13	21.12	21.13
		25	24	23.61	23.63	23.58	21.40	21.53	21.54	23.07	23.05	23.11	20.91	21.16	21.00
		50	0	23.69	23.70	23.41	21.52	21.53	21.55	23.08	23.05	23.13	21.05	20.93	21.06
	64QAM	1	0	23.03	22.92	22.92	20.97	21.06	21.08	22.65	22.69	22.43	20.64	20.58	20.65
		1	24	23.09	23.15	23.17	21.12	20.94	20.96	22.51	22.42	22.67	20.67	20.42	20.51
		1	49	22.91	23.17	23.00	21.20	20.98	20.93	22.53	22.68	22.40	20.66	20.62	20.57
		2	0	23.64	23.61	23.61	21.64	21.70	21.61	23.17	23.18	23.16	21.09	21.06	21.05
		2	48	23.55	23.62	23.59	21.67	21.64	21.56	23.18	23.18	23.19	21.12	21.05	21.10
		25	0	22.45	22.51	22.55	20.48	20.59	20.49	21.98	21.96	22.01	20.04	19.96	20.09
		25	12	22.40	22.43	22.57	20.56	20.56	20.56	22.12	22.14	22.18	20.04	19.91	19.92
		25	24	22.42	22.64	22.64	20.63	20.40	20.68	21.98	21.98	22.15	20.11	20.18	20.00
		50	0	22.57	22.40	22.56	20.66	20.46	20.67	22.16	21.99	22.14	20.08	20.10	20.04
	256QAM	1	0	19.99	19.97	20.01	17.95	18.07	17.90	19.43	19.55	19.63	17.43	17.62	17.48
		1	24	20.05	19.90	20.07	17.92	18.04	17.91	19.69	19.57	19.66	17.49	17.63	17.63
		1	49	20.09	20.13	20.06	18.03	18.00	18.17	19.41	19.64	19.62	17.59	17.58	17.52
		2	0	20.68	20.56	20.64	18.70	18.58	18.56	20.20	20.05	20.18	18.17	18.12	18.15
		2	48	20.69	20.65	20.61	18.68	18.69	18.67	20.17	20.11	20.20	18.18	18.11	18.13
		25	0	20.45	20.47	20.64	18.58	18.63	18.45	20.11	20.02	20.17	17.92	18.13	18.06
		25	12	20.41	20.47	20.59	18.70	18.53	18.41	20.16	20.00	20.16	18.01	18.11	18.17
		25	24	20.64	20.67	20.44	18.67	18.41	18.50	19.97	20.10	20.06	18.04	18.00	18.12
		50	0	20.57	20.59	20.57	18.57	18.67	18.59	19.90	19.90	20.20	17.98	18.16	17.96

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
15.0	QPSK	1	0	1857.5	1882.5	1907.5	1857.5	1882.5	1907.5	1857.5	1882.5	1907.5	1857.5	1882.5	1907.5
		1	37	25.05	25.04	25.02	22.99	22.97	22.96	24.53	24.68	24.47	22.49	22.58	22.48
		1	74	25.13	24.95	25.11	23.04	22.97	23.02	24.60	24.69	24.62	22.47	22.55	22.63
		2	0	24.94	25.16	25.10	23.20	22.95	23.13	24.44	24.67	24.46	22.44	22.64	22.63
		2	73	25.56	25.70	25.59	23.58	23.70	23.58	25.11	25.20	25.06	23.20	23.20	23.18
		36	0	25.58	25.67	25.63	23.58	23.64	23.64	25.20	25.18	25.16	23.11	23.07	23.17
		36	16	24.53	24.59	24.56	22.60	22.57	22.58	24.00	24.11	24.09	22.13	22.20	21.94
		36	35	24.49	24.45	24.48	22.60	22.57	22.48	24.02	24.12	23.92	22.14	21.93	21.90
		75	0	24.45	24.48	24.59	22.50	22.54	22.61	24.10	23.92	24.14	22.07	21.94	22.01
		75	0	24.45	24.64	24.59	22.66	22.42	22.70	23.96	23.96	24.10	22.02	21.98	22.05
	16QAM	1	0	23.97	24.11	24.20	22.02	22.14	22.10	23.45	23.70	23.63	21.49	21.69	21.54
		1	37	24.14	24.12	24.12	22.08	22.00	22.09	23.63	23.55	23.65	21.43	21.61	21.52
		1	74	23.96	24.18	24.03	22.04	22.03	22.07	23.43	23.40	23.58	21.67	21.70	21.58
		2	0	24.61	24.66	24.56	22.66	22.55	22.65	24.07	24.05	24.15	22.14	22.19	22.20
		2	73	24.68	24.64	24.62	22.55	22.63	22.66	24.17	24.08	24.17	22.11	22.08	22.15
		36	0	23.54	23.47	23.46	21.50	21.53	21.54	23.02	23.04	23.10	21.00	20.98	21.13
		36	16	23.49	23.60	23.55	21.53	21.68	21.70	23.04	23.13	22.95	21.19	21.09	21.06
		36	35	23.55	23.58	23.40	21.47	21.62	21.63	23.18	23.04	23.07	20.97	21.07	20.94
		75	0	23.43	23.65	23.68	21.47	21.56	21.54	23.19	23.13	22.98	21.07	21.10	21.03
	64QAM	1	0	22.96	23.16	23.02	21.13	20.94	21.09	22.61	22.51	22.57	20.61	20.62	20.66
		1	37	22.95	23.20	23.03	21.18	21.12	21.10	22.64	22.70	22.64	20.62	20.64	20.49
		1	74	23.06	23.12	23.17	20.98	21.16	21.03	22.42	22.46	22.48	20.56	20.43	20.58
		2	0	23.67	23.58	23.66	21.64	21.65	21.65	23.06	23.15	23.06	21.16	21.16	21.12
		2	73	23.67	23.59	23.57	21.58	21.60	21.60	23.05	23.17	23.13	21.13	21.06	21.12
		36	0	22.47	22.68	22.68	20.52	20.54	20.52	22.06	21.94	22.03	20.10	20.14	19.93
		36	16	22.63	22.43	22.65	20.61	20.60	20.61	22.13	22.15	21.95	20.04	20.08	20.10
		36	35	22.43	22.52	22.50	20.57	20.44	20.45	22.00	22.06	22.14	19.91	20.05	20.15
		75	0	22.47	22.63	22.62	20.48	20.44	20.54	22.20	22.14	22.15	19.94	20.06	19.90
	256QAM	1	0	19.95	20.20	19.91	18.00	18.02	18.10	19.54	19.62	19.45	17.49	17.56	17.58
		1	37	20.13	20.02	20.03	18.07	17.98	18.07	19.43	19.54	19.64	17.65	17.46	17.44
		1	74	19.93	20.15	19.97	18.09	18.17	18.20	19.56	19.67	19.49	17.59	17.53	17.69
		2	0	20.70	20.62	20.57	18.62	18.67	18.60	20.09	20.16	20.20	18.05	18.07	18.07
		2	73	20.62	20.59	20.66	18.56	18.67	18.68	20.07	20.05	20.07	18.17	18.07	18.06
		36	0	20.56	20.68	20.59	18.61	18.68	18.50	19.93	20.11	19.95	18.19	17.97	17.99
		36	16	20.64	20.66	20.65	18.47	18.45	18.69	20.01	20.20	20.11	17.93	18.07	18.03
		36	35	20.48	20.47	20.51	18.69	18.61	18.62	19.94	20.03	20.20	18.13	17.93	18.11
		75	0	20.65	20.53	20.42	18.49	18.51	18.62	20.18	19.91	20.03	17.99	17.90	18.04

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
20.0	QPSK	1	0	24.99	25.04	24.98	22.95	22.93	23.12	24.52	24.56	24.65	22.48	22.47	22.41
		1	49	25.14	24.97	25.14	23.20	23.12	23.15	24.66	24.50	24.63	22.58	22.49	22.45
		1	99	25.17	24.96	24.98	23.20	22.99	22.99	24.45	24.70	24.41	22.60	22.45	22.67
		2	0	25.55	25.60	25.70	23.70	23.69	23.58	25.13	25.18	25.20	23.10	23.12	23.08
		2	98	25.60	25.66	25.59	23.67	23.62	23.67	25.19	25.07	25.20	23.10	23.20	23.12
		50	0	24.52	24.44	24.49	22.46	22.70	22.57	23.97	23.96	23.94	22.18	22.18	22.11
		50	24	24.68	24.62	24.61	22.40	22.67	22.65	23.90	24.01	24.12	22.01	22.15	21.92
		50	49	24.51	24.69	24.48	22.50	22.44	22.41	24.13	24.17	24.09	22.00	22.16	21.97
		100	0	24.40	24.59	24.68	22.44	22.56	22.42	24.08	24.00	24.18	22.17	21.96	22.16
	16QAM	1	0	23.94	23.92	24.18	22.08	21.98	22.19	23.46	23.53	23.48	21.65	21.54	21.54
		1	49	24.17	24.13	24.04	22.07	21.90	22.03	23.59	23.47	23.56	21.70	21.47	21.40
		1	99	23.92	23.92	24.07	22.02	22.03	21.90	23.56	23.44	23.46	21.66	21.64	21.41
		2	0	24.59	24.65	24.57	22.65	22.58	22.61	24.12	24.12	24.17	22.18	22.06	22.14
		2	98	24.61	24.61	24.67	22.67	22.55	22.68	24.20	24.16	24.20	22.09	22.16	22.09
		50	0	23.63	23.43	23.58	21.58	21.61	21.47	23.20	23.06	22.96	21.19	20.97	21.08
		50	24	23.67	23.50	23.67	21.45	21.56	21.51	23.15	22.92	22.94	21.03	21.11	21.19
		50	49	23.42	23.62	23.48	21.49	21.40	21.51	23.03	22.97	23.08	21.00	21.09	21.04
		100	0	23.57	23.49	23.67	21.62	21.60	21.67	22.92	23.13	23.09	20.91	20.90	20.93
	64QAM	1	0	23.01	23.02	23.01	20.94	21.20	21.13	22.59	22.41	22.67	20.62	20.42	20.51
		1	49	23.01	23.19	23.00	21.08	21.06	21.13	22.63	22.40	22.46	20.55	20.48	20.62
		1	99	23.08	23.04	22.94	21.19	21.05	20.98	22.50	22.43	22.50	20.51	20.44	20.68
		2	0	23.60	23.57	23.58	21.69	21.68	21.58	23.18	23.05	23.07	21.13	21.11	21.09
		2	98	23.57	23.62	23.64	21.64	21.68	21.65	23.06	23.11	23.19	21.10	21.13	21.07
		50	0	22.41	22.61	22.55	20.70	20.55	20.54	22.01	21.95	22.16	19.97	20.14	20.09
		50	24	22.68	22.50	22.60	20.68	20.52	20.55	21.94	22.04	21.99	19.95	20.13	20.01
		50	49	22.47	22.62	22.60	20.59	20.49	20.56	22.08	22.17	22.19	20.02	20.12	19.98
		100	0	22.49	22.56	22.60	20.43	20.63	20.67	22.17	22.14	21.97	19.96	20.06	19.97
	256QAM	1	0	20.05	19.91	19.98	17.98	17.95	18.10	19.53	19.57	19.46	17.67	17.66	17.43
		1	49	20.05	20.13	19.94	17.94	18.12	18.05	19.49	19.45	19.44	17.63	17.42	17.44
		1	99	20.16	20.07	20.03	18.07	17.90	18.04	19.58	19.67	19.40	17.51	17.48	17.66
		2	0	20.69	20.62	20.62	18.61	18.65	18.62	20.05	20.16	20.20	18.13	18.11	18.05
		2	98	20.69	20.61	20.69	18.59	18.60	18.67	20.06	20.19	20.11	18.19	18.17	18.16
		50	0	20.61	20.54	20.69	18.58	18.46	18.54	19.93	20.05	20.17	18.19	17.94	17.93
		50	24	20.63	20.42	20.63	18.59	18.40	18.63	20.16	20.09	20.06	18.10	18.07	18.03
		50	49	20.40	20.40	20.51	18.49	18.46	18.69	19.96	19.96	19.91	17.93	18.13	18.16
		100	0	20.43	20.49	20.42	18.56	18.70	18.56	19.95	20.05	20.13	18.13	18.14	17.96

5G NR n25

Test Engineer ID:	106238	Test Date:	8/5/2024
-------------------	--------	------------	----------

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
5.0	BPSK	1	0	1852.5	1882.5	1912.5	1852.5	1882.5	1912.5	1852.5	1882.5	1912.5	1852.5	1882.5	1912.5
		1	1	24.51	24.42	24.67	22.67	22.47	22.41	24.10	24.14	23.92	22.01	21.98	22.17
		1	1	25.13	25.16	25.13	23.13	23.18	23.04	24.60	24.43	24.51	22.44	22.60	22.45
		1	23	25.17	25.16	25.06	23.05	23.19	22.94	24.57	24.52	24.65	22.41	22.50	22.55
		1	24	24.62	24.65	24.54	22.65	22.57	22.60	24.15	23.97	24.03	22.04	21.90	22.09
		12	6	25.70	25.70	25.70	23.70	23.70	23.70	25.20	25.20	25.20	23.20	23.20	23.20
	QPSK	25	0	24.90	25.20	25.15	22.94	23.08	23.18	24.46	24.69	24.58	22.53	22.45	22.47
		1	0	24.10	24.08	24.13	22.16	22.08	22.10	23.40	23.60	23.66	21.70	21.64	21.42
		1	1	25.18	25.18	24.96	22.98	23.01	23.09	24.53	24.52	24.48	22.54	22.57	22.70
		1	23	25.03	25.11	25.05	23.20	22.95	23.13	24.60	24.62	24.46	22.64	22.69	22.50
		1	24	24.17	23.96	24.17	22.18	22.12	22.10	23.44	23.66	23.53	21.59	21.54	21.40
		12	6	25.68	25.66	25.60	23.64	23.67	23.66	25.11	25.13	25.11	23.13	23.13	23.16
	16QAM	25	0	24.62	24.67	24.46	22.49	22.64	22.66	24.02	24.16	24.08	21.90	21.96	22.09
		1	0	23.11	23.01	22.90	21.07	21.12	21.04	22.58	22.41	22.40	20.48	20.42	20.57
		1	1	24.15	24.07	23.90	22.05	22.14	21.95	23.62	23.66	23.67	21.49	21.66	21.60
		1	23	24.04	24.16	23.94	21.92	22.14	22.20	23.60	23.54	23.54	21.46	21.45	21.45
		1	24	23.14	22.91	23.16	21.08	20.94	21.11	22.59	22.40	22.55	20.52	20.56	20.45
		12	6	24.40	24.53	24.42	22.69	22.61	23.95	24.10	24.05	22.12	22.13	22.20	22.20
	64QAM	25	0	23.48	23.69	23.45	21.50	21.64	21.44	23.06	23.00	23.16	21.00	20.96	21.18
		1	0	22.59	22.65	22.63	20.68	20.41	20.43	21.97	22.00	22.01	19.97	20.01	19.91
		1	1	22.70	22.59	22.40	20.70	20.50	20.70	22.11	22.12	21.92	19.98	20.02	20.06
		1	23	22.48	22.55	22.66	20.66	20.48	20.69	21.97	22.05	22.03	20.15	20.18	20.16
		1	24	22.58	22.42	22.50	20.46	20.69	20.68	22.11	22.01	22.08	20.15	20.12	20.11
		12	6	23.00	22.90	23.07	21.20	21.02	20.94	22.41	22.41	22.64	20.51	20.67	20.56
	256QAM	25	0	22.95	23.16	22.93	21.07	21.02	21.07	22.66	22.61	22.70	20.41	20.44	20.66
		1	0	20.64	20.41	20.46	18.66	18.50	18.64	20.06	20.15	20.02	17.99	17.98	18.05
		1	1	20.62	20.58	20.70	18.49	18.49	18.43	20.16	20.07	20.12	18.18	17.95	18.17
		1	23	20.46	20.66	20.70	18.44	18.69	18.49	19.90	19.96	20.18	18.11	17.93	18.13
		1	24	20.59	20.60	20.57	18.55	18.61	18.66	19.94	20.09	20.04	18.01	17.96	18.10
		12	6	21.06	21.11	21.20	18.93	19.20	18.92	20.41	20.65	20.64	18.48	18.69	18.49
		25	0	21.05	21.16	21.07	19.18	19.19	19.09	20.52	20.47	20.61	18.65	18.63	18.66

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
10.0	BPSK	1	0	1855.0	1882.5	1910.0	1855.0	1882.5	1910.0	1855.0	1882.5	1910.0	1855.0	1882.5	1910.0
		1	1	24.40	24.61	24.46	22.45	22.62	22.53	24.05	24.11	24.08	22.01	21.91	22.08
		1	1	25.10	24.94	25.11	23.07	23.11	23.19	24.57	24.65	24.58	22.70	22.56	22.42
		1	50	25.10	25.13	25.06	22.98	23.17	23.02	24.50	24.45	24.69	22.42	22.55	22.48
		1	51	24.69	24.64	24.52	22.43	22.62	22.55	24.05	24.12	24.01	21.98	22.20	22.12
		25	12	25.70	25.70	25.70	23.70	23.70	23.70	25.20	25.20	25.20	23.20	23.20	23.20
	QPSK	50	0	24.93	25.07	25.10	23.05	23.10	23.16	24.45	24.60	24.53	22.50	22.51	22.47
		1	0	24.17	23.95	24.14	22.01	22.02	22.10	23.53	23.67	23.53	21.48	21.49	21.58
		1	1	25.10	24.98	25.14	22.95	23.10	23.12	24.57	24.62	24.69	22.55	22.45	22.66
		1	50	25.07	25.11	24.92	22.90	23.12	22.93	24.63	24.69	24.41	22.60	22.51	22.56
		1	51	24.07	24.17	24.00	22.02	21.90	22.06	23.40	23.46	23.63	21.48	21.40	21.57
		25	12	25.64	25.68	25.68	23.62	23.63	23.62	25.16	25.13	25.18	23.17	23.16	23.12
	16QAM	50	0	24.50	24.48	24.66	22.57	22.53	22.68	23.91	23.97	23.98	21.92	21.98	21.90
		1	0	22.94	22.90	23.05	21.14	21.19	21.19	22.55	22.54	22.48	20.65	20.63	20.68
		1	1	23.90	24.02	24.13	22.09	22.10	22.01	23.40	23.48	23.64	21.68	21.53	21.47
		1	50	24.04	24.14	24.09	21.98	22.19	21.95	23.65	23.59	23.48	21.46	21.67	21.45
		1	51	22.93	23.19	23.16	21.10	21.16	21.19	22.46	22.41	22.59	20.42	20.44	20.53
		25	12	24.42	24.66	24.64	22.40	22.47	22.67	23.93	24.09	24.00	22.02	22.18	22.08
	64QAM	50	0	23.66	23.62	23.58	21.42	21.46	21.42	23.05	23.09	23.18	20.92	21.02	21.14
		1	0	22.68	22.63	22.61	20.69	20.66	20.42	22.07	22.15	22.16	20.01	19.93	20.08
		1	1	22.69	22.62	22.44	20.64	20.53	20.64	22.11	21.94	22.07	20.17	20.03	20.08
		1	50	22.65	22.66	22.50	20.50	20.53	20.53	21.94	21.94	22.20	20.16	19.98	19.93
		1	51	22.40	22.48	22.66	20.44	20.46	20.54	21.93	22.12	21.97	19.97	19.90	19.93
		25	12	23.02	23.12	23.19	20.99	21.00	20.94	22.44	22.62	22.54	20.48	20.60	20.65
	256QAM	50	0	22.93	23.18	22.95	21.16	21.20	20.96	22.60	22.61	22.57	20.55	20.56	20.47
		1	0	20.42	20.50	20.63	18.41	18.56	18.50	19.95	20.15	20.17	18.03	18.02	18.16
		1	1	20.55	20.57	20.44	18.50	18.63	18.60	20.08	20.01	19.99	18.00	18.10	18.13
		1	50	20.63	20.65	20.43	18.56	18.41	18.62	20.16	20.07	20.17	18.18	18.16	18.18
		1	51	20.54	20.53	20.56	18.50	18.53	18.41	19.93	19.99	20.00	18.20	17.97	18.02
		25	12	21.12	21.18	21.00	19.12	19.09	18.98	20.48	20.53	20.50	18.65	18.53	18.48
		50	0	21.19	21.09	20.95	18.91	19.07	19.07	20.70	20.52	20.43	18.40	18.56	18.68

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
15.0	BPSK	1	0	1857.5	1882.5	1907.5	1857.5	1882.5	1907.5	1857.5	1882.5	1907.5	1857.5	1882.5	1907.5
		1	1	24.49	24.63	24.63	22.62	22.50	22.66	24.06	24.04	24.03	22.17	22.20	22.04
		1	1	24.97	25.05	25.11	23.20	22.96	23.11	24.62	24.57	24.51	22.64	22.56	22.49
		1	77	25.20	24.90	24.98	22.91	23.14	23.19	24.43	24.41	24.45	22.62	22.49	22.53
		1	78	24.64	24.47	24.40	22.54	22.63	22.67	24.17	24.07	23.91	22.15	22.04	22.19
		36	18	25.70	25.70	25.70	23.70	23.70	23.70	25.20	25.20	25.20	23.20	23.20	23.20
	QPSK	75	0	25.01	25.05	24.95	23.12	23.07	22.91	24.69	24.51	24.49	22.61	22.46	22.47
		1	0	23.93	24.17	24.01	22.09	22.17	21.96	23.65	23.40	23.44	21.54	21.47	21.59
		1	1	25.07	24.90	24.90	23.12	23.01	23.10	24.58	24.55	24.47	22.42	22.58	22.44
		1	77	25.00	25.13	25.16	23.17	22.91	23.20	24.52	24.68	24.44	22.40	22.63	22.52
		1	78	24.16	24.11	24.04	22.16	22.04	22.12	23.41	23.56	23.58	21.50	21.50	21.65
		36	18	25.62	25.60	25.64	23.65	23.63	23.69	25.11	25.15	25.17	23.12	23.17	23.18
	16QAM	75	0	24.43	24.44	24.64	22.48	22.56	22.41	24.18	24.06	24.00	21.90	22.19	22.11
		1	0	23.15	22.94	23.05	21.00	21.10	21.03	22.69	22.41	22.67	20.42	20.70	20.60
		1	1	24.05	24.15	24.10	22.03	22.20	22.05	23.42	23.69	23.43	21.53	21.53	21.67
		1	77	24.12	23.94	23.98	22.10	22.19	22.03	23.69	23.44	23.48	21.52	21.65	21.66
		1	78	22.96	23.00	23.01	21.15	21.18	21.11	22.47	22.49	22.48	20.67	20.61	20.58
		36	18	24.58	24.69	24.44	22.57	22.47	22.54	24.20	24.11	23.99	22.12	21.92	21.90
	64QAM	75	0	23.63	23.62	23.54	21.47	21.52	21.51	22.92	23.11	23.03	21.11	21.04	20.92
		1	0	22.65	22.45	22.63	20.53	20.70	20.69	22.19	21.93	22.03	20.18	20.10	20.01
		1	1	22.54	22.49	22.43	20.62	20.43	20.63	21.93	22.03	21.92	19.95	20.03	20.17
		1	77	22.43	22.52	22.67	20.48	20.50	20.63	22.09	22.06	22.13	20.08	20.14	19.94
		1	78	22.46	22.59	22.67	20.66	20.42	20.49	21.92	21.98	22.10	20.12	20.11	19.96
		36	18	23.07	22.90	22.98	21.13	21.11	21.10	22.59	22.41	22.63	20.69	20.66	20.45
	256QAM	75	0	23.00	23.17	23.20	21.06	21.12	21.07	22.42	22.69	22.60	20.58	20.67	20.59
		1	0	20.64	20.43	20.41	18.48	18.52	18.69	20.03	20.05	20.12	18.19	18.08	18.11
		1	1	20.50	20.56	20.44	18.45	18.45	18.49	20.17	19.95	19.93	18.07	17.95	17.96
		1	77	20.60	20.58	20.42	18.62	18.69	18.43	20.14	20.11	19.95	18.06	18.05	18.17
		1	78	20.62	20.67	20.64	18.63	18.61	18.64	20.01	19.96	19.99	18.15	18.17	18.17
		36	18	21.06	21.00	21.11	19.19	19.16	19.19	20.55	20.55	20.52	18.54	18.50	18.49
		75	0	20.94	20.96	21.15	18.94	19.12	19.07	20.69	20.67	20.64	18.49	18.65	18.60

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
20.0	BPSK	1	0	1860.0	1882.5	1905.0	1860.0	1882.5	1905.0	1860.0	1882.5	1905.0	1860.0	1882.5	1905.0
		1	1	24.69	24.43	24.70	22.52	22.45	22.65	24.10	24.11	24.09	22.02	22.09	22.10
		1	1	25.12	25.19	25.14	23.20	23.01	23.07	24.63	24.41	24.53	22.62	22.53	22.40
		1	104	24.95	25.17	24.94	22.95	23.15	22.93	24.57	24.70	24.48	22.48	22.64	22.40
		1	105	24.48	24.50	24.57	22.67	22.60	22.57	24.08	23.98	24.11	22.09	21.91	22.05
		50	25	25.70	25.70	25.70	23.70	23.70	23.70	25.20	25.20	25.20	23.20	23.20	23.20
	QPSK	100	0	25.01	24.94	24.92	23.16	23.08	23.16	24.51	24.45	24.43	22.40	22.57	22.65
		1	0	24.12	24.00	23.92	22.08	21.99	22.05	23.58	23.67	23.51	21.51	21.55	21.44
		1	1	25.10	25.15	25.11	22.93	23.10	23.08	24.58	24.51	24.61	22.69	22.44	22.69
		1	104	25.18	25.19	25.12	23.02	23.17	22.92	24.49	24.56	24.43	22.60	22.54	22.67
		1	105	24.00	24.11	24.00	21.93	22.11	22.08	23.70	23.53	23.67	21.59	21.43	21.65
		50	25	25.67	25.69	25.64	23.60	23.68	23.62	25.18	25.18	25.19	23.12	23.14	23.13
	16QAM	100	0	24.42	24.56	24.53	22.53	22.47	22.54	23.92	24.10	24.18	22.16	22.13	22.19
		1	0	23.19	23.20	22.96	21.09	21.11	21.20	22.45	22.68	22.65	20.58	20.46	20.50
		1	1	24.14	24.11	24.18	22.09	21.90	22.02	23.60	23.68	23.44	21.67	21.40	21.52
		1	104	23.99	23.97	23.95	22.10	22.02	22.08	23.49	23.51	23.54	21.49	21.61	21.53
		1	105	22.90	23.03	22.97	20.92	21.08	21.02	22.49	22.60	22.57	20.64	20.56	20.57
		50	25	24.47	24.63	24.52	22.64	22.48	22.56	23.94	24.08	23.96	22.11	22.17	22.18
	64QAM	100	0	23.59	23.53	23.61	21.68	21.60	21.40	23.17	23.18	23.05	21.12	21.04	21.17
		1	0	22.57	22.47	22.68	20.47	20.61	20.63	21.99	22.11	22.18	20.20	20.09	19.97
		1	1	22.58	22.45	22.42	20.43	20.52	20.66	22.14	22.01	22.20	19.98	20.09	20.15
		1	104	22.48	22.40	22.58	20.50	20.46	20.42	21.95	21.94	22.11	20.06	19.91	20.10
		1	105	22.53	22.49	22.70	20.45	20.64	20.51	21.97	22.19	22.15	19.94	20.08	20.17
		50	25	23.15	22.94	22.95	20.93	21.11	21.00	22.47	22.61	22.66	20.60	20.51	20.66
	256QAM	100	0	23.04	23.15	23.05	21.15	20.94	21.00	22.52	22.45	22.57	20.48	20.56	20.40
		1	0	20.51	20.64	20.66	18.53	18.67	18.44	19.97	20.13	20.03	17.97	17.90	18.15
		1	1	20.54	20.53	20.48	18.46	18.59	18.42	20.03	19.93	20.12	17.95	17.98	18.09
		1	104	20.42	20.65	20.63	18.50	18.42	18.49	20.05	19.91	19.90	18.14	18.11	17.93
		1	105	20.41	20.67	20.42	18.44	18.46	18.62	19.95	19.92	20.11	18.18	18.01	18.17
		50	25	20.93	21.12	21.09	19.00	18.97	18.92	20.70	20.53	20.45	18.66	18.57	18.64
		100	0	21.16	21.12	20.90	18.96	19.07	19.02	20.56	20.69	20.53	18.51	18.52	18.53

OUTPUT POWER FOR 5G NR n25 (25.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				372500	376500	380500	372500	376500	380500	372500	376500	380500	372500	376500	380500
25.0	BPSK	1	0	24.55	24.67	24.51	22.45	22.63	22.58	24.18	24.11	24.13	22.06	22.03	22.17
		1	1	25.18	25.13	24.94	23.20	22.98	23.09	24.50	24.61	24.50	22.47	22.67	22.54
		1	132	25.20	25.17	24.95	23.18	22.93	23.15	24.68	24.49	24.44	22.62	22.66	22.45
		1	131	24.61	24.68	24.52	22.68	22.57	22.65	23.95	24.08	24.16	22.01	22.04	22.12
		64	32	25.70	25.70	25.70	23.70	23.70	23.70	25.20	25.20	25.20	23.20	23.20	23.20
		128	0	25.07	24.96	25.19	23.18	23.10	23.09	24.67	24.51	24.63	22.46	22.48	22.44
	QPSK	1	0	24.14	24.18	23.97	22.02	22.06	22.07	23.51	23.62	23.47	21.56	21.68	21.58
		1	1	25.00	24.92	25.03	22.97	23.18	23.02	24.53	24.56	24.62	22.59	22.56	22.59
		1	132	24.91	24.96	25.08	23.18	23.10	23.00	24.49	24.54	24.58	22.58	22.43	22.41
		1	131	24.18	23.95	24.07	21.97	21.93	21.96	23.65	23.45	23.40	21.48	21.58	21.68
		64	32	25.66	25.64	25.67	23.60	23.66	23.61	25.19	25.15	25.10	23.19	23.13	23.18
		128	0	24.63	24.56	24.65	22.48	22.68	22.61	24.19	24.14	24.06	22.15	21.95	22.19
	16QAM	1	0	23.13	23.08	23.10	20.94	21.03	21.06	22.56	22.69	22.58	20.46	20.42	20.61
		1	1	24.16	24.10	23.99	21.99	22.01	22.03	23.40	23.66	23.49	21.67	21.65	21.54
		1	132	23.90	24.18	24.00	22.16	22.05	22.00	23.52	23.41	23.62	21.61	21.59	21.49
		1	131	23.14	23.08	23.00	21.13	21.14	20.95	22.56	22.53	22.44	20.45	20.50	20.50
		64	32	24.43	24.48	24.52	22.67	22.46	22.46	24.12	24.03	24.06	22.14	22.03	21.99
		128	0	23.63	23.56	23.62	21.69	21.48	21.52	22.95	23.04	23.15	21.02	21.17	21.01
	64QAM	1	0	22.46	22.68	22.64	20.66	20.70	20.42	22.14	21.99	22.09	19.99	20.03	20.16
		1	1	22.54	22.50	22.52	20.63	20.58	20.54	22.10	22.18	21.96	20.09	20.03	19.98
		1	132	22.56	22.50	22.46	20.70	20.40	20.44	22.15	22.15	22.00	19.91	20.18	19.90
		1	131	22.67	22.52	22.59	20.62	20.51	20.58	22.09	21.98	21.99	19.96	20.16	20.15
		64	32	22.98	23.04	22.95	20.90	20.90	20.94	22.47	22.40	22.60	20.66	20.60	20.64
		128	0	23.20	23.06	23.18	21.11	21.05	21.05	22.55	22.45	22.65	20.45	20.60	20.61
	256QAM	1	0	20.52	20.56	20.69	18.64	18.68	18.66	19.94	20.10	19.98	18.08	18.17	17.99
		1	1	20.45	20.66	20.54	18.62	18.51	18.61	20.20	20.03	20.13	17.90	17.93	17.91
		1	132	20.50	20.47	20.42	18.44	18.44	18.55	20.14	19.90	19.94	18.09	18.20	18.05
		1	131	20.43	20.40	20.54	18.49	18.67	18.56	19.93	20.13	20.11	18.10	18.14	18.12
		64	32	21.14	20.97	20.96	19.19	18.94	18.93	20.65	20.49	20.57	18.61	18.43	18.45
		128	0	21.20	20.98	21.12	19.17	19.10	19.01	20.51	20.64	20.47	18.61	18.63	18.70

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
30.0	BPSK	1	0	24.49	24.46	24.57	22.47	22.65	22.44	24.04	24.05	24.18	22.08	22.10	22.15
		1	1	25.07	25.05	25.08	22.93	22.95	23.11	24.51	24.63	24.53	22.67	22.45	22.41
		1	158	24.99	25.05	24.93	23.18	23.06	23.16	24.45	24.63	24.60	22.46	22.46	22.68
		1	159	24.44	24.46	24.62	22.67	22.46	22.42	23.92	24.04	24.19	22.18	21.94	22.05
		80	40	25.70	25.70	25.70	23.70	23.70	23.70	25.20	25.20	25.20	23.20	23.20	23.20
		160	0	25.10	25.03	25.10	22.90	22.90	23.17	24.48	24.46	24.69	22.42	22.40	22.54
	QPSK	1	0	23.99	24.13	24.10	21.94	22.09	21.94	23.51	23.68	23.58	21.68	21.61	21.61
		1	1	24.97	25.01	25.17	22.95	22.91	23.17	24.47	24.48	24.45	22.44	22.66	22.42
		1	158	25.17	24.91	25.20	23.15	23.00	23.15	24.49	24.48	24.65	22.45	22.67	22.58
		1	159	24.18	24.01	24.06	21.97	22.16	22.20	23.54	23.62	23.54	21.62	21.50	21.55
		80	40	25.66	25.63	25.67	23.68	23.60	23.66	25.15	25.15	25.15	23.17	23.18	23.17
		160	0	24.62	24.47	24.67	22.54	22.60	22.64	23.93	23.91	24.18	22.06	21.91	21.99
	16QAM	1	0	22.93	23.16	22.97	21.16	21.13	21.12	22.41	22.64	22.65	20.43	20.61	20.50
		1	1	23.95	24.06	23.98	21.92	22.12	22.00	23.57	23.57	23.48	21.69	21.58	21.67
		1	158	24.11	24.19	24.09	22.01	21.90	22.14	23.60	23.47	23.53	21.45	21.53	21.68
		1	159	22.96	22.98	23.13	21.03	20.96	21.02	22.54	22.57	22.50	20.51	20.44	20.51
		80	40	24.67	24.53	24.44	22.61	22.46	22.69	24.04	24.10	24.17	22.00	22.07	22.20
		160	0	23.53	23.65	23.55	21.40	21.62	21.55	23.02	23.15	22.96	21.13	21.19	21.07
	64QAM	1	0	22.70	22.66	22.67	20.57	20.65	20.68	22.14	21.91	21.90	20.11	20.14	20.17
		1	1	22.52	22.51	22.68	20.48	20.57	20.49	21.94	22.03	22.06	20.03	19.93	20.01
		1	158	22.55	22.58	22.65	20.51	20.46	20.42	21.91	21.95	22.15	20.15	20.12	19.91
		1	159	22.46	22.43	22.43	20.61	20.62	20.59	22.09	22.11	21.91	20.05	19.97	20.08
		80	40	22.94	22.97	23.10	21.05	20.90	21.00	22.51	22.40	22.54	20.56	20.66	20.41
		160	0	23.14	22.96	23.15	21.13	21.16	21.03	22.55	22.57	22.68	20.66	20.68	20.64
	256QAM	1	0	20.64	20.46	20.58	18.68	18.62	18.51	20.13	20.09	20.12	18.05	18.18	18.11
		1	1	20.60	20.52	20.66	18.61	18.44	18.68	20.12	19.92	20.08	17.94	18.17	18.11
		1	158	20.63	20.65	20.60	18.70	18.70	18.59	20.17	19.94	20.17	18.19	18.03	17.90
		1	159	20.68	20.46	20.64	18.42	18.44	18.50	19.94	20.10	20.08	18.01	17.96	17.94
		80	40	21.12	20.96	20.90	19.02	18.95	19.05	20.58	20.54	20.57	18.48	18.60	18.63
		160	0	21.13	21.08	21.01	19.16	19.07	19.02	20.51	20.50	20.58	18.56	18.49	18.70

OUTPUT POWER FOR 5G NR n25 (35.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				373500	376500	397500	373500	376500	397500	373500	376500	397500	373500	376500	397500
35.0	BPSK	1	0	24.48	24.46	24.49	22.69	22.68	22.55	23.99	24.18	24.12	21.97	22.03	22.03
		1	1	25.20	24.94	25.11	22.90	23.13	23.04	24.54	24.57	24.61	22.53	22.41	22.62
		1	158	25.18	25.18	24.91	22.98	23.19	23.07	24.57	24.64	24.49	22.44	22.45	22.46
		1	159	24.42	24.52	24.45	22.59	22.54	22.46	24.10	24.18	23.99	22.03	21.90	22.03
		80	40	25.70	25.70	25.70	23.70	23.70	23.70	25.20	25.20	25.20	23.20	23.20	23.20
		160	0	24.98	25.11	24.90	22.94	22.98	23.18	24.50	24.52	24.50	22.41	22.59	22.47
	QPSK	1	0	23.99	24.07	23.96	21.99	22.02	22.03	23.67	23.51	23.45	21.41	21.56	21.57
		1	1	25.11	25.12	25.10	23.13	23.10	23.09	24.70	24.61	24.55	22.48	22.51	22.48
		1	158	25.08	24.98	24.92	23.02	23.11	23.11	24.43	24.55	24.58	22.70	22.69	22.45
		1	159	23.92	24.04	24.11	21.91	21.93	22.15	23.41	23.66	23.67	21.56	21.46	21.64
		80	40	25.67	25.68	25.63	23.66	23.65	23.62	25.18	25.13	25.10	23.19	23.19	23.12
		160	0	24.70	24.50	24.66	22.60	22.54	22.43	24.12	23.93	23.96	22.13	22.17	22.01
	16QAM	1	0	22.90	23.01	22.92	20.92	21.17	21.20	22.51	22.45	22.40	20.41	20.66	20.41
		1	1	24.20	23.97	24.18	21.98	22.07	22.03	23.53	23.47	23.44	21.57	21.47	21.42
		1	158	24.04	24.02	24.16	22.14	21.98	21.91	23.59	23.66	23.54	21.43	21.46	21.52
		1	159	22.90	23.06	22.90	20.91	21.16	20.95	22.70	22.52	22.42	20.41	20.53	20.60
		80	40	24.45	24.49	24.52	22.69	22.68	22.51	24.06	24.17	24.01	22.01	22.08	22.08
		160	0	23.67	23.66	23.60	21.59	21.60	21.50	23.20	23.05	23.11	21.16	21.04	21.15
	64QAM	1	0	22.53	22.57	22.57	20.53	20.53	20.41	21.95	21.96	22.10	20.17	20.00	20.14
		1	1	22.70	22.40	22.54	20.52	20.63	20.65	21.98	22.02	21.95	20.18	20.03	20.04
		1	158	22.61	22.42	22.49	20.59	20.42	20.62	22.19	21.91	22.01	20.13	20.05	19.99
		1	159	22.67	22.68	22.45	20.53	20.50	20.64	22.01	21.92	21.98	20.00	20.16	20.03
		80	40	22.91	23.16	23.14	21.15	20.90	21.18	22.63	22.47	22.53	20.57	20.55	20.50
		160	0	23.19	22.94	23.16	21.06	21.19	21.10	22.45	22.58	22.41	20.48	20.56	20.42
	256QAM	1	0	20.60	20.42	20.41	18.67	18.42	18.69	20.09	19.98	19.93	18.02	18.07	18.07
		1	1	20.52	20.42	20.66	18.43	18.67	18.41	20.15	20.20	19.94	17.93	17.93	18.11
		1	158	20.45	20.63	20.44	18.43	18.44	18.68	20.09	20.12	19.90	18.04	18.05	18.13
		1	159	20.51	20.60	20.47	18.55	18.53	18.61	20.14	19.94	20.14	18.14	18.13	18.00
		80	40	20.98	20.98	20.91	19.14	19.11	18.97	20.40	20.62	20.61	18.56	18.54	18.41
		160	0	21.03	20.93	21.20	18.91	19.04	19.11	20.68	20.47	20.66	18.49	18.62	18.48

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
40.0	BPSK	1	0	24.55	24.65	24.66	22.42	22.62	22.69	23.99	24.08	24.18	22.16	22.12	21.98
		1	1	25.19	25.16	24.94	23.02	23.11	23.07	24.64	24.56	24.67	22.64	22.42	22.40
		1	214	25.13	25.19	25.15	23.04	22.98	23.08	24.43	24.56	24.40	22.64	22.58	22.56
		1	215	24.41	24.40	24.56	22.41	22.65	22.40	24.18	24.01	24.03	22.04	21.93	22.06
		108	54	25.70	25.70	25.70	23.70	23.70	23.70	25.20	25.20	25.20	23.20	23.20	23.20
		216	0	24.95	25.08	25.02	23.10	23.11	23.08	24.57	24.57	24.41	22.60	22.52	22.47
	QPSK	1	0	24.01	24.10	24.11	22.10	22.12	21.92	23.70	23.70	23.66	21.60	21.64	21.61
		1	1	24.91	24.98	25.17	23.16	23.01	22.92	24.49	24.64	24.63	22.61	22.61	22.64
		1	214	25.01	24.91	25.02	23.07	23.06	23.04	24.43	24.65	24.48	22.66	22.42	22.55
		1	215	24.13	24.08	23.91	22.11	22.20	22.14	23.56	23.56	23.47	21.49	21.70	21.63
		108	54	25.65	25.61	25.64	23.64	23.67	23.63	25.14	25.10	25.17	23.15	23.13	23.16
		216	0	24.56	24.57	24.65	22.49	22.45	22.70	24.05	24.00	23.99	21.99	22.07	22.14
	16QAM	1	0	23.03	23.17	23.02	20.99	20.93	21.20	22.64	22.48	22.46	20.56	20.47	20.54
		1	1	23.99	23.92	24.20	21.94	21.98	22.11	23.56	23.58	23.67	21.66	21.57	21.40
		1	214	24.00	24.05	24.10	22.09	22.05	22.05	23.66	23.48	23.42	21.43	21.64	21.56
		1	215	22.94	22.95	23.20	21.02	21.16	21.00	22.42	22.64	22.60	20.54	20.40	20.54
		108	54	24.58	24.67	24.42	22.64	22.61	22.67	24.15	24.01	24.15	21.90	22.01	22.14
		216	0	23.41	23.70	23.51	21.40	21.43	21.68	23.14	22.99	23.20	21.16	21.03	20.95
	64QAM	1	0	22.63	22.48	22.58	20.57	20.64	20.67	22.20	21.94	22.04	20.09	20.07	19.97
		1	1	22.67	22.46	22.54	20.70	20.52	20.70	21.98	22.16	22.02	20.13	19.94	20.18
		1	214	22.53	22.68	22.43	20.41	20.55	20.40	22.01	22.16	22.00	20.05	19.93	19.97
		1	215	22.67	22.69	22.57	20.55	20.47	20.52	22.03	22.05	21.95	20.12	20.20	20.00
		108	54	22.93	22.99	23.19	21.12	21.13	21.07	22.61	22.43	22.63	20.64	20.60	20.59
		216	0	22.97	23.13	22.92	20.96	21.18	21.16	22.45	22.55	22.68	20.46	20.40	20.70
	256QAM	1	0	20.46	20.51	20.50	18.45	18.61	18.69	19.93	20.00	19.95	18.09	18.08	18.12
		1	1	20.53	20.43	20.49	18.70	18.51	18.64	19.90	20.15	20.19	18.19	18.13	18.09
		1	214	20.53	20.64	20.59	18.70	18.61	18.47	20.07	19.96	19.91	18.01	18.07	18.03
		1	215	20.40	20.54	20.45	18.62	18.49	18.63	20.11	19.93	19.99	18.03	18.03	18.06
		108	54	21.00	20.92	21.11	19.01	18.97	19.13	20.51	20.68	20.67	18.70	18.50	18.54
		216	0	20.92	21.16	21.09	18.98	19.09	19.20	20.65	20.63	20.59	18.62	18.50	18.60

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

LTE BAND 26

Test Engineer ID:	25780	Test Date:	2024-07-23
-------------------	-------	------------	------------

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
1.4	QPSK			814.7	819.0	823.3	814.7	819.0	823.3
		1	0	24.93	24.99	25.04	23.92	24.14	24.19
		1	2	24.98	25.00	24.98	24.06	24.09	24.00
		1	5	24.92	24.90	25.18	24.02	24.06	23.92
		2	0	25.60	25.66	25.48	24.52	24.58	24.40
		2	4	25.64	25.63	25.60	24.53	24.52	24.49
		3	0	25.67	25.70	25.67	24.68	24.70	24.65
		3	1	25.68	25.69	25.69	24.70	24.65	24.65
		3	2	25.65	25.65	25.67	24.68	24.70	24.69
		6	0	24.57	24.51	24.42	23.67	23.70	23.46
		1	0	24.09	23.90	23.90	23.14	23.13	22.98
		1	2	24.03	24.15	24.06	23.18	23.05	23.17
		1	5	23.92	23.97	24.01	23.17	23.19	22.92
		2	0	25.18	25.24	25.06	23.89	23.95	23.77
		2	4	25.26	25.25	25.22	23.91	23.90	23.87
		3	0	24.60	24.45	24.63	23.69	23.47	23.44
		3	1	24.42	24.62	24.40	23.60	23.63	23.49
	16QAM	3	2	24.68	24.58	24.46	23.59	23.63	23.60
		6	0	23.41	23.52	23.45	22.57	22.67	22.57
		1	0	22.96	22.94	23.00	21.97	22.08	22.20
		1	2	23.14	23.19	23.11	22.08	22.11	22.13
		1	5	22.95	22.99	23.00	22.07	21.98	22.20
		2	0	24.12	24.18	24.00	22.98	23.04	22.86
		2	4	24.38	24.37	24.34	22.97	22.96	22.93
		3	0	23.47	23.41	23.65	22.49	22.66	22.45
		3	1	23.46	23.44	23.64	22.44	22.53	22.51
		3	2	23.69	23.65	23.60	22.49	22.47	22.48
		6	0	22.53	22.65	22.48	21.66	21.47	21.43
	64QAM	1	0	20.03	20.13	20.07	19.12	19.20	18.98
		1	2	20.02	19.95	20.06	18.97	19.14	18.92
		1	5	19.94	19.93	20.09	19.14	18.94	19.07
		2	0	21.13	21.19	21.01	20.06	20.12	19.94
		2	4	21.34	21.33	21.30	19.95	19.94	19.91
		3	0	20.69	20.55	20.42	19.65	19.70	19.53
		3	1	20.57	20.49	20.63	19.48	19.56	19.69
		3	2	20.59	20.64	20.43	19.52	19.60	19.61
		6	0	20.53	20.40	20.46	19.65	19.51	19.51
	256QAM								

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
3.0	QPSK			815.5	819.0	822.5	815.5	819.0	822.5
		1	0	24.91	25.20	25.07	23.93	24.01	24.12
		1	7	25.04	24.97	25.20	23.93	24.20	24.02
		1	14	25.03	24.96	25.20	23.98	24.03	24.19
		2	0	25.55	25.59	25.57	24.55	24.70	24.55
		2	13	25.70	25.56	25.61	24.68	24.66	24.61
		8	0	24.48	24.57	24.46	23.48	23.42	23.60
		8	4	24.62	24.46	24.48	23.49	23.56	23.48
		8	7	24.47	24.57	24.58	23.49	23.40	23.58
		15	0	24.68	24.50	24.52	23.45	23.64	23.48
	16QAM	1	0	24.17	24.10	24.00	23.05	23.10	23.20
		1	7	24.15	24.20	23.94	22.95	23.14	22.94
		1	14	23.93	24.16	24.11	23.11	23.17	23.20
		2	0	24.68	24.63	24.61	23.64	23.68	23.64
		2	13	24.63	24.70	24.66	23.59	23.63	23.66
		8	0	23.67	23.67	23.57	22.48	22.57	22.41
		8	4	23.58	23.70	23.59	22.57	22.40	22.51
		8	7	23.45	23.50	23.43	22.70	22.58	22.67
		15	0	23.40	23.64	23.67	22.43	22.64	22.60
	64QAM	1	0	23.19	23.10	23.18	22.00	22.05	22.08
		1	7	22.93	22.98	23.07	21.92	22.19	22.00
		1	14	22.93	23.03	23.15	22.13	22.14	21.98
		2	0	23.61	23.67	23.56	22.55	22.68	22.65
		2	13	23.70	23.66	23.66	22.67	22.59	22.64
		8	0	22.60	22.64	22.46	21.61	21.41	21.62
		8	4	22.40	22.47	22.68	21.58	21.66	21.62
		8	7	22.62	22.52	22.61	21.63	21.41	21.66
		15	0	22.70	22.41	22.69	21.67	21.43	21.55
	256QAM	1	0	20.06	20.17	20.10	19.19	18.91	18.92
		1	7	20.13	19.92	20.15	19.17	19.09	19.07
		1	14	20.10	20.19	19.92	19.03	18.90	19.04
		2	0	20.69	20.64	20.62	19.60	19.55	19.67
		2	13	20.60	20.68	20.61	19.57	19.70	19.55
		8	0	20.49	20.42	20.50	19.46	19.50	19.70
		8	4	20.60	20.67	20.48	19.49	19.62	19.63
		8	7	20.46	20.54	20.67	19.69	19.43	19.42
		15	0	20.51	20.58	20.64	19.63	19.46	19.61

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	25.16	24.95	25.20	24.15	24.17	24.10
		1	12	24.97	24.90	24.97	24.03	24.20	23.90
		1	24	25.20	25.13	24.91	24.12	24.14	24.13
		2	0	25.58	25.70	25.69	24.60	24.70	24.66
		2	23	25.61	25.56	25.67	24.64	24.67	24.58
		12	0	24.66	24.59	24.69	23.67	23.66	23.70
		12	6	24.61	24.50	24.63	23.45	23.41	23.40
		12	11	24.50	24.42	24.45	23.58	23.63	23.68
		25	0	24.40	24.42	24.42	23.63	23.66	23.63
	16QAM	1	0	24.01	24.12	23.90	23.07	23.09	23.05
		1	12	23.96	24.05	24.02	22.93	23.05	22.91
		1	24	24.15	24.02	23.93	22.94	23.07	22.99
		2	0	24.61	24.64	24.56	23.66	23.56	23.55
		2	23	24.62	24.68	24.59	23.57	23.58	23.55
		12	0	23.53	23.46	23.59	22.63	22.57	22.68
		12	6	23.65	23.47	23.70	22.42	22.66	22.65
		12	11	23.67	23.52	23.65	22.47	22.51	22.66
		25	0	23.63	23.41	23.54	22.62	22.43	22.60
	64QAM	1	0	22.94	22.93	22.93	22.15	22.05	21.98
		1	12	23.15	23.04	22.91	22.12	22.08	22.20
		1	24	22.95	23.12	22.97	22.05	21.93	22.08
		2	0	23.59	23.58	23.63	22.67	22.57	22.58
		2	23	23.68	23.57	23.69	22.55	22.65	22.62
		12	0	22.62	22.45	22.62	21.43	21.61	21.54
		12	6	22.68	22.60	22.51	21.59	21.48	21.66
		12	11	22.70	22.60	22.53	21.69	21.70	21.60
		25	0	22.62	22.64	22.54	21.40	21.64	21.44
	256QAM	1	0	20.03	19.91	19.99	19.04	19.08	18.93
		1	12	20.05	19.96	20.16	18.92	18.99	19.08
		1	24	20.20	19.96	20.16	19.17	18.93	19.05
		2	0	20.60	20.58	20.64	19.70	19.56	19.61
		2	23	20.66	20.56	20.68	19.67	19.66	19.62
		12	0	20.63	20.58	20.55	19.51	19.58	19.59
		12	6	20.49	20.48	20.57	19.52	19.49	19.42
		12	11	20.62	20.63	20.47	19.57	19.43	19.69
		25	0	20.40	20.64	20.67	19.41	19.42	19.53

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
10.0	QPSK	1	0	N/A	819.0	N/A	N/A	819.0	N/A
			0		25.16			24.12	
		1	24		24.99			24.08	
		1	49		25.20			23.97	
		2	0		25.70			24.70	
		2	48		25.65			24.61	
		25	0		24.57			23.66	
		25	12		24.65			23.45	
		25	24		24.49			23.57	
		50	0		24.40			23.52	
	16QAM	1	0		24.11			23.01	
		1	24		23.93			23.01	
		1	49		24.08			23.04	
		2	0		24.63			23.64	
		2	48		24.66			23.57	
		25	0		23.44			22.66	
		25	12		23.61			22.63	
		25	24		23.68			22.56	
	64QAM	50	0		23.64			22.48	
		1	0		22.96			22.05	
		1	24		23.11			22.02	
		1	49		23.02			22.18	
		2	0		23.66			22.55	
		2	48		23.57			22.68	
		25	0		22.48			21.49	
		25	12		22.50			21.44	
	256QAM	25	24		22.43			21.55	
		50	0		22.48			21.46	
		1	0		20.08			19.15	
		1	24		20.19			18.90	
		1	49		20.12			19.14	
		2	0		20.58			19.70	
		2	48		20.66			19.58	
		25	0		20.57			19.62	
		25	12		20.64			19.61	
		25	24		20.58			19.65	
		50	0		20.61			19.42	

5G NR n26

Test Engineer ID:	28498	Test Date:	2024-07-20
-------------------	-------	------------	------------

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
5.0	BPSK	1	0	816.5	819.0	821.5	816.5	819.0	821.5
		1	1	24.62	24.54	24.45	23.42	23.60	23.43
		1	23	25.15	25.09	24.98	24.00	24.09	24.13
		1	24	24.95	25.14	25.18	24.01	24.08	23.95
		1	24	24.68	24.67	24.49	23.60	23.49	23.70
		12	6	25.70	25.70	25.70	24.70	24.70	24.70
	QPSK	25	0	25.18	25.20	24.97	24.16	24.00	24.15
		1	0	24.00	24.11	24.13	22.95	22.98	23.04
		1	1	24.91	24.96	25.03	24.02	24.16	23.99
		1	23	25.17	25.13	24.95	24.15	24.16	24.00
		1	24	24.12	23.97	24.02	23.18	23.15	23.13
		12	6	25.61	25.67	25.66	24.69	24.65	24.63
	16QAM	25	0	24.60	24.64	24.69	23.44	23.70	23.62
		1	0	22.94	22.94	23.07	21.90	22.09	22.02
		1	1	23.98	24.04	23.95	23.11	23.14	23.07
		1	23	24.13	23.98	24.01	23.15	23.17	22.92
		1	24	23.07	23.20	23.05	22.11	22.11	22.15
		12	6	24.62	24.55	24.47	23.69	23.46	23.58
	64QAM	25	0	23.62	23.52	23.55	22.59	22.43	22.63
		1	0	22.42	22.61	22.52	21.60	21.40	21.43
		1	1	22.53	22.58	22.43	21.59	21.49	21.68
		1	23	22.68	22.53	22.60	21.63	21.56	21.54
		1	24	22.64	22.56	22.57	21.53	21.45	21.52
		12	6	22.98	22.94	22.94	22.03	22.15	22.16
	256QAM	25	0	23.10	23.10	22.90	22.10	22.09	22.19
		1	0	20.41	20.48	20.58	19.56	19.43	19.58
		1	1	20.44	20.51	20.54	19.65	19.54	19.51
		1	23	20.50	20.43	20.41	19.57	19.51	19.44
		1	24	20.42	20.42	20.48	19.53	19.43	19.43
		12	6	21.17	20.95	21.00	19.91	19.90	19.91
		25	0	21.16	21.12	20.93	20.07	20.00	20.18

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
10.0	BPSK	1	0	N/A	819.0	N/A	N/A	819.0	N/A
		1	1		24.48			23.70	
		1	50		25.07			23.95	
		1	51		25.10			24.05	
		1	51		24.50			23.42	
		25	12		25.70			24.70	
	QPSK	50	0		25.03			23.92	
		1	0		24.06			23.03	
		1	1		24.98			24.01	
		1	50		24.92			24.10	
		1	51		24.07			23.04	
		25	12		25.67			24.68	
	16QAM	50	0		24.62			23.52	
		1	0		23.11			21.95	
		1	1		23.97			23.01	
		1	50		24.11			22.90	
		1	51		23.20			22.17	
		25	12		24.49			23.48	
	64QAM	50	0		23.47			22.60	
		1	0		22.40			21.56	
		1	1		22.63			21.42	
		1	50		22.46			21.61	
		1	51		22.60			21.42	
		25	12		23.05			22.08	
	256QAM	50	0		22.90			22.05	
		1	0		20.64			19.43	
		1	1		20.58			19.52	
		1	50		20.49			19.56	
		1	51		20.43			19.55	
		25	12		21.16			19.98	
		50	0		21.02			20.17	

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

LTE BAND 26

Test Engineer ID:	25780	Test Date:	2024-07-24
-------------------	-------	------------	------------

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
1.4	QPSK			824.7	836.5	848.3	824.7	836.5	848.3
		1	0	25.01	25.20	25.10	23.90	24.13	23.97
		1	2	24.94	25.16	25.05	23.95	23.93	24.17
		1	5	25.00	25.04	24.98	24.17	24.01	24.14
		2	0	25.66	25.64	25.65	24.69	24.56	24.69
		2	4	25.68	25.55	25.57	24.58	24.61	24.65
		3	0	25.67	25.70	25.70	24.66	24.70	24.70
		3	1	25.70	25.67	25.70	24.66	24.66	24.67
		3	2	25.70	25.67	25.66	24.65	24.65	24.69
		6	0	24.50	24.51	24.58	23.45	23.51	23.53
		1	0	24.19	23.91	23.99	22.95	23.19	22.92
	16QAM	1	2	23.94	23.97	24.19	22.96	23.14	22.94
		1	5	24.14	24.15	24.11	23.19	23.10	23.02
		2	0	24.57	24.64	24.62	23.65	23.58	23.58
		2	4	24.56	24.69	24.65	23.64	23.61	23.62
		3	0	24.50	24.62	24.41	23.50	23.57	23.50
		3	1	24.70	24.68	24.57	23.48	23.47	23.46
		3	2	24.56	24.63	24.42	23.69	23.42	23.53
		6	0	23.52	23.61	23.52	22.42	22.65	22.42
		1	0	23.05	23.09	23.04	21.93	22.12	22.06
		1	2	23.16	22.92	23.07	22.18	21.95	22.05
		1	5	23.09	22.99	23.20	22.19	22.20	22.01
		2	0	23.68	23.64	23.60	22.64	22.66	22.61
	64QAM	2	4	23.67	23.62	23.58	22.65	22.58	22.55
		3	0	23.42	23.61	23.57	22.45	22.45	22.40
		3	1	23.46	23.50	23.47	22.59	22.62	22.40
		3	2	23.46	23.54	23.42	22.49	22.65	22.53
		6	0	22.69	22.56	22.64	21.63	21.51	21.51
		1	0	20.12	20.13	19.92	19.14	19.13	18.95
		1	2	19.91	19.93	20.19	18.91	19.00	18.99
		1	5	20.09	20.01	19.92	19.19	19.16	19.00
		2	0	20.66	20.61	20.67	19.59	19.67	19.65
		2	4	20.60	20.68	20.58	19.61	19.62	19.61
		3	0	20.42	20.56	20.53	19.48	19.64	19.68
		3	1	20.43	20.58	20.59	19.45	19.51	19.50
	256QAM	3	2	20.41	20.59	20.69	19.56	19.61	19.63
		6	0	20.40	20.57	20.51	19.47	19.55	19.44

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
3.0	QPSK	1	0	825.5	836.5	847.5	825.5	836.5	847.5
		1	7	25.08	25.02	25.15	24.01	24.06	24.13
		1	7	25.17	25.08	25.04	23.93	23.94	24.15
		1	14	25.06	25.01	25.11	24.17	24.03	23.93
		2	0	25.62	25.61	25.68	24.67	24.70	24.70
		2	13	25.70	25.61	25.63	24.56	24.63	24.62
		8	0	24.42	24.59	24.56	23.66	23.44	23.67
		8	4	24.59	24.67	24.55	23.64	23.58	23.52
		8	7	24.65	24.50	24.55	23.44	23.54	23.59
		15	0	24.65	24.65	24.58	23.41	23.49	23.62
	16QAM	1	0	24.18	24.00	24.02	23.17	22.95	23.03
		1	7	23.99	23.98	23.93	23.03	23.15	23.17
		1	14	23.94	24.16	24.05	22.93	23.06	23.05
		2	0	24.60	24.70	24.56	23.69	23.64	23.56
		2	13	24.56	24.55	24.60	23.62	23.62	23.61
		8	0	23.55	23.43	23.69	22.69	22.44	22.65
		8	4	23.51	23.46	23.61	22.42	22.58	22.47
		8	7	23.67	23.61	23.57	22.41	22.55	22.44
		15	0	23.52	23.60	23.67	22.52	22.67	22.68
	64QAM	1	0	23.19	23.00	22.98	21.92	22.19	22.10
		1	7	23.14	23.14	23.07	22.09	22.09	22.09
		1	14	23.04	23.07	23.05	22.17	21.95	22.10
		2	0	23.61	23.68	23.58	22.68	22.68	22.63
		2	13	23.58	23.59	23.66	22.57	22.64	22.57
		8	0	22.60	22.44	22.47	21.61	21.58	21.63
		8	4	22.70	22.55	22.64	21.67	21.42	21.52
		8	7	22.69	22.41	22.40	21.63	21.51	21.42
		15	0	22.54	22.57	22.55	21.70	21.43	21.61
	256QAM	1	0	20.05	20.15	19.98	19.01	19.05	19.11
		1	7	20.16	19.92	19.96	19.12	19.09	19.02
		1	14	19.93	19.96	20.13	19.02	18.93	18.96
		2	0	20.59	20.70	20.62	19.65	19.58	19.63
		2	13	20.65	20.69	20.64	19.56	19.62	19.64
		8	0	20.69	20.58	20.53	19.62	19.60	19.64
		8	4	20.42	20.46	20.70	19.60	19.45	19.63
		8	7	20.66	20.43	20.70	19.55	19.63	19.54
		15	0	20.52	20.44	20.41	19.43	19.45	19.61

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
5.0	QPSK	1	0	25.00	25.20	24.95	24.03	23.96	23.91
		1	12	24.90	25.11	25.17	24.15	24.11	24.04
		1	24	25.02	25.07	25.18	23.95	24.14	23.94
		2	0	25.58	25.58	25.64	24.68	24.64	24.59
		2	23	25.70	25.63	25.67	24.62	24.65	24.70
		12	0	24.57	24.40	24.48	23.57	23.41	23.62
		12	6	24.50	24.53	24.40	23.40	23.43	23.66
		12	11	24.65	24.47	24.66	23.68	23.59	23.52
		25	0	24.40	24.52	24.61	23.66	23.41	23.45
	16QAM	1	0	23.91	23.91	24.05	23.09	23.17	22.97
		1	12	23.94	24.16	24.09	22.96	22.90	23.04
		1	24	24.00	24.00	24.12	23.11	23.06	23.06
		2	0	24.58	24.60	24.59	23.57	23.56	23.68
		2	23	24.63	24.64	24.63	23.66	23.62	23.56
		12	0	23.66	23.50	23.70	22.56	22.51	22.48
		12	6	23.51	23.43	23.44	22.56	22.40	22.53
		12	11	23.44	23.61	23.58	22.70	22.44	22.69
		25	0	23.66	23.64	23.43	22.64	22.61	22.47
	64QAM	1	0	23.07	22.95	23.07	22.08	22.01	21.94
		1	12	22.97	22.90	23.13	22.15	22.20	22.14
		1	24	23.12	23.05	22.93	22.20	22.00	22.14
		2	0	23.64	23.56	23.60	22.58	22.56	22.55
		2	23	23.61	23.66	23.56	22.66	22.57	22.58
		12	0	22.40	22.45	22.47	21.70	21.46	21.58
		12	6	22.41	22.68	22.50	21.56	21.43	21.59
		12	11	22.43	22.56	22.69	21.40	21.60	21.68
		25	0	22.57	22.60	22.55	21.62	21.59	21.41
	256QAM	1	0	20.06	19.95	19.93	19.16	18.91	19.00
		1	12	20.16	20.17	20.10	18.97	18.92	19.13
		1	24	20.17	20.08	20.09	18.91	18.91	19.04
		2	0	20.60	20.68	20.55	19.55	19.60	19.56
		2	23	20.66	20.67	20.58	19.67	19.66	19.65
		12	0	20.64	20.55	20.57	19.61	19.51	19.46
		12	6	20.43	20.41	20.56	19.43	19.46	19.54
		12	11	20.59	20.56	20.61	19.43	19.46	19.44
		25	0	20.55	20.42	20.55	19.57	19.56	19.66

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	25.06	24.97	25.11	24.17	24.10	23.93
		1	24	25.11	24.90	25.01	24.06	24.01	24.04
		1	49	25.12	24.97	24.98	23.90	24.01	24.00
		2	0	25.56	25.60	25.68	24.64	24.63	24.70
		2	48	25.70	25.56	25.64	24.57	24.68	24.61
		25	0	24.50	24.70	24.55	23.46	23.59	23.57
		25	12	24.59	24.42	24.69	23.59	23.56	23.70
		25	24	24.41	24.45	24.47	23.41	23.64	23.63
		50	0	24.54	24.58	24.70	23.42	23.48	23.50
	16QAM	1	0	23.98	24.00	23.97	22.91	23.05	22.90
		1	24	23.98	24.03	24.06	22.98	23.06	23.12
		1	49	24.01	24.16	24.12	22.93	22.95	23.01
		2	0	24.68	24.67	24.63	23.56	23.59	23.59
		2	48	24.63	24.58	24.60	23.65	23.59	23.56
		25	0	23.47	23.44	23.69	22.50	22.64	22.51
		25	12	23.43	23.69	23.63	22.59	22.52	22.49
		25	24	23.53	23.44	23.49	22.55	22.62	22.64
		50	0	23.63	23.48	23.58	22.59	22.67	22.64
	64QAM	1	0	22.91	23.01	23.09	21.90	22.02	22.07
		1	24	23.18	23.00	23.19	22.12	21.90	21.93
		1	49	22.92	22.96	23.00	22.07	21.97	22.04
		2	0	23.61	23.59	23.59	22.65	22.63	22.60
		2	48	23.66	23.66	23.61	22.62	22.67	22.67
		25	0	22.65	22.68	22.42	21.58	21.42	21.54
		25	12	22.47	22.40	22.48	21.40	21.55	21.50
		25	24	22.54	22.56	22.45	21.64	21.55	21.43
		50	0	22.42	22.53	22.69	21.46	21.52	21.63
	256QAM	1	0	20.10	19.90	19.94	18.91	18.98	19.08
		1	24	20.04	19.97	19.91	19.10	18.91	19.18
		1	49	20.05	20.01	20.11	19.04	19.00	19.15
		2	0	20.60	20.70	20.61	19.55	19.61	19.62
		2	48	20.63	20.69	20.65	19.56	19.58	19.67
		25	0	20.62	20.46	20.51	19.54	19.44	19.49
		25	12	20.62	20.68	20.62	19.67	19.51	19.43
		25	24	20.42	20.67	20.69	19.50	19.45	19.54
		50	0	20.56	20.54	20.56	19.53	19.65	19.64

OUTPUT POWER FOR LTE BAND 26 (15.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)					
				ANT 1			ANT 2		
				26840	26915	26990	26840	26915	26990
				831.5	836.5	841.5	831.5	836.5	841.5
15.0	QPSK	1	0	25.70	25.66	25.70	24.70	24.68	24.70
		1	37	25.59	25.70	25.62	24.58	24.67	24.67
		1	74	25.59	25.59	25.62	24.50	24.70	24.65
		36	0	24.48	24.68	24.69	23.58	23.75	23.72
		36	18	24.54	24.71	24.59	23.48	23.66	23.67
		36	35	24.51	24.70	24.58	23.56	23.67	23.71
		75	0	24.56	24.75	24.63	23.56	23.66	23.68
		1	0	24.69	24.69	24.79	23.73	23.83	23.87
	16QAM	1	37	24.65	24.69	24.81	23.64	23.91	23.79
		1	74	24.67	24.70	24.74	23.53	23.89	23.76
		36	0	23.43	23.63	23.63	22.48	22.72	22.63
		36	18	23.51	23.66	23.54	22.45	22.60	22.57
		36	35	23.48	23.65	23.52	22.53	22.62	22.61
		75	0	23.53	23.69	23.59	22.50	22.62	22.59
		1	0	23.95	23.97	23.99	23.04	23.06	23.13
		1	37	23.85	23.91	23.94	22.95	23.07	22.95
	64QAM	1	74	23.94	23.96	23.96	22.90	23.15	22.93
		36	0	22.42	22.67	22.63	21.54	21.76	21.64
		36	18	22.50	22.67	22.58	21.45	21.65	21.65
		36	35	22.47	22.65	22.55	21.56	21.68	21.71
		75	0	22.55	22.72	22.62	21.56	21.66	21.64
		1	0	20.78	20.73	20.81	19.81	19.77	19.89
		1	37	20.68	20.71	20.78	19.77	19.82	19.70
		1	74	20.79	20.80	20.78	19.71	19.85	19.75
	256QAM	36	0	20.51	20.68	20.69	19.56	19.77	19.71
		36	18	20.58	20.72	20.62	19.47	19.65	19.65
		36	35	20.55	20.70	20.59	19.59	19.67	19.69
		75	0	20.57	20.75	20.64	19.54	19.67	19.70

5G NR n26

Test Engineer ID:	106034	Test Date:	2024-07-24
-------------------	--------	------------	------------

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
5.0	BPSK	1	0	826.5	836.5	846.5	826.5	836.5	846.5
		1	1	24.50	24.52	24.54	23.48	23.62	23.55
		1	23	25.12	24.95	24.98	24.19	24.15	23.90
		1	24	25.17	25.20	24.90	24.07	24.08	24.13
		1	24	24.61	24.57	24.70	23.43	23.43	23.51
		12	6	25.70	25.70	25.70	24.70	24.70	24.70
	QPSK	25	0	25.03	25.07	24.97	24.20	23.99	24.13
		1	0	24.03	24.04	24.13	23.01	23.13	23.16
		1	1	24.98	25.02	25.16	24.12	23.99	24.15
		1	23	25.01	24.92	25.20	24.18	24.06	24.15
		1	24	24.12	24.02	23.98	23.17	23.17	23.00
		12	6	25.68	25.64	25.67	24.60	24.63	24.63
	16QAM	25	0	24.53	24.57	24.67	23.70	23.55	23.49
		1	0	22.98	23.16	23.14	22.00	22.07	22.15
		1	1	23.92	24.13	23.90	22.98	22.94	22.99
		1	23	24.08	24.05	24.19	23.16	22.90	22.97
		1	24	23.00	23.20	22.99	22.19	22.12	21.96
		12	6	24.62	24.67	24.41	23.70	23.55	23.53
	64QAM	25	0	23.53	23.42	23.48	22.51	22.53	22.55
		1	0	22.63	22.55	22.69	21.43	21.56	21.41
		1	1	22.67	22.60	22.63	21.64	21.58	21.68
		1	23	22.52	22.63	22.64	21.44	21.59	21.54
		1	24	22.54	22.61	22.62	21.52	21.61	21.68
		12	6	22.94	23.13	23.01	21.91	21.95	22.04
	256QAM	25	0	23.05	23.01	23.04	22.00	21.91	21.99
		1	0	20.69	20.41	20.43	19.56	19.53	19.58
		1	1	20.52	20.48	20.50	19.65	19.69	19.52
		1	23	20.59	20.41	20.70	19.56	19.62	19.45
		1	24	20.70	20.50	20.43	19.70	19.63	19.67
		12	6	21.02	21.19	20.90	20.07	20.10	20.11
		25	0	21.05	21.06	21.06	20.11	20.13	20.17

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
10.0	BPSK	1	0	829.0	836.5	844.0	829.0	836.5	844.0
		1	1	24.46	24.63	24.53	23.46	23.46	23.63
		1	50	24.91	25.15	25.09	24.06	24.04	23.98
		1	51	25.02	24.94	24.94	24.08	24.05	24.17
		1	51	24.62	24.42	24.45	23.52	23.69	23.55
		25	12	25.70	25.70	25.70	24.70	24.70	24.70
	QPSK	50	0	25.04	24.98	24.95	24.15	23.94	23.90
		1	0	24.03	23.93	23.99	23.15	23.20	22.96
		1	1	24.99	25.03	25.19	23.92	24.02	24.08
		1	50	25.13	25.01	25.04	24.10	24.07	23.96
		1	51	23.91	24.01	24.08	23.08	22.97	23.12
		25	12	25.63	25.65	25.62	24.60	24.65	24.68
	16QAM	50	0	24.64	24.43	24.64	23.69	23.61	23.56
		1	0	23.20	23.20	22.91	22.10	22.11	22.03
		1	1	23.94	23.99	23.99	23.00	23.10	23.20
		1	50	24.19	23.90	24.17	22.91	22.92	23.04
		1	51	23.20	23.05	22.91	22.06	22.07	22.10
		25	12	24.48	24.50	24.61	23.51	23.41	23.51
	64QAM	50	0	23.69	23.66	23.56	22.70	22.49	22.58
		1	0	22.44	22.63	22.41	21.45	21.53	21.42
		1	1	22.63	22.59	22.43	21.61	21.46	21.46
		1	50	22.65	22.51	22.50	21.66	21.57	21.41
		1	51	22.48	22.58	22.47	21.66	21.48	21.45
		25	12	22.97	23.01	23.13	21.98	22.14	22.01
	256QAM	50	0	23.03	23.16	23.13	22.15	22.12	22.13
		1	0	20.45	20.52	20.42	19.45	19.62	19.70
		1	1	20.63	20.58	20.50	19.49	19.42	19.53
		1	50	20.42	20.47	20.47	19.65	19.44	19.43
		1	51	20.66	20.60	20.69	19.63	19.58	19.49
		25	12	20.97	20.90	21.03	20.01	20.11	19.95
		50	0	21.14	21.17	21.14	20.04	20.13	20.13

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
15.0	BPSK	1	0	831.5	836.5	841.5	831.5	836.5	841.5
		1	1	24.43	24.52	24.49	23.43	23.48	23.63
		1	1	25.19	24.95	24.95	24.17	23.94	23.93
		1	77	25.19	24.97	24.94	23.90	24.17	24.13
		1	78	24.51	24.42	24.54	23.57	23.59	23.54
		36	18	25.70	25.70	25.70	24.70	24.70	24.70
	QPSK	75	0	25.15	25.14	25.11	23.96	23.96	23.97
		1	0	23.98	23.96	24.20	23.11	23.12	23.04
		1	1	24.92	25.18	25.07	24.07	24.00	23.97
		1	77	25.03	24.98	24.91	24.03	24.10	24.09
		1	78	23.98	24.16	24.05	23.02	23.04	22.93
		36	18	25.64	25.64	25.69	24.64	24.61	24.63
	16QAM	75	0	24.48	24.44	24.48	23.48	23.50	23.63
		1	0	23.02	22.95	23.16	21.91	22.07	21.99
		1	1	24.07	24.08	23.94	22.95	22.98	22.98
		1	77	24.20	24.02	23.91	23.03	22.91	22.95
		1	78	22.96	23.12	23.15	22.11	21.90	21.95
		36	18	24.50	24.68	24.65	23.55	23.68	23.40
	64QAM	75	0	23.58	23.55	23.41	22.44	22.63	22.46
		1	0	22.48	22.68	22.70	21.51	21.44	21.70
		1	1	22.41	22.60	22.47	21.70	21.61	21.41
		1	77	22.54	22.44	22.66	21.57	21.40	21.60
		1	78	22.56	22.69	22.48	21.40	21.70	21.42
		36	18	22.91	23.02	23.20	21.96	21.95	21.98
	256QAM	75	0	23.09	23.11	22.94	21.97	21.98	21.95
		1	0	20.64	20.70	20.57	19.41	19.68	19.67
		1	1	20.70	20.55	20.43	19.52	19.47	19.59
		1	77	20.41	20.54	20.48	19.59	19.58	19.70
		1	78	20.64	20.57	20.52	19.68	19.43	19.52
		36	18	21.01	21.17	21.07	20.13	19.90	20.13
		75	0	21.20	20.99	21.02	19.94	20.17	19.97

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
20.0	BPSK	1	0	834.0	836.5	839.0	834.0	836.5	839.0
		1	1	24.54	24.58	24.48	23.49	23.42	23.45
		1	1	25.05	25.09	25.20	23.90	23.98	24.12
		1	104	25.07	24.95	25.12	23.99	24.03	24.04
		1	105	24.45	24.65	24.48	23.68	23.65	23.43
		50	25	25.70	25.70	25.70	24.70	24.70	24.70
	QPSK	100	0	24.98	24.94	25.00	23.92	23.91	24.09
		1	0	23.90	23.94	24.11	22.94	23.13	22.98
		1	1	25.17	24.96	25.00	24.20	24.14	24.09
		1	104	25.13	25.01	25.07	23.91	24.19	23.95
		1	105	23.99	24.16	24.12	22.96	22.97	23.18
		50	25	25.63	25.60	25.62	24.64	24.60	24.66
	16QAM	100	0	24.53	24.46	24.57	23.57	23.67	23.64
		1	0	23.06	22.92	22.96	21.95	22.15	21.93
		1	1	24.05	24.05	23.94	23.06	23.20	23.15
		1	104	24.15	23.91	24.02	23.07	22.91	23.08
		1	105	23.14	23.04	23.11	22.03	21.98	21.90
		50	25	24.60	24.64	24.62	23.70	23.67	23.62
	64QAM	100	0	23.56	23.49	23.68	22.60	22.68	22.46
		1	0	22.47	22.46	22.68	21.64	21.68	21.58
		1	1	22.50	22.61	22.66	21.62	21.47	21.52
		1	104	22.42	22.53	22.70	21.67	21.49	21.65
		1	105	22.51	22.46	22.69	21.43	21.46	21.69
		50	25	22.91	23.12	23.13	22.04	21.95	21.90
	256QAM	100	0	23.02	22.93	23.04	22.18	22.00	22.08
		1	0	20.48	20.41	20.42	19.65	19.51	19.46
		1	1	20.48	20.49	20.68	19.55	19.42	19.70
		1	104	20.54	20.67	20.60	19.53	19.52	19.48
		1	105	20.42	20.58	20.47	19.48	19.56	19.56
		50	25	20.96	21.20	20.97	19.90	20.08	20.05
		100	0	20.91	21.05	20.91	20.07	20.19	19.93

8.9. LTE BAND 30 AND 5G NR n30

LTE BAND 30

Test Engineer ID:	25780	Test Date:	2024-07-17
-------------------	-------	------------	------------

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	25.17	25.12	25.08	23.00	23.11	23.00	24.70	24.61	24.66	22.70	22.61	22.55
		1	12	25.14	25.07	25.07	23.12	23.14	23.15	24.61	24.64	24.61	22.65	22.70	22.55
		1	24	25.14	25.18	25.16	23.20	23.12	23.11	24.62	24.67	24.60	22.63	22.62	22.59
		2	0	25.70	25.56	25.62	23.17	23.20	23.05	24.86	25.00	24.92	23.08	23.08	23.20
		2	23	25.67	25.57	25.63	23.09	23.08	23.19	24.90	24.85	24.85	23.05	23.05	23.09
		12	0	24.61	24.68	24.59	23.12	23.19	23.08	24.11	24.18	24.12	22.07	22.14	22.18
		12	6	24.64	24.69	24.64	23.06	23.06	23.13	24.10	24.19	24.14	22.19	22.12	22.11
		12	11	24.66	24.65	24.66	23.15	23.09	23.15	24.20	24.20	24.20	22.14	22.09	22.20
	16QAM	25	0	24.46	24.46	24.40	23.00	23.17	23.04	24.10	24.12	24.09	22.20	22.18	21.98
		1	0	24.13	24.16	23.98	22.98	22.97	22.86	23.55	23.65	23.56	21.61	21.57	21.65
		1	12	24.14	24.07	24.06	22.89	22.89	22.91	23.67	23.64	23.59	21.49	21.41	21.68
		1	24	24.09	24.09	24.08	22.92	22.86	22.96	23.67	23.65	23.70	21.45	21.67	21.49
		2	0	24.62	24.63	24.55	23.12	23.13	23.17	24.09	24.19	24.11	22.18	22.08	22.15
		2	23	24.65	24.66	24.58	23.19	23.13	23.15	24.16	24.12	24.11	22.14	22.05	22.15
		12	0	23.67	23.65	23.68	22.54	22.63	22.51	23.10	23.13	23.17	21.09	21.07	21.07
		12	6	23.64	23.66	23.69	22.58	22.53	22.65	23.16	23.05	23.16	21.17	21.14	21.07
	64QAM	12	11	23.63	23.67	23.66	22.63	22.52	22.58	23.09	23.14	23.07	21.20	21.20	21.20
		25	0	23.46	23.46	23.48	22.44	22.46	22.54	23.18	23.05	23.14	21.05	21.19	21.01
		1	0	22.94	22.99	23.15	21.81	21.86	21.77	22.65	22.68	22.68	20.55	20.64	20.51
		1	12	23.19	23.04	22.96	21.76	21.50	21.80	22.56	22.56	22.70	20.43	20.55	20.67
		1	24	23.19	23.09	23.14	21.76	21.79	21.45	22.68	22.55	22.68	20.56	20.66	20.58
		2	0	23.60	23.66	23.70	22.10	21.85	21.89	23.06	23.17	23.09	21.09	21.11	21.12
		2	23	23.64	23.59	23.59	21.09	21.09	21.09	23.08	23.06	23.15	21.19	21.13	21.08
		12	0	22.61	22.59	22.57	21.31	21.41	21.39	22.08	22.13	22.15	20.16	20.19	20.18
	256QAM	12	6	22.69	22.59	22.63	21.43	21.30	21.40	22.15	22.08	22.20	20.11	20.14	20.08
		12	11	22.56	22.70	22.55	21.36	21.45	21.43	22.14	22.12	22.13	20.20	20.20	20.20
		25	0	22.65	22.60	22.61	21.26	21.33	21.31	22.13	22.18	22.15	20.14	20.19	20.20
		1	0	20.09	20.13	20.12	17.68	17.51	17.61	19.65	19.56	19.60	17.58	17.56	17.49
		1	12	20.04	20.18	19.90	17.41	17.52	17.51	19.59	19.62	19.68	17.41	17.54	17.69
		1	24	19.98	19.92	20.07	17.58	17.66	17.47	19.55	19.55	19.59	17.49	17.61	17.48
		2	0	20.69	20.69	20.61	18.12	18.19	18.15	20.17	20.16	20.16	18.16	18.12	18.05
		2	23	20.66	20.70	20.70	18.17	18.06	18.09	20.14	20.14	20.11	18.13	18.10	18.18
		12	0	20.69	20.57	20.64	18.14	18.12	18.11	20.07	20.17	20.09	18.19	18.06	18.12
		12	6	20.68	20.64	20.70	18.05	18.08	18.08	20.12	20.05	20.17	18.08	18.20	18.06
		12	11	20.67	20.69	20.68	18.17	18.11	18.17	20.16	20.06	20.15	18.20	18.20	18.20
		25	0	20.49	20.51	20.60	18.02	18.09	18.19	20.09	20.05	20.16	18.17	18.05	18.05

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		25.09			22.65			24.55			22.65	
		1	24		25.09			22.70			24.70			22.60	
		1	49		25.15			22.64			24.56			22.70	
		2	0		25.70			23.20			24.90			23.09	
		2	48		25.63			23.10			25.00			23.20	
		25	0		24.56			22.06			24.15			22.09	
		25	12		24.66			22.10			24.07			22.14	
		25	24		24.69			22.11			24.15			22.20	
	16QAM	50	0		24.51			21.90			23.94			22.11	
		1	0		24.05			21.67			23.62			21.55	
		1	24		24.11			21.49			23.60			21.67	
		1	49		23.94			21.47			23.54			21.51	
		2	0		24.58			22.14			24.18			22.05	
		2	48		24.60			22.11			24.14			22.09	
		25	0		23.69			21.05			23.19			21.14	
		25	12		23.61			21.11			23.05			21.20	
	64QAM	25	24		23.56			21.08			23.20			21.20	
		50	0		23.52			21.18			23.19			21.14	
		1	0		22.97			20.58			22.54			20.53	
		1	24		23.18			20.50			22.57			20.60	
		1	49		23.02			20.59			22.43			20.62	
		2	0		23.64			21.12			23.09			21.16	
		2	48		23.69			21.06			23.05			21.16	
		25	0		22.63			20.09			22.12			20.17	
	256QAM	25	12		22.61			20.10			22.17			20.11	
		25	24		22.63			20.20			22.20			20.20	
		50	0		22.65			20.11			22.18			20.07	
		1	0		20.14			17.41			19.47			17.64	
		1	24		20.18			17.52			19.57			17.59	
		1	49		19.90			17.58			19.65			17.42	
		2	0		20.67			18.15			20.09			18.05	
		2	48		20.70			18.14			20.15			18.12	
		25	0		20.63			18.05			20.10			18.10	
		25	12		20.61			18.17			20.08			18.14	
		25	24		20.70			18.17			20.20			18.20	
		50	0		20.64			18.19			20.03			18.15	

5G NR n30

Test Engineer ID:	19210	Test Date:	2024-08-16
-------------------	-------	------------	------------

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 2307.5	462000 2310.0	462500 2312.5	461500 2307.5	462000 2310.0	462500 2312.5	461500 2307.5	462000 2310.0	462500 2312.5	461500 2307.5	462000 2310.0	462500 2312.5
5.0	BPSK	1	0	24.63	24.45	24.57	22.00	21.98	22.15	24.06	23.99	24.15	22.00	21.98	21.90
		1	1	24.94	25.02	25.08	22.56	22.60	22.54	24.64	24.42	24.61	22.57	22.43	22.67
		1	23	24.97	25.15	25.15	22.66	22.46	22.63	24.66	24.61	24.45	22.70	22.57	22.50
		1	24	24.41	24.43	24.61	22.09	22.05	22.08	24.15	24.02	23.97	21.98	22.17	21.93
		12	6	25.70	25.70	25.70	23.20	23.20	23.20	25.00	25.00	25.00	23.20	23.20	23.20
		25	0	25.14	25.16	25.01	22.68	22.45	22.63	24.45	24.52	24.62	22.52	22.54	22.47
	QPSK	1	0	23.94	24.03	24.07	21.69	21.48	21.51	23.53	23.60	23.41	21.70	21.63	21.55
		1	1	25.07	24.98	24.99	22.43	22.69	22.62	24.57	24.62	24.59	22.67	22.49	22.60
		1	23	25.20	25.06	24.91	22.51	22.46	22.70	24.46	24.63	24.68	22.70	22.55	22.59
		1	24	23.98	23.97	24.11	21.64	21.43	21.64	23.56	23.68	23.63	21.49	21.55	21.70
		12	6	25.60	25.56	25.48	23.06	22.99	23.11	24.97	24.71	24.70	23.07	22.94	23.10
		25	0	24.61	24.65	24.52	22.07	22.03	22.01	23.99	23.93	24.20	22.01	22.04	22.17
	16QAM	1	0	23.16	23.10	23.03	20.55	20.55	20.62	22.62	22.66	22.62	20.70	20.55	20.45
		1	1	24.10	24.02	24.15	21.65	21.66	21.68	23.60	23.69	23.54	21.47	21.61	21.43
		1	23	24.11	23.99	23.91	21.62	21.59	21.50	23.54	23.63	23.55	21.60	21.54	21.45
		1	24	22.91	23.09	23.02	20.70	20.41	20.55	22.47	22.51	22.51	20.50	20.58	20.50
		12	6	24.40	24.53	24.58	22.00	21.99	22.08	23.98	24.10	23.92	22.18	22.07	21.95
		25	0	23.68	23.53	23.48	21.12	21.09	21.08	23.08	22.94	22.95	21.09	20.98	21.06
	64QAM	1	0	22.52	22.42	22.56	20.07	19.91	20.03	22.07	22.06	22.00	20.04	20.08	20.05
		1	1	22.50	22.70	22.54	20.18	20.07	19.92	22.18	22.07	21.91	19.96	20.01	20.16
		1	23	22.61	22.66	22.64	20.10	20.08	20.20	22.18	22.16	21.96	20.16	19.90	20.14
		1	24	22.52	22.42	22.55	20.06	20.18	20.08	22.09	21.95	21.99	20.16	19.93	20.06
		12	6	23.14	23.14	23.19	20.69	20.69	20.60	22.55	22.59	22.57	20.62	20.63	20.67
		25	0	23.17	23.14	23.05	20.48	20.53	20.66	22.63	22.70	22.57	20.57	20.45	20.57
	256QAM	1	0	20.50	20.67	20.41	18.05	17.93	18.15	20.15	20.17	19.97	17.96	17.90	17.90
		1	1	20.66	20.57	20.64	18.02	17.97	18.01	20.03	19.95	20.19	17.99	18.07	18.12
		1	23	20.50	20.45	20.43	17.97	18.13	18.13	20.03	19.99	20.11	17.92	17.95	18.19
		1	24	20.46	20.51	20.44	17.96	18.12	18.18	20.03	20.10	20.16	18.03	18.18	18.11
		12	6	21.10	21.10	21.14	18.63	18.60	18.68	20.57	20.48	20.60	18.65	18.67	18.61
		25	0	21.10	21.07	21.06	18.48	18.70	18.49	20.56	20.61	20.54	18.62	18.70	18.70

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
10.0	BPSK	1	0	N/A	2310.0	N/A	N/A	2310.0	N/A	N/A	2310.0	N/A	N/A	2310.0	N/A
		1	1		24.53			22.04			23.92			21.94	
		1	50		25.03			22.56			24.51			22.40	
		1	51		24.98			22.41			24.57			22.58	
		1	51		24.59			22.19			23.97			22.07	
		25	12		25.70			23.20			25.00			23.20	
	QPSK	50	0		25.09			22.63			24.63			22.42	
		1	0		23.95			21.52			23.59			21.65	
		1	1		24.91			22.57			24.44			22.42	
		1	50		24.97			22.41			24.70			22.41	
		1	51		24.00			21.46			23.70			21.48	
		25	12		25.70			22.92			24.95			23.18	
	16QAM	50	0		24.68			22.03			23.95			22.10	
		1	0		23.09			20.46			22.44			20.43	
		1	1		24.15			21.40			23.40			21.59	
		1	50		24.10			21.62			23.61			21.61	
		1	51		23.08			20.69			22.54			20.58	
		25	12		24.60			21.94			24.20			22.14	
	64QAM	50	0		23.45			20.94			23.19			21.05	
		1	0		22.69			20.17			22.07			19.99	
		1	1		22.47			20.13			22.10			20.19	
		1	50		22.60			20.04			22.19			20.15	
		1	51		22.48			20.19			22.07			20.07	
		25	12		23.19			20.60			22.47			20.67	
	256QAM	50	0		23.01			20.68			22.48			20.42	
		1	0		20.53			18.17			20.11			18.00	
		1	1		20.50			18.19			20.06			18.06	
		1	50		20.51			17.98			20.13			18.02	
		1	51		20.57			18.08			20.15			18.06	
		25	12		21.14			18.67			20.49			18.62	
		50	0		20.94			18.68			20.43			18.59	

8.10. LTE BAND 41 AND 5G NR n41

LTE BAND 41

Test Engineer ID:	32546	Test Date:	2024-07-11
-------------------	-------	------------	------------

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
5.0	QPSK	1	0	24.14	28.05	27.08	24.34	27.91	27.20	23.57	27.24	26.68	23.69	27.25	26.63
		1	12	27.20	28.20	27.20	27.50	28.20	27.50	26.70	27.50	26.70	26.80	27.50	26.80
		1	24	27.02	27.98	27.14	27.38	27.98	27.23	26.45	27.34	26.40	26.67	27.48	26.74
		2	0	24.55	28.57	27.62	24.95	28.55	27.99	23.92	28.00	27.18	24.09	27.97	27.05
		2	23	27.59	28.70	27.45	27.94	28.70	27.73	27.09	27.87	27.19	27.14	28.00	27.11
		12	0	23.43	27.55	26.43	23.87	27.47	26.91	23.00	26.73	25.97	23.27	26.78	26.05
		12	6	23.66	27.53	26.62	23.80	27.69	26.77	22.94	26.94	25.97	23.11	26.95	26.10
		12	11	26.64	27.70	26.65	26.97	27.53	26.84	25.96	26.78	25.97	26.29	26.89	26.01
		25	0	23.64	27.48	26.45	23.87	27.65	26.78	22.91	26.81	26.03	23.23	26.76	26.19
	16QAM	1	0	23.09	27.00	25.96	23.36	27.02	26.42	22.58	26.36	25.42	22.56	26.37	25.62
		1	12	26.11	26.92	26.08	26.21	26.90	26.50	25.63	26.29	25.46	25.65	26.33	25.80
		1	24	26.03	27.10	25.90	26.33	27.16	26.47	25.58	26.44	25.47	25.52	26.33	25.65
		2	0	23.60	27.60	26.68	23.89	27.59	26.92	23.16	27.00	26.03	23.22	27.00	26.18
		2	23	26.46	27.70	26.40	26.96	27.70	26.95	26.17	26.92	26.07	26.02	26.93	26.03
		12	0	22.57	26.40	25.64	22.74	26.53	25.95	22.02	25.73	24.96	22.24	25.70	25.07
		12	6	22.46	26.49	25.64	22.98	26.49	25.97	22.05	25.84	25.10	22.27	25.71	25.03
		12	11	25.65	26.66	25.69	25.73	26.52	25.85	25.11	25.95	25.04	25.03	25.99	25.21
		25	0	22.67	26.50	25.53	22.97	26.53	25.88	22.08	25.80	25.01	22.05	25.95	25.02
	64QAM	1	0	22.20	25.94	25.10	22.42	26.15	25.34	21.40	25.35	24.48	21.53	25.23	24.77
		1	12	24.96	25.92	25.15	25.27	26.15	25.23	24.70	25.27	24.63	24.60	25.35	24.58
		1	24	24.95	26.04	24.99	25.36	25.97	25.26	24.56	25.32	24.56	24.71	25.45	24.61
		2	0	22.52	26.68	25.50	22.76	26.66	25.88	22.20	25.93	25.05	22.29	25.96	25.29
		2	23	25.40	26.69	25.40	25.89	26.61	25.81	25.08	26.00	24.91	25.13	25.96	25.01
		12	0	21.61	25.65	24.54	21.87	25.50	24.95	20.95	24.73	24.06	21.23	24.90	24.17
		12	6	21.70	25.65	24.52	21.94	25.62	24.76	20.93	24.97	24.19	21.08	24.72	24.11
		12	11	24.54	25.48	24.59	24.76	25.42	24.98	24.07	24.99	23.92	24.30	24.72	24.06
		25	0	21.44	25.66	24.44	21.71	25.65	24.87	21.18	24.73	24.06	21.03	24.70	24.20
	256QAM	1	0	19.18	23.02	22.19	19.21	22.97	22.45	18.44	22.37	21.61	18.76	22.31	21.73
		1	12	22.16	22.99	22.01	22.36	22.93	22.46	21.48	22.43	21.58	21.77	22.22	21.52
		1	24	21.99	23.08	22.13	22.26	22.91	22.21	21.67	22.33	21.42	21.59	22.22	21.63
		2	0	19.53	23.69	22.65	19.87	23.64	22.75	19.14	22.86	21.98	19.26	22.91	22.27
		2	23	22.60	23.56	22.43	22.75	23.63	23.00	21.96	22.91	22.08	22.12	22.88	22.18
		12	0	19.57	23.51	22.45	19.92	23.49	22.78	19.15	22.83	21.98	19.01	22.90	22.16
		12	6	19.40	23.42	22.42	19.84	23.57	22.78	19.09	22.87	22.20	19.30	22.87	22.11
		12	11	22.49	23.58	22.54	22.71	23.43	22.89	22.10	22.91	22.08	22.11	22.70	22.17
		25	0	19.42	23.69	22.64	19.76	23.54	22.82	19.09	22.90	22.15	19.28	22.88	22.24

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
10.0	QPSK	1	0	22.06	28.09	27.16	22.33	28.04	27.35	21.43	27.33	26.60	21.80	27.35	26.80
		1	24	27.20	28.20	27.20	27.50	28.20	27.50	26.70	27.50	26.70	26.80	27.50	26.80
		1	49	27.17	27.97	27.02	27.32	27.95	27.46	26.44	27.28	26.62	26.57	27.35	26.61
		2	0	22.69	28.58	27.50	22.82	28.67	27.76	22.09	27.88	27.13	22.09	27.96	27.13
		2	48	27.43	28.70	27.46	27.99	28.70	27.74	26.96	28.00	27.09	27.00	28.00	27.06
		25	0	23.57	27.53	26.53	23.83	27.64	26.96	23.02	26.77	26.06	23.25	26.89	26.20
		25	12	26.52	27.45	26.51	26.82	27.63	27.00	26.04	26.70	26.11	26.18	26.81	26.01
		25	24	25.40	27.54	26.68	25.83	27.67	26.79	24.95	26.79	26.06	25.22	26.94	26.07
		50	0	23.57	27.63	26.62	23.72	27.70	26.70	22.92	26.89	26.12	23.13	26.88	26.08
	16QAM	1	0	20.97	27.19	26.10	21.29	27.05	26.29	20.69	26.21	25.50	20.59	26.39	25.62
		1	24	26.03	27.18	26.00	26.46	27.00	26.49	25.61	26.34	25.40	25.75	26.28	25.51
		1	49	25.92	27.01	25.95	26.48	26.93	26.20	25.54	26.34	25.43	25.64	26.28	25.58
		2	0	21.68	27.63	26.63	21.71	27.65	26.72	21.04	26.98	26.18	21.12	26.96	26.16
		2	48	26.44	27.59	26.57	26.73	27.66	26.84	26.07	26.91	26.17	26.20	26.92	26.09
		25	0	22.53	26.45	25.66	22.77	26.57	25.95	22.15	25.81	24.91	22.07	25.80	25.10
		25	12	25.58	26.69	25.47	25.87	26.67	25.74	24.90	25.80	25.08	25.18	25.80	25.29
		25	24	24.56	26.46	25.47	24.90	26.55	25.70	23.90	25.91	24.92	24.29	25.96	25.02
		50	0	22.69	26.65	25.48	22.84	26.40	25.74	22.18	25.94	24.96	22.07	25.70	25.21
	64QAM	1	0	20.04	25.90	25.06	20.20	26.09	25.20	19.43	25.34	24.48	19.55	25.48	24.77
		1	24	25.20	25.91	24.90	25.26	26.16	25.36	24.64	25.37	24.67	24.57	25.38	24.65
		1	49	25.02	26.10	25.08	25.45	25.90	25.32	24.42	25.20	24.49	24.59	25.31	24.51
		2	0	20.40	26.57	25.58	20.98	26.55	25.72	20.20	25.91	25.11	20.15	25.91	25.09
		2	48	25.50	26.63	25.61	25.71	26.61	25.87	25.11	25.90	25.06	25.17	25.90	25.29
		25	0	21.46	25.57	24.59	21.79	25.70	24.88	21.12	24.85	24.00	21.29	24.98	24.14
		25	12	24.54	25.55	24.41	24.97	25.49	24.84	24.03	24.78	24.20	24.03	24.79	24.17
		25	24	23.40	25.61	24.69	23.90	25.55	24.81	23.12	24.94	23.97	23.04	24.96	24.02
		50	0	21.41	25.51	24.48	21.85	25.53	24.78	20.90	24.79	24.03	21.26	24.80	24.07
	256QAM	1	0	17.06	23.20	22.19	17.42	23.04	22.24	16.47	22.48	21.69	16.69	22.32	21.77
		1	24	22.18	23.16	22.08	22.28	22.90	22.30	21.69	22.38	21.61	21.65	22.28	21.74
		1	49	22.19	22.93	21.98	22.29	23.07	22.25	21.41	22.40	21.45	21.65	22.32	21.70
		2	0	17.46	23.59	22.52	17.98	23.59	22.80	16.91	22.98	21.96	17.27	22.88	22.26
		2	48	22.67	23.63	22.69	22.87	23.63	23.00	22.09	22.91	22.08	22.13	22.94	22.14
		25	0	19.53	23.69	22.56	19.98	23.44	22.79	18.96	22.80	21.93	19.24	22.95	22.12
		25	12	22.54	23.65	22.62	22.71	23.47	22.92	21.98	22.86	21.97	22.17	22.95	22.07
		25	24	21.56	23.61	22.51	21.79	23.43	22.72	21.11	22.88	22.14	21.20	22.94	22.20
		50	0	19.64	23.46	22.53	19.88	23.51	22.80	19.19	22.84	21.93	19.17	22.84	22.12

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
15.0	QPSK	1	0	22.00	28.05	26.90	22.28	28.14	27.34	21.67	27.30	26.61	21.61	27.47	26.53
		1	37	27.20	28.20	27.20	27.50	28.20	27.50	26.70	27.50	26.70	26.80	27.50	26.80
		1	74	26.93	28.04	27.09	27.48	27.90	27.39	26.57	27.39	26.43	26.72	27.29	26.56
		2	0	22.47	28.55	27.45	22.83	28.70	27.96	22.06	28.00	27.06	22.01	27.91	27.22
		2	73	27.53	28.70	27.67	27.98	28.69	27.82	27.00	27.98	27.10	27.12	28.00	27.12
		36	0	22.58	27.41	26.67	22.89	27.50	26.91	21.98	26.83	26.11	22.26	26.81	26.07
		36	16	26.55	27.40	26.44	26.74	27.56	26.74	25.90	26.98	25.92	26.22	26.74	26.26
		36	35	23.41	27.49	26.57	23.84	27.58	26.70	23.18	26.83	26.14	23.16	26.73	26.07
		75	0	22.63	27.56	26.53	22.99	27.61	26.88	22.18	26.88	26.11	22.24	26.98	26.29
	16QAM	1	0	21.07	27.04	25.94	21.50	26.95	26.42	20.48	26.50	25.51	20.62	26.49	25.72
		1	37	25.90	27.17	26.13	26.35	27.09	26.37	25.45	26.31	25.51	25.75	26.37	25.54
		1	74	26.10	27.02	25.95	26.46	27.11	26.37	25.43	26.44	25.41	25.70	26.23	25.53
		2	0	21.53	27.55	26.64	21.96	27.64	26.88	21.03	26.94	26.15	21.10	26.93	26.21
		2	73	26.52	27.65	26.42	26.92	27.62	26.88	26.10	26.99	25.94	26.11	26.91	26.30
		36	0	21.43	26.55	25.66	21.85	26.40	26.00	21.10	25.86	25.06	21.29	25.84	25.25
		36	16	25.53	26.64	25.54	25.79	26.43	25.86	24.98	25.79	25.09	25.23	26.00	25.26
		36	35	22.47	26.42	25.60	22.91	26.65	25.82	22.16	25.92	25.16	22.00	25.74	25.11
		75	0	21.42	26.66	25.59	22.00	26.51	25.83	21.01	25.72	25.15	21.15	25.99	25.12
	64QAM	1	0	20.03	26.10	25.19	20.46	25.96	25.20	19.62	25.48	24.62	19.55	25.44	24.73
		1	37	25.20	26.13	25.04	25.29	26.03	25.50	24.52	25.45	24.66	24.75	25.27	24.59
		1	74	24.90	26.08	25.12	25.42	26.17	25.49	24.66	25.28	24.66	24.62	25.34	24.54
		2	0	20.54	26.64	25.47	20.93	26.67	25.94	19.97	25.98	25.00	20.24	25.91	25.05
		2	73	25.67	26.68	25.40	25.93	26.69	25.77	25.16	25.91	24.96	25.00	26.00	25.04
		36	0	20.63	25.52	24.41	20.98	25.53	24.78	20.09	24.92	24.01	20.11	24.79	24.30
		36	16	24.52	25.62	24.44	24.78	25.53	24.84	24.13	24.87	24.07	24.26	25.00	24.06
		36	35	21.44	25.50	24.42	21.80	25.70	24.81	21.18	24.84	24.05	21.16	24.88	24.08
		75	0	20.42	25.58	24.62	20.98	25.42	24.77	20.11	24.79	23.98	20.05	24.88	24.10
	256QAM	1	0	16.92	23.09	22.17	17.50	22.97	22.35	16.65	22.33	21.44	16.58	22.48	21.65
		1	37	21.91	23.05	21.96	22.26	23.07	22.33	21.70	22.30	21.59	21.54	22.50	21.74
		1	74	22.00	22.93	22.15	22.29	23.05	22.27	21.58	22.40	21.50	21.53	22.32	21.67
		2	0	17.44	23.61	22.52	17.92	23.58	22.81	17.13	22.91	22.02	17.02	22.87	22.25
		2	73	22.63	23.70	22.49	22.90	23.58	22.93	22.19	22.94	21.96	22.16	22.89	22.10
		36	0	18.63	23.40	22.60	18.88	23.51	22.91	18.10	22.81	22.14	18.20	22.81	22.21
		36	16	22.67	23.67	22.50	22.75	23.59	22.78	22.05	22.78	21.90	22.04	22.99	22.06
		36	35	19.70	23.49	22.43	19.77	23.62	22.72	18.96	22.86	22.11	19.03	22.82	22.05
		75	0	18.52	23.49	22.58	18.86	23.47	22.73	17.94	22.89	21.99	18.02	22.82	22.17

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
20.0	QPSK	1	0	22.08	28.02	27.02	22.40	28.08	27.26	21.61	27.41	26.62	21.75	27.30	26.59
		1	49	27.20	28.20	27.20	27.50	28.20	27.50	26.70	27.50	26.70	26.80	27.50	26.80
		1	99	26.97	28.00	26.95	27.36	28.19	27.31	26.43	27.20	26.59	26.52	27.20	26.59
		2	0	22.69	28.70	27.65	22.71	28.63	27.71	21.99	28.00	27.08	22.06	27.88	27.12
		2	98	27.64	28.55	27.55	27.88	28.70	27.98	27.04	27.91	27.01	27.05	28.00	27.28
		50	0	22.68	27.48	26.70	22.95	27.47	26.91	22.15	26.77	26.03	22.08	26.70	26.19
		50	24	26.64	27.53	26.48	26.84	27.52	26.94	26.03	26.98	26.04	26.20	26.89	26.18
		50	49	23.50	27.45	26.43	23.71	27.58	26.88	22.91	26.96	25.91	23.30	26.84	26.07
		100	0	22.70	27.42	26.53	22.94	27.51	26.82	22.00	26.78	26.00	22.12	26.78	26.24
	16QAM	1	0	21.09	27.06	26.01	21.43	27.08	26.41	20.53	26.35	25.40	20.54	26.48	25.51
		1	49	25.94	27.15	26.04	26.29	26.94	26.50	25.63	26.25	25.45	25.78	26.45	25.56
		1	99	25.97	26.99	25.92	26.42	27.20	26.50	25.70	26.35	25.50	25.54	26.23	25.69
		2	0	26.44	27.10	26.72	22.95	28.44	27.78	23.03	27.00	27.50	26.56	26.72	26.39
		2	98	26.65	27.51	26.76	27.87	28.52	2.91	27.00	27.60	2.99	26.52	26.87	26.44
		50	0	21.57	26.58	25.60	21.76	26.44	25.89	21.07	25.79	25.20	21.02	25.94	25.30
		50	24	25.40	26.54	25.70	25.72	26.60	25.94	25.10	25.77	24.98	25.02	25.79	25.25
		50	49	22.56	26.62	25.56	22.86	26.49	25.98	22.06	25.88	24.98	22.29	25.88	25.26
		100	0	21.52	26.43	25.69	21.89	26.52	25.81	20.91	25.74	25.03	21.30	25.85	25.11
	64QAM	1	0	19.90	26.12	25.15	20.41	25.90	25.39	19.41	25.32	24.47	19.58	25.26	24.66
		1	49	25.02	26.19	24.93	25.37	25.97	25.33	24.65	25.38	24.60	24.76	25.42	24.65
		1	99	25.20	26.01	24.91	25.28	26.16	25.25	24.61	25.39	24.59	24.74	25.26	24.76
		2	0	20.44	26.55	25.60	20.90	26.69	25.74	20.11	25.93	25.05	20.15	25.90	25.29
		2	98	25.55	26.58	25.46	25.77	26.65	25.79	25.14	26.00	25.14	25.20	25.95	25.22
		50	0	20.41	25.61	24.48	20.87	25.46	24.84	19.99	24.76	24.00	20.06	24.97	24.07
		50	24	24.68	25.52	24.64	24.79	25.43	24.91	24.10	24.70	24.02	24.10	24.92	24.25
		50	49	21.69	25.54	24.66	21.97	25.61	24.83	21.03	24.83	24.06	21.17	24.73	24.04
		100	0	20.69	25.54	24.58	20.73	25.47	24.86	20.00	24.84	23.99	20.12	24.88	24.19
	256QAM	1	0	17.00	22.90	21.96	17.26	23.14	22.30	16.48	22.36	21.67	16.63	22.44	21.66
		1	49	21.91	22.93	21.90	22.40	23.14	22.35	21.70	22.32	21.52	21.73	22.38	21.51
		1	99	22.01	23.10	21.93	22.31	23.03	22.37	21.61	22.44	21.49	21.64	22.46	21.80
		2	0	17.40	23.62	22.48	18.00	23.64	22.95	17.12	22.88	22.00	17.06	22.91	22.09
		2	98	22.46	23.58	22.68	22.77	23.70	22.84	22.10	23.00	22.04	22.07	22.99	22.19
		50	0	18.69	23.54	22.41	18.79	23.53	22.75	18.09	22.76	21.91	18.26	22.82	22.08
		50	24	22.44	23.64	22.66	22.75	23.50	22.95	21.91	22.94	22.07	22.00	22.74	22.06
		50	49	19.53	23.47	22.47	19.74	23.62	22.98	19.07	22.75	22.09	19.16	22.74	22.19
		100	0	18.56	23.56	22.47	18.73	23.60	22.85	17.92	22.87	22.19	18.18	22.70	22.02

5G NR n41

Test Engineer ID:	106170	Test Date:	7/6/2024
-------------------	--------	------------	----------

OUTPUT POWER FOR 5G NR n41 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				500200	518600	537000	500200	518600	537000	500200	518600	537000	500200	518600	537000
10.0	BPSK			2501.0	2593.0	2685.0	2501.0	2593.0	2685.0	2501.0	2593.0	2685.0	2501.0	2593.0	2685.0
		1	0	22.00	24.62	23.58	22.21	24.58	23.79	21.64	23.98	23.08	21.60	23.91	23.20
		1	1	21.96	28.14	26.93	22.47	27.95	27.22	21.59	27.25	26.64	21.76	27.39	26.71
		1	22	27.20	27.95	27.17	27.50	28.01	27.22	26.70	27.41	26.48	26.80	27.26	26.52
		1	23	23.61	24.51	23.52	23.77	24.53	23.94	23.03	23.81	23.13	23.19	23.70	23.10
		12	6	24.02	28.70	27.70	24.39	28.70	28.00	23.44	28.00	27.20	23.53	28.00	27.30
		24	0	24.08	28.18	27.05	24.22	28.20	27.48	23.65	27.38	26.70	23.69	27.49	26.56
		1	0	21.57	24.40	23.52	21.77	24.54	24.00	20.95	24.00	23.14	21.22	23.97	23.13
	QPSK	1	1	21.56	28.12	26.95	21.83	27.90	27.28	21.15	27.49	26.68	21.05	27.41	26.57
		1	22	26.97	28.01	27.17	27.23	27.96	27.39	26.51	27.25	26.42	26.61	27.31	26.54
		1	23	23.57	24.41	23.49	23.90	24.55	23.80	23.03	23.81	23.12	23.02	23.77	23.16
		12	6	22.93	28.46	27.49	23.22	28.60	27.86	22.62	27.72	27.01	22.76	27.77	27.05
		24	0	22.98	27.68	26.43	23.22	27.45	26.92	22.64	27.00	26.02	22.71	26.71	26.23
		1	0	21.56	24.54	23.63	21.86	24.46	23.92	21.08	23.96	23.05	21.22	23.99	23.20
		1	1	21.47	27.12	25.97	21.75	27.00	26.20	21.16	26.37	25.62	21.22	26.39	25.64
		1	22	25.91	26.90	26.04	26.25	27.01	26.43	25.40	26.20	25.63	25.59	26.41	25.60
	16QAM	1	23	23.62	24.42	23.45	23.71	24.60	23.92	23.04	23.97	22.91	23.05	23.89	23.15
		12	6	22.61	27.50	26.63	22.82	27.53	26.80	22.01	26.80	26.04	22.06	26.99	26.21
		24	0	22.43	26.58	25.64	22.74	26.50	25.93	21.90	25.77	25.02	22.20	26.00	25.20
		1	0	20.96	24.52	23.63	21.37	24.48	23.79	20.57	23.78	23.03	20.77	23.96	23.17
		1	1	21.03	25.60	24.70	21.22	25.51	24.98	20.64	24.94	23.92	20.72	24.88	24.29
		1	22	24.58	25.59	24.47	24.81	25.67	24.94	24.09	24.87	24.17	24.02	24.99	24.15
		1	23	23.54	24.66	23.44	23.87	24.52	23.85	22.96	23.85	23.03	23.13	23.96	23.28
		12	6	22.56	25.98	25.06	22.85	25.96	25.32	21.92	25.31	24.45	22.18	25.46	24.66
	64QAM	24	0	22.62	26.06	25.01	22.75	26.08	25.22	22.00	25.20	24.66	22.11	25.26	24.53
		1	0	19.46	23.50	22.57	19.88	23.62	22.90	19.08	22.79	22.09	19.17	22.89	22.29
		1	1	19.46	23.70	22.58	19.85	23.41	22.72	18.99	22.72	22.14	19.00	22.74	22.06
		1	22	22.58	23.45	22.43	22.96	23.52	22.78	22.00	22.87	21.93	22.17	22.70	22.17
		1	23	22.50	23.68	22.55	22.98	23.40	22.88	22.09	22.81	22.14	22.13	22.71	22.03
		12	6	21.00	24.09	22.98	21.34	24.20	23.23	20.49	23.29	22.57	20.57	23.35	22.60
		24	0	21.12	24.04	23.05	21.34	24.10	23.47	20.40	23.48	22.55	20.63	23.34	22.58
	256QAM														

OUTPUT POWER FOR 5G NR n41 (15.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				500700	518600	536500	500700	518600	536500	500700	518600	536500	500700	518600	536500
15.0	BPSK			2503.5	2593.0	2682.5	2503.5	2593.0	2682.5	2503.5	2593.0	2682.5	2503.5	2593.0	2682.5
		1	0	22.11	24.62	23.57	22.39	24.44	23.87	21.50	23.86	23.18	21.77	23.77	23.12
		1	1	21.92	28.20	26.96	22.47	28.07	27.24	21.61	27.38	26.43	21.60	27.25	26.71
		1	36	27.20	28.07	27.13	27.50	28.17	27.46	26.70	27.43	26.61	26.80	27.28	26.70
		1	37	23.62	24.51	23.43	23.87	24.43	23.93	23.01	23.83	23.04	23.15	23.86	23.17
		18	9	24.02	28.70	27.70	24.20	28.70	28.00	23.42	28.00	27.20	23.64	28.00	27.30
		36	0	24.12	28.09	26.93	24.20	28.04	27.22	23.50	27.37	26.55	23.72	27.31	26.70
		1	0	21.40	24.44	23.61	21.81	24.61	23.78	21.14	23.73	22.93	21.12	23.72	23.15
	QPSK	1	1	21.57	28.07	27.05	21.82	28.10	27.37	20.98	27.27	26.45	21.23	27.21	26.68
		1	36	27.08	28.06	27.11	27.46	28.00	27.41	26.57	27.27	26.61	26.54	27.31	26.65
		1	37	23.45	24.55	23.41	23.88	24.61	23.75	23.16	23.86	23.05	23.26	23.97	23.13
		18	9	22.92	28.46	27.45	23.22	28.51	27.76	22.59	27.98	27.07	22.72	27.94	27.21
		36	0	23.10	27.48	26.51	23.49	27.44	26.90	22.41	26.76	25.96	22.79	26.88	26.12
		1	0	21.41	24.69	23.41	21.97	24.70	23.82	21.02	23.82	22.93	21.27	23.82	23.19
		1	1	21.57	27.07	26.20	21.84	26.94	26.48	21.16	26.45	25.51	21.27	26.46	25.55
		1	36	25.96	27.20	26.18	26.50	26.97	26.30	25.45	26.29	25.41	25.51	26.29	25.51
	16QAM	1	37	23.66	24.42	23.51	23.98	24.65	23.80	23.00	23.90	23.06	23.13	23.94	23.14
		18	9	22.61	27.66	26.45	22.95	27.50	26.86	22.15	26.80	25.95	22.02	26.87	26.07
		36	0	22.47	26.49	25.56	22.89	26.40	25.90	22.16	25.91	24.94	22.30	25.89	25.14
		1	0	20.90	24.45	23.47	21.41	24.70	23.77	20.67	23.82	22.91	20.53	23.99	23.16
		1	1	21.00	25.44	24.49	21.39	25.43	24.86	20.57	24.83	24.02	20.74	24.98	24.24
		1	36	24.42	25.40	24.67	24.82	25.70	24.84	23.97	24.76	24.04	24.00	25.00	24.06
		1	37	23.45	24.48	23.53	23.75	24.53	23.95	22.97	23.82	22.94	23.28	23.87	23.03
		18	9	22.45	26.00	24.98	22.83	25.93	25.36	21.95	25.29	24.64	22.15	25.35	24.57
	64QAM	36	0	22.58	26.20	25.11	22.98	26.08	25.31	22.00	25.42	24.43	22.02	25.39	24.68
		1	0	19.55	23.48	22.42	19.77	23.42	22.90	19.19	22.88	21.96	19.22	22.77	22.26
		1	1	19.62	23.45	22.41	19.81	23.48	22.74	19.04	22.98	22.18	19.09	22.97	22.30
		1	36	22.62	23.52	22.51	22.76	23.55	22.90	22.18	22.81	22.08	22.16	22.85	22.19
		1	37	22.70	23.70	22.45	22.73	23.63	22.75	21.99	22.88	21.94	22.24	22.82	22.22
		18	9	21.10	23.95	23.05	21.28	24.13	23.37	20.69	23.33	22.47	20.77	23.49	22.63
		36	0	21.19	24.19	23.16	21.34	24.18	23.39	20.67	23.28	22.43	20.76	23.34	22.75

OUTPUT POWER FOR 5G NR n41 (20.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				501200	518600	536000	501200	518600	536000	501200	518600	536000	501200	518600	536000
20.0	BPSK	1	0	2506.0	2593.0	2680.0	2506.0	2593.0	2680.0	2506.0	2593.0	2680.0	2506.0	2593.0	2680.0
		1	1	22.13	24.65	23.40	22.28	24.55	23.97	21.53	23.95	23.19	21.77	23.96	23.04
		1	1	22.16	28.09	26.90	22.47	27.94	27.47	21.59	27.32	26.44	21.56	27.36	26.77
		1	49	27.20	28.18	26.94	27.50	28.12	27.21	26.70	27.36	26.64	26.80	27.33	26.56
		1	50	23.63	24.69	23.40	23.83	24.45	23.81	23.13	23.94	23.15	23.15	23.89	23.08
		25	12	24.02	28.70	27.70	24.44	28.70	28.00	23.48	28.00	27.20	23.80	28.00	27.30
	QPSK	50	0	24.14	27.94	27.14	24.36	28.04	27.31	23.65	27.29	26.49	23.77	27.36	26.78
		1	0	21.50	24.51	23.51	21.97	24.59	23.96	20.97	23.70	22.90	21.22	23.99	23.11
		1	1	21.68	28.00	27.06	21.84	28.15	27.30	21.16	27.35	26.59	21.01	27.50	26.69
		1	49	26.91	28.19	27.13	27.20	28.10	27.31	26.43	27.24	26.59	26.60	27.46	26.52
		1	50	23.50	24.70	23.63	23.88	24.52	23.71	23.20	23.87	23.14	23.04	23.86	23.12
		25	12	22.95	28.67	27.43	23.21	28.50	27.91	22.58	27.90	27.15	22.56	27.73	27.20
	16QAM	50	0	22.99	27.50	26.54	23.43	27.55	26.87	22.66	26.89	25.96	22.53	26.93	26.09
		1	0	21.51	24.55	23.53	21.90	24.43	23.85	21.15	23.85	23.17	21.12	23.96	23.07
		1	1	21.63	26.95	25.92	22.00	27.16	26.43	20.93	26.42	25.57	21.04	26.37	25.64
		1	49	26.09	26.96	26.04	26.47	27.10	26.41	25.43	26.47	25.45	25.71	26.31	25.61
		1	50	23.50	24.49	23.60	23.73	24.45	24.00	22.91	23.89	23.14	23.09	23.94	23.20
		25	12	22.49	27.46	26.58	22.91	27.61	26.91	22.19	26.70	25.92	22.10	26.86	26.03
	64QAM	50	0	22.42	26.46	25.63	22.94	26.42	25.87	21.98	25.81	24.97	22.21	25.76	25.04
		1	0	20.90	24.55	23.56	21.27	24.42	23.73	20.49	23.77	23.14	20.58	23.89	23.25
		1	1	21.02	25.60	24.52	21.24	25.43	25.00	20.47	24.96	23.93	20.65	24.81	24.19
		1	49	24.40	25.57	24.64	24.81	25.41	24.89	24.08	24.98	24.04	24.22	24.93	24.15
		1	50	23.59	24.52	23.45	23.70	24.42	23.79	22.95	23.75	23.03	23.09	23.93	23.01
		25	12	22.64	25.94	25.04	22.81	25.91	25.39	22.10	25.35	24.57	22.30	25.28	24.62
	256QAM	50	0	22.47	26.17	25.19	22.91	25.99	25.44	21.91	25.39	24.48	22.27	25.48	24.72
		1	0	19.45	23.49	22.67	19.94	23.65	23.00	19.15	22.82	22.09	19.05	22.75	22.19
		1	1	19.55	23.59	22.46	19.95	23.61	22.89	19.20	22.94	21.92	19.10	22.92	22.25
		1	49	22.66	23.55	22.48	22.84	23.45	22.98	22.10	22.72	22.10	22.22	22.70	22.23
		1	50	22.67	23.66	22.56	22.86	23.43	22.98	22.10	22.91	21.91	22.27	22.85	22.06
		25	12	21.20	24.13	23.05	21.48	23.97	23.36	20.43	23.36	22.48	20.60	23.26	22.64
		50	0	20.92	24.10	23.06	21.46	24.05	23.25	20.54	23.31	22.43	20.51	23.47	22.67

OUTPUT POWER FOR 5G NR n41 (30.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				502200	518600	525000	502200	518600	525000	502200	518600	525000	502200	518600	525000
30.0	BPSK	1	0	2511.0	2593.0	2675.0	2511.0	2593.0	2675.0	2511.0	2593.0	2675.0	2511.0	2593.0	2675.0
		1	1	22.13	24.58	23.59	22.25	24.49	23.96	21.44	23.87	22.97	21.65	23.85	23.27
		1	1	22.11	28.11	26.95	22.32	27.98	27.39	21.52	27.46	26.55	21.62	27.21	26.73
		1	76	27.20	27.93	27.15	27.50	28.10	27.44	26.70	27.31	26.43	26.80	27.30	26.79
		1	77	23.52	24.45	23.68	23.84	24.66	23.74	23.17	23.70	23.10	23.17	23.87	23.23
		36	18	23.97	28.70	27.70	24.39	28.70	28.00	23.63	28.00	27.20	23.61	28.00	27.30
	QPSK	75	0	24.14	27.99	27.17	24.29	27.93	27.35	23.45	27.33	26.67	23.55	27.20	26.56
		1	0	21.43	24.60	23.53	21.84	24.67	23.75	20.93	23.98	23.07	21.13	23.92	23.29
		1	1	21.46	28.08	26.99	21.72	28.08	27.31	21.20	27.25	26.68	21.00	27.37	26.52
		1	76	27.17	28.19	26.99	27.25	28.06	27.48	26.63	27.24	26.40	26.62	27.35	26.78
		1	77	23.68	24.66	23.40	23.92	24.61	23.96	23.11	23.73	22.95	23.17	23.77	23.12
		36	18	22.92	28.52	27.60	23.28	28.41	27.74	22.64	27.77	27.13	22.78	27.88	27.10
	16QAM	75	0	23.17	27.56	26.54	23.29	27.65	26.71	22.56	26.87	26.03	22.63	26.83	26.10
		1	0	21.59	24.53	23.42	21.81	24.56	23.98	21.16	23.91	23.17	21.03	23.72	23.23
		1	1	21.48	26.97	25.98	21.77	26.95	26.23	21.01	26.28	25.47	21.12	26.26	25.74
		1	76	26.18	27.03	26.05	26.26	26.96	26.38	25.49	26.27	25.66	25.53	26.21	25.78
		1	77	23.50	24.61	23.49	23.72	24.68	23.78	23.03	23.86	22.95	23.04	23.92	23.18
		36	18	22.63	27.59	26.50	22.71	27.53	26.77	22.18	26.93	26.13	22.16	26.86	26.26
	64QAM	75	0	22.60	26.70	25.45	22.93	26.47	25.94	21.95	25.88	25.11	22.08	25.75	25.18
		1	0	21.09	24.61	23.40	21.44	24.53	23.72	20.45	23.98	23.18	20.65	23.75	23.24
		1	1	21.17	25.41	24.68	21.29	25.70	24.91	20.65	24.99	24.04	20.63	24.76	24.17
		1	76	24.63	25.63	24.54	24.82	25.70	24.82	24.02	24.98	23.91	24.08	24.93	24.10
		1	77	23.63	24.66	23.68	23.99	24.57	23.85	23.01	23.91	23.02	23.15	23.89	23.18
		36	18	22.48	25.97	25.11	22.92	26.16	25.34	21.95	25.26	24.46	22.27	25.24	24.68
	256QAM	75	0	22.63	26.14	25.13	22.99	26.07	25.36	22.13	25.39	24.48	22.14	25.35	24.53
		1	0	19.40	23.58	22.48	19.73	23.69	23.00	18.93	22.85	22.16	19.25	22.98	22.01
		1	1	19.67	23.48	22.58	19.76	23.44	22.70	19.08	22.91	22.11	19.27	22.89	22.30
		1	76	22.41	23.47	22.40	22.91	23.67	22.97	22.06	22.72	22.15	22.05	22.82	22.18
		1	77	22.54	23.65	22.43	22.84	23.51	22.70	21.96	22.80	22.13	22.21	22.76	22.23
		36	18	21.11	23.99	22.99	21.44	24.10	23.20	20.56	23.23	22.47	20.57	23.47	22.72
		75	0	21.11	23.97	22.93	21.46	23.92	23.32	20.47	23.22	22.52	20.56	23.42	22.75

OUTPUT POWER FOR 5G NR n41 (40.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				503200	518600	534000	503200	518600	534000	503200	518600	534000	503200	518600	534000
40.0	BPSK	1	0	22.20	24.66	23.44	22.25	24.69	23.90	21.47	23.88	22.90	21.66	23.86	23.10
		1	1	22.12	27.94	26.91	22.29	27.92	27.33	21.59	27.40	26.48	21.63	27.25	26.69
		1	104	27.20	27.90	27.00	27.50	28.13	27.32	26.70	27.31	26.59	26.80	27.34	26.74
		1	105	23.65	24.51	23.48	23.88	24.49	23.89	23.17	23.81	23.18	23.26	23.80	23.04
		50	25	23.97	28.70	27.70	24.25	28.70	28.00	23.50	28.00	27.20	23.53	28.00	27.30
		100	0	24.19	28.15	27.07	24.38	27.91	27.34	23.49	27.33	26.60	23.79	27.38	26.76
	QPSK	1	0	21.57	24.67	23.54	21.76	24.51	23.80	20.98	23.82	22.97	21.00	23.94	23.11
		1	1	21.54	28.08	27.02	21.80	28.06	27.25	20.94	27.49	26.49	21.13	27.23	26.80
		1	104	26.94	28.16	27.08	27.23	28.19	27.32	26.45	27.32	26.49	26.57	27.40	26.56
		1	105	23.41	24.47	23.48	23.97	24.45	23.73	23.06	23.97	23.09	23.04	23.74	23.04
		50	25	22.96	28.47	27.57	23.28	28.64	27.87	22.52	27.82	26.91	22.67	27.78	27.17
		100	0	23.16	27.63	26.58	23.22	27.53	26.92	22.48	26.88	26.12	22.51	26.76	26.03
	16QAM	1	0	21.59	24.58	23.62	21.75	24.64	24.00	20.95	23.73	23.03	21.22	23.97	23.29
		1	1	21.56	27.19	26.07	21.70	27.19	26.48	21.00	26.31	25.52	21.21	26.50	25.72
		1	104	26.19	26.93	26.18	26.46	26.97	26.27	25.61	26.35	25.63	25.68	26.46	25.66
		1	105	23.41	24.51	23.70	23.89	24.64	23.98	23.13	23.99	22.96	23.27	23.98	23.16
		50	25	22.66	27.59	26.58	22.76	27.57	26.87	22.12	26.70	26.02	22.03	26.75	26.25
		100	0	22.70	26.44	25.62	22.84	26.57	25.75	22.02	26.00	25.01	22.18	25.73	25.14
	64QAM	1	0	21.13	24.47	23.50	21.36	24.68	23.87	20.48	23.95	23.14	20.80	23.97	23.09
		1	1	20.92	25.49	24.41	21.49	25.70	24.98	20.52	24.78	24.07	20.58	24.95	24.21
		1	104	24.57	25.45	24.55	24.76	25.51	24.81	23.96	24.77	24.08	24.18	25.00	24.07
		1	105	23.67	24.59	23.70	23.91	24.60	23.77	22.94	23.94	23.03	23.13	23.78	23.01
		50	25	22.63	26.12	25.08	22.90	26.03	25.22	21.93	25.38	24.43	22.21	25.42	24.58
		100	0	22.54	26.14	25.07	22.87	26.07	25.26	22.20	25.32	24.40	22.23	25.28	24.80
	256QAM	1	0	19.61	23.69	22.65	19.78	23.59	22.73	19.08	22.91	21.90	19.15	22.92	22.27
		1	1	19.60	23.64	22.60	19.76	23.64	22.82	19.06	22.72	21.96	19.07	22.92	22.07
		1	104	22.65	23.43	22.68	22.81	23.59	22.73	22.09	22.94	22.18	22.17	22.77	22.09
		1	105	22.51	23.68	22.42	22.79	23.65	23.00	22.16	22.81	21.95	22.28	22.77	22.06
		50	25	20.92	24.17	23.16	21.24	24.14	23.47	20.51	23.25	22.54	20.55	23.50	22.56
		100	0	20.91	24.17	23.06	21.50	24.04	23.40	20.46	23.30	22.46	20.59	23.22	22.51

OUTPUT POWER FOR 5G NR n41 (50.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				504200	518600	533000	504200	518600	533000	504200	518600	533000	504200	518600	533000
50.0	BPSK	1	0	2521.0	2593.0	2665.0	2521.0	2593.0	2665.0	2521.0	2593.0	2665.0	2521.0	2593.0	2665.0
		1	1	22.16	24.45	23.42	22.41	24.41	23.70	21.56	23.80	23.07	21.61	23.96	23.00
		1	131	27.20	28.00	27.17	27.50	28.02	27.29	26.70	27.38	26.40	26.80	27.29	26.79
		1	132	23.69	24.61	23.54	23.79	24.61	23.82	23.15	24.00	22.95	23.06	23.93	23.21
		64	32	23.94	28.70	27.70	24.44	28.70	28.00	23.45	28.00	27.20	23.80	28.00	27.30
		128	0	23.92	28.19	27.12	24.42	28.01	27.20	23.49	27.39	26.54	23.54	27.26	26.51
	QPSK	1	0	21.56	24.51	23.53	21.98	24.60	23.78	20.94	23.96	23.16	21.04	23.98	23.13
		1	1	21.41	27.96	26.93	22.00	28.09	27.35	20.94	27.47	26.46	21.24	27.41	26.69
		1	131	26.95	28.08	26.93	27.31	27.98	27.38	26.65	27.25	26.65	26.72	27.36	26.79
		1	132	23.60	24.61	23.56	23.97	24.47	23.93	22.96	23.84	22.94	23.09	23.84	23.06
		64	32	23.14	28.50	27.62	23.39	28.46	28.00	22.63	27.74	27.05	22.69	28.00	27.21
		128	0	22.93	27.58	26.47	23.43	27.47	26.73	22.44	26.89	26.14	22.50	26.84	26.10
	16QAM	1	0	21.65	24.43	23.68	21.74	24.60	23.74	20.95	23.79	23.18	21.10	23.75	23.08
		1	1	21.48	26.97	26.10	21.93	27.06	26.25	21.18	26.47	25.45	21.00	26.21	25.54
		1	131	26.05	27.00	25.99	26.47	27.13	26.42	25.63	26.47	25.51	25.60	26.22	25.70
		1	132	23.40	24.54	23.47	23.77	24.66	23.93	23.00	23.85	23.19	23.12	23.93	23.11
		64	32	22.68	27.63	26.60	22.72	27.42	26.72	22.03	26.71	26.10	22.08	26.90	26.06
		128	0	22.65	26.51	25.60	22.88	26.43	25.90	22.02	25.70	25.14	22.16	25.81	25.21
	64QAM	1	0	21.12	24.48	23.54	21.31	24.52	23.90	20.42	23.95	23.10	20.52	23.77	23.21
		1	1	20.94	25.55	24.50	21.29	25.47	24.80	20.46	24.77	24.02	20.68	24.87	24.11
		1	131	24.68	25.41	24.56	24.96	25.59	24.91	24.18	24.92	24.13	24.26	24.94	24.17
		1	132	23.49	24.55	23.40	23.90	24.57	23.91	22.97	23.90	23.12	23.25	23.73	23.18
		64	32	22.60	26.02	24.99	22.93	26.06	25.38	22.08	25.48	24.63	22.14	25.37	24.72
		128	0	22.42	26.20	25.01	22.72	26.14	25.20	21.94	25.50	24.53	22.02	25.23	24.74
	256QAM	1	0	19.49	23.42	22.64	19.84	23.63	22.73	19.08	22.93	22.02	19.05	22.73	22.30
		1	1	19.60	23.44	22.49	19.91	23.46	22.96	19.05	22.75	22.04	19.26	22.99	22.19
		1	131	22.62	23.40	22.51	22.88	23.70	22.84	21.98	22.83	22.16	22.03	22.95	22.24
		1	132	22.54	23.63	22.70	23.00	23.42	22.94	22.16	22.99	21.96	22.06	23.00	22.11
		64	32	20.90	24.19	23.16	21.35	23.92	23.46	20.60	23.50	22.45	20.69	23.27	22.69
		128	0	20.95	24.18	23.07	21.34	23.96	23.42	20.41	23.35	22.61	20.60	23.20	22.79

OUTPUT POWER FOR 5G NR n41 (60.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				505200	518600	532000	505200	518600	532000	505200	518600	532000	505200	518600	532000
60.0	BPSK	1	0	2526.0	2593.0	2660.0	2526.0	2593.0	2660.0	2526.0	2593.0	2660.0	2526.0	2593.0	2660.0
		1	1	22.02	24.44	23.60	22.35	24.41	23.75	21.61	23.98	22.99	21.53	23.70	23.13
		1	1	21.90	27.99	27.20	22.38	27.93	27.25	21.45	27.28	26.63	21.58	27.30	26.54
		1	160	27.20	28.06	27.19	27.50	28.01	27.22	26.70	27.26	26.57	26.80	27.31	26.63
		1	161	23.54	24.40	23.41	23.85	24.57	23.87	23.09	23.83	23.13	23.03	23.78	23.21
		81	40	23.92	28.70	27.70	24.21	28.70	28.00	23.50	28.00	27.20	23.79	28.00	27.30
	QPSK	162	0	23.91	28.09	26.91	24.35	28.05	27.29	23.63	27.25	26.42	23.58	27.29	26.57
		1	0	21.65	24.58	23.63	21.93	24.41	23.75	21.11	23.84	23.18	21.23	23.86	23.14
		1	1	21.55	27.94	26.95	21.94	28.17	27.36	21.01	27.36	26.68	21.12	27.27	26.51
		1	160	27.10	28.04	27.15	27.29	28.04	27.32	26.51	27.41	26.48	26.57	27.33	26.50
		1	161	23.50	24.51	23.52	23.95	24.59	23.91	23.10	24.00	22.95	23.29	23.72	23.04
		81	40	23.07	28.53	27.62	23.45	28.47	27.86	22.42	27.74	27.07	22.78	27.94	27.17
	16QAM	162	0	23.19	27.68	26.56	23.40	27.62	26.89	22.42	26.74	26.07	22.61	26.87	26.28
		1	0	21.65	24.70	23.60	21.73	24.67	23.92	20.95	23.99	23.16	21.22	23.79	23.26
		1	1	21.52	27.15	26.08	21.95	27.20	26.28	20.90	26.26	25.55	21.08	26.37	25.69
		1	160	26.19	26.91	26.06	26.34	27.16	26.32	25.40	26.48	25.55	25.51	26.44	25.65
		1	161	23.46	24.46	23.67	23.70	24.56	23.79	23.00	23.79	23.16	23.29	23.91	23.12
		81	40	22.43	27.67	26.60	22.88	27.63	26.74	22.11	26.70	26.12	22.13	26.76	26.28
	64QAM	162	0	22.61	26.59	25.61	22.84	26.48	25.93	22.06	25.73	24.97	22.26	25.99	25.19
		1	0	21.01	24.70	23.41	21.40	24.45	23.89	20.68	23.84	23.13	20.80	23.92	23.04
		1	1	20.92	25.68	24.50	21.36	25.63	24.88	20.53	24.78	24.10	20.51	24.76	24.24
		1	160	24.59	25.47	24.45	24.78	25.61	24.82	24.19	24.87	24.04	24.26	24.76	24.26
		1	161	23.46	24.51	23.50	23.96	24.64	23.97	22.90	23.97	22.97	23.12	23.82	23.17
		81	40	22.40	25.96	25.01	22.77	25.92	25.36	22.14	25.49	24.46	22.13	25.22	24.76
	256QAM	162	0	22.47	26.06	25.16	22.91	25.90	25.36	22.16	25.31	24.50	22.29	25.22	24.76
		1	0	19.54	23.44	22.64	19.90	23.41	22.82	18.93	23.00	22.12	19.11	22.75	22.28
		1	1	19.47	23.61	22.63	19.72	23.41	22.79	19.16	22.88	21.98	19.24	22.98	22.14
		1	160	22.46	23.68	22.56	22.75	23.61	22.76	22.11	22.99	22.01	22.23	22.91	22.05
		1	161	22.41	23.40	22.62	22.77	23.68	22.95	22.19	22.88	22.05	22.18	22.92	22.20
		81	40	20.93	24.08	23.16	21.27	24.15	23.25	20.64	23.48	22.62	20.52	23.39	22.53
		162	0	20.97	24.02	23.15	21.38	24.09	23.20	20.51	23.25	22.63	20.64	23.41	22.54

OUTPUT POWER FOR 5G NR n41 (70.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				506200	518600	531000	506200	518600	531000	506200	518600	531000	506200	518600	531000
70.0	BPSK	1	0	2531.0	2593.0	2655.0	2531.0	2593.0	2655.0	2531.0	2593.0	2655.0	2531.0	2593.0	2655.0
		1	1	21.93	22.91	23.65	22.23	22.95	24.00	21.66	22.49	23.20	21.61	22.24	23.07
		1	1	21.97	23.11	27.04	22.25	23.02	27.44	21.67	22.27	26.46	21.53	22.33	26.68
		1	187	27.20	27.99	27.17	27.50	28.03	27.22	26.70	27.41	26.66	26.80	27.25	26.78
		1	188	23.55	24.50	23.62	23.70	24.59	23.99	22.97	23.74	23.13	23.27	23.74	23.30
		90	45	24.15	28.70	27.70	24.32	28.70	28.00	23.43	28.00	27.20	23.75	28.00	27.30
	QPSK	180	0	24.15	28.10	27.07	24.29	28.02	27.22	23.49	27.29	26.49	23.65	27.33	26.52
		1	0	21.60	22.63	23.55	21.84	22.61	23.95	21.09	21.93	23.03	21.06	22.00	23.12
		1	1	21.61	22.49	27.01	21.88	22.66	27.25	21.01	21.89	26.49	21.25	21.70	26.56
		1	187	26.93	28.02	27.00	27.31	28.20	27.20	26.59	27.40	26.50	26.64	27.28	26.55
		1	188	23.60	24.50	23.41	23.86	24.55	23.90	23.02	23.87	22.96	23.21	23.81	23.18
		90	45	23.07	28.64	27.50	23.44	28.52	27.77	22.44	27.82	27.00	22.68	27.95	27.20
	16QAM	180	0	23.01	27.66	26.54	23.24	27.49	26.77	22.57	26.80	26.09	22.68	26.86	26.05
		1	0	21.64	22.51	23.55	21.70	22.57	23.72	21.13	21.93	23.13	21.03	21.83	23.27
		1	1	21.46	22.51	26.07	21.79	22.43	26.28	21.04	21.91	25.56	21.27	21.91	25.57
		1	187	26.04	27.19	26.10	26.30	27.02	26.48	25.52	26.25	25.44	25.53	26.37	25.68
		1	188	23.47	24.69	23.51	23.99	24.40	23.76	23.01	23.88	23.00	23.07	23.78	23.23
		90	45	22.69	27.58	26.58	22.86	27.57	26.94	21.91	26.79	26.19	22.11	26.83	26.25
	64QAM	180	0	22.49	26.41	25.56	22.94	26.58	25.83	21.98	25.73	24.94	22.17	25.78	25.00
		1	0	21.10	21.94	23.40	21.44	22.18	23.73	20.67	21.50	23.01	20.59	21.35	23.15
		1	1	21.07	22.20	24.65	21.39	22.11	24.90	20.58	21.31	24.06	20.75	21.34	24.16
		1	187	24.66	25.44	24.56	24.73	25.52	24.81	23.97	24.98	24.07	24.09	24.72	24.15
		1	188	23.58	24.54	23.56	23.94	24.54	23.91	23.00	23.72	23.05	23.03	24.00	23.29
		90	45	22.70	25.92	25.19	22.92	26.05	25.23	22.19	25.47	24.68	22.25	25.34	24.52
	256QAM	180	0	22.68	25.97	25.01	22.73	25.99	25.35	21.92	25.31	24.67	22.10	25.42	24.64
		1	0	19.54	20.69	22.61	19.96	20.61	23.00	19.11	19.70	22.02	19.09	19.94	22.11
		1	1	19.46	20.59	22.69	19.77	20.66	22.75	19.05	19.86	21.90	19.23	19.74	22.00
		1	187	22.65	23.55	22.42	22.82	23.49	22.83	22.01	22.80	22.08	22.25	22.80	22.26
		1	188	22.46	23.52	22.41	22.72	23.47	22.82	22.11	22.75	21.90	22.25	22.86	22.22
		90	45	21.05	23.92	23.03	21.42	24.10	23.26	20.63	23.28	22.62	20.74	23.20	22.76
		180	0	21.06	24.17	23.16	21.49	24.09	23.24	20.43	23.40	22.49	20.78	23.36	22.59

OUTPUT POWER FOR 5G NR n41 (80.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				507200	518600	530000	507200	518600	530000	507200	518600	530000	507200	518600	530000
80.0	BPSK	1	0	22.02	23.03	23.40	22.44	23.16	23.92	21.54	22.24	23.13	21.55	22.21	23.18
		1	1	22.01	22.94	27.09	22.34	23.05	27.49	21.60	22.41	26.59	21.62	22.37	26.66
		1	215	27.20	28.18	26.97	27.50	28.18	27.39	26.70	27.28	26.54	26.80	27.45	26.70
		1	216	23.48	24.64	23.64	23.98	24.65	23.96	23.06	23.96	22.91	23.09	23.74	23.30
		108	54	24.10	28.70	27.70	24.46	28.70	28.00	23.47	28.00	27.20	23.58	28.00	27.30
		216	0	23.96	27.92	26.99	24.22	27.94	27.37	23.48	27.41	26.59	23.79	27.31	26.79
	QPSK	1	0	21.42	22.57	23.64	21.97	22.68	23.72	21.05	21.85	22.93	21.17	21.72	23.15
		1	1	21.47	22.65	27.19	21.91	22.49	27.32	21.04	21.71	26.60	21.24	21.75	26.60
		1	215	27.10	28.18	27.10	27.21	28.12	27.40	26.56	27.23	26.69	26.56	27.26	26.76
		1	216	23.63	24.57	23.65	23.72	24.55	24.00	22.92	23.81	23.00	23.20	23.71	23.03
		108	54	23.04	28.66	27.62	23.44	28.67	27.92	22.49	27.74	27.12	22.78	27.98	27.14
		216	0	23.02	27.47	26.43	23.42	27.45	26.93	22.56	26.86	25.93	22.61	26.96	26.00
	16QAM	1	0	21.44	22.48	23.56	21.85	22.48	23.84	21.00	21.89	23.06	21.07	21.78	23.17
		1	1	21.55	22.56	26.02	21.70	22.57	26.34	20.99	21.98	25.49	21.19	21.87	25.80
		1	215	25.99	26.90	26.06	26.20	26.92	26.41	25.48	26.46	25.50	25.58	26.46	25.52
		1	216	23.66	24.44	23.40	23.98	24.65	23.83	23.16	23.80	22.91	23.17	23.99	23.23
		108	54	22.66	27.41	26.48	22.79	27.67	26.99	21.95	26.78	26.14	22.29	26.94	26.11
		216	0	22.68	26.42	25.53	22.95	26.65	25.80	21.99	25.87	24.92	22.09	25.73	25.28
	64QAM	1	0	20.91	21.90	23.67	21.32	22.15	23.83	20.50	21.32	23.02	20.56	21.46	23.01
		1	1	20.97	21.95	24.53	21.35	22.01	24.86	20.53	21.50	23.93	20.65	21.43	24.12
		1	215	24.60	25.54	24.58	24.86	25.49	24.94	24.09	24.82	23.99	24.02	24.74	24.17
		1	216	23.42	24.68	23.55	23.81	24.45	23.76	22.94	24.00	23.19	23.09	23.87	23.20
		108	54	22.49	26.18	24.97	22.73	26.05	25.31	22.17	25.38	24.44	22.26	25.35	24.54
		216	0	22.64	26.16	25.18	22.71	26.10	25.37	22.01	25.38	24.46	22.06	25.26	24.65
	256QAM	1	0	19.49	20.40	22.42	19.70	20.44	22.87	19.14	19.87	22.14	19.15	19.97	22.12
		1	1	19.43	20.46	22.58	19.90	20.69	22.91	18.93	19.97	22.13	19.20	19.88	22.01
		1	215	22.70	23.42	22.68	22.73	23.43	22.99	22.07	22.81	21.94	22.05	22.87	22.17
		1	216	22.49	23.61	22.56	22.73	23.61	22.79	22.17	23.00	22.16	22.29	22.70	22.01
		108	54	21.15	24.13	22.99	21.31	24.05	23.38	20.55	23.33	22.42	20.64	23.28	22.69
		216	0	20.91	24.04	23.04	21.50	24.20	23.22	20.47	23.28	22.42	20.61	23.35	22.63

OUTPUT POWER FOR 5G NR n41 (90.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				508200	518600	529000	508200	518600	529000	508200	518600	529000	508200	518600	529000
90.0	BPSK	1	0	21.99	22.96	23.64	22.29	23.09	23.88	21.64	22.43	23.02	21.66	22.20	23.15
		1	1	22.05	23.18	27.14	22.33	23.18	27.42	21.50	22.25	26.57	21.70	22.34	26.72
		1	243	27.20	28.18	27.08	27.50	28.03	27.49	26.70	27.41	26.43	26.80	27.26	26.71
		1	244	23.51	24.47	23.52	23.77	24.51	23.91	23.03	23.83	23.00	23.14	23.82	23.06
		120	60	24.01	28.70	27.70	24.21	28.70	28.00	23.45	28.00	27.20	23.76	28.00	27.30
		243	0	24.11	27.92	27.12	24.45	27.96	27.35	23.66	27.33	26.61	23.61	27.28	26.50
	QPSK	1	0	21.46	22.70	23.45	21.71	22.49	23.86	21.02	21.98	23.20	21.28	21.92	23.20
		1	1	21.40	22.69	27.17	21.77	22.66	27.43	20.93	21.96	26.52	21.29	21.85	26.75
		1	243	27.14	28.09	27.11	27.23	28.06	27.34	26.44	27.22	26.68	26.62	27.47	26.61
		1	244	23.58	24.52	23.56	23.94	24.54	23.80	23.04	23.76	22.92	23.10	23.75	23.08
		120	60	23.11	28.67	27.40	23.34	28.46	27.85	22.70	27.96	27.04	22.60	27.92	27.25
		243	0	22.94	27.57	26.66	23.38	27.63	26.87	22.57	26.87	26.02	22.54	26.79	26.06
	16QAM	1	0	21.70	22.58	23.60	21.73	22.67	23.77	21.18	21.93	23.07	21.27	21.86	23.16
		1	1	21.46	22.60	26.18	21.86	22.56	26.37	20.96	21.77	25.50	21.24	21.88	25.65
		1	243	25.96	27.17	26.03	26.49	27.09	26.23	25.58	26.26	25.69	25.67	26.26	25.64
		1	244	23.55	24.67	23.52	23.83	24.63	23.90	22.98	23.73	23.01	23.16	23.70	23.13
		120	60	22.56	27.45	26.43	22.83	27.53	26.80	21.92	26.98	26.03	22.07	27.00	26.07
		243	0	22.64	26.70	25.46	22.97	26.59	25.86	22.09	25.85	25.06	22.28	25.72	25.09
	64QAM	1	0	21.02	22.11	23.40	21.41	21.93	23.70	20.45	21.20	23.10	20.79	21.33	23.20
		1	1	21.14	21.92	24.63	21.43	22.10	24.76	20.60	21.40	24.18	20.64	21.31	24.13
		1	243	24.44	25.55	24.65	24.92	25.56	24.87	24.14	24.98	24.15	24.29	24.82	24.07
		1	244	23.54	24.52	23.67	23.74	24.70	23.93	22.99	23.90	23.04	23.12	23.88	23.24
		120	60	22.41	25.97	24.92	22.80	25.95	25.33	21.91	25.21	24.58	22.23	25.46	24.59
		243	0	22.60	25.98	25.18	22.88	25.97	25.42	22.09	25.44	24.46	22.25	25.44	24.77
	256QAM	1	0	19.48	20.56	22.49	19.93	20.51	22.74	18.91	19.77	21.92	19.29	19.88	22.01
		1	1	19.66	20.56	22.43	19.92	20.59	23.00	18.97	19.89	22.00	19.23	19.81	22.24
		1	243	22.45	23.46	22.40	22.73	23.64	22.84	22.02	22.70	22.03	22.06	22.76	22.13
		1	244	22.51	23.55	22.45	22.90	23.48	22.88	21.95	22.79	22.19	22.28	22.77	22.21
		120	60	21.10	24.07	22.95	21.40	23.95	23.43	20.48	23.25	22.55	20.51	23.44	22.68
		243	0	21.11	24.16	23.09	21.40	24.06	23.40	20.47	23.32	22.50	20.75	23.48	22.59

OUTPUT POWER FOR 5G NR n41 (100.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				509200	528600	528000	509200	528600	528000	509200	528600	528000	509200	528600	528000
100.0	BPSK	1	0	2546.0	2593.0	2640.0	2546.0	2593.0	2640.0	2546.0	2593.0	2640.0	2546.0	2593.0	2640.0
		1	1	21.97	23.13	23.69	22.22	23.13	23.98	21.43	22.50	22.98	21.65	22.41	23.06
		1	1	21.98	22.90	27.14	22.25	23.05	27.37	21.53	22.29	26.51	21.50	22.31	26.69
		1	271	27.20	28.04	27.01	27.50	28.13	27.36	26.70	27.20	26.40	26.80	27.21	26.60
		1	272	23.43	24.62	23.47	23.73	24.63	23.75	23.08	23.97	23.03	23.20	23.83	23.16
		135	67	24.15	28.70	27.70	24.29	28.70	28.00	23.41	28.00	27.20	23.53	28.00	27.30
	QPSK	270	0	24.06	28.08	26.92	24.31	28.03	27.35	23.47	27.49	26.60	23.51	27.44	26.60
		1	0	21.52	22.68	23.50	21.74	22.53	23.70	20.93	21.83	23.01	21.21	21.94	23.10
		1	1	21.40	22.56	27.07	21.80	22.50	27.24	21.20	21.78	26.59	21.28	21.96	26.57
		1	271	26.99	27.92	26.97	27.29	28.18	27.46	26.47	27.49	26.56	26.61	27.23	26.78
		1	272	23.58	24.67	23.70	23.86	24.69	23.94	23.08	23.72	23.01	23.04	23.76	23.03
		135	67	23.09	28.48	27.68	23.21	28.62	27.88	22.54	27.93	27.09	22.62	27.92	27.16
	16QAM	270	0	22.99	27.41	26.58	23.27	27.65	26.80	22.62	26.74	26.02	22.64	26.72	26.11
		1	0	21.42	22.65	23.44	21.71	22.40	23.79	21.16	21.90	23.02	21.15	21.97	23.28
		1	1	21.48	22.68	26.15	21.88	22.64	26.32	21.03	21.84	25.41	21.02	21.97	25.65
		1	271	26.13	26.92	26.00	26.46	27.02	26.33	25.58	26.27	25.64	25.66	26.21	25.58
		1	272	23.62	24.57	23.57	23.97	24.56	23.75	23.14	23.72	22.95	23.10	23.92	23.05
		135	67	22.46	27.66	26.49	22.97	27.47	26.72	21.95	26.97	26.07	22.02	27.00	26.03
	64QAM	270	0	22.54	26.56	25.57	22.75	26.69	25.73	22.14	25.85	25.16	22.14	25.84	25.05
		1	0	21.00	22.18	23.44	21.27	22.20	23.85	20.70	21.32	22.98	20.59	21.47	23.17
		1	1	21.14	22.19	24.49	21.29	21.97	24.97	20.47	21.24	24.20	20.73	21.43	24.14
		1	271	24.44	25.41	24.47	24.88	25.70	24.71	23.96	24.70	23.94	24.19	24.95	24.00
		1	272	23.40	24.61	23.56	23.96	24.68	23.71	23.14	23.98	23.05	23.08	23.84	23.13
		135	67	22.52	26.07	25.04	22.70	25.91	25.30	21.92	25.25	24.67	22.23	25.45	24.70
	256QAM	270	0	22.43	26.02	25.01	23.00	26.17	25.48	22.09	25.21	24.63	22.01	25.42	24.69
		1	0	19.55	20.60	22.49	19.98	20.49	22.96	18.95	19.93	21.97	19.05	19.76	22.07
		1	1	19.46	20.49	22.53	19.89	20.65	22.89	18.93	19.75	22.14	19.03	19.74	22.29
		1	271	22.65	23.40	22.40	22.74	23.53	22.88	21.94	22.79	21.99	22.11	22.86	22.14
		1	272	22.70	23.40	22.41	22.70	23.53	22.76	22.13	22.93	22.09	22.22	22.90	22.26
		135	67	21.02	24.08	23.20	21.29	24.04	23.29	20.49	23.28	22.52	20.55	23.45	22.70
		270	0	21.17	23.96	23.16	21.32	24.14	23.48	20.53	23.45	22.58	20.62	23.29	22.63

8.11. LTE BAND 66 AND 5G NR n66

5G NR n66 LTE BAND 66

Test Engineer ID:	32061	Test Date:	2024-08-06
-------------------	-------	------------	------------

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	24.90	25.20	25.01	25.08	24.95	25.20	24.51	24.44	24.62	23.68	23.68	23.67
		1	2	24.92	24.96	24.94	24.95	25.16	25.01	24.49	24.55	24.56	23.53	23.56	23.57
		1	5	25.04	25.01	25.15	25.07	25.16	24.92	24.40	24.55	24.66	23.62	23.70	23.45
		2	0	25.65	25.65	25.59	25.58	25.65	25.70	25.16	25.16	25.14	24.13	24.06	24.18
		2	4	25.59	25.56	25.64	25.56	25.63	25.62	25.10	25.11	25.11	24.13	24.15	24.13
		3	0	25.65	25.60	25.69	25.56	25.57	25.65	25.06	25.05	25.14	24.08	24.18	24.14
		3	1	25.70	25.68	25.70	25.68	25.56	25.56	25.16	25.12	25.17	24.14	24.17	24.17
		3	2	25.60	25.66	25.60	25.55	25.57	25.63	25.12	25.09	25.08	24.15	24.17	24.20
		6	0	24.69	24.66	24.55	24.64	24.55	24.61	24.10	24.06	24.05	23.06	23.17	23.07
	16QAM	1	0	24.16	24.13	24.11	24.15	24.07	24.16	23.68	23.56	23.70	22.60	22.68	22.69
		1	2	24.14	24.16	24.08	24.16	24.17	24.17	23.61	23.60	23.68	22.63	22.57	22.61
		1	5	24.11	24.20	24.17	24.11	24.12	24.19	23.62	23.58	23.57	22.55	22.61	22.62
		2	0	24.57	24.58	24.68	24.60	24.52	24.65	24.14	24.05	24.07	23.05	23.20	23.14
		2	4	24.57	24.60	24.66	24.59	24.59	24.68	24.08	24.11	24.08	23.19	23.05	23.19
		3	0	24.66	24.69	24.61	24.60	24.55	24.68	24.05	24.14	24.20	23.09	23.10	23.15
		3	1	24.57	24.59	24.55	24.55	24.65	24.55	24.17	24.07	24.08	23.19	23.14	23.05
		3	2	24.59	24.67	24.69	24.59	24.68	24.56	24.13	24.11	24.10	23.16	23.18	23.19
		6	0	23.60	23.63	23.65	23.68	23.58	23.69	23.11	23.18	23.06	22.06	22.20	22.16
	64QAM	1	0	23.07	23.11	23.16	23.06	23.17	23.07	22.69	22.60	22.57	21.56	21.61	21.65
		1	2	23.14	23.08	23.19	23.13	23.06	23.20	22.70	22.55	22.56	21.56	21.67	21.68
		1	5	23.05	23.18	23.12	23.05	23.13	23.18	22.63	22.67	22.67	21.63	21.64	21.57
		2	0	23.56	23.65	23.55	23.63	23.68	23.68	23.10	23.15	23.14	22.18	22.07	22.20
		2	4	23.58	23.68	23.69	23.55	23.61	23.59	23.12	23.13	23.09	22.09	22.12	22.06
		3	0	23.63	23.64	23.60	23.67	23.61	23.64	23.20	23.15	23.14	22.14	22.11	22.18
		3	1	23.65	23.67	23.62	23.69	23.56	23.58	23.11	23.18	23.15	22.15	22.18	22.13
		3	2	23.56	23.68	23.69	23.57	23.63	23.61	23.15	23.11	23.12	22.15	22.12	22.10
		6	0	22.66	22.57	22.55	22.57	22.68	22.69	22.20	22.12	22.09	21.14	21.10	21.20
	256QAM	1	0	20.18	20.14	20.19	20.08	20.06	20.10	19.70	19.60	19.62	18.69	18.67	18.67
		1	2	20.18	20.09	20.09	20.08	20.20	20.09	19.67	19.55	19.68	18.63	18.63	18.65
		1	5	20.17	20.20	20.18	20.17	20.20	20.13	19.60	19.69	19.61	18.67	18.62	18.66
		2	0	20.62	20.68	20.56	20.55	20.67	20.69	20.12	20.15	20.16	19.05	19.09	19.12
		2	4	20.57	20.65	20.68	20.63	20.58	20.55	20.15	20.08	20.14	19.20	19.13	19.05
		3	0	20.69	20.59	20.58	20.67	20.65	20.70	20.17	20.05	20.18	19.12	19.12	19.19
		3	1	20.55	20.67	20.56	20.67	20.69	20.68	20.13	20.16	20.08	19.06	19.19	19.05
		3	2	20.69	20.65	20.68	20.59	20.63	20.67	20.20	20.16	20.10	19.17	19.05	19.14
		6	0	20.58	20.67	20.63	20.69	20.66	20.57	20.19	20.05	20.12	19.08	19.08	19.19

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	25.11	25.06	25.10	25.17	25.06	25.13	24.58	24.61	24.55	23.62	23.64	23.64
		1	7	25.11	25.09	25.19	25.08	25.20	25.09	24.67	24.65	24.61	23.61	23.68	23.66
		1	14	25.11	25.07	25.12	25.05	25.14	25.07	24.70	24.68	24.65	23.63	23.56	23.59
		2	0	25.64	25.60	25.56	25.62	25.64	25.69	25.10	25.20	25.15	24.20	24.15	24.17
		2	13	25.70	25.56	25.65	25.70	25.58	25.64	25.07	25.07	25.08	24.20	24.16	24.13
		8	0	24.64	24.59	24.70	24.60	24.70	24.59	24.10	24.08	24.06	23.08	23.16	23.17
		8	4	24.59	24.61	24.70	24.56	24.57	24.59	24.13	24.16	24.11	23.11	23.11	23.09
		8	7	24.64	24.66	24.68	24.58	24.69	24.56	24.14	24.09	24.19	23.15	23.14	23.12
		15	0	24.52	24.52	24.40	24.58	24.41	24.40	24.00	23.92	24.02	23.00	22.95	22.91
	16QAM	1	0	24.15	24.17	23.99	23.92	23.93	24.20	23.41	23.67	23.54	22.43	22.43	22.44
		1	7	24.18	24.03	24.19	24.12	23.91	24.06	23.64	23.63	23.56	22.52	22.55	22.64
		1	14	24.01	23.91	23.97	24.13	23.93	24.19	23.67	23.57	23.53	22.46	22.60	22.44
		2	0	24.64	24.61	24.56	24.65	24.69	24.56	24.05	24.13	24.08	23.14	23.10	23.08
		2	13	24.69	24.61	24.55	24.60	24.69	24.58	24.08	24.11	24.12	23.10	23.10	23.08
		8	0	23.67	23.56	23.66	23.67	23.58	23.66	23.08	23.06	23.14	22.08	22.18	22.13
		8	4	23.60	23.67	23.62	23.65	23.64	23.61	23.06	23.13	23.05	22.12	22.06	22.19
		8	7	23.68	23.63	23.70	23.66	23.66	23.59	23.20	23.20	23.20	22.20	22.20	22.20
		15	0	23.44	23.42	23.61	23.65	23.43	23.58	23.03	23.20	23.10	21.99	22.14	22.01
	64QAM	1	0	23.08	22.95	22.90	23.18	23.04	23.15	22.44	22.53	22.57	21.53	21.45	21.41
		1	7	23.07	23.06	23.20	23.20	23.07	23.13	22.53	22.69	22.47	21.53	21.41	21.51
		1	14	23.20	23.01	22.97	22.90	23.06	23.09	22.50	22.61	22.60	21.49	21.61	21.66
		2	0	23.64	23.69	23.57	23.69	23.59	23.58	23.08	23.15	23.14	22.11	22.16	22.07
		2	13	23.69	23.65	23.67	23.60	23.58	23.57	23.09	23.09	23.17	22.13	22.13	22.08
		8	0	22.69	22.55	22.65	22.55	22.58	22.56	22.12	22.15	22.17	21.11	21.05	21.13
		8	4	22.68	22.66	22.65	22.55	22.55	22.60	22.06	22.12	22.11	21.19	21.08	21.05
		8	7	22.61	22.67	22.57	22.70	22.67	22.58	22.20	22.20	22.20	21.20	21.20	21.20
		15	0	22.53	22.55	22.61	22.45	22.44	22.59	21.92	22.19	21.92	21.17	21.15	20.98
	256QAM	1	0	20.18	20.02	20.08	19.99	19.93	20.07	19.62	19.67	19.66	18.64	18.48	18.60
		1	7	19.95	19.99	19.98	20.04	19.95	19.99	19.61	19.49	19.66	18.65	18.70	18.65
		1	14	20.19	20.16	20.03	20.10	20.08	19.98	19.70	19.55	19.54	18.43	18.64	18.54
		2	0	20.60	20.63	20.66	20.68	20.57	20.66	20.12	20.08	20.19	19.18	19.12	19.18
		2	13	20.64	20.68	20.56	20.69	20.69	20.55	20.07	20.18	20.20	19.18	19.09	19.20
		8	0	20.69	20.60	20.68	20.67	20.60	20.69	20.05	20.12	20.18	19.06	19.15	19.18
		8	4	20.66	20.68	20.66	20.64	20.64	20.68	20.11	20.13	20.14	19.06	19.09	19.18
		8	7	20.56	20.66	20.55	20.58	20.64	20.65	20.20	20.20	20.20	19.20	19.20	19.20
		15	0	20.57	20.69	20.56	20.62	20.61	20.47	19.93	19.97	20.08	19.06	19.06	18.90

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	25.11	25.14	25.15	25.19	25.18	25.09	24.59	24.66	24.58	23.68	23.61	23.59
		1	12	25.06	25.07	25.10	25.19	25.16	25.20	24.59	24.59	24.64	23.69	23.69	23.65
		1	24	25.08	25.08	25.07	25.12	25.11	25.15	24.55	24.61	24.68	23.57	23.55	23.69
		2	0	25.70	25.61	25.57	25.66	25.56	25.62	25.10	25.06	25.20	24.18	24.15	24.09
		2	23	25.55	25.68	25.66	25.70	25.56	25.62	25.16	25.08	25.20	24.20	24.09	24.12
		12	0	24.55	24.58	24.65	24.68	24.69	24.56	24.10	24.10	24.07	23.06	23.06	23.11
		12	6	24.65	24.55	24.55	24.68	24.61	24.67	24.11	24.17	24.13	23.15	23.12	23.11
		12	11	24.69	24.57	24.57	24.62	24.59	24.57	24.08	24.08	24.19	23.15	23.15	23.19
		25	0	24.67	24.40	24.61	24.48	24.62	24.44	24.08	24.20	24.05	23.18	23.08	22.91
	16QAM	1	0	24.05	24.17	24.04	23.99	24.02	24.07	23.57	23.52	23.48	22.56	22.52	22.40
		1	12	23.91	23.97	24.09	23.93	24.20	23.99	23.63	23.51	23.40	22.56	22.45	22.60
		1	24	24.15	24.18	24.19	24.11	24.10	24.17	23.60	23.42	23.63	22.65	22.67	22.61
		2	0	24.57	24.60	24.66	24.63	24.60	24.67	24.05	24.19	24.20	23.11	23.10	23.08
		2	23	24.61	24.70	24.64	24.61	24.70	24.62	24.19	24.16	24.17	23.12	23.17	23.05
		12	0	23.59	23.56	23.60	23.58	23.67	23.68	23.07	23.19	23.12	22.19	22.20	22.15
		12	6	23.58	23.65	23.55	23.58	23.69	23.64	23.09	23.19	23.07	22.11	22.09	22.09
		12	11	23.55	23.58	23.59	23.59	23.59	23.66	23.20	23.20	23.20	22.20	22.20	22.20
		25	0	23.66	23.54	23.48	23.67	23.43	23.64	22.97	22.99	23.07	22.00	21.99	22.15
	64QAM	1	0	23.14	22.90	22.92	23.12	23.07	23.08	22.49	22.67	22.59	21.63	21.49	21.54
		1	12	22.91	22.92	22.96	23.15	23.10	22.90	22.55	22.69	22.61	21.47	21.44	21.63
		1	24	23.12	22.98	22.95	23.02	23.01	23.08	22.45	22.51	22.40	21.57	21.66	21.63
		2	0	23.59	23.66	23.58	23.61	23.59	23.68	23.07	23.07	23.16	22.11	22.07	22.17
		2	23	23.62	23.57	23.68	23.59	23.56	23.55	23.11	23.13	23.13	22.16	22.19	22.09
		12	0	22.66	22.58	22.63	22.65	22.70	22.68	22.15	22.17	22.06	21.06	21.20	21.10
		12	6	22.65	22.55	22.57	22.56	22.56	22.69	22.09	22.05	22.15	21.09	21.09	21.15
		12	11	22.68	22.65	22.70	22.65	22.56	22.68	22.20	22.20	22.20	21.20	21.20	21.20
		25	0	22.53	22.53	22.66	22.41	22.42	22.42	22.03	21.99	21.93	21.01	20.98	21.19
	256QAM	1	0	19.99	19.90	20.17	19.91	19.93	20.03	19.49	19.59	19.41	18.68	18.51	18.56
		1	12	19.95	20.04	19.97	19.91	20.01	20.12	19.59	19.51	19.48	18.65	18.60	18.69
		1	24	20.00	20.14	20.13	20.19	20.18	20.14	19.54	19.44	19.45	18.52	18.59	18.60
		2	0	20.69	20.62	20.56	20.57	20.65	20.66	20.12	20.10	20.12	19.13	19.18	19.16
		2	23	20.62	20.60	20.60	20.65	20.55	20.55	20.11	20.20	20.12	19.13	19.11	19.11
		12	0	20.60	20.60	20.70	20.66	20.67	20.69	20.09	20.16	20.11	19.07	19.13	19.19
		12	6	20.60	20.67	20.57	20.67	20.60	20.64	20.14	20.08	20.15	19.12	19.07	19.12
		12	11	20.58	20.61	20.58	20.63	20.60	20.68	20.07	20.20	20.19	19.11	19.13	19.08
		25	0	20.62	20.58	20.63	20.55	20.60	20.57	20.07	20.17	20.06	19.06	19.05	19.16

OUTPUT POWER FOR LTE BAND 66 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				132022	132322	132622	132022	132322	132622	132022	132322	132622	132022	132322	132622
				1715.0	1745.0	1775.0	1715.0	1745.0	1775.0	1715.0	1745.0	1775.0	1715.0	1745.0	1775.0
10.0	QPSK	1	0	25.15	25.17	25.05	25.09	25.19	25.05	24.63	24.57	24.64	23.56	23.59	23.59
		1	24	25.16	25.18	25.15	25.11	25.20	25.17	24.60	24.57	24.61	23.67	23.66	23.58
		1	49	25.17	25.07	25.09	25.06	25.13	25.05	24.60	24.60	24.66	23.62	23.67	23.70
		2	0	25.65	25.61	25.70	25.67	25.55	25.70	25.14	25.20	25.09	24.16	24.12	24.13
		2	48	25.63	25.61	25.66	25.57	25.55	25.64	25.14	25.15	25.14	24.07	24.17	24.20
		25	0	24.56	24.62	24.67	24.68	24.56	24.62	24.06	24.05	24.15	23.11	23.07	23.20
		25	12	24.58	24.56	24.58	24.70	24.63	24.70	24.15	24.07	24.12	23.19	23.10	23.15
		25	24	24.61	24.56	24.64	24.61	24.61	24.57	24.14	24.07	24.14	23.09	23.20	23.11
		50	0	24.56	24.44	24.63	24.60	24.48	24.49	24.19	24.20	24.03	23.08	23.03	23.12
	16QAM	1	0	23.93	23.98	23.95	24.18	24.00	24.17	23.68	23.43	23.67	22.44	22.53	22.57
		1	24	24.08	23.97	24.19	23.94	24.18	24.08	23.58	23.56	23.60	22.43	22.46	22.50
		1	49	24.14	24.19	24.09	24.17	24.03	24.10	23.44	23.54	23.60	22.46	22.67	22.53
		2	0	24.67	24.64	24.55	24.66	24.57	24.64	24.15	24.15	24.17	23.09	23.15	23.07
		2	48	24.64	24.58	24.66	24.61	24.62	24.65	24.10	24.12	24.19	23.13	23.08	23.10
		25	0	23.56	23.61	23.68	23.67	23.66	23.59	23.20	23.18	23.06	22.17	22.17	22.06
		25	12	23.64	23.61	23.55	23.60	23.57	23.57	23.15	23.14	23.12	22.09	22.14	22.05
		25	24	23.66	23.66	23.61	23.59	23.56	23.64	23.20	23.20	23.20	22.20	22.20	22.20
		50	0	23.51	23.64	23.67	23.70	23.56	23.69	23.15	22.96	23.10	21.92	21.98	22.14
	64QAM	1	0	22.91	22.96	23.14	23.14	23.19	23.08	22.44	22.54	22.58	21.43	21.45	21.62
		1	24	23.11	22.97	23.17	23.13	22.99	22.90	22.47	22.59	22.43	21.51	21.40	21.60
		1	49	23.09	23.09	23.20	22.91	23.06	23.07	22.63	22.46	22.42	21.60	21.42	21.67
		2	0	23.65	23.55	23.64	23.56	23.62	23.62	23.18	23.14	23.14	22.06	22.15	22.13
		2	48	23.70	23.58	23.57	23.56	23.67	23.65	23.06	23.12	23.19	22.09	22.11	22.13
		25	0	22.65	22.65	22.62	22.60	22.67	22.63	22.16	22.12	22.07	21.10	21.09	21.12
		25	12	22.58	22.70	22.55	22.55	22.69	22.64	22.07	22.13	22.12	21.10	21.15	21.19
		25	24	22.62	22.69	22.66	22.70	22.63	22.65	22.20	22.20	22.20	21.20	21.20	21.20
		50	0	22.55	22.42	22.48	22.62	22.65	22.66	22.08	22.15	22.00	21.06	21.17	21.02
	256QAM	1	0	20.13	20.12	20.12	20.00	19.94	20.07	19.47	19.41	19.58	18.67	18.51	18.67
		1	24	20.03	20.04	19.95	20.04	19.97	20.15	19.61	19.65	19.46	18.48	18.42	18.42
		1	49	20.14	20.00	20.16	20.05	20.15	19.95	19.41	19.50	19.52	18.60	18.40	18.41
		2	0	20.61	20.67	20.65	20.55	20.57	20.67	20.13	20.20	20.08	19.11	19.09	19.20
		2	48	20.59	20.59	20.68	20.55	20.67	20.56	20.17	20.05	20.15	19.18	19.15	19.15
		25	0	20.69	20.56	20.69	20.70	20.61	20.64	20.08	20.10	20.18	19.08	19.07	19.20
		25	12	20.68	20.67	20.60	20.67	20.65	20.60	20.14	20.16	20.12	19.20	19.17	19.05
		25	24	20.58	20.68	20.66	20.58	20.69	20.66	20.18	20.18	20.08	19.17	19.13	19.18
		50	0	20.55	20.64	20.59	20.68	20.67	20.61	20.07	20.19	20.07	19.18	19.05	19.14

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	25.17	25.20	25.08	25.07	25.15	25.14	24.56	24.67	24.61	23.65	23.69	23.63
		1	37	25.07	25.09	25.18	25.05	25.19	25.05	24.55	24.57	24.60	23.64	23.60	23.62
		1	74	25.16	25.12	25.11	25.15	25.13	25.15	24.62	24.65	24.67	23.57	23.66	23.57
		2	0	25.70	25.66	25.65	25.68	25.65	25.67	25.11	25.10	25.20	24.08	24.20	24.13
		2	73	25.63	25.60	25.67	25.65	25.69	25.70	25.09	25.10	25.08	24.08	24.12	24.11
		36	0	24.56	24.57	24.69	24.66	24.65	24.63	24.06	24.14	24.12	23.05	23.12	23.15
		36	16	24.63	24.65	24.68	24.64	24.63	24.61	24.09	24.06	24.06	23.13	23.14	23.18
		36	35	24.69	24.57	24.56	24.65	24.57	24.64	24.18	24.14	24.14	23.08	23.16	23.09
		75	0	24.51	24.67	24.66	24.59	24.55	24.68	23.95	24.16	24.16	23.14	22.96	23.00
	16QAM	1	0	23.94	23.97	23.92	24.04	24.14	24.20	23.49	23.54	23.47	22.65	22.44	22.64
		1	37	24.04	24.08	24.01	23.92	24.00	23.97	23.64	23.48	23.45	22.52	22.57	22.50
		1	74	24.18	23.91	24.09	24.08	24.00	23.94	23.41	23.67	23.52	22.58	22.56	22.68
		2	0	24.62	24.65	24.56	24.58	24.66	24.68	24.11	24.08	24.06	23.07	23.19	23.08
		2	73	24.56	24.61	24.56	24.56	24.65	24.59	24.19	24.14	24.17	23.10	23.15	23.17
		36	0	23.65	23.65	23.61	23.68	23.69	23.67	23.17	23.12	23.16	22.10	22.13	22.20
		36	16	23.62	23.68	23.68	23.55	23.62	23.64	23.07	23.09	23.13	22.16	22.20	22.17
		36	35	23.55	23.59	23.57	23.70	23.58	23.63	23.20	23.20	23.20	22.20	22.20	22.20
		75	0	23.40	23.48	23.67	23.46	23.64	23.60	22.97	22.94	22.99	22.03	22.13	21.93
	64QAM	1	0	22.96	23.16	23.17	22.96	22.97	22.96	22.48	22.59	22.52	21.46	21.70	21.64
		1	37	23.20	22.95	22.97	22.91	22.90	23.11	22.68	22.49	22.53	21.46	21.55	21.59
		1	74	22.91	23.19	22.96	23.05	22.91	23.00	22.45	22.67	22.65	21.44	21.48	21.59
		2	0	23.58	23.62	23.70	23.65	23.59	23.55	23.06	23.11	23.15	22.05	22.09	22.13
		2	73	23.60	23.61	23.60	23.61	23.55	23.64	23.09	23.14	23.19	22.11	22.20	22.11
		36	0	22.56	22.58	22.65	22.56	22.56	22.64	22.17	22.09	22.05	21.16	21.20	21.18
		36	16	22.69	22.69	22.61	22.68	22.64	22.65	22.08	22.12	22.17	21.09	21.09	21.20
		36	35	22.58	22.68	22.56	22.58	22.68	22.70	22.20	22.20	22.20	21.20	21.20	21.20
		75	0	22.67	22.61	22.58	22.40	22.60	22.54	22.13	21.95	21.98	21.14	20.93	21.09
	256QAM	1	0	19.91	20.19	19.97	20.11	20.06	20.01	19.61	19.68	19.58	18.57	18.51	18.57
		1	37	20.12	19.92	20.16	19.93	19.90	20.16	19.56	19.40	19.64	18.60	18.61	18.50
		1	74	19.98	19.94	20.20	19.97	20.00	20.18	19.47	19.43	19.46	18.67	18.42	18.66
		2	0	20.58	20.60	20.68	20.56	20.70	20.60	20.15	20.11	20.18	19.10	19.20	19.07
		2	73	20.70	20.68	20.66	20.63	20.62	20.66	20.16	20.10	20.16	19.09	19.14	19.15
		36	0	20.63	20.70	20.66	20.58	20.69	20.70	20.07	20.17	20.05	19.19	19.20	19.20
		36	16	20.64	20.70	20.64	20.63	20.55	20.63	20.09	20.20	20.11	19.15	19.09	19.18
		36	35	20.64	20.61	20.55	20.63	20.67	20.61	20.10	20.07	20.18	19.20	19.16	19.12
		75	0	20.62	20.69	20.69	20.67	20.61	20.60	20.12	20.19	20.07	19.10	19.13	19.12

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 1720.0	132322 1745.0	132572 1770.0	132072 1720.0	132322 1745.0	132572 1770.0	132072 1720.0	132322 1745.0	132572 1770.0	132072 1720.0	132322 1745.0	132572 1770.0
20.0	QPSK	1	0	25.13	25.20	25.14	25.20	25.13	25.12	24.61	24.65	24.69	23.61	23.58	23.56
		1	49	25.11	25.08	25.19	25.17	25.17	25.14	24.67	24.66	24.63	23.58	23.57	23.58
		1	99	25.08	25.17	25.05	25.14	25.09	25.14	24.57	24.59	24.59	23.66	23.55	23.61
		2	0	25.65	25.70	25.59	25.55	25.58	25.56	25.06	25.20	25.16	24.06	24.07	24.06
		2	98	25.60	25.55	25.56	25.59	25.68	25.70	25.16	25.08	25.14	24.06	24.20	24.07
		50	0	24.65	24.68	24.64	24.70	24.62	24.61	24.17	24.16	24.08	23.06	23.05	23.05
		50	24	24.64	24.64	24.64	24.64	24.69	24.55	24.20	24.13	24.16	23.08	23.07	23.17
		50	49	24.69	24.60	24.57	24.70	24.58	24.62	24.13	24.11	24.18	23.05	23.11	23.16
		100	0	24.69	24.64	24.58	24.60	24.63	24.64	24.19	23.96	23.93	22.91	22.90	23.09
	16QAM	1	0	24.10	23.93	23.98	24.04	24.10	24.15	23.65	23.40	23.63	22.54	22.65	22.59
		1	49	24.04	23.91	23.94	24.09	23.96	23.95	23.63	23.49	23.58	22.67	22.49	22.66
		1	99	24.13	24.15	23.91	23.93	23.93	23.95	23.44	23.67	23.62	22.69	22.54	22.55
		2	0	24.56	24.63	24.67	24.55	24.55	24.63	24.17	24.08	24.15	23.05	23.11	23.07
		2	98	24.67	24.69	24.65	24.65	24.65	24.65	24.16	24.07	24.05	23.11	23.09	23.13
		50	0	23.70	23.67	23.66	23.70	23.61	23.59	23.07	23.16	23.19	22.10	22.17	22.16
		50	24	23.61	23.70	23.70	23.65	23.68	23.57	23.07	23.10	23.14	22.12	22.07	22.20
		50	49	23.62	23.66	23.64	23.55	23.68	23.64	23.20	23.20	23.20	22.20	22.20	22.20
		100	0	23.55	23.61	23.64	23.63	23.41	23.44	23.05	22.91	22.97	22.09	21.93	22.05
	64QAM	1	0	23.09	23.20	22.99	23.16	22.99	23.16	22.42	22.60	22.64	21.45	21.65	21.62
		1	49	23.19	22.93	23.03	23.16	23.16	23.00	22.67	22.58	22.43	21.56	21.43	21.61
		1	99	22.98	23.20	23.09	23.06	23.13	23.14	22.53	22.70	22.66	21.43	21.60	21.59
		2	0	23.56	23.60	23.61	23.58	23.58	23.59	23.12	23.08	23.08	22.15	22.13	22.11
		2	98	23.55	23.66	23.67	23.55	23.55	23.67	23.17	23.12	23.10	22.12	22.07	22.09
		50	0	22.66	22.62	22.64	22.70	22.67	22.58	22.05	22.14	22.20	21.05	21.05	21.10
		50	24	22.63	22.55	22.70	22.69	22.69	22.65	22.13	22.07	22.16	21.05	21.14	21.11
		50	49	22.67	22.55	22.55	22.60	22.63	22.67	22.20	22.20	22.20	21.20	21.20	21.20
		100	0	22.65	22.60	22.61	22.52	22.59	22.43	22.04	22.16	22.16	21.01	20.99	20.97
	256QAM	1	0	19.94	20.14	20.13	20.09	20.09	20.14	19.52	19.42	19.60	18.58	18.46	18.67
		1	49	20.12	19.90	19.94	20.14	20.02	20.18	19.68	19.65	19.45	18.56	18.65	18.46
		1	99	20.02	20.03	20.02	20.16	20.07	20.11	19.43	19.49	19.52	18.59	18.42	18.42
		2	0	20.69	20.70	20.68	20.70	20.69	20.67	20.16	20.11	20.06	19.13	19.05	19.19
		2	98	20.60	20.69	20.63	20.62	20.55	20.61	20.20	20.15	20.15	19.17	19.05	19.11
		50	0	20.59	20.57	20.70	20.60	20.63	20.69	20.12	20.20	20.08	19.14	19.18	19.15
		50	24	20.70	20.63	20.66	20.64	20.68	20.55	20.18	20.05	20.19	19.13	19.19	19.08
		50	49	20.57	20.65	20.68	20.63	20.57	20.61	20.15	20.17	20.07	19.05	19.08	19.19
		100	0	20.56	20.55	20.68	20.59	20.61	20.66	20.15	20.17	20.10	19.17	19.15	19.19

5G NR n66

Test Engineer ID:	106034	Test Date:	2024-08-16
-------------------	--------	------------	------------

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
5.0	BPSK	1	0	24.61	24.53	24.53	24.61	24.68	24.61	24.17	23.92	24.17	22.91	22.98	23.18
		1	1	24.98	24.91	25.04	24.97	24.92	25.19	24.67	24.68	24.45	23.51	23.69	23.69
		1	23	24.91	24.95	25.11	25.05	25.13	24.97	24.59	24.56	24.59	23.62	23.55	23.41
		1	24	24.69	24.55	24.65	24.44	24.44	24.68	23.94	24.20	24.03	23.12	22.90	22.95
		12	6	25.70	25.70	25.70	25.70	25.70	25.70	25.20	25.20	25.20	24.20	24.20	24.20
		25	0	25.06	24.93	25.11	25.14	25.13	25.20	24.70	24.70	24.65	23.65	23.48	23.53
	QPSK	1	0	23.97	23.93	24.14	24.09	24.13	23.94	23.62	23.40	23.54	22.66	22.44	22.67
		1	1	25.09	24.90	24.94	25.08	24.96	24.94	24.61	24.62	24.50	23.70	23.47	23.49
		1	23	25.06	24.90	25.01	25.12	25.04	25.10	24.62	24.48	24.66	23.55	23.63	23.67
		1	24	23.94	23.92	24.16	24.02	24.15	23.92	23.56	23.54	23.60	22.53	22.64	22.50
		12	6	25.63	25.54	25.50	25.50	25.69	25.42	25.15	24.95	25.01	24.04	23.99	24.14
		25	0	24.42	24.64	24.41	24.46	24.44	24.48	24.04	24.00	24.06	23.20	23.04	23.08
	16QAM	1	0	23.09	23.02	23.04	22.96	23.01	23.19	22.47	22.55	22.53	21.41	21.59	21.69
		1	1	24.05	23.92	23.94	24.15	24.06	24.00	23.70	23.47	23.61	22.69	22.54	22.69
		1	23	23.96	23.98	24.17	24.06	24.11	24.10	23.55	23.56	23.54	22.48	22.46	22.70
		1	24	22.93	23.07	23.17	22.98	23.00	23.05	22.64	22.40	22.42	21.44	21.54	21.45
		12	6	24.55	24.40	24.63	24.65	24.52	24.51	24.00	24.12	24.18	23.10	23.13	23.08
		25	0	23.70	23.56	23.47	23.61	23.65	23.69	23.20	23.07	23.06	21.98	22.10	22.11
	64QAM	1	0	22.53	22.45	22.61	22.65	22.61	22.63	21.95	22.07	21.92	20.91	21.16	21.09
		1	1	22.44	22.48	22.61	22.46	22.68	22.49	21.92	21.93	21.92	21.09	21.04	21.06
		1	23	22.53	22.54	22.59	22.69	22.51	22.40	22.06	21.99	22.13	20.98	20.97	21.12
		1	24	22.40	22.43	22.60	22.69	22.58	22.70	22.16	21.97	22.11	21.03	21.00	21.14
		12	6	23.14	23.20	23.11	23.18	23.14	23.18	22.64	22.70	22.67	21.65	21.70	21.64
		25	0	23.03	22.92	23.18	23.05	23.03	22.92	22.53	22.53	22.58	21.62	21.64	21.57
	256QAM	1	0	20.61	20.48	20.56	20.56	20.44	20.45	19.98	20.09	20.09	18.97	19.05	19.08
		1	1	20.43	20.69	20.42	20.50	20.57	20.59	20.02	20.17	19.97	18.96	19.00	19.19
		1	23	20.48	20.60	20.50	20.53	20.49	20.44	20.06	19.92	19.98	19.17	19.07	18.93
		1	24	20.52	20.61	20.54	20.63	20.43	20.57	20.06	20.17	19.97	19.02	18.94	19.13
		12	6	21.14	21.10	21.16	21.13	21.13	21.14	20.68	20.68	20.69	19.68	19.67	19.62
		25	0	20.92	21.04	21.04	21.20	21.09	20.93	20.64	20.50	20.46	19.65	19.60	19.61

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
10.0	BPSK	1	0	24.48	24.60	24.63	24.58	24.46	24.47	24.07	24.11	23.93	23.15	23.04	23.20
		1	1	24.96	25.16	25.04	25.09	24.96	25.11	24.67	24.49	24.43	23.61	23.58	23.51
		1	50	25.06	25.02	25.00	25.11	25.11	24.99	24.49	24.45	24.65	23.55	23.56	23.48
		1	51	24.52	24.45	24.52	24.61	24.44	24.47	23.98	23.94	23.97	23.14	23.14	23.15
		25	12	25.70	25.70	25.70	25.70	25.70	25.70	25.20	25.20	25.20	24.20	24.20	24.20
		50	0	25.04	25.20	25.16	25.18	24.97	25.05	24.42	24.66	24.67	23.62	23.68	23.49
	QPSK	1	0	24.11	24.04	24.18	24.05	24.15	23.97	23.55	23.61	23.69	22.58	22.40	22.41
		1	1	24.95	25.02	24.99	25.01	25.10	24.97	24.48	24.45	24.50	23.41	23.46	23.62
		1	50	24.96	24.93	24.93	24.99	25.18	24.93	24.58	24.47	24.57	23.60	23.47	23.68
		1	51	24.13	24.00	24.18	23.99	24.06	24.06	23.45	23.52	23.59	22.43	22.40	22.66
		25	12	25.62	25.41	25.47	25.54	25.41	25.47	25.00	25.10	25.18	24.05	24.16	23.95
		50	0	24.40	24.44	24.45	24.62	24.52	24.43	24.15	23.92	23.93	22.95	23.13	23.14
	16QAM	1	0	23.15	22.91	23.10	23.06	22.97	23.06	22.41	22.55	22.69	21.67	21.43	21.66
		1	1	23.93	24.04	24.02	23.96	23.92	24.14	23.57	23.60	23.63	22.63	22.61	22.65
		1	50	24.05	24.16	24.01	24.09	23.92	24.04	23.63	23.47	23.70	22.45	22.66	22.42
		1	51	22.99	23.15	23.11	23.04	23.04	23.02	22.57	22.43	22.42	21.50	21.48	21.63
		25	12	24.56	24.68	24.62	24.61	24.44	24.70	24.05	24.13	24.18	22.90	22.93	23.15
		50	0	23.70	23.51	23.58	23.62	23.49	23.56	23.09	23.06	23.08	22.18	22.07	22.04
	64QAM	1	0	22.60	22.52	22.58	22.44	22.65	22.51	22.06	21.90	22.00	21.16	21.01	20.99
		1	1	22.58	22.51	22.65	22.41	22.46	22.41	22.20	21.92	22.07	21.05	21.17	20.90
		1	50	22.60	22.51	22.58	22.61	22.55	22.61	22.15	22.03	22.07	20.95	21.10	21.14
		1	51	22.57	22.44	22.45	22.50	22.46	22.54	22.15	22.00	22.01	21.04	21.03	20.93
		25	12	23.18	23.17	23.16	23.16	23.12	23.13	22.68	22.60	22.63	21.65	21.64	21.60
		50	0	23.05	23.00	22.98	23.02	22.93	23.13	22.60	22.66	22.59	21.60	21.65	21.55
	256QAM	1	0	20.54	20.69	20.68	20.48	20.52	20.63	19.91	20.11	20.16	19.08	19.04	19.05
		1	1	20.62	20.68	20.45	20.57	20.44	20.67	19.93	19.98	20.17	19.18	19.08	18.95
		1	50	20.56	20.56	20.61	20.56	20.69	20.61	19.99	20.15	20.20	18.91	19.20	19.08
		1	51	20.49	20.62	20.58	20.61	20.54	20.47	19.91	20.13	19.90	19.03	19.00	18.98
		25	12	21.16	21.16	21.12	21.15	21.14	21.20	20.64	20.67	20.69	19.67	19.64	19.68
		50	0	20.99	21.01	21.18	20.90	21.05	21.09	20.58	20.42	20.53	19.68	19.40	19.67

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
15.0	BPSK	1	0	24.44	24.62	24.51	24.51	24.50	24.51	24.11	24.10	24.17	23.17	22.95	22.97
		1	1	25.17	24.90	25.07	25.15	25.08	25.02	24.59	24.56	24.56	23.54	23.46	23.63
		1	77	25.09	25.13	25.11	25.02	25.20	25.08	24.60	24.59	24.57	23.42	23.70	23.52
		1	78	24.69	24.53	24.61	24.53	24.57	24.63	24.01	24.17	24.12	23.17	22.97	23.10
		36	18	25.70	25.70	25.70	25.70	25.70	25.70	25.20	25.20	25.20	24.20	24.20	24.20
		75	0	25.19	25.20	25.08	24.98	24.98	25.09	24.50	24.53	24.65	23.45	23.59	23.62
	QPSK	1	0	24.16	24.10	24.02	23.93	24.06	24.06	23.69	23.56	23.67	22.55	22.42	22.66
		1	1	24.90	24.95	25.06	25.14	25.10	24.98	24.46	24.66	24.70	23.62	23.52	23.66
		1	77	25.14	24.96	24.90	25.10	25.02	25.20	24.70	24.68	24.67	23.43	23.51	23.49
		1	78	23.99	24.18	23.96	24.16	24.07	23.91	23.45	23.49	23.65	22.58	22.44	22.50
		36	18	25.45	25.62	25.59	25.53	25.50	25.57	24.98	24.95	24.98	24.15	24.19	23.97
		75	0	24.46	24.59	24.66	24.70	24.67	24.70	24.19	23.90	24.19	22.93	22.96	23.07
	16QAM	1	0	23.09	23.08	22.98	23.08	23.12	23.08	22.68	22.50	22.60	21.66	21.47	21.40
		1	1	24.00	24.19	24.00	24.03	23.95	23.96	23.50	23.67	23.48	22.46	22.69	22.55
		1	77	24.18	24.20	23.95	24.17	24.07	23.90	23.65	23.68	23.40	22.51	22.66	22.66
		1	78	22.93	23.03	23.06	22.91	22.98	23.15	22.50	22.46	22.41	21.54	21.49	21.64
		36	18	24.65	24.58	24.67	24.41	24.69	24.56	24.17	24.11	24.06	22.91	23.16	23.04
		75	0	23.47	23.52	23.59	23.50	23.70	23.46	22.90	23.11	23.18	22.12	22.09	22.11
	64QAM	1	0	22.47	22.65	22.66	22.52	22.61	22.41	22.20	22.02	21.91	20.91	20.93	21.06
		1	1	22.56	22.70	22.48	22.59	22.48	22.48	22.05	22.19	21.96	21.03	21.16	21.20
		1	77	22.61	22.65	22.70	22.56	22.52	22.66	21.96	22.12	22.09	20.91	21.13	21.20
		1	78	22.41	22.48	22.52	22.66	22.63	22.69	22.03	22.04	22.10	21.17	21.02	20.91
		36	18	23.20	23.19	23.12	23.19	23.16	23.18	22.61	22.61	22.69	21.68	21.64	21.68
		75	0	22.93	22.96	23.11	22.93	22.96	23.02	22.50	22.68	22.51	21.43	21.41	21.62
	256QAM	1	0	20.63	20.46	20.48	20.68	20.62	20.64	19.98	20.01	20.00	19.18	19.05	19.01
		1	1	20.45	20.55	20.42	20.50	20.41	20.43	20.01	20.12	19.98	18.91	18.94	18.92
		1	77	20.44	20.43	20.63	20.67	20.44	20.55	19.92	20.18	20.09	19.07	19.08	18.90
		1	78	20.55	20.56	20.55	20.61	20.43	20.67	19.91	19.98	20.13	19.07	18.91	19.02
		36	18	21.12	21.10	21.15	21.18	21.13	21.18	20.70	20.65	20.64	19.64	19.67	19.69
		75	0	21.10	21.18	21.18	21.15	21.02	21.10	20.64	20.51	20.58	19.50	19.55	19.45

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
20.0	BPSK	1	0	24.60	24.41	24.63	24.51	24.63	24.60	23.92	24.03	24.16	23.04	23.19	23.09
		1	1	24.91	24.99	24.95	25.12	24.92	24.99	24.53	24.43	24.60	23.60	23.70	23.50
		1	104	25.05	25.14	24.97	24.99	24.98	24.94	24.58	24.50	24.41	23.41	23.65	23.41
		1	105	24.61	24.63	24.44	24.59	24.56	24.41	24.13	24.07	24.03	22.95	23.06	23.04
		50	25	25.70	25.70	25.70	25.70	25.70	25.70	25.20	25.20	25.20	24.20	24.20	24.20
		100	0	24.95	25.09	24.90	25.16	24.93	24.94	24.41	24.56	24.45	23.44	23.56	23.47
	QPSK	1	0	24.15	23.96	23.99	23.98	24.15	24.06	23.49	23.40	23.52	22.40	22.41	22.54
		1	1	25.15	25.04	25.01	25.07	25.05	25.17	24.70	24.48	24.64	23.41	23.58	23.52
		1	104	24.99	24.93	25.03	24.96	25.01	25.18	24.50	24.49	24.56	23.49	23.64	23.55
		1	105	24.14	24.03	23.96	23.99	24.04	23.93	23.48	23.51	23.64	22.46	22.62	22.48
		50	25	25.54	25.68	25.61	25.70	25.67	25.47	25.03	24.97	24.90	24.20	24.03	24.08
		100	0	24.69	24.64	24.59	24.70	24.47	24.55	24.10	23.99	24.09	23.16	23.01	23.14
	16QAM	1	0	22.91	23.16	23.16	22.98	23.17	22.91	22.45	22.57	22.63	21.56	21.70	21.46
		1	1	24.07	24.09	23.95	24.01	23.97	23.95	23.56	23.45	23.53	22.68	22.52	22.61
		1	104	24.03	24.05	23.96	24.16	24.10	24.17	23.46	23.45	23.49	22.62	22.45	22.64
		1	105	22.98	23.10	23.05	22.92	23.08	23.13	22.53	22.48	22.59	21.47	21.60	21.66
		50	25	24.55	24.69	24.50	24.63	24.63	24.54	24.08	24.02	24.16	22.96	23.03	23.08
		100	0	23.48	23.44	23.64	23.50	23.64	23.58	23.11	22.94	23.06	22.03	22.10	22.00
	64QAM	1	0	22.46	22.42	22.68	22.41	22.51	22.66	21.90	22.09	22.01	20.95	21.20	21.17
		1	1	22.41	22.67	22.51	22.53	22.48	22.64	21.95	22.06	22.14	21.11	21.12	20.93
		1	104	22.57	22.61	22.69	22.59	22.44	22.70	22.08	22.16	22.08	21.15	21.07	21.07
		1	105	22.67	22.56	22.40	22.56	22.55	22.62	22.06	22.13	22.11	21.07	21.07	20.99
		50	25	23.11	23.18	23.18	23.11	23.10	23.16	22.69	22.62	22.70	21.63	21.69	21.69
		100	0	23.11	22.96	22.95	23.06	23.18	23.06	22.40	22.68	22.64	21.67	21.45	21.66
	256QAM	1	0	20.51	20.66	20.56	20.40	20.58	20.42	20.06	20.07	20.03	19.06	19.20	19.15
		1	1	20.58	20.49	20.55	20.42	20.49	20.52	19.90	20.06	20.04	19.14	18.91	18.95
		1	104	20.67	20.68	20.60	20.40	20.45	20.55	20.10	19.96	20.01	19.07	19.10	19.13
		1	105	20.43	20.51	20.47	20.61	20.65	20.61	19.98	20.08	19.98	18.95	19.20	19.10
		50	25	21.12	21.16	21.11	21.20	21.17	21.10	20.63	20.68	20.63	19.62	19.62	19.68
		100	0	21.02	20.99	21.03	21.03	20.93	21.15	20.46	20.55	20.56	19.48	19.59	19.46

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
25.0	BPSK	1	0	24.53	24.46	24.56	24.56	24.41	24.44	23.95	24.03	24.05	23.04	23.19	23.01
		1	1	25.18	25.05	24.97	24.91	25.16	25.05	24.70	24.56	24.42	23.47	23.70	23.59
		1	104	25.12	25.05	24.96	25.14	25.20	25.00	24.68	24.54	24.59	23.67	23.70	23.43
		1	105	24.62	24.69	24.53	24.52	24.68	24.62	24.16	23.93	24.17	22.94	22.94	22.94
		50	25	25.70	25.70	25.70	25.70	25.70	25.70	25.20	25.20	25.20	24.20	24.20	24.20
		100	0	25.05	25.13	25.18	24.91	24.99	24.94	24.51	24.59	24.43	23.64	23.40	23.68
	QPSK	1	0	23.97	24.18	24.19	24.05	24.14	24.00	23.57	23.53	23.55	22.52	22.70	22.59
		1	1	25.12	24.91	25.05	25.10	25.18	25.20	24.67	24.47	24.51	23.47	23.47	23.42
		1	104	24.96	25.03	24.99	25.08	24.90	25.11	24.53	24.67	24.56	23.66	23.59	23.47
		1	105	24.12	24.05	23.90	23.99	24.19	23.99	23.55	23.43	23.68	22.56	22.47	22.49
		50	25	25.59	25.53	25.56	25.46	25.63	25.46	24.95	25.19	25.11	23.96	23.92	24.20
		100	0	24.47	24.46	24.44	24.40	24.48	24.58	23.94	24.05	24.07	23.04	22.98	22.96
	16QAM	1	0	23.19	23.02	23.12	23.15	23.18	22.97	22.57	22.60	22.52	21.43	21.46	21.58
		1	1	23.95	23.95	24.14	23.97	23.95	24.14	23.60	23.52	23.40	22.58	22.55	22.51
		1	104	24.15	24.19	23.98	23.97	23.99	24.01	23.43	23.45	23.59	22.55	22.53	22.55
		1	105	23.15	22.91	23.08	23.10	23.10	23.01	22.50	22.43	22.67	21.63	21.51	21.70
		50	25	24.70	24.69	24.64	24.51	24.53	24.70	24.14	24.17	24.11	22.90	23.09	23.08
		100	0	23.55	23.40	23.41	23.61	23.53	23.47	23.07	23.20	23.13	21.98	21.97	22.19
	64QAM	1	0	22.53	22.52	22.46	22.64	22.54	22.47	21.94	22.17	22.01	21.04	21.08	21.13
		1	1	22.51	22.63	22.53	22.68	22.52	22.63	22.17	22.00	21.97	21.01	21.13	21.18
		1	104	22.68	22.40	22.55	22.51	22.52	22.51	22.12	22.14	22.12	21.19	21.10	21.00
		1	105	22.58	22.68	22.55	22.47	22.62	22.42	21.98	22.12	22.12	20.98	21.06	21.07
		50	25	23.13	23.15	23.15	23.10	23.16	23.10	22.65	22.66	22.63	21.70	21.64	21.70
		100	0	23.04	23.19	23.16	23.07	23.02	22.98	22.50	22.51	22.54	21.53	21.50	21.48
	256QAM	1	0	20.66	20.46	20.50	20.62	20.57	20.43	20.09	20.12	20.01	19.01	19.07	18.95
		1	1	20.42	20.63	20.69	20.60	20.49	20.68	20.08	20.09	20.10	19.11	19.20	18.90
		1	104	20.65	20.44	20.45	20.63	20.57	20.63	20.16	19.91	19.98	19.04	19.13	19.17
		1	105	20.58	20.65	20.54	20.62	20.70	20.49	19.99	19.91	20.04	19.14	19.03	19.19
		50	25	21.19	21.10	21.17	21.12	21.19	21.18	20.67	20.62	20.67	19.62	19.68	19.68
		100	0	21.12	21.00	21.04	20.97	21.04	21.09	20.42	20.64	20.41	19.49	19.53	19.40

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
30.0	BPSK	1	0	24.44	24.68	24.45	24.69	24.41	24.56	23.94	24.18	24.16	22.90	22.94	23.00
		1	1	25.19	25.12	24.92	25.14	24.90	24.90	24.50	24.58	24.42	23.40	23.58	23.64
		1	158	25.09	25.18	25.08	25.17	24.99	25.18	24.43	24.46	24.42	23.56	23.58	23.41
		1	159	24.61	24.66	24.43	24.42	24.57	24.41	24.11	23.98	24.17	22.97	22.91	22.90
		80	40	25.70	25.70	25.70	25.70	25.70	25.70	25.20	25.20	25.20	24.20	24.20	24.20
		160	0	25.03	25.09	25.00	25.19	25.20	24.98	24.68	24.62	24.40	23.67	23.60	23.70
	QPSK	1	0	24.18	23.92	24.10	24.18	24.19	24.06	23.60	23.70	23.63	22.56	22.55	22.50
		1	1	25.05	25.13	25.07	24.98	24.97	25.09	24.44	24.55	24.60	23.63	23.67	23.66
		1	158	25.00	24.99	24.90	25.11	24.90	25.07	24.61	24.69	24.48	23.45	23.61	23.42
		1	159	24.03	23.98	24.20	23.96	24.11	24.19	23.64	23.70	23.68	22.63	22.63	22.44
		80	40	25.66	25.54	25.53	25.57	25.53	25.70	25.12	25.01	24.96	24.01	24.11	23.94
		160	0	24.57	24.53	24.56	24.59	24.45	24.48	24.08	23.90	23.98	23.10	23.04	23.00
	16QAM	1	0	23.20	22.90	23.09	23.09	22.97	22.94	22.50	22.54	22.53	21.41	21.41	21.49
		1	1	24.12	24.13	24.03	24.06	24.02	24.04	23.58	23.64	23.69	22.53	22.59	22.42
		1	158	24.09	23.92	23.99	24.11	24.07	24.06	23.64	23.44	23.70	22.63	22.49	22.57
		1	159	23.20	23.06	23.02	23.19	23.19	23.06	22.60	22.55	22.54	21.65	21.48	21.51
		80	40	24.69	24.67	24.54	24.61	24.53	24.48	24.11	24.04	23.92	22.93	23.02	23.13
		160	0	23.50	23.41	23.69	23.51	23.58	23.42	22.92	23.17	22.99	22.00	21.96	22.06
	64QAM	1	0	22.45	22.56	22.50	22.59	22.65	22.44	22.19	22.02	22.14	21.07	20.93	21.13
		1	1	22.61	22.69	22.54	22.51	22.52	22.69	22.13	22.04	22.18	21.14	20.97	21.13
		1	158	22.57	22.66	22.67	22.43	22.45	22.58	21.90	22.08	21.91	21.06	21.18	21.00
		1	159	22.66	22.53	22.61	22.45	22.42	22.62	22.08	22.02	22.09	21.05	21.10	20.94
		80	40	23.12	23.18	23.19	23.13	23.18	23.12	22.64	22.65	22.60	21.61	21.60	21.68
		160	0	22.93	22.92	23.14	22.90	23.08	22.97	22.55	22.58	22.52	21.52	21.68	21.43
	256QAM	1	0	20.55	20.69	20.49	20.40	20.59	20.67	20.00	19.96	20.12	19.06	18.90	19.01
		1	1	20.62	20.64	20.67	20.67	20.58	20.59	20.09	20.08	20.12	19.15	19.19	19.18
		1	158	20.57	20.64	20.63	20.65	20.55	20.40	19.96	19.98	20.04	19.02	18.97	18.91
		1	159	20.69	20.65	20.62	20.40	20.56	20.51	19.98	20.10	20.02	19.13	19.17	18.92
		80	40	21.14	21.20	21.18	21.11	21.17	21.20	20.66	20.68	20.65	19.67	19.61	19.63
		160	0	21.05	20.90	20.91	20.95	21.15	20.94	20.64	20.63	20.46	19.59	19.48	19.68

OUTPUT POWER FOR 5G NR n66 (35.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				345500	349000	352500	345500	349000	352500	4E+06	349000	352500	345500	349000	352500
35.0	BPSK	1	0	1727.5	1745.0	1762.5	1727.5	1745.0	1762.5	1727.5	1745.0	1762.5	1727.5	1745.0	1762.5
		1	1	24.68	24.45	24.66	24.60	24.65	24.43	23.92	24.01	24.10	23.12	23.08	23.17
		1	1	25.16	24.94	24.94	25.17	25.07	25.10	24.58	24.64	24.59	23.65	23.61	23.69
		1	104	25.03	24.97	25.00	25.14	24.92	25.05	24.57	24.49	24.40	23.57	23.68	23.41
		1	105	24.63	24.48	24.40	24.57	24.41	24.67	24.00	24.07	23.94	22.98	23.06	23.11
		50	25	25.70	25.70	25.70	25.70	25.70	25.70	25.20	25.20	25.20	24.20	24.20	24.20
		100	0	25.06	25.18	24.98	25.14	25.10	25.19	24.40	24.54	24.48	23.61	23.54	23.49
		1	0	24.15	24.20	24.11	24.01	24.10	23.98	23.54	23.43	23.51	22.58	22.56	22.61
	QPSK	1	1	24.96	25.18	25.13	24.97	25.19	25.03	24.40	24.63	24.49	23.41	23.60	23.67
		1	104	24.99	25.20	24.97	24.95	24.91	25.19	24.61	24.61	24.44	23.59	23.70	23.52
		1	105	23.98	24.13	24.00	24.08	24.09	24.03	23.63	23.46	23.69	22.70	22.57	22.42
		50	25	25.57	25.58	25.70	25.57	25.58	25.53	25.04	25.03	25.08	24.13	24.09	23.92
		100	0	24.55	24.53	24.65	24.52	24.43	24.58	23.94	24.10	23.97	23.08	23.05	23.17
		1	0	23.04	23.00	23.03	23.10	23.18	23.13	22.50	22.65	22.65	21.56	21.52	21.67
		1	1	24.13	23.93	23.91	23.97	24.12	24.17	23.61	23.53	23.46	22.41	22.47	22.63
		1	104	24.01	24.17	24.19	23.97	24.11	24.02	23.46	23.44	23.43	22.58	22.51	22.46
	16QAM	1	105	23.13	23.00	23.19	22.91	22.90	23.02	22.40	22.58	22.70	21.65	21.58	21.61
		50	25	24.46	24.64	24.60	24.52	24.50	24.51	23.95	24.09	23.97	23.16	22.97	23.10
		100	0	23.58	23.49	23.53	23.65	23.42	23.67	22.95	22.94	23.05	22.12	21.95	22.01
		1	0	22.55	22.62	22.54	22.44	22.62	22.55	22.15	22.05	22.15	20.91	20.92	20.98
		1	1	22.50	22.45	22.45	22.58	22.58	22.51	22.09	22.10	22.08	21.14	21.20	20.90
		1	104	22.41	22.53	22.62	22.54	22.57	22.44	21.97	21.94	21.92	21.05	21.16	21.13
		1	105	22.65	22.64	22.55	22.68	22.49	22.44	22.12	22.09	22.04	20.92	21.14	21.04
		50	25	23.20	23.14	23.11	23.11	23.14	23.17	22.70	22.62	22.64	21.70	21.66	21.63
	64QAM	100	0	23.15	22.93	23.15	22.96	23.14	23.00	22.68	22.44	22.46	21.60	21.48	21.48
		1	0	20.66	20.67	20.51	20.65	20.51	20.63	20.07	20.02	20.06	19.17	19.04	19.15
		1	1	20.68	20.41	20.67	20.55	20.51	20.61	19.90	20.03	19.90	19.18	19.02	19.19
		1	104	20.52	20.40	20.40	20.43	20.55	20.54	19.96	19.91	20.01	18.92	19.16	18.94
		1	105	20.68	20.45	20.68	20.59	20.58	20.68	19.95	20.17	19.90	19.19	19.14	19.05
		50	25	21.10	21.20	21.13	21.19	21.12	21.16	20.68	20.63	20.66	19.69	19.64	19.63
		100	0	21.14	21.14	21.18	21.01	21.09	21.00	20.66	20.48	20.42	19.50	19.67	19.40
	256QAM	1	0	20.66	20.67	20.51	20.65	20.51	20.63	20.07	20.02	20.06	19.17	19.04	19.15
		1	1	20.68	20.41	20.67	20.55	20.51	20.61	19.90	20.03	19.90	19.18	19.02	19.19
		1	104	20.52	20.40	20.40	20.43	20.55	20.54	19.96	19.91	20.01	18.92	19.16	18.94
		1	105	20.68	20.45	20.68	20.59	20.58	20.68	19.95	20.17	19.90	19.19	19.14	19.05
		50	25	21.10	21.20	21.13	21.19	21.12	21.16	20.68	20.63	20.66	19.69	19.64	19.63
		100	0	21.14	21.14	21.18	21.01	21.09	21.00	20.66	20.48	20.42	19.50	19.67	19.40

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
40.0	BPSK	1	0	1730.0	1745.0	1760.0	1730.0	1745.0	1760.0	1730.0	1745.0	1760.0	1730.0	1745.0	1760.0
		1	1	24.45	24.47	24.69	24.57	24.48	24.51	24.20	23.90	24.10	23.00	23.06	23.07
		1	1	24.90	24.96	25.05	24.94	25.08	25.13	24.69	24.66	24.66	23.69	23.53	23.40
		1	214	24.97	25.13	25.00	24.94	25.19	25.04	24.69	24.42	24.56	23.49	23.41	23.58
		1	215	24.61	24.44	24.49	24.42	24.65	24.45	24.15	23.92	24.09	23.16	22.96	23.00
		108	54	25.70	25.70	25.70	25.70	25.70	25.70	25.20	25.20	25.20	24.20	24.20	24.20
		216	0	25.02	25.13	25.17	24.91	25.16	24.97	24.54	24.66	24.40	23.62	23.69	23.53
		1	0	23.91	24.20	24.01	23.98	23.91	24.16	23.52	23.64	23.62	22.48	22.63	22.63
	QPSK	1	1	25.14	24.90	25.10	24.93	25.12	24.98	24.57	24.67	24.55	23.60	23.45	23.60
		1	214	25.16	25.10	25.01	24.90	24.90	25.12	24.67	24.50	24.59	23.70	23.41	23.48
		1	215	24.02	23.93	23.99	24.14	23.93	23.93	23.58	23.49	23.70	22.70	22.52	22.56
		108	54	25.56	25.64	25.44	25.62	25.69	25.41	25.04	24.95	25.08	24.11	24.11	24.14
		216	0	24.57	24.60	24.50	24.52	24.53	24.45	24.19	24.06	24.07	22.93	23.10	23.11
		1	0	22.96	22.99	23.09	23.13	22.91	23.07	22.53	22.56	22.41	21.40	21.45	21.44
		1	1	24.12	23.96	24.09	23.99	24.04	24.11	23.61	23.55	23.66	22.41	22.46	22.47
		1	214	24.16	23.98	24.12	23.90	23.91	24.00	23.49	23.47	23.53	22.42	22.58	22.50
	16QAM	1	215	23.12	23.15	22.98	23.12	23.06	23.00	22.67	22.44	22.56	21.59	21.70	21.49
		108	54	24.41	24.40	24.50	24.61	24.48	24.42	24.18	23.98	23.91	22.96	23.06	23.20
		216	0	23.61	23.57	23.43	23.62	23.55	23.48	22.98	22.96	22.92	22.08	22.19	22.04
		1	0	22.44	22.64	22.45	22.46	22.66	22.60	22.07	22.17	21.93	20.90	21.15	20.92
		1	1	22.43	22.65	22.59	22.63	22.45	22.45	22.05	22.10	22.05	21.13	21.08	20.90
		1	214	22.52	22.42	22.41	22.57	22.66	22.68	22.04	22.10	22.16	20.99	21.13	21.00
		1	215	22.66	22.65	22.65	22.50	22.55	22.52	21.94	22.05	21.96	21.05	20.94	21.00
		108	54	23.14	23.18	23.13	23.13	23.13	23.14	22.68	22.60	22.69	21.67	21.68	21.67
	64QAM	216	0	23.08	23.09	23.05	23.05	23.13	22.96	22.59	22.41	22.68	21.59	21.66	21.46
		1	0	20.60	20.61	20.48	20.70	20.65	20.46	19.95	20.02	20.16	19.19	18.91	19.18
		1	1	20.45	20.62	20.49	20.59	20.45	20.62	19.98	19.96	20.03	18.92	18.98	18.93
		1	214	20.63	20.56	20.52	20.44	20.66	20.68	20.18	19.97	19.97	18.95	18.90	19.07
		1	215	20.47	20.47	20.54	20.55	20.70	20.60	20.05	20.20	20.20	19.02	19.11	18.91
		108	54	21.17	21.19	21.18	21.12	21.13	21.16	20.68	20.67	20.62	19.62	19.64	19.64
		216	0	21.01	21.11	21.15	20.93	20.97	21.13	20.43	20.60	20.61	19.51	19.48	19.62

8.12. 5G NR n70

Test Engineer ID:	106170	Test Date:	2024-06-21
-------------------	--------	------------	------------

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
5.0	BPSK	1	0	24.60	24.50	24.67	24.52	24.70	24.67	24.01	24.17	23.91	23.20	23.01	23.08
		1	1	25.04	25.20	25.12	25.16	25.07	25.02	24.47	24.51	24.55	23.64	23.67	23.58
		1	23	24.94	25.09	25.03	25.04	24.91	25.11	24.61	24.47	24.62	23.65	23.53	23.54
		1	24	24.61	24.70	24.46	24.62	24.63	24.44	24.12	24.03	24.11	23.11	23.17	23.05
		12	6	25.70	25.70	25.70	25.70	25.70	25.70	25.20	25.20	25.20	24.20	24.20	24.20
	QPSK	25	0	24.93	25.05	25.03	24.93	24.90	24.92	24.51	24.66	24.66	23.64	23.60	23.44
		1	0	23.96	24.16	24.15	24.17	24.12	24.08	23.60	23.40	23.46	22.66	22.47	22.59
		1	1	25.12	25.20	25.03	25.13	24.94	24.94	24.45	24.45	24.63	23.49	23.70	23.69
		1	23	25.09	25.00	24.90	25.12	25.02	24.99	24.66	24.51	24.56	23.49	23.61	23.49
		1	24	24.11	24.07	24.14	23.93	24.19	23.96	23.66	23.55	23.64	22.65	22.47	22.47
	16QAM	12	6	25.40	25.60	25.42	25.63	25.41	25.64	24.93	24.97	25.02	24.03	24.13	24.20
		25	0	24.43	24.66	24.42	24.56	24.52	24.68	24.18	24.03	24.10	23.13	22.99	23.10
		1	0	23.06	23.16	22.96	23.18	23.15	23.01	22.54	22.49	22.65	21.57	21.49	21.49
		1	1	23.92	23.99	24.04	23.91	24.16	24.11	23.65	23.57	23.68	22.65	22.57	22.55
		1	23	24.07	24.02	23.95	23.92	24.16	24.05	23.43	23.41	23.64	22.54	22.65	22.58
	64QAM	1	24	23.15	23.17	23.05	23.12	23.10	23.12	22.68	22.65	22.46	21.61	21.66	21.57
		12	6	24.52	24.60	24.63	24.57	24.40	24.47	24.03	24.16	23.91	23.06	23.12	22.93
		25	0	23.65	23.40	23.47	23.66	23.59	23.48	23.18	22.97	23.04	22.08	21.94	22.08
		1	0	22.59	22.54	22.57	22.64	22.53	22.42	22.02	21.99	22.16	21.06	21.11	20.96
		1	1	22.46	22.46	22.65	22.54	22.41	22.61	22.15	22.12	22.00	20.93	20.99	21.12
	256QAM	1	23	22.68	22.60	22.50	22.69	22.48	22.48	21.94	21.95	22.19	21.11	21.04	20.96
		1	24	22.67	22.61	22.66	22.58	22.40	22.59	22.16	22.16	22.20	20.93	20.96	21.05
		12	6	23.14	23.17	23.14	23.17	23.14	23.17	22.61	22.61	22.64	22.69	21.65	21.63
		25	0	23.17	23.17	23.17	22.97	23.03	23.06	22.62	22.45	22.63	21.42	21.56	21.47
		1	0	20.44	20.51	20.54	20.49	20.54	20.50	20.15	19.90	20.03	19.13	18.94	18.98
		1	1	20.69	20.54	20.51	20.55	20.45	20.64	20.08	20.13	19.95	19.04	18.98	19.15
		1	23	20.48	20.65	20.52	20.41	20.42	20.41	19.97	20.20	19.96	19.06	19.13	19.00
		1	24	20.55	20.40	20.44	20.41	20.66	20.58	19.90	20.06	20.05	19.07	18.96	19.20
		12	6	21.17	21.18	21.17	21.11	21.20	21.10	20.64	20.63	20.69	19.63	19.65	19.68
		25	0	21.14	21.16	21.05	21.18	21.03	21.14	20.40	20.52	20.44	19.52	19.64	19.65

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
10.0	BPSK	1	0	24.60	24.45	24.49	24.66	24.48	24.63	23.94	24.11	24.12	23.13	23.20	23.06
		1	1	24.94	25.00	25.17	25.04	25.09	25.12	24.54	24.60	24.70	23.66	23.64	23.50
		1	50	24.93	25.16	25.00	25.17	24.92	25.02	24.57	24.55	24.42	23.52	23.49	23.49
		1	51	24.59	24.62	24.60	24.44	24.49	24.61	24.11	24.04	24.12	23.18	23.17	23.15
		25	12	25.70	25.70	25.70	25.70	25.70	25.70	25.20	25.20	25.20	24.20	24.20	24.20
	QPSK	50	0	24.99	25.17	24.93	24.94	25.01	24.97	24.50	24.53	24.54	23.42	23.69	23.43
		1	0	24.11	24.11	24.09	23.98	24.06	23.95	23.66	23.48	23.68	22.43	22.59	22.63
		1	1	25.02	25.01	25.10	25.04	24.91	25.07	24.45	24.58	24.58	23.66	23.41	23.49
		1	50	25.17	25.15	25.04	25.01	25.12	25.07	24.46	24.50	24.41	23.68	23.46	23.58
		1	51	23.91	23.96	23.91	24.02	24.19	23.96	23.62	23.47	23.54	22.42	22.61	22.45
	16QAM	25	12	25.45	25.55	25.50	25.46	25.63	25.60	25.01	25.15	25.17	24.17	23.99	23.99
		50	0	24.67	24.59	24.52	24.41	24.65	24.49	23.91	23.98	24.20	23.06	23.01	23.06
		1	0	23.10	22.99	23.16	23.09	23.14	23.03	22.60	22.66	22.40	21.59	21.70	21.60
		1	1	24.15	24.17	24.18	24.06	24.03	24.08	23.55	23.41	23.46	22.61	22.50	22.42
		1	50	23.99	23.95	24.04	24.14	24.08	23.96	23.59	23.59	23.41	22.51	22.49	22.54
	64QAM	1	51	23.02	23.08	23.10	23.07	23.08	23.07	22.51	22.64	22.41	21.44	21.65	21.43
		25	12	24.62	24.43	24.45	24.52	24.51	24.49	23.90	24.10	24.03	23.01	22.96	22.99
		50	0	23.67	23.66	23.46	23.40	23.68	23.67	22.98	22.99	23.01	22.05	22.09	22.04
		1	0	22.55	22.50	22.67	22.62	22.41	22.70	22.07	22.09	22.06	21.00	21.20	21.06
		1	1	22.47	22.62	22.62	22.60	22.59	22.41	21.96	22.13	22.18	21.13	20.92	20.93
	256QAM	1	50	22.69	22.57	22.70	22.59	22.44	22.54	22.00	22.20	22.14	21.00	20.99	21.10
		1	51	22.41	22.60	22.68	22.59	22.46	22.67	22.06	22.03	21.93	20.90	21.19	21.08
		25	12	23.11	23.18	23.11	23.13	23.17	23.12	22.65	22.67	22.69	21.64	21.70	21.70
		50	0	22.98	22.92	23.03	22.90	22.93	23.07	22.43	22.58	22.56	21.50	21.69	21.53
		1	0	20.47	20.41	20.47	20.42	20.43	20.60	20.15	20.13	20.01	18.95	19.07	19.10
		1	1	20.56	20.55	20.63	20.50	20.40	20.50	20.03	19.96	20.16	19.17	18.93	19.10
		1	50	20.50	20.69	20.63	20.42	20.43	20.44	20.04	20.15	20.20	18.99	18.97	19.00
		1	51	20.44	20.44	20.42	20.47	20.43	20.60	20.16	20.10	19.91	19.19	18.91	19.04
		25	12	21.14	21.17	21.11	21.14	21.16	21.18	20.69	20.66	20.63	19.64	19.67	19.65
		50	0	21.03	20.91	21.04	20.95	21.03	21.19	20.50	20.50	20.56	19.53	19.42	19.60

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
15.0	BPSK	1	0		24.41			24.53			24.06			22.97	
		1	1		25.09			24.96			24.42			23.65	
		1	77		24.98			25.18			24.47			23.52	
		1	78		24.52			24.61			23.98			22.92	
		36	18		25.70			25.70			25.20			24.20	
		75	0		25.00			25.05			24.48			23.62	
	QPSK	1	0		24.00			24.16			23.50			22.50	
		1	1		24.95			24.92			24.49			23.54	
		1	77		24.96			25.20			24.66			23.60	
		1	78		23.95			24.18			23.64			22.70	
		36	18		25.40			25.59			24.90			23.98	
		75	0		24.42			24.53			24.03			23.18	
	16QAM	1	0		22.94			22.99			22.44			21.49	
		1	1		24.07			23.99			23.52			22.43	
		1	77		23.95			24.00			23.55			22.47	
		1	78		23.14			22.90			22.56			21.61	
		36	18		24.47			24.51			23.96			23.20	
		75	0		23.45			23.43			23.20			21.97	
	64QAM	1	0		22.58			22.47			21.98			21.14	
		1	1		22.49			22.40			22.11			21.05	
		1	77		22.40			22.55			22.18			21.13	
		1	78		22.70			22.54			22.05			21.19	
		36	18		23.11			23.13			22.64			21.64	
		75	0		23.16			22.91			22.59			21.67	
	256QAM	1	0		20.63			20.60			19.98			19.03	
		1	1		20.44			20.67			20.06			18.99	
		1	77		20.40			20.68			19.99			18.97	
		1	78		20.48			20.44			19.90			18.97	
		36	18		21.19			21.20			20.65			19.66	
		75	0		20.93			20.90			20.51			19.53	

8.13. LTE BAND 71 AND 5G NR n71

LTE BAND 71

Test Engineer ID:	32061	Test Date:	2024-07-16
-------------------	-------	------------	------------

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
5.0	QPSK	1	0	24.91	24.98	24.95	24.03	24.04	23.98
		1	12	24.99	25.18	24.97	24.12	24.17	24.18
		1	24	25.20	25.14	25.13	24.00	23.99	24.08
		2	0	25.67	25.60	25.67	24.56	24.59	24.68
		2	23	25.70	25.66	25.64	24.70	24.61	24.65
		12	0	24.60	24.62	24.64	23.56	23.57	23.68
		12	6	24.61	24.64	24.62	23.59	23.62	23.65
		12	11	24.70	24.70	24.70	23.70	23.70	23.70
		25	0	24.64	24.56	24.54	23.50	23.54	23.57
	16QAM	1	0	24.13	23.93	24.01	23.19	22.93	23.13
		1	12	24.14	24.04	23.91	23.09	23.02	23.19
		1	24	24.10	24.17	24.20	22.99	22.91	22.93
		2	0	24.58	24.67	24.66	23.59	23.61	23.70
		2	23	24.69	24.65	24.59	23.61	23.60	23.64
		12	0	23.67	23.69	23.65	22.59	22.58	22.59
		12	6	23.61	23.56	23.66	22.68	22.58	22.62
		12	11	23.55	23.56	23.55	22.60	22.61	22.65
		25	0	23.64	23.45	23.53	22.49	22.50	22.42
	64QAM	1	0	23.04	22.97	23.11	22.09	22.10	22.17
		1	12	23.02	23.05	23.11	22.15	22.20	21.94
		1	24	23.05	22.91	23.13	21.92	22.16	21.93
		2	0	23.67	23.64	23.67	22.63	22.66	22.69
		2	23	23.62	23.57	23.56	22.70	22.55	22.58
		12	0	22.62	22.60	22.57	21.67	21.59	21.68
		12	6	22.62	22.56	22.62	21.65	21.64	21.61
		12	11	22.64	22.58	22.68	21.68	21.59	21.62
		25	0	22.62	22.43	22.50	21.67	21.62	21.70
	256QAM	1	0	20.14	19.90	20.06	18.98	19.13	18.96
		1	12	20.17	19.91	19.99	18.91	19.11	19.19
		1	24	20.11	20.17	19.98	19.20	18.98	19.00
		2	0	20.68	20.60	20.68	19.62	19.68	19.66
		2	23	20.61	20.56	20.56	19.67	19.62	19.69
		12	0	20.62	20.55	20.66	19.60	19.65	19.61
		12	6	20.57	20.57	20.62	19.58	19.58	19.68
		12	11	20.64	20.60	20.64	19.66	19.60	19.68
		25	0	20.47	20.48	20.51	19.53	19.47	19.67

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
10.0	QPSK	1	0	668.0	683.0	693.0	668.0	683.0	693.0
		1	24	25.10	24.98	25.13	24.00	23.96	24.00
		1	24	25.09	25.17	25.19	24.10	24.01	24.08
		1	49	25.09	25.02	24.94	24.12	24.04	24.16
		2	0	25.70	25.56	25.59	24.59	24.68	24.65
		2	48	25.61	25.61	25.65	24.70	24.58	24.67
		25	0	24.68	24.60	24.56	23.68	23.55	23.56
		25	12	24.57	24.63	24.57	23.59	23.70	23.59
		25	24	24.70	24.70	24.70	23.70	23.70	23.70
		50	0	24.63	24.40	24.52	23.70	23.68	23.44
	16QAM	1	0	24.09	24.00	24.09	22.96	23.12	23.20
		1	24	24.14	24.08	24.01	23.03	23.13	22.90
		1	49	24.04	23.93	23.95	22.99	23.09	23.04
		2	0	24.62	24.57	24.61	23.64	23.59	23.69
		2	48	24.56	24.66	24.60	23.58	23.63	23.70
		25	0	23.62	23.70	23.61	22.65	22.66	22.67
		25	12	23.62	23.64	23.58	22.61	22.55	22.70
		25	24	23.61	23.57	23.69	22.60	22.67	22.66
		50	0	23.47	23.68	23.51	22.52	22.47	22.51
		1	0	23.15	23.08	23.02	22.08	22.01	22.08
	64QAM	1	24	22.99	23.06	22.99	22.11	22.11	22.05
		1	49	23.14	22.96	23.03	22.11	22.17	21.98
		2	0	23.57	23.63	23.59	22.55	22.66	22.58
		2	48	23.58	23.70	23.66	22.63	22.57	22.56
		25	0	22.56	22.57	22.67	21.64	21.63	21.66
		25	12	22.57	22.68	22.66	21.65	21.60	21.58
		25	24	22.66	22.61	22.63	21.63	21.56	21.61
		50	0	22.41	22.65	22.55	21.40	21.70	21.44
		1	0	19.90	19.93	20.14	18.98	19.20	19.03
		1	24	20.07	20.16	20.18	18.98	19.11	19.06
	256QAM	1	49	20.13	20.09	19.95	18.97	19.19	19.11
		2	0	20.64	20.64	20.64	19.69	19.60	19.62
		2	48	20.69	20.70	20.59	19.61	19.56	19.62
		25	0	20.66	20.57	20.62	19.61	19.64	19.60
		25	12	20.56	20.69	20.67	19.69	19.58	19.65
		25	24	20.63	20.63	20.56	19.66	19.62	19.66
		50	0	20.41	20.57	20.67	19.69	19.68	19.67

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	25.16	25.01	25.18	23.97	24.20	23.91
		1	37	24.91	25.06	25.06	24.02	24.18	24.09
		1	74	25.02	24.94	25.17	23.91	23.92	24.06
		2	0	25.61	25.70	25.70	24.68	24.63	24.70
		2	73	25.57	25.68	25.57	24.64	24.67	24.63
		36	0	24.67	24.59	24.69	23.63	23.67	23.63
		36	16	24.61	24.58	24.62	23.63	23.70	23.57
		36	35	24.70	24.70	24.70	23.70	23.70	23.70
		75	0	24.51	24.40	24.50	23.49	23.58	23.42
	16QAM	1	0	24.01	24.11	24.16	23.14	22.91	23.16
		1	37	24.11	24.03	23.98	23.03	22.91	22.90
		1	74	24.05	23.96	24.12	23.18	23.12	23.08
		2	0	24.62	24.69	24.58	23.57	23.61	23.60
		2	73	24.55	24.58	24.61	23.63	23.62	23.67
		36	0	23.60	23.57	23.58	22.65	22.68	22.66
		36	16	23.65	23.62	23.64	22.63	22.56	22.60
		36	35	23.58	23.59	23.65	22.66	22.63	22.68
		75	0	23.40	23.70	23.43	22.55	22.59	22.52
	64QAM	1	0	22.98	23.13	23.12	22.13	22.13	21.99
		1	37	23.14	23.00	23.13	22.12	22.08	22.02
		1	74	22.96	23.20	22.97	22.15	22.14	22.12
		2	0	23.55	23.56	23.67	22.67	22.57	22.66
		2	73	23.66	23.59	23.55	22.58	22.68	22.57
		36	0	22.68	22.69	22.61	21.59	21.69	21.57
		36	16	22.56	22.63	22.57	21.61	21.62	21.69
		36	35	22.57	22.64	22.57	21.56	21.61	21.64
		75	0	22.66	22.69	22.46	21.68	21.47	21.52
	256QAM	1	0	20.07	20.02	20.10	19.09	19.14	18.96
		1	37	20.04	20.05	20.00	19.06	19.08	19.09
		1	74	19.92	20.02	20.10	19.16	19.01	19.00
		2	0	20.55	20.63	20.64	19.65	19.63	19.68
		2	73	20.64	20.60	20.67	19.62	19.70	19.69
		36	0	20.59	20.68	20.63	19.57	19.60	19.68
		36	16	20.67	20.66	20.70	19.68	19.55	19.56
		36	35	20.70	20.67	20.61	19.70	19.59	19.59
		75	0	20.40	20.46	20.69	19.50	19.41	19.57

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	25.19	25.13	24.91	24.17	23.93	23.91
		1	49	25.00	25.04	25.09	23.96	23.91	24.20
		1	99	25.13	24.99	24.90	24.19	24.20	24.15
		2	0	25.64	25.58	25.70	24.56	24.70	24.56
		2	98	25.65	25.61	25.59	24.68	24.68	24.64
		50	0	24.65	24.55	24.59	23.62	23.57	23.57
		50	24	24.65	24.63	24.57	23.58	23.68	23.56
		50	49	24.70	24.70	24.70	23.70	23.70	23.70
		100	0	24.48	24.65	24.62	23.50	23.44	23.61
	16QAM	1	0	23.96	24.05	23.93	22.94	23.09	22.92
		1	49	23.90	24.12	24.06	23.14	23.08	23.14
		1	99	24.13	23.97	24.17	22.94	23.09	23.17
		2	0	24.61	24.60	24.67	23.65	23.64	23.67
		2	98	24.63	24.69	24.60	23.63	23.61	23.68
		50	0	23.63	23.60	23.59	22.63	22.68	22.68
		50	24	23.58	23.55	23.58	22.58	22.65	22.69
		50	49	23.57	23.58	23.67	22.67	22.61	22.66
		100	0	23.40	23.44	23.42	22.61	22.54	22.57
	64QAM	1	0	23.15	23.09	23.11	22.12	22.19	22.17
		1	49	22.96	23.13	23.07	22.10	22.19	21.91
		1	99	22.95	23.01	23.02	21.94	22.15	22.07
		2	0	23.64	23.63	23.59	22.60	22.67	22.64
		2	98	23.57	23.63	23.70	22.64	22.65	22.57
		50	0	22.60	22.59	22.62	21.55	21.67	21.62
		50	24	22.60	22.57	22.62	21.66	21.59	21.56
		50	49	22.70	22.57	22.62	21.63	21.61	21.63
		100	0	22.65	22.62	22.49	21.68	21.70	21.45
	256QAM	1	0	20.18	19.98	20.09	18.95	19.15	19.09
		1	49	20.08	20.02	20.12	19.08	19.04	18.98
		1	99	19.96	20.14	20.03	19.13	19.20	19.20
		2	0	20.55	20.63	20.63	19.57	19.69	19.63
		2	98	20.58	20.58	20.68	19.59	19.69	19.65
		50	0	20.61	20.64	20.58	19.59	19.66	19.69
		50	24	20.61	20.68	20.66	19.67	19.57	19.56
		50	49	20.63	20.64	20.65	19.62	19.59	19.69
		100	0	20.47	20.42	20.41	19.61	19.52	19.43

5G NR n71

Test Engineer ID:	106710	Test Date:	2024-06-22
-------------------	--------	------------	------------

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
5.0	BPSK	1	0	665.5	680.5	695.5	665.5	680.5	695.5
		1	1	24.68	24.55	24.51	23.55	23.54	23.42
		1	23	25.04	25.05	25.02	24.02	24.08	24.12
		1	24	24.91	25.06	24.97	24.01	23.91	24.04
		1	24	24.51	24.55	24.62	23.56	23.49	23.58
		12	6	25.70	25.70	25.70	24.70	24.70	24.70
	QPSK	25	0	25.01	24.99	25.04	24.00	24.01	24.07
		1	0	23.99	24.08	24.04	22.97	23.12	23.11
		1	1	24.98	24.90	25.03	23.96	23.95	24.18
		1	23	25.01	24.95	25.02	24.04	24.15	24.05
		1	24	24.17	24.11	24.16	23.03	23.11	23.06
		12	6	25.56	25.64	25.68	24.49	24.66	24.41
	16QAM	25	0	24.61	24.40	24.43	23.47	23.43	23.56
		1	0	23.07	23.13	23.03	21.93	22.12	22.08
		1	1	23.97	24.02	23.91	22.94	23.02	22.90
		1	23	23.99	23.96	24.14	23.01	23.16	22.99
		1	24	22.98	22.99	23.10	22.09	22.05	22.08
		12	6	24.50	24.57	24.41	23.42	23.61	23.62
	64QAM	25	0	23.40	23.51	23.61	22.49	22.51	22.59
		1	0	22.65	22.46	22.63	21.51	21.43	21.67
		1	1	22.58	22.48	22.45	21.51	21.49	21.48
		1	23	22.59	22.53	22.43	21.44	21.46	21.68
		1	24	22.69	22.63	22.43	21.65	21.45	21.68
		12	6	23.17	23.18	23.19	22.11	22.18	22.17
	256QAM	25	0	22.92	23.15	23.16	22.04	21.98	21.96
		1	0	20.47	20.63	20.48	19.52	19.65	19.50
		1	1	20.44	20.45	20.42	19.53	19.53	19.54
		1	23	20.49	20.70	20.68	19.62	19.61	19.59
		1	24	20.45	20.60	20.40	19.47	19.61	19.66
		12	6	21.20	21.10	21.17	20.16	20.10	20.18
		25	0	20.96	20.92	21.12	20.14	20.13	20.12

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
10.0	BPSK	1	0	668.0	683.0	693.0	668.0	683.0	693.0
		1	1	24.49	24.50	24.59	23.40	23.66	23.56
		1	50	25.11	25.17	25.03	24.08	24.17	23.98
		1	51	25.07	24.98	25.20	23.94	24.17	24.19
		1	51	24.51	24.67	24.56	23.67	23.64	23.65
		25	12	25.70	25.70	25.70	24.70	24.70	24.70
	QPSK	50	0	25.05	25.03	25.03	24.01	23.99	23.90
		1	0	24.05	24.07	23.96	22.98	23.13	23.15
		1	1	25.03	25.19	25.16	24.10	24.11	24.00
		1	50	25.18	25.04	24.97	24.05	23.95	24.12
		1	51	24.09	23.97	23.96	22.91	22.90	22.94
		25	12	25.61	25.47	25.44	24.50	24.48	24.59
	16QAM	50	0	24.42	24.61	24.57	23.41	23.64	23.59
		1	0	23.04	23.12	23.19	21.95	21.92	21.94
		1	1	23.99	24.13	24.20	23.11	23.08	23.12
		1	50	23.90	24.09	24.13	23.03	23.04	23.16
		1	51	23.13	23.09	22.94	22.18	22.18	22.09
		25	12	24.66	24.43	24.49	23.67	23.54	23.41
	64QAM	50	0	23.42	23.60	23.69	22.52	22.52	22.52
		1	0	22.42	22.58	22.55	21.43	21.46	21.44
		1	1	22.60	22.45	22.66	21.49	21.43	21.62
		1	50	22.47	22.67	22.44	21.58	21.53	21.70
		1	51	22.63	22.63	22.63	21.59	21.41	21.57
		25	12	23.13	23.12	23.20	22.11	22.12	22.12
	256QAM	50	0	22.98	23.09	23.12	21.96	22.20	22.14
		1	0	20.56	20.56	20.62	19.57	19.57	19.53
		1	1	20.44	20.64	20.69	19.40	19.70	19.45
		1	50	20.40	20.58	20.40	19.64	19.49	19.67
		1	51	20.55	20.59	20.57	19.41	19.46	19.69
		25	12	21.18	21.17	21.18	20.17	20.20	20.18
		50	0	20.93	21.17	21.03	20.19	19.90	19.97

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
15.0	BPSK	1	0	24.68	24.48	24.55	23.47	23.68	23.66
		1	1	24.92	25.14	24.97	23.90	24.15	24.06
		1	77	25.15	24.96	25.20	24.01	23.92	24.08
		1	78	24.49	24.50	24.67	23.62	23.57	23.47
		36	18	25.70	25.70	25.70	24.70	24.70	24.70
		75	0	25.16	25.14	25.04	24.05	24.17	24.07
	QPSK	1	0	24.19	24.13	24.09	23.15	22.97	23.11
		1	1	25.15	25.07	25.01	24.16	23.90	24.20
		1	77	25.15	24.91	25.19	24.03	24.09	23.98
		1	78	23.90	24.07	24.18	23.14	23.04	23.11
		36	18	25.50	25.59	25.47	24.50	24.50	24.45
		75	0	24.70	24.52	24.59	23.56	23.54	23.40
	16QAM	1	0	23.14	22.93	23.20	22.04	22.16	22.00
		1	1	23.99	23.94	24.19	22.90	22.96	23.05
		1	77	24.19	24.13	23.98	22.99	22.90	23.17
		1	78	23.07	23.11	23.18	21.97	21.90	21.99
		36	18	24.69	24.59	24.44	23.43	23.42	23.43
		75	0	23.45	23.50	23.42	22.65	22.65	22.44
	64QAM	1	0	22.56	22.46	22.50	21.61	21.66	21.67
		1	1	22.47	22.65	22.63	21.66	21.57	21.59
		1	77	22.46	22.55	22.65	21.53	21.47	21.48
		1	78	22.42	22.69	22.56	21.47	21.56	21.65
		36	18	23.13	23.16	23.18	22.20	22.16	22.20
		75	0	23.03	23.18	22.92	22.05	22.03	22.20
	256QAM	1	0	20.44	20.59	20.42	19.46	19.44	19.63
		1	1	20.57	20.52	20.66	19.60	19.51	19.47
		1	77	20.48	20.53	20.46	19.50	19.53	19.65
		1	78	20.46	20.63	20.65	19.66	19.62	19.57
		36	18	21.16	21.12	21.11	20.17	20.19	20.19
		75	0	21.20	21.10	20.95	20.20	19.92	19.94

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
20.0	BPSK	1	0	24.66	24.67	24.64	23.51	23.55	23.65
		1	1	25.07	25.09	24.90	24.10	24.01	23.95
		1	104	24.94	25.13	24.98	24.04	24.05	24.00
		1	105	24.64	24.49	24.42	23.57	23.46	23.51
		50	25	25.70	25.70	25.70	24.70	24.70	24.70
		100	0	24.91	24.92	24.90	23.97	23.95	24.12
	QPSK	1	0	24.16	24.04	23.98	23.18	23.11	23.00
		1	1	25.18	24.99	24.99	24.12	24.02	24.17
		1	104	24.91	25.05	24.91	23.96	24.02	24.12
		1	105	24.02	23.96	24.01	22.96	22.95	22.96
		50	25	25.60	25.41	25.40	24.46	24.69	24.69
		100	0	24.57	24.51	24.60	23.44	23.67	23.51
	16QAM	1	0	22.97	23.10	22.94	22.07	22.10	22.07
		1	1	24.07	24.14	24.05	23.08	22.91	23.06
		1	104	24.03	24.19	24.04	22.96	22.96	23.11
		1	105	23.08	22.90	23.00	22.18	21.97	21.97
		50	25	24.62	24.65	24.67	23.51	23.57	23.41
		100	0	23.64	23.70	23.61	22.61	22.58	22.58
	64QAM	1	0	22.42	22.64	22.65	21.62	21.66	21.57
		1	1	22.58	22.42	22.68	21.64	21.66	21.46
		1	104	22.41	22.64	22.41	21.43	21.58	21.47
		1	105	22.64	22.43	22.66	21.43	21.59	21.48
		50	25	23.19	23.16	23.19	22.13	22.20	22.13
		100	0	23.14	23.00	22.93	22.02	21.93	22.07
	256QAM	1	0	20.58	20.45	20.45	19.47	19.44	19.69
		1	1	20.41	20.58	20.69	19.40	19.54	19.47
		1	104	20.67	20.55	20.48	19.70	19.43	19.63
		1	105	20.41	20.69	20.44	19.53	19.63	19.57
		50	25	21.13	21.16	21.11	20.19	20.16	20.10
		100	0	21.15	20.96	21.07	20.02	20.17	20.02

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

Test Engineer ID:	19210	Test Date:	2024-07-14
-------------------	-------	------------	------------

OUTPUT POWER FOR 5G NR n77 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 9			ANT 4			ANT 7			ANT 8		
				630333	633332	636333	630333	633332	636333	630333	633332	636333	630333	633332	636333
10.0	BPSK	1	0	24.58	24.59	24.51	20.71	20.91	20.74	24.47	24.45	24.43	22.37	22.25	22.37
		1	1	27.96	28.14	28.15	24.36	24.29	24.20	28.20	28.14	28.09	25.91	25.74	25.91
		1	22	28.01	28.17	28.17	24.33	24.24	24.27	28.20	27.94	27.93	25.71	25.85	25.90
		1	23	24.40	24.45	24.49	20.97	20.92	20.95	24.60	24.52	24.57	22.38	22.24	22.47
		12	6	28.70	28.70	28.70	25.00	25.00	25.00	28.70	28.70	28.70	26.50	26.50	26.50
		24	0	28.15	27.97	28.11	24.29	24.39	24.38	27.93	28.13	27.93	25.71	25.72	25.94
	QPSK	1	0	24.40	24.57	24.44	20.74	20.78	20.84	24.50	24.68	24.50	22.34	22.42	22.27
		1	1	27.90	28.03	28.10	24.23	24.42	24.40	27.95	28.00	28.15	25.70	26.00	25.97
		1	22	27.95	28.02	28.20	24.32	24.50	24.23	28.14	28.00	28.08	25.91	25.80	25.90
		1	23	24.48	24.69	24.69	20.71	20.79	20.79	24.62	24.42	24.63	22.40	22.38	22.40
		12	6	28.42	28.42	28.57	24.71	24.81	24.78	28.68	28.49	28.44	26.32	26.47	26.26
		24	0	27.41	27.55	27.60	23.94	23.83	23.84	27.51	27.69	27.43	25.20	25.41	25.23
	16QAM	1	0	24.68	24.67	24.48	20.91	20.95	20.91	24.59	24.62	24.64	22.35	22.38	22.42
		1	1	27.19	27.03	26.93	23.22	23.30	23.31	26.98	27.16	27.09	24.92	24.99	24.77
		1	22	27.06	26.95	27.10	23.32	23.30	23.27	27.17	26.96	26.94	24.97	24.95	24.80
		1	23	24.44	24.62	24.59	20.78	20.77	20.90	24.42	24.65	24.56	22.29	22.42	22.43
		12	6	27.60	27.68	27.57	23.77	23.84	23.83	27.41	27.58	27.64	25.40	25.27	25.43
		24	0	26.61	26.61	26.67	22.81	22.82	22.93	26.50	26.41	26.41	24.41	24.41	24.20
	64QAM	1	0	24.46	24.57	24.50	20.93	20.71	20.93	24.59	24.60	24.62	22.50	22.21	22.30
		1	1	25.68	25.57	25.55	21.73	21.94	21.99	25.57	25.42	25.53	23.39	23.36	23.48
		1	22	25.65	25.56	25.52	21.97	21.90	21.85	25.65	25.47	25.44	23.50	23.49	23.41
		1	23	24.52	24.70	24.62	20.79	20.76	20.96	24.43	24.51	24.69	22.35	22.32	22.25
		12	6	26.10	26.18	26.12	22.44	22.41	22.40	26.17	26.14	26.13	23.90	23.98	23.98
		24	0	26.10	26.08	25.97	22.39	22.27	22.50	26.14	25.98	25.98	23.97	23.72	23.86
	256QAM	1	0	23.54	23.57	23.61	19.87	19.92	19.91	23.50	23.66	23.61	21.20	21.27	21.50
		1	1	23.55	23.69	23.68	19.94	19.70	19.77	23.42	23.63	23.54	21.34	21.45	21.29
		1	22	23.63	23.70	23.64	19.85	19.70	19.71	23.55	23.43	23.65	21.25	21.22	21.47
		1	23	23.65	23.40	23.63	19.98	19.89	19.82	23.46	23.63	23.53	21.28	21.50	21.31
		12	6	24.15	24.20	24.20	20.45	20.43	20.48	24.13	24.13	24.18	21.91	22.00	21.98
		24	0	23.95	24.16	24.07	20.24	20.30	20.49	24.09	24.11	24.01	21.71	21.99	21.77

OUTPUT POWER FOR 5G NR n77 (15.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 9			ANT 4			ANT 7			ANT 8		
				630500	633332	636166	630500	633332	636166	630500	633332	636166	630500	633332	636166
15.0	BPSK	1	0	24.64	24.65	24.55	20.92	20.81	20.99	24.69	24.45	24.49	22.27	22.49	22.47
		1	1	27.99	28.19	28.15	24.28	24.36	24.20	28.14	27.97	28.08	25.73	25.75	25.76
		1	36	28.14	27.93	28.00	24.32	24.45	24.31	28.12	28.06	28.16	25.96	25.81	25.97
		1	37	24.45	24.62	24.66	20.79	20.80	20.79	24.55	24.49	24.56	22.35	22.26	22.27
		18	9	28.70	28.70	28.70	25.00	25.00	25.00	28.70	28.70	28.70	26.50	26.50	26.50
		36	0	28.17	28.00	28.04	24.20	24.26	24.33	27.92	28.19	27.90	25.79	25.89	25.99
	QPSK	1	0	24.51	24.63	24.43	20.82	20.95	20.83	24.51	24.66	24.63	22.30	22.26	22.28
		1	1	27.94	28.05	28.02	24.23	24.27	24.27	28.12	28.13	27.91	25.79	25.82	25.96
		1	36	28.04	28.13	27.95	24.31	24.24	24.34	28.12	28.12	28.03	25.81	25.91	25.97
		1	37	24.62	24.69	24.60	21.00	20.74	20.95	24.69	24.61	24.68	22.32	22.50	22.31
		18	9	28.69	28.68	28.45	24.97	24.91	24.77	28.47	28.54	28.50	26.29	26.36	26.42
		36	0	27.44	27.63	27.45	23.83	23.76	23.73	27.61	27.60	27.61	25.43	25.46	25.44
	16QAM	1	0	24.55	24.69	24.52	20.87	20.97	20.78	24.41	24.52	24.63	22.31	22.39	22.45
		1	1	26.99	27.15	27.15	23.24	23.44	23.27	26.99	27.06	27.15	24.90	24.97	24.92
		1	36	27.17	27.05	27.14	23.47	23.41	23.27	26.92	27.19	26.91	24.70	24.93	24.97
		1	37	24.65	24.57	24.62	20.99	20.93	21.00	24.50	24.61	24.40	22.49	22.42	22.24
		18	9	27.51	27.56	27.59	23.81	23.91	23.91	27.50	27.44	27.42	25.34	25.48	25.46
		36	0	26.69	26.69	26.63	22.87	22.98	22.93	26.48	26.41	26.52	24.34	24.46	24.41
	64QAM	1	0	24.50	24.52	24.65	20.96	20.95	20.99	24.59	24.62	24.56	22.32	22.43	22.33
		1	1	25.52	25.68	25.47	21.86	21.76	21.90	25.46	25.53	25.61	23.49	23.49	23.32
		1	36	25.61	25.63	25.44	21.81	21.91	21.70	25.68	25.50	25.43	23.22	23.27	23.26
		1	37	24.51	24.51	24.44	20.83	20.80	20.70	24.61	24.69	24.64	22.32	22.47	22.27
		18	9	26.12	26.13	26.20	22.44	22.43	22.50	26.13	26.19	26.13	23.97	23.91	23.90
		36	0	26.02	26.20	26.13	22.32	22.42	22.34	26.09	25.96	26.08	24.00	23.94	23.84
	256QAM	1	0	23.43	23.45	23.53	19.75	19.92	19.74	23.56	23.63	23.44	21.38	21.43	21.46
		1	1	23.63	23.53	23.66	19.85	19.80	19.92	23.55	23.45	23.52	21.49	21.34	21.45
		1	36	23.46	23.54	23.50	19.89	19.73	19.81	23.50	23.47	23.70	21.45	21.46	21.24
		1	37	23.61	23.50	23.47	19.71	19.71	19.85	23.48	23.40	23.67	21.42	21.41	21.48
		18	9	24.12	24.12	24.13	20.43	20.42	20.49	24.11	24.18	24.11	22.00	21.97	21.95
		36	0	24.05	23.93	24.04	20.20	20.30	20.49	24.16	24.04	24.04	21.92	21.78	21.81

OUTPUT POWER FOR 5G NR n77 (20.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 9			ANT 4			ANT 7			ANT 8		
				630666	633332	635998	630666	633332	635998	630666	633332	635998	630666	633332	635998
20.0	BPSK	1	0	3460.0	3500.0	3540.0	3460.0	3500.0	3540.0	3460.0	3500.0	3540.0	3460.0	3500.0	3540.0
		1	1	24.40	24.64	24.65	20.75	20.75	20.94	24.63	24.69	24.51	22.49	22.32	22.46
		1	1	28.04	27.95	27.92	24.33	24.43	24.38	28.11	28.20	28.06	25.76	25.78	25.86
		1	49	28.18	28.16	28.17	24.42	24.27	24.29	28.07	27.92	28.05	25.81	25.82	25.76
		1	50	24.55	24.69	24.53	20.94	20.87	20.78	24.45	24.49	24.67	22.25	22.30	22.28
		25	12	28.70	28.70	28.70	25.00	25.00	25.00	28.70	28.70	28.70	26.50	26.50	26.50
	QPSK	50	0	28.03	28.15	28.03	24.45	24.27	24.46	28.16	28.01	28.09	25.73	25.91	25.80
		1	0	24.54	24.58	24.52	20.96	20.73	20.94	24.57	24.54	24.69	22.48	22.29	22.23
		1	1	28.06	28.03	28.15	24.20	24.37	24.48	28.16	27.99	28.18	25.75	25.74	25.98
		1	49	27.94	27.94	28.16	24.42	24.22	24.36	28.02	27.92	28.10	25.83	25.90	25.70
		1	50	24.56	24.46	24.61	20.94	20.71	20.96	24.69	24.45	24.55	22.35	22.35	22.29
		25	12	28.51	28.49	28.65	24.98	24.78	24.91	28.69	28.51	28.66	26.38	26.22	26.36
	16QAM	50	0	27.48	27.70	27.52	23.78	23.80	24.00	27.56	27.70	27.45	25.22	25.41	25.34
		1	0	24.56	24.60	24.42	20.90	20.81	20.86	24.52	24.64	24.69	22.46	22.50	22.49
		1	1	26.95	27.15	27.00	23.45	23.28	23.47	27.06	27.08	27.01	24.77	24.98	24.77
		1	49	27.09	27.06	27.08	23.43	23.38	23.29	27.10	26.92	27.05	24.89	24.90	24.75
		1	50	24.49	24.54	24.67	20.98	20.78	20.79	24.70	24.54	24.58	22.49	22.32	22.25
		25	12	27.56	27.46	27.61	23.84	23.92	23.81	27.63	27.64	27.63	25.49	25.27	25.43
	64QAM	50	0	26.45	26.51	26.67	22.72	22.89	22.94	26.52	26.52	26.68	24.32	24.26	24.22
		1	0	24.66	24.50	24.41	20.84	20.89	20.94	24.48	24.67	24.54	22.21	22.20	22.32
		1	1	25.44	25.52	25.65	21.79	21.91	21.78	25.56	25.54	25.48	23.36	23.43	23.33
		1	49	25.56	25.46	25.45	21.84	21.97	21.91	25.56	25.40	25.50	23.40	23.43	23.50
		1	50	24.58	24.60	24.43	20.93	20.93	21.00	24.46	24.61	24.70	22.42	22.28	22.48
		25	12	26.15	26.13	26.10	22.46	22.40	22.40	26.17	26.18	26.15	23.92	23.92	23.90
	256QAM	50	0	26.18	26.18	25.94	22.21	22.27	22.37	26.10	26.02	26.11	23.88	23.90	23.70
		1	0	23.43	23.69	23.51	19.71	19.82	19.73	23.64	23.65	23.68	21.25	21.25	21.47
		1	1	23.69	23.55	23.56	19.91	19.72	19.94	23.41	23.40	23.67	21.35	21.38	21.35
		1	49	23.48	23.66	23.48	19.91	19.90	19.94	23.63	23.40	23.60	21.39	21.36	21.48
		1	50	23.49	23.56	23.58	19.82	19.96	19.90	23.43	23.53	23.67	21.39	21.38	21.43
		25	12	24.19	24.12	24.11	20.42	20.40	20.48	24.19	24.11	24.17	21.93	21.95	21.97
		50	0	24.19	23.95	24.14	20.31	20.35	20.33	24.10	24.03	23.96	21.88	21.96	21.92

OUTPUT POWER FOR 5G NR n77 (30.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 9			ANT 4			ANT 7			ANT 8		
				631000	633332	635666	631000	633332	635666	631000	633332	635666	631000	633332	635666
30.0	BPSK	1	0	3465.0	3500.0	3535.0	3465.0	3500.0	3535.0	3465.0	3500.0	3535.0	3465.0	3500.0	3535.0
		1	1	24.52	24.44	24.58	20.85	20.80	20.87	24.41	24.66	24.64	22.44	22.38	22.40
		1	1	28.03	28.02	27.99	24.20	24.39	24.32	28.16	28.14	28.08	25.91	25.70	26.00
		1	76	28.05	28.18	28.17	24.37	24.40	24.41	28.20	28.03	28.10	25.76	25.83	25.84
		1	77	24.58	24.51	24.51	20.85	20.85	20.73	24.44	24.67	24.64	22.46	22.28	22.37
		36	18	28.70	28.70	28.70	25.00	25.00	25.00	28.70	28.70	28.70	26.50	26.50	26.50
	QPSK	75	0	28.20	28.09	28.07	24.41	24.44	24.39	28.03	28.03	28.11	25.72	25.95	25.95
		1	0	24.57	24.48	24.45	20.92	20.79	20.75	24.61	24.53	24.68	22.30	22.42	22.21
		1	1	28.00	27.93	28.05	24.21	24.45	24.28	28.07	28.09	28.06	25.91	25.98	25.92
		1	76	27.98	28.04	28.14	24.28	24.31	24.23	27.90	27.95	27.92	25.71	25.81	25.87
		1	77	24.52	24.46	24.50	20.70	20.83	20.72	24.64	24.66	24.42	22.33	22.30	22.26
		36	18	28.56	28.68	28.48	24.87	24.79	24.94	28.61	28.69	28.63	26.50	26.38	26.44
	16QAM	75	0	27.49	27.50	27.53	23.81	23.73	23.95	27.68	27.63	27.63	25.26	25.42	25.23
		1	0	24.47	24.40	24.66	20.72	20.78	20.85	24.68	24.40	24.65	22.38	22.36	22.25
		1	1	27.03	27.15	27.19	23.39	23.44	23.20	26.95	26.96	26.96	24.77	24.90	24.89
		1	76	27.02	27.12	26.90	23.50	23.50	23.21	27.20	27.05	27.05	24.91	24.83	24.74
		1	77	24.54	24.65	24.57	20.91	20.70	20.90	24.59	24.45	24.42	22.48	22.26	22.47
		36	18	27.46	27.42	27.53	23.86	23.77	23.74	27.64	27.42	27.51	25.28	25.30	25.25
	64QAM	75	0	26.62	26.68	26.70	22.98	22.97	22.75	26.70	26.69	26.66	24.33	24.34	24.41
		1	0	24.48	24.57	24.55	20.97	20.74	20.78	24.63	24.66	24.56	22.31	22.45	22.50
		1	1	25.69	25.41	25.41	21.77	21.94	21.82	25.62	25.55	25.43	23.37	23.32	23.21
		1	76	25.65	25.45	25.65	21.97	21.73	21.73	25.68	25.41	25.51	23.50	23.25	23.25
		1	77	24.52	24.70	24.62	20.79	20.79	20.90	24.42	24.42	24.46	22.42	22.23	22.25
		36	18	26.18	26.19	26.13	22.43	22.41	22.47	26.12	26.20	26.16	23.91	23.92	23.93
	256QAM	75	0	25.95	26.11	26.20	22.20	22.25	22.38	26.18	25.97	26.18	23.79	23.78	23.76
		1	0	23.55	23.56	23.48	19.82	19.96	19.94	23.48	23.62	23.47	21.26	21.26	21.28
		1	1	23.45	23.44	23.55	19.96	19.88	19.70	23.54	23.44	23.48	21.35	21.38	21.22
		1	76	23.42	23.53	23.55	19.94	19.96	19.94	23.61	23.64	23.49	21.33	21.45	21.20
		1	77	23.52	23.48	23.62	19.71	19.71	19.87	23.68	23.48	23.59	21.41	21.32	21.49
		36	18	24.11	24.12	24.17	20.48	20.45	20.50	24.19	24.17	24.10	21.99	21.93	21.93
		75	0	23.95	24.12	24.20	20.21	20.20	20.24	24.16	23.98	24.03	21.74	21.93	21.73

OUTPUT POWER FOR 5G NR n77 (40.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 9			ANT 4			ANT 7			ANT 8		
				631332	633332	635332	631332	633332	635332	631332	633332	635332	631332	633332	635332
40.0	BPSK	1	0	3470.0	3500.0	3530.0	3470.0	3500.0	3530.0	3470.0	3500.0	3530.0	3470.0	3500.0	3530.0
		1	1	24.67	24.62	24.53	20.77	20.98	20.73	24.40	24.63	24.49	22.33	22.24	22.36
		1	1	27.93	27.98	28.14	24.40	24.23	24.37	27.91	28.16	28.08	25.81	25.70	25.99
		1	104	27.99	28.08	28.13	24.35	24.24	24.23	27.96	28.17	27.98	25.74	25.79	25.89
		1	105	24.40	24.64	24.41	20.90	20.83	20.93	24.61	24.60	24.51	22.28	22.47	22.45
		50	25	28.70	28.70	28.70	25.00	25.00	25.00	28.70	28.70	28.70	26.50	26.50	26.50
	QPSK	100	0	28.01	28.07	27.93	24.33	24.31	24.26	28.01	28.07	27.92	25.74	25.80	25.84
		1	0	24.66	24.67	24.40	20.99	20.72	20.76	24.68	24.67	24.69	22.42	22.38	22.43
		1	1	28.00	28.19	27.97	24.39	24.28	24.26	27.95	28.04	28.13	25.77	25.87	25.94
		1	104	27.90	28.19	28.05	24.41	24.27	24.30	28.11	27.98	28.06	25.70	25.85	25.84
		1	105	24.48	24.61	24.64	20.79	20.96	20.71	24.60	24.69	24.52	22.28	22.24	22.38
		50	25	28.41	28.44	28.50	24.93	24.94	24.73	28.42	28.48	28.44	26.38	26.29	26.45
	16QAM	100	0	27.53	27.59	27.44	23.70	23.78	23.79	27.66	27.41	27.60	25.34	25.36	25.26
		1	0	24.57	24.47	24.54	20.72	20.97	20.87	24.67	24.56	24.55	22.45	22.44	22.31
		1	1	26.96	26.90	27.06	23.27	23.41	23.27	27.12	27.03	26.96	24.85	24.82	25.00
		1	104	26.95	27.12	27.13	23.41	23.35	23.46	27.12	27.13	27.11	24.81	24.70	24.86
		1	105	24.66	24.47	24.64	21.00	20.71	20.92	24.69	24.40	24.43	22.25	22.33	22.48
		50	25	27.58	27.60	27.55	24.00	23.80	23.88	27.70	27.41	27.50	25.32	25.31	25.49
	64QAM	100	0	26.64	26.58	26.56	22.91	22.74	22.72	26.67	26.69	26.44	24.38	24.22	24.35
		1	0	24.68	24.66	24.63	20.70	20.95	20.70	24.54	24.62	24.62	22.37	22.47	22.34
		1	1	25.40	25.45	25.53	21.70	21.76	21.81	25.58	25.51	25.63	23.47	23.33	23.34
		1	104	25.51	25.61	25.54	21.99	21.82	21.75	25.66	25.48	25.53	23.33	23.44	23.47
		1	105	24.69	24.54	24.42	20.79	20.98	20.74	24.49	24.44	24.68	22.26	22.32	22.43
		50	25	26.10	26.15	26.11	22.46	22.40	22.40	26.12	26.16	26.17	23.99	23.95	23.91
	256QAM	100	0	25.95	26.19	25.99	22.47	22.26	22.37	26.19	26.00	26.14	23.91	23.86	23.83
		1	0	23.51	23.43	23.63	19.88	19.93	19.75	23.54	23.52	23.68	21.36	21.47	21.26
		1	1	23.43	23.59	23.59	19.73	19.87	20.00	23.46	23.51	23.69	21.40	21.23	21.20
		1	104	23.51	23.55	23.59	20.00	19.78	19.88	23.44	23.67	23.52	21.30	21.28	21.35
		1	105	23.69	23.61	23.60	19.74	19.75	19.71	23.49	23.63	23.50	21.50	21.37	21.41
		50	25	24.18	24.11	24.19	20.48	20.43	20.40	24.14	24.13	24.17	21.98	21.91	21.96
		100	0	23.94	24.17	23.99	20.31	20.30	20.30	24.14	23.98	23.90	21.83	21.96	21.97

OUTPUT POWER FOR 5G NR n77 (50.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 9			ANT 4			ANT 7			ANT 8		
				631666	633332	634998	631666	633332	634998	631666	633332	634998	631666	633332	634998
50.0	BPSK	1	0	3475.0	3500.0	3525.0	3475.0	3500.0	3525.0	3475.0	3500.0	3525.0	3475.0	3500.0	3525.0
		1	1	24.46	24.58	24.40	20.94	20.79	20.92	24.61	24.63	24.50	22.20	22.36	22.22
		1	1	27.91	28.08	28.13	24.39	24.50	24.22	28.06	28.04	28.08	25.97	25.95	25.72
		1	131	28.19	28.07	27.96	24.45	24.45	24.37	28.16	28.06	28.18	25.89	25.96	25.94
		1	132	24.48	24.56	24.63	20.78	20.95	20.99	24.55	24.46	24.48	22.23	22.47	22.33
		64	32	28.70	28.70	28.70	25.00	25.00	25.00	28.70	28.70	28.70	26.50	26.50	26.50
	QPSK	128	0	27.94	28.17	27.97	24.22	24.25	24.44	27.99	28.00	27.90	25.88	25.90	25.84
		1	0	24.43	24.46	24.58	20.74	20.96	20.85	24.44	24.47	24.64	22.25	22.31	22.46
		1	1	28.10	28.00	28.06	24.29	24.28	24.32	27.97	28.20	28.02	25.99	25.91	25.84
		1	131	27.96	27.91	28.04	24.23	24.46	24.40	28.09	27.93	28.11	25.92	25.88	25.73
		1	132	24.65	24.61	24.66	20.74	20.87	20.95	24.57	24.51	24.58	22.22	22.28	22.36
		64	32	28.45	28.45	28.60	24.71	24.86	24.91	28.61	28.64	28.58	26.27	26.30	26.39
	16QAM	128	0	27.61	27.63	27.40	23.95	23.71	23.71	27.47	27.69	27.55	25.20	25.41	25.44
		1	0	24.45	24.57	24.64	20.88	20.83	20.70	24.56	24.70	24.45	22.32	22.41	22.46
		1	1	27.11	26.90	26.93	23.34	23.25	23.45	27.20	27.16	27.10	24.87	24.81	24.76
		1	131	27.17	27.05	26.92	23.21	23.25	23.48	27.19	27.11	27.16	24.91	24.98	24.90
		1	132	24.60	24.55	24.62	20.95	20.72	20.73	24.56	24.63	24.60	22.28	22.24	22.34
		64	32	27.56	27.47	27.62	23.91	23.83	23.99	27.42	27.69	27.69	25.20	25.28	25.23
	64QAM	128	0	26.51	26.64	26.60	23.00	22.91	22.73	26.67	26.59	26.60	24.26	24.21	24.46
		1	0	24.65	24.48	24.67	20.78	20.70	20.87	24.43	24.45	24.63	22.24	22.30	22.29
		1	1	25.60	25.65	25.66	21.89	21.83	21.86	25.47	25.67	25.47	23.25	23.33	23.22
		1	131	25.55	25.60	25.61	21.75	21.94	21.70	25.68	25.65	25.43	23.27	23.31	23.34
		1	132	24.64	24.63	24.65	20.97	20.74	21.00	24.45	24.56	24.66	22.47	22.49	22.38
		64	32	26.20	26.10	26.16	22.48	22.43	22.45	26.10	26.18	26.17	23.96	23.93	23.94
	256QAM	128	0	25.90	25.96	26.17	22.47	22.41	22.31	25.90	26.20	25.98	23.98	23.83	23.72
		1	0	23.40	23.41	23.44	19.96	19.70	19.98	23.66	23.58	23.59	21.28	21.45	21.38
		1	1	23.43	23.57	23.56	19.80	19.73	19.89	23.47	23.48	23.69	21.37	21.38	21.41
		1	131	23.65	23.47	23.68	19.99	19.73	19.99	23.44	23.48	23.67	21.25	21.20	21.21
		1	132	23.62	23.70	23.51	19.97	19.90	19.95	23.67	23.46	23.57	21.49	21.40	21.50
		64	32	24.15	24.13	24.11	20.49	20.43	20.50	24.17	24.16	24.17	21.90	21.91	21.96
		128	0	23.99	24.08	24.08	20.23	20.42	20.38	24.00	24.11	24.09	21.73	21.72	21.76

OUTPUT POWER FOR 5G NR n77 (60.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 9			ANT 4			ANT 7			ANT 8		
				632000	633332	634666	632000	633332	634666	632000	633332	634666	632000	633332	634666
60.0	BPSK	1	0	24.55	24.64	24.63	20.80	20.78	20.83	24.50	24.55	24.60	22.38	22.28	22.40
		1	1	27.91	27.95	28.01	24.30	24.50	24.37	27.99	27.91	27.93	25.99	25.75	26.00
		1	160	28.19	28.15	28.02	24.23	24.34	24.49	28.13	28.16	27.90	25.95	25.93	25.87
		1	161	24.45	24.41	24.54	20.99	20.92	20.78	24.62	24.45	24.59	22.21	22.33	22.27
		81	40	28.70	28.70	28.70	25.00	25.00	25.00	28.70	28.70	28.70	26.50	26.50	26.50
		162	0	28.08	28.13	28.17	24.37	24.45	24.21	28.12	27.99	27.94	25.72	25.76	25.97
	QPSK	1	0	24.47	24.60	24.65	20.99	20.95	20.74	24.48	24.52	24.58	22.49	22.41	22.47
		1	1	27.91	27.93	27.99	24.30	24.45	24.42	28.13	28.07	28.10	25.70	25.76	25.81
		1	160	28.09	28.12	27.97	24.25	24.44	24.41	28.14	28.13	27.90	25.94	25.84	25.73
		1	161	24.47	24.51	24.69	20.78	20.74	20.71	24.45	24.53	24.65	22.33	22.47	22.45
		81	40	28.64	28.56	28.65	24.77	24.82	24.95	28.53	28.41	28.47	26.36	26.34	26.41
		162	0	27.58	27.46	27.62	23.93	23.86	23.72	27.62	27.67	27.46	25.36	25.44	25.44
	16QAM	1	0	24.57	24.61	24.64	20.95	20.91	20.83	24.59	24.62	24.53	22.37	22.46	22.34
		1	1	27.01	27.04	27.07	23.21	23.28	23.31	27.07	27.14	26.92	24.72	25.00	24.83
		1	160	27.06	27.00	27.08	23.31	23.24	23.40	26.96	26.97	26.93	24.80	24.84	24.74
		1	161	24.49	24.49	24.55	20.75	20.74	20.75	24.70	24.40	24.49	22.31	22.20	22.50
		81	40	27.49	27.66	27.60	23.77	23.82	23.76	27.47	27.52	27.43	25.39	25.37	25.41
		162	0	26.56	26.64	26.53	22.83	22.78	22.97	26.62	26.59	26.40	24.24	24.37	24.24
	64QAM	1	0	24.45	24.68	24.57	20.93	20.93	20.77	24.41	24.63	24.46	22.30	22.41	22.30
		1	1	25.40	25.40	25.69	21.77	21.94	21.81	25.69	25.43	25.58	23.34	23.39	23.41
		1	160	25.62	25.65	25.66	21.77	21.90	21.80	25.40	25.55	25.50	23.20	23.45	23.44
		1	161	24.59	24.40	24.42	20.74	20.87	21.00	24.67	24.68	24.51	22.24	22.43	22.43
		81	40	26.15	26.10	26.16	22.44	22.41	22.41	26.12	26.20	26.10	23.97	23.94	23.95
		162	0	25.96	25.93	26.11	22.36	22.45	22.45	26.11	25.92	25.90	23.93	23.89	23.85
	256QAM	1	0	23.47	23.53	23.68	19.75	19.99	19.76	23.55	23.47	23.60	21.37	21.35	21.38
		1	1	23.70	23.45	23.67	19.83	19.73	20.00	23.50	23.52	23.66	21.28	21.45	21.48
		1	160	23.59	23.69	23.52	19.85	19.99	19.93	23.54	23.51	23.45	21.27	21.23	21.50
		1	161	23.61	23.61	23.67	19.87	19.92	19.78	23.40	23.53	23.58	21.35	21.26	21.49
		81	40	24.20	24.11	24.15	20.48	20.44	20.48	24.18	24.16	24.18	21.90	21.92	21.91
		162	0	24.02	24.03	23.92	20.44	20.29	20.38	24.03	23.93	23.90	21.92	21.79	21.90

OUTPUT POWER FOR 5G NR n77 (70.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 9			ANT 4			ANT 7			ANT 8		
				632333	633332	634333	632333	633332	634333	632333	633332	634333	632333	633332	634333
70.0	BPSK	1	0	24.64	24.51	24.68	20.95	20.88	20.82	24.44	24.52	24.65	22.42	22.40	22.45
		1	1	28.11	27.90	28.07	24.30	24.27	24.43	27.93	28.20	27.97	25.89	25.87	26.00
		1	187	28.04	28.17	28.05	24.49	24.23	24.29	28.00	28.03	28.06	25.83	25.96	25.71
		1	188	24.43	24.64	24.60	20.85	20.78	20.85	24.64	24.45	24.68	22.47	22.49	22.35
		90	45	28.70	28.70	28.70	25.00	25.00	25.00	28.70	28.70	28.70	26.50	26.50	26.50
		180	0	27.97	28.17	28.16	24.43	24.43	24.38	27.98	28.10	28.20	25.92	25.91	25.83
	QPSK	1	0	24.70	24.67	24.53	20.87	20.85	20.72	24.48	24.58	24.41	22.20	22.26	22.25
		1	1	27.98	28.18	28.12	24.45	24.23	24.48	28.03	28.16	28.01	25.92	25.78	25.96
		1	187	27.92	28.17	28.01	24.39	24.28	24.30	27.99	28.10	27.95	25.79	25.87	25.93
		1	188	24.60	24.60	24.64	20.99	20.85	20.87	24.60	24.45	24.45	22.28	22.22	22.23
		90	45	28.70	28.47	28.54	24.71	24.95	24.78	28.61	28.47	28.64	26.31	26.46	26.50
		180	0	27.68	27.62	27.64	23.90	23.96	23.72	27.52	27.69	27.56	25.33	25.37	25.24
	16QAM	1	0	24.40	24.61	24.65	20.78	20.89	21.00	24.64	24.41	24.60	22.27	22.23	22.50
		1	1	27.16	27.01	27.04	23.42	23.34	23.47	26.94	27.19	27.00	24.86	24.76	24.90
		1	187	27.18	27.07	27.01	23.39	23.47	23.40	27.07	27.14	27.17	24.79	24.73	24.71
		1	188	24.47	24.52	24.59	20.85	20.83	20.89	24.46	24.46	24.63	22.22	22.27	22.21
		90	45	27.66	27.66	27.64	23.81	23.90	23.99	27.62	27.63	27.55	25.31	25.37	25.38
		180	0	26.54	26.43	26.64	22.79	22.94	22.78	26.52	26.53	26.57	24.47	24.33	24.39
	64QAM	1	0	24.69	24.49	24.48	20.88	20.94	20.70	24.64	24.65	24.53	22.23	22.46	22.31
		1	1	25.51	25.66	25.42	21.94	21.74	21.78	25.52	25.63	25.51	23.24	23.47	23.26
		1	187	25.49	25.48	25.53	22.00	21.83	21.85	25.68	25.43	25.40	23.31	23.45	23.38
		1	188	24.52	24.62	24.49	20.80	20.79	20.85	24.60	24.57	24.68	22.48	22.27	22.48
		90	45	26.15	26.19	26.11	22.47	22.41	22.50	26.19	26.18	26.10	24.00	23.96	23.98
		180	0	26.13	26.14	26.13	22.48	22.26	22.20	26.18	26.13	26.03	23.97	23.98	23.83
	256QAM	1	0	23.55	23.42	23.66	19.70	19.90	19.73	23.63	23.43	23.60	21.37	21.43	21.20
		1	1	23.53	23.47	23.58	19.98	19.85	19.74	23.54	23.64	23.62	21.35	21.40	21.23
		1	187	23.46	23.43	23.52	19.81	19.73	19.87	23.60	23.67	23.43	21.49	21.24	21.47
		1	188	23.43	23.42	23.61	19.81	19.80	19.99	23.55	23.66	23.52	21.34	21.45	21.49
		90	45	24.10	24.17	24.19	20.49	20.43	20.46	24.15	24.16	24.14	21.96	21.96	21.95
		180	0	24.13	24.17	24.11	20.40	20.33	20.40	24.14	23.97	24.18	21.75	21.90	21.84

OUTPUT POWER FOR 5G NR n77 (80.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 9			ANT 4			ANT 7			ANT 8		
				632666	633332	633998	632666	633332	633998	632666	633332	633998	632666	633332	633998
80.0	BPSK	1	0	24.48	24.64	24.64	20.80	20.83	20.96	24.66	24.52	24.47	22.39	22.34	22.37
		1	1	27.90	28.12	28.11	24.46	24.40	24.22	28.14	28.10	28.03	25.78	25.80	25.83
		1	215	28.18	28.13	27.96	24.47	24.38	24.25	28.14	27.99	28.12	25.93	25.97	25.84
		1	216	24.61	24.69	24.55	20.97	20.95	20.73	24.46	24.46	24.68	22.46	22.32	22.20
		108	54	28.70	28.70	28.70	25.00	25.00	25.00	28.70	28.70	28.70	26.50	26.50	26.50
		216	0	28.18	28.03	28.10	24.34	24.45	24.50	28.06	27.91	28.16	25.97	25.84	25.92
	QPSK	1	0	24.42	24.47	24.48	20.79	20.75	20.80	24.61	24.42	24.59	22.49	22.48	22.26
		1	1	28.09	28.12	28.12	24.30	24.27	24.21	28.05	28.17	27.97	25.74	25.83	25.91
		1	215	28.03	28.19	28.05	24.35	24.45	24.34	27.92	28.03	28.11	25.85	25.77	26.00
		1	216	24.55	24.59	24.47	20.88	20.83	20.73	24.69	24.57	24.50	22.25	22.37	22.37
		108	54	28.47	28.59	28.63	24.70	24.91	24.84	28.48	28.41	28.50	26.20	26.36	26.39
		216	0	27.68	27.47	27.58	23.90	23.70	23.70	27.66	27.48	27.68	25.45	25.23	25.26
	16QAM	1	0	24.40	24.41	24.48	20.70	20.71	20.83	24.68	24.57	24.48	22.28	22.25	22.24
		1	1	26.92	27.01	27.09	23.23	23.48	23.40	26.92	27.12	27.10	24.94	24.99	24.76
		1	215	27.00	27.02	27.01	23.44	23.25	23.46	27.19	27.19	26.98	24.99	24.83	24.71
		1	216	24.56	24.65	24.46	20.72	20.93	20.71	24.64	24.55	24.58	22.28	22.47	22.43
		108	54	27.61	27.42	27.40	23.85	23.79	23.75	27.64	27.70	27.67	25.23	25.38	25.40
		216	0	26.47	26.65	26.51	22.72	22.92	22.82	26.54	26.57	26.58	24.23	24.47	24.33
	64QAM	1	0	24.61	24.45	24.70	20.87	20.70	20.80	24.55	24.52	24.62	22.25	22.47	22.23
		1	1	25.66	25.65	25.48	21.72	22.00	21.92	25.58	25.41	25.61	23.26	23.30	23.44
		1	215	25.56	25.56	25.65	21.82	21.72	21.96	25.52	25.65	25.67	23.30	23.29	23.22
		1	216	24.68	24.63	24.52	20.78	20.94	20.75	24.62	24.43	24.41	22.44	22.42	22.24
		108	54	26.12	26.20	26.16	22.45	22.48	22.47	26.10	26.19	26.11	23.96	23.91	23.93
		216	0	26.09	26.05	26.11	22.41	22.23	22.42	25.94	26.13	26.16	23.93	23.79	23.73
	256QAM	1	0	23.58	23.40	23.58	19.96	19.90	19.80	23.45	23.42	23.54	21.37	21.28	21.39
		1	1	23.51	23.43	23.66	19.91	19.88	19.88	23.66	23.64	23.44	21.48	21.47	21.25
		1	215	23.64	23.65	23.56	19.77	19.90	19.98	23.62	23.54	23.52	21.39	21.40	21.30
		1	216	23.61	23.56	23.51	19.95	19.83	19.72	23.53	23.66	23.70	21.37	21.32	21.31
		108	54	24.14	24.13	24.10	20.42	20.48	20.48	24.17	24.16	24.10	21.91	21.95	21.99
		216	0	24.04	24.05	23.93	20.49	20.37	20.20	23.92	23.93	23.93	21.77	21.70	21.71

OUTPUT POWER FOR 5G NR n77 (90.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 9			ANT 4			ANT 7			ANT 8		
				633000	633332	633666	633000	633332	633666	633000	633332	633666	633000	633332	633666
90.0	BPSK	1	0	24.64	24.42	24.49	20.94	20.73	20.95	24.65	24.60	24.51	22.41	22.48	22.35
		1	1	28.04	27.90	28.20	24.32	24.44	24.47	28.11	27.92	28.03	25.74	25.85	25.94
		1	243	28.07	28.08	28.02	24.31	24.48	24.42	28.15	28.12	28.01	25.74	25.98	25.90
		1	244	24.51	24.55	24.46	20.89	20.77	20.77	24.59	24.54	24.61	22.20	22.38	22.22
		120	60	28.70	28.70	28.70	25.00	25.00	25.00	28.70	28.70	28.70	26.50	26.50	26.50
		243	0	28.13	28.13	28.20	24.42	24.38	24.22	28.02	28.19	27.91	25.87	25.92	25.88
	QPSK	1	0	24.45	24.58	24.40	20.97	20.95	20.77	24.65	24.61	24.62	22.34	22.36	22.31
		1	1	27.91	27.96	28.12	24.31	24.43	24.21	28.18	27.99	28.01	25.95	25.82	25.70
		1	243	27.91	28.13	27.97	24.49	24.36	24.40	28.15	27.99	28.03	25.84	25.97	25.87
		1	244	24.40	24.53	24.60	20.84	20.86	20.99	24.48	24.54	24.41	22.21	22.20	22.20
		120	60	28.43	28.54	28.45	24.86	24.79	24.74	28.47	28.65	28.62	26.25	26.23	26.34
		243	0	27.42	27.47	27.50	23.89	23.93	23.93	27.65	27.56	27.53	25.21	25.47	25.26
	16QAM	1	0	24.61	24.52	24.57	20.90	20.93	20.91	24.56	24.44	24.53	22.24	22.22	22.42
		1	1	27.11	27.09	27.02	23.48	23.35	23.20	27.09	26.95	27.09	24.75	24.77	24.77
		1	243	27.20	27.05	27.13	23.48	23.28	23.33	26.95	26.99	26.92	24.75	24.96	24.93
		1	244	24.50	24.60	24.43	20.94	20.90	20.91	24.40	24.49	24.47	22.24	22.21	22.44
		120	60	27.65	27.55	27.49	23.95	23.85	23.74	27.45	27.54	27.68	25.35	25.33	25.29
		243	0	26.61	26.68	26.51	22.75	22.70	22.87	26.59	26.40	26.65	24.26	24.45	24.31
	64QAM	1	0	24.52	24.40	24.52	20.91	20.91	20.77	24.46	24.53	24.44	22.48	22.46	22.39
		1	1	25.70	25.58	25.54	21.83	21.88	21.72	25.54	25.41	25.68	23.20	23.26	23.34
		1	243	25.46	25.60	25.56	21.88	21.89	21.85	25.67	25.49	25.49	23.24	23.37	23.39
		1	244	24.40	24.47	24.41	20.76	20.72	20.77	24.48	24.55	24.47	22.41	22.38	22.31
		120	60	26.10	26.10	26.12	22.49	22.43	22.42	26.14	26.16	26.15	23.98	23.96	23.92
		243	0	25.96	26.09	26.05	22.29	22.24	22.23	26.10	25.97	26.07	23.82	23.91	23.81
	256QAM	1	0	23.53	23.70	23.41	19.78	19.75	19.91	23.66	23.68	23.44	21.42	21.34	21.36
		1	1	23.58	23.40	23.48	19.94	19.77	19.75	23.56	23.52	23.50	21.36	21.48	21.25
		1	243	23.41	23.46	23.42	19.83	19.73	19.82	23.59	23.53	23.56	21.38	21.45	21.41
		1	244	23.59	23.68	23.59	19.72	19.88	19.81	23.53	23.69	23.57	21.23	21.38	21.50
		120	60	24.16	24.10	24.10	20.45	20.48	20.48	24.20	24.13	24.13	21.95	21.93	21.90
		243	0	24.20	24.19	24.11	20.46	20.21	20.46	23.97	24.15	23.96	21.73	21.71	21.92

OUTPUT POWER FOR 5G NR n77 (100.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 9			ANT 4			ANT 7			ANT 8		
				N/A	633332	N/A	N/A	633332	N/A	N/A	633332	N/A	N/A	633332	N/A
100.0	BPSK	1	0		24.52			20.85			24.43			22.35	
		1	1		28.20			24.29			28.09			25.79	
		1	271		28.09			24.30			28.12			25.89	
		1	272		24.61			20.91			24.42			22.43	
		135	67		28.70			25.00			28.70			26.50	
		270	0		28.00			24.39			28.09			25.88	
	QPSK	1	0		24.46			20.85			24.62			22.30	
		1	1		28.13			24.26			27.92			25.77	
		1	271		28.03			24.33			27.91			25.98	
		1	272		24.59			20.82			24.42			22.43	
		135	67		28.70			24.86			28.48			26.39	
		270	0		27.55			23.78			27.58			25.49	
	16QAM	1	0		24.55			20.92			24.64			22.41	
		1	1		27.03			23.41			27.04			24.91	
		1	271		27.05			23.22			27.16			24.95	
		1	272		24.49			20.71			24.46			22.44	
		135	67		27.40			23.83			27.57			25.35	
		270	0		26.65			22.93			26.53			24.26	
	64QAM	1	0		24.51			20.77			24.56			22.36	
		1	1		25.52			21.91			25.45			23.32	
		1	271		25.64			21.92			25.65			23.33	
		1	272		24.44			20.84			24.70			22.27	
		135	67		26.10			22.45			26.13			23.94	
		270	0		26.12			22.42			25.94			23.88	
	256QAM	1	0		23.43			19.82			23.58			21.27	
		1	1		23.44			19.93			23.44			21.32	
		1	271		23.64			19.79			23.43			21.31	
		1	272		23.64			19.92			23.55			21.22	
		135	67		24.20			20.47			24.19			21.94	
		270	0		24.14			20.44			24.04			21.95	

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

Test Engineer ID:	106238	Test Date:	2024-08-01
-------------------	--------	------------	------------

OUTPUT POWER FOR 5G NR n77 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 9			ANT 4			ANT 7			ANT 8		
				647000	656000	665000	647000	656000	665000	647000	656000	665000	647000	656000	665000
10.0	BPSK	1	0	24.51	24.53	24.40	20.87	20.91	20.93	24.70	24.47	24.44	22.45	22.44	22.48
		1	1	28.01	27.99	28.20	24.23	24.37	24.28	28.08	27.97	28.07	25.75	25.76	25.76
		1	22	27.95	27.91	28.00	24.25	24.44	24.49	27.96	27.93	28.00	25.87	25.99	25.89
		1	23	24.64	24.57	24.43	20.97	20.82	20.71	24.49	24.55	24.51	22.37	22.20	22.44
		12	6	28.70	28.70	28.70	25.00	25.00	25.00	28.70	28.70	28.70	26.50	26.50	26.50
		24	0	27.96	28.17	28.20	24.36	24.40	24.28	28.15	28.00	27.90	25.85	25.78	25.84
	QPSK	1	0	24.61	24.46	24.49	20.96	20.95	20.83	24.48	24.42	24.52	22.39	22.36	22.20
		1	1	28.00	28.16	28.15	24.29	24.46	24.49	27.95	28.02	28.19	25.93	25.99	25.88
		1	22	28.15	28.15	28.19	24.34	24.27	24.35	28.20	28.03	27.91	25.71	25.88	25.71
		1	23	24.55	24.67	24.68	20.76	20.79	20.92	24.55	24.55	24.63	22.32	22.26	22.28
		12	6	28.48	28.51	28.46	24.74	24.70	24.96	28.60	28.62	28.46	26.24	26.28	26.44
		24	0	27.43	27.64	27.41	23.92	23.76	23.72	27.70	27.53	27.48	25.34	25.21	25.49
	16QAM	1	0	24.54	24.64	24.40	20.79	20.76	20.86	24.52	24.45	24.60	22.24	22.33	22.42
		1	1	27.13	26.94	27.01	23.45	23.22	23.25	27.10	27.19	27.07	24.87	24.76	24.84
		1	22	27.13	27.15	27.02	23.43	23.32	23.21	27.11	27.06	26.91	24.87	24.97	24.79
		1	23	24.59	24.46	24.58	20.88	20.99	20.75	24.55	24.51	24.62	22.37	22.26	22.34
		12	6	27.65	27.40	27.46	23.86	23.93	23.71	27.58	27.43	27.46	25.26	25.23	25.35
		24	0	26.47	26.55	26.42	22.92	22.84	22.93	26.51	26.54	26.60	24.26	24.29	24.26
	64QAM	1	0	24.62	24.62	24.45	20.89	20.85	20.86	24.53	24.65	24.62	22.49	22.40	22.33
		1	1	25.66	25.56	25.46	21.94	21.84	21.73	25.42	25.51	25.41	23.49	23.46	23.20
		1	22	25.53	25.41	25.55	21.99	21.93	21.80	25.57	25.57	25.66	23.38	23.31	23.42
		1	23	24.68	24.66	24.59	20.92	20.76	20.72	24.43	24.64	24.49	22.43	22.47	22.34
		12	6	26.18	26.17	26.19	22.42	22.46	22.46	26.17	26.12	26.14	23.97	24.00	23.99
		24	0	25.96	26.07	25.92	22.23	22.25	22.49	26.16	25.91	25.94	23.71	23.77	23.97
	256QAM	1	0	23.45	23.40	23.58	19.82	19.91	19.75	23.44	23.52	23.44	21.43	21.33	21.40
		1	1	23.60	23.53	23.42	19.70	19.84	19.83	23.65	23.41	23.61	21.45	21.20	21.32
		1	22	23.66	23.51	23.53	19.99	19.84	19.79	23.56	23.62	23.57	21.20	21.31	21.29
		1	23	23.69	23.61	23.61	19.78	19.96	19.87	23.69	23.43	23.64	21.42	21.29	21.28
		12	6	24.13	24.13	24.13	20.43	20.43	20.48	24.13	24.18	24.12	21.96	21.90	22.00
		24	0	23.98	24.12	23.98	20.29	20.26	20.29	24.10	23.94	24.05	21.86	21.84	21.87

OUTPUT POWER FOR 5G NR n77 (15.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 9			ANT 4			ANT 7			ANT 8		
				647166	656000	664833	647166	656000	664833	647166	656000	664833	647166	656000	664833
15.0	BPSK	1	0	24.66	24.68	24.57	21.00	20.89	20.84	24.63	24.56	24.57	22.28	22.21	22.43
		1	1	28.18	28.01	28.18	24.36	24.50	24.39	27.95	28.09	28.12	25.93	25.70	25.85
		1	36	28.02	28.17	28.07	24.46	24.48	24.36	28.18	27.98	28.04	25.98	25.87	25.95
		1	37	24.59	24.45	24.46	20.97	20.76	20.76	24.45	24.68	24.69	22.29	22.21	22.27
		18	9	28.70	28.70	28.70	25.00	25.00	25.00	28.70	28.70	28.70	26.50	26.50	26.50
		36	0	28.06	28.11	28.13	24.26	24.31	24.27	28.03	28.15	28.01	25.99	25.87	25.80
	QPSK	1	0	24.69	24.60	24.66	20.87	20.97	20.95	24.65	24.63	24.48	22.38	22.25	22.30
		1	1	28.11	28.20	28.00	24.30	24.34	24.35	28.10	28.19	28.09	25.71	25.88	25.83
		1	36	28.06	27.96	28.16	24.32	24.24	24.39	28.09	28.07	27.90	25.78	25.93	25.86
		1	37	24.56	24.42	24.57	20.76	20.70	20.93	24.59	24.59	24.70	22.23	22.43	22.35
		18	9	28.57	28.41	28.68	24.99	24.86	24.97	28.51	28.43	28.43	26.28	26.36	26.32
		36	0	27.44	27.58	27.69	23.75	23.99	23.84	27.40	27.50	27.40	25.23	25.45	25.43
	16QAM	1	0	24.54	24.49	24.63	20.93	20.76	21.00	24.65	24.51	24.56	22.23	22.50	22.31
		1	1	27.08	27.20	27.07	23.41	23.30	23.48	27.13	26.91	27.20	24.81	24.95	24.96
		1	36	27.18	27.02	27.17	23.34	23.27	23.21	27.15	27.03	27.08	24.82	24.95	25.00
		1	37	24.70	24.65	24.51	20.99	20.89	20.93	24.50	24.40	24.58	22.42	22.23	22.30
		18	9	27.43	27.45	27.52	23.74	23.86	23.91	27.42	27.69	27.63	25.42	25.38	25.23
		36	0	26.47	26.51	26.69	22.82	22.71	22.80	26.70	26.42	26.47	24.21	24.32	24.35
	64QAM	1	0	24.69	24.44	24.47	20.88	20.89	20.82	24.52	24.51	24.42	22.22	22.23	22.30
		1	1	25.64	25.50	25.58	21.91	21.99	21.97	25.69	25.45	25.63	23.41	23.39	23.32
		1	36	25.40	25.46	25.48	21.97	21.83	21.98	25.58	25.63	25.55	23.43	23.21	23.23
		1	37	24.47	24.47	24.63	20.86	20.79	20.89	24.56	24.52	24.58	22.27	22.42	22.39
		18	9	26.15	26.16	26.17	22.44	22.45	22.44	26.17	26.17	26.15	23.91	23.97	24.00
		36	0	26.03	25.92	26.14	22.46	22.26	22.36	26.03	25.91	26.07	23.79	23.96	23.96
	256QAM	1	0	23.48	23.52	23.48	20.00	19.98	19.72	23.67	23.55	23.57	21.30	21.22	21.22
		1	1	23.56	23.64	23.67	19.85	19.75	19.76	23.62	23.62	23.58	21.50	21.50	21.29
		1	36	23.60	23.43	23.60	19.87	19.82	19.97	23.65	23.65	23.44	21.25	21.25	21.27
		1	37	23.69	23.62	23.61	19.97	19.93	19.89	23.47	23.42	23.68	21.26	21.27	21.34
		18	9	24.14	24.15	24.13	20.44	20.50	20.44	24.12	24.13	24.14	21.97	21.93	21.96
		36	0	23.99	24.02	23.98	20.25	20.28	20.40	24.16	24.08	24.07	21.89	21.96	21.80

OUTPUT POWER FOR 5G NR n77 (20.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 9			ANT 4			ANT 7			ANT 8		
				647333	656000	664666	647333	656000	664666	647333	656000	664666	647333	656000	664666
20.0	BPSK	1	0	24.46	24.68	24.47	20.73	20.75	20.83	24.63	24.67	24.60	22.22	22.35	22.37
		1	1	27.96	27.95	28.17	24.39	24.37	24.21	28.15	28.03	27.92	25.98	25.81	25.91
		1	49	27.93	28.05	27.90	24.39	24.30	24.39	28.07	28.08	28.14	25.99	25.75	25.84
		1	50	24.66	24.48	24.61	20.75	20.78	20.70	24.63	24.57	24.65	22.33	22.46	22.23
		25	12	28.70	28.70	28.70	25.00	25.00	25.00	28.70	28.70	28.70	26.50	26.50	26.50
		50	0	28.00	28.19	28.19	24.44	24.24	24.44	28.18	28.18	27.97	25.89	25.90	25.71
	QPSK	1	0	24.70	24.69	24.56	20.73	20.76	21.00	24.52	24.58	24.49	22.36	22.35	22.48
		1	1	27.92	28.07	28.18	24.20	24.34	24.25	28.12	27.91	27.95	25.93	25.81	25.77
		1	49	28.17	28.05	28.12	24.28	24.26	24.37	27.92	28.20	28.17	25.79	25.83	25.98
		1	50	24.63	24.53	24.44	20.79	20.89	20.82	24.48	24.60	24.48	22.33	22.22	22.22
		25	12	28.50	28.54	28.60	24.94	24.71	24.86	28.50	28.61	28.52	26.24	26.38	26.46
		50	0	27.60	27.63	27.58	23.79	23.88	23.94	27.49	27.41	27.63	25.28	25.21	25.34
	16QAM	1	0	24.42	24.66	24.60	20.85	20.88	20.83	24.60	24.51	24.69	22.35	22.27	22.44
		1	1	27.06	27.01	26.92	23.34	23.21	23.32	27.15	27.00	26.96	24.85	24.93	25.00
		1	49	27.04	26.91	27.16	23.31	23.30	23.35	26.95	27.14	26.91	24.71	24.90	25.00
		1	50	24.52	24.44	24.62	20.86	20.73	20.84	24.48	24.59	24.68	22.45	22.34	22.32
		25	12	27.50	27.67	27.42	23.83	23.96	23.84	27.49	27.62	27.63	25.32	25.42	25.20
		50	0	26.43	26.61	26.61	22.99	22.85	22.74	26.58	26.60	26.64	24.29	24.36	24.45
	64QAM	1	0	24.43	24.46	24.67	20.81	20.82	20.71	24.42	24.61	24.50	22.29	22.21	22.34
		1	1	25.46	25.54	25.51	21.89	21.76	21.90	25.58	25.41	25.70	23.38	23.24	23.38
		1	49	25.62	25.45	25.65	21.99	21.73	21.87	25.46	25.45	25.61	23.24	23.43	23.22
		1	50	24.65	24.45	24.66	20.81	20.75	21.00	24.49	24.69	24.47	22.33	22.23	22.41
		25	12	26.15	26.13	26.12	22.49	22.50	22.48	26.11	26.20	26.14	23.94	23.93	23.99
		50	0	26.17	26.14	25.93	22.35	22.34	22.46	26.05	26.18	26.15	23.90	23.94	23.80
	256QAM	1	0	23.52	23.69	23.49	19.83	19.70	19.71	23.53	23.61	23.62	21.21	21.25	21.42
		1	1	23.54	23.55	23.45	19.71	19.81	20.00	23.42	23.69	23.58	21.30	21.31	21.25
		1	49	23.41	23.64	23.68	19.81	19.96	19.99	23.41	23.69	23.61	21.25	21.43	21.49
		1	50	23.60	23.55	23.48	19.74	19.82	19.89	23.67	23.45	23.69	21.43	21.21	21.37
		25	12	24.16	24.13	24.11	20.43	20.49	20.45	24.11	24.16	24.17	21.90	21.93	21.97
		50	0	24.02	24.03	23.97	20.44	20.37	20.23	24.17	24.07	23.96	21.73	21.77	21.81

OUTPUT POWER FOR 5G NR n77 (30.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 9			ANT 4			ANT 7			ANT 8		
				647666	656000	664333	647666	656000	664333	647666	656000	664333	647666	656000	664333
30.0	BPSK	1	0	24.61	24.63	24.57	20.76	20.97	20.77	24.60	24.68	24.47	22.42	22.40	22.41
		1	1	28.20	27.90	28.06	24.35	24.37	24.29	27.96	27.98	28.15	26.00	25.99	25.87
		1	76	28.15	28.09	28.07	24.27	24.31	24.31	28.04	28.17	28.20	25.97	25.71	25.93
		1	77	24.57	24.68	24.48	20.71	20.81	20.76	24.62	24.55	24.41	22.39	22.25	22.41
		36	18	28.70	28.70	28.70	25.00	25.00	25.00	28.70	28.70	28.70	26.50	26.50	26.50
		75	0	28.11	27.92	27.98	24.27	24.42	24.43	27.90	28.07	27.97	25.77	25.80	25.89
	QPSK	1	0	24.69	24.59	24.49	20.73	20.93	20.95	24.58	24.64	24.56	22.49	22.37	22.38
		1	1	27.90	27.99	28.13	24.50	24.44	24.25	28.13	28.04	28.12	25.84	25.98	25.97
		1	76	28.08	27.92	28.11	24.45	24.47	24.25	27.97	28.20	28.06	25.91	25.96	25.99
		1	77	24.57	24.44	24.67	20.88	20.91	20.90	24.61	24.61	24.55	22.37	22.26	22.49
		36	18	28.53	28.68	28.48	25.00	24.77	24.73	28.69	28.58	28.69	26.24	26.50	26.44
		75	0	27.60	27.45	27.61	23.75	23.87	23.71	27.53	27.61	27.62	25.45	25.50	25.46
	16QAM	1	0	24.48	24.69	24.56	20.72	20.81	20.82	24.68	24.58	24.51	22.32	22.46	22.45
		1	1	27.08	27.08	26.91	23.49	23.21	23.31	27.17	27.10	26.90	24.74	24.88	24.82
		1	76	27.11	27.15	26.96	23.27	23.24	23.33	27.17	26.90	27.11	24.96	24.86	24.98
		1	77	24.43	24.67	24.69	20.89	20.74	20.99	24.53	24.41	24.48	22.32	22.22	22.43
		36	18	27.70	27.65	27.44	23.73	23.85	23.90	27.62	27.44	27.61	25.44	25.39	25.50
		75	0	26.61	26.67	26.70	22.82	22.71	22.86	26.41	26.47	26.46	24.46	24.21	24.30
	64QAM	1	0	24.51	24.48	24.67	20.77	20.99	20.75	24.46	24.43	24.67	22.49	22.39	22.32
		1	1	25.68	25.66	25.49	21.77	21.81	21.74	25.46	25.45	25.52	23.46	23.35	23.34
		1	76	25.44	25.45	25.48	21.72	21.73	21.81	25.57	25.43	25.60	23.48	23.39	23.23
		1	77	24.52	24.64	24.54	20.90	20.91	20.88	24.43	24.45	24.53	22.38	22.20	22.39
		36	18	26.10	26.15	26.18	22.44	22.50	22.49	26.17	26.20	26.11	23.98	23.92	23.91
		75	0	26.17	26.04	25.92	22.38	22.40	22.48	25.91	26.01	26.03	23.77	23.96	23.85
	256QAM	1	0	23.48	23.57	23.45	19.79	19.95	19.71	23.59	23.55	23.45	21.29	21.34	21.33
		1	1	23.59	23.64	23.64	19.96	19.92	19.85	23.49	23.47	23.42	21.46	21.27	21.33
		1	76	23.62	23.65	23.58	19.81	19.92	19.99	23.53	23.49	23.64	21.22	21.37	21.30
		1	77	23.63	23.53	23.49	19.89	19.81	19.82	23.68	23.52	23.56	21.24	21.31	21.26
		36	18	24.16	24.19	24.18	20.47	20.42	20.50	24.11	24.14	24.16	21.95	21.95	21.91
		75	0	24.15	24.02	23.96	20.27	20.33	20.47	24.11	24.19	24.19	21.71	21.77	21.84

OUTPUT POWER FOR 5G NR n77 (40.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 9			ANT 4			ANT 7			ANT 8		
				648000	656000	664000	648000	656000	664000	648000	656000	664000	648000	656000	664000
40.0	BPSK	1	0	3720.0	3840.0	3960.0	3720.0	3840.0	3960.0	3720.0	3840.0	3960.0	3720.0	3840.0	3960.0
		1	1	24.60	24.53	24.60	20.97	20.93	21.00	24.40	24.64	24.54	22.36	22.27	22.41
		1	1	28.09	28.18	28.01	24.20	24.28	24.29	28.18	28.19	28.11	25.70	25.81	25.73
		1	104	28.17	28.01	27.91	24.38	24.43	24.36	28.04	27.98	28.05	25.73	25.98	25.88
		1	105	24.50	24.61	24.52	20.78	20.92	20.77	24.66	24.54	24.64	22.50	22.20	22.29
		50	25	28.70	28.70	28.70	25.00	25.00	25.00	28.70	28.70	28.70	26.50	26.50	26.50
	QPSK	100	0	28.15	28.08	28.14	24.35	24.47	24.43	28.16	27.99	28.12	25.85	25.74	25.99
		1	0	24.58	24.42	24.54	20.88	20.96	20.90	24.65	24.44	24.57	22.46	22.24	22.39
		1	1	28.08	28.06	27.96	24.29	24.40	24.26	28.20	27.90	28.12	25.84	25.93	25.71
		1	104	28.04	28.00	28.03	24.48	24.28	24.34	27.94	28.11	28.20	25.82	25.74	25.74
		1	105	24.48	24.57	24.65	20.85	20.76	20.85	24.68	24.40	24.41	22.27	22.37	22.50
		50	25	28.57	28.60	28.64	24.89	24.98	24.94	28.51	28.43	28.56	26.25	26.24	26.35
	16QAM	100	0	27.60	27.70	27.44	23.92	23.84	23.88	27.58	27.43	27.50	25.30	25.36	25.21
		1	0	24.60	24.68	24.55	20.98	20.92	20.94	24.48	24.42	24.41	22.46	22.31	22.46
		1	1	27.15	27.07	27.02	23.45	23.39	23.46	27.07	27.04	27.14	24.89	24.83	24.84
		1	104	27.01	26.95	27.02	23.24	23.29	23.25	27.13	26.90	26.96	24.70	24.74	24.86
		1	105	24.56	24.64	24.48	20.73	20.92	20.73	24.61	24.70	24.69	22.48	22.35	22.23
		50	25	27.59	27.45	27.63	23.93	23.85	23.95	27.57	27.58	27.62	25.25	25.43	25.35
	64QAM	100	0	26.45	26.50	26.47	22.93	22.93	22.89	26.64	26.47	26.47	24.46	24.22	24.40
		1	0	24.66	24.62	24.51	20.71	20.93	20.85	24.55	24.66	24.52	22.33	22.30	22.39
		1	1	25.67	25.43	25.67	21.88	21.73	21.70	25.44	25.57	25.70	23.26	23.49	23.31
		1	104	25.49	25.57	25.42	21.87	21.90	21.89	25.63	25.49	25.67	23.43	23.45	23.24
		1	105	24.53	24.54	24.58	20.96	20.95	20.75	24.47	24.54	24.60	22.25	22.41	22.21
		50	25	26.12	26.20	26.17	22.49	22.46	22.43	26.10	26.13	26.15	23.99	24.00	24.00
	256QAM	100	0	26.00	26.10	26.01	22.32	22.24	22.35	26.01	26.13	26.11	23.79	23.91	23.75
		1	0	23.47	23.56	23.67	19.98	19.88	19.92	23.48	23.65	23.69	21.40	21.32	21.40
		1	1	23.69	23.62	23.43	19.91	19.94	19.74	23.69	23.41	23.51	21.49	21.29	21.38
		1	104	23.48	23.50	23.65	19.98	19.70	19.77	23.60	23.64	23.51	21.50	21.49	21.39
		1	105	23.47	23.48	23.57	19.93	19.82	19.72	23.64	23.66	23.70	21.29	21.27	21.50
		50	25	24.13	24.19	24.18	20.40	20.43	20.44	24.20	24.15	24.18	21.94	21.98	21.96
		100	0	24.16	24.17	24.15	20.23	20.31	20.27	23.93	24.16	23.93	21.77	21.86	21.83

OUTPUT POWER FOR 5G NR n77 (50.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 9			ANT 4			ANT 7			ANT 8		
				648333	656000	663666	648333	656000	663666	648333	656000	663666	648333	656000	663666
50.0	BPSK	1	0	3725.0	3840.0	3955.0	3725.0	3840.0	3955.0	3725.0	3840.0	3955.0	3725.0	3840.0	3955.0
		1	1	24.59	24.42	24.70	20.73	20.84	20.96	24.68	24.68	24.62	22.45	22.49	22.43
		1	1	28.20	27.90	28.19	24.24	24.35	24.24	28.05	28.19	27.96	25.85	25.71	25.90
		1	131	28.10	28.01	28.05	24.23	24.22	24.28	28.02	28.01	27.90	25.94	26.00	25.93
		1	132	24.48	24.58	24.49	20.90	20.82	20.80	24.43	24.52	24.49	22.42	22.44	22.23
		64	32	28.70	28.70	28.70	25.00	25.00	25.00	28.70	28.70	28.70	26.50	26.50	26.50
	QPSK	128	0	28.17	28.15	27.94	24.31	24.22	24.48	28.14	28.16	28.15	25.99	25.94	25.88
		1	0	24.66	24.62	24.43	20.87	20.75	20.98	24.63	24.53	24.55	22.32	22.23	22.34
		1	1	28.09	28.06	27.94	24.31	24.48	24.48	28.08	28.08	28.16	25.78	25.71	25.90
		1	131	27.97	28.08	28.05	24.24	24.26	24.25	27.95	27.90	27.96	25.81	25.86	25.89
		1	132	24.47	24.60	24.43	20.82	20.73	20.86	24.58	24.48	22.45	22.45	22.49	22.49
		64	32	28.49	28.40	28.51	24.82	24.94	24.76	28.62	28.62	28.63	26.49	26.36	26.23
	16QAM	128	0	27.59	27.69	27.45	23.98	23.94	23.77	27.44	27.50	27.70	25.42	25.27	25.29
		1	0	24.64	24.41	24.58	20.94	20.81	20.86	24.43	24.46	24.60	22.41	22.49	22.40
		1	1	26.98	27.17	27.13	23.21	23.49	23.31	27.15	26.97	27.04	24.81	24.86	24.78
		1	131	26.90	27.04	27.00	23.48	23.30	23.41	27.01	27.09	27.16	24.72	24.74	24.70
		1	132	24.70	24.44	24.52	20.99	20.96	20.92	24.62	24.50	24.61	22.25	22.47	22.23
		64	32	27.68	27.48	27.64	23.77	23.88	23.74	27.64	27.55	27.51	25.48	25.21	25.27
	64QAM	128	0	26.60	26.64	26.61	22.94	22.72	22.85	26.61	26.51	26.48	24.22	24.41	24.24
		1	0	24.46	24.61	24.40	20.82	20.93	20.80	24.50	24.46	24.44	22.20	22.50	22.28
		1	1	25.70	25.53	25.57	21.87	21.80	21.97	25.57	25.42	25.61	23.36	23.28	23.32
		1	131	25.59	25.54	25.55	21.79	21.84	21.95	25.62	25.51	25.66	23.26	23.50	23.25
		1	132	24.47	24.62	24.51	20.94	20.77	20.80	24.48	24.52	24.55	22.39	22.20	22.45
		64	32	26.12	26.17	26.15	22.43	22.49	22.40	26.20	26.13	26.12	23.99	23.99	23.94
	256QAM	128	0	25.90	26.04	26.02	22.41	22.28	22.50	26.04	26.11	25.90	23.95	23.70	23.72
		1	0	23.62	23.40	23.69	19.70	19.93	19.91	23.55	23.61	23.61	21.35	21.40	21.49
		1	1	23.53	23.63	23.61	19.77	19.80	19.84	23.41	23.70	23.52	21.49	21.32	21.46
		1	131	23.54	23.44	23.54	19.84	20.00	19.93	23.53	23.49	23.57	21.43	21.44	21.45
		1	132	23.69	23.43	23.65	19.76	19.99	19.76	23.51	23.67	23.48	21.35	21.24	21.43
		64	32	24.14	24.16	24.20	20.47	20.42	20.48	24.20	24.18	24.17	21.91	21.92	21.99
		128	0	24.13	23.98	24.19	20.44	20.25	20.23	23.94	24.11	23.96	21.93	21.82	21.77

OUTPUT POWER FOR 5G NR n77 (60.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 9			ANT 4			ANT 7			ANT 8		
				648666	656000	663333	648666	656000	663333	648666	656000	663333	648666	656000	663333
60.0	BPSK	1	0	24.47	24.47	24.67	20.82	20.89	20.79	24.68	24.62	24.65	22.34	22.39	22.49
		1	1	28.06	27.98	28.13	24.39	24.48	24.29	28.10	27.92	27.94	25.88	25.88	25.80
		1	160	28.01	27.98	27.92	24.50	24.26	24.24	28.17	28.11	28.06	25.98	25.72	25.82
		1	161	24.57	24.41	24.65	20.74	20.78	20.83	24.65	24.46	24.61	22.43	22.36	22.34
		81	40	28.70	28.70	28.70	25.00	25.00	25.00	28.70	28.70	28.70	26.50	26.50	26.50
		162	0	27.93	27.92	28.08	24.41	24.38	24.21	28.00	28.17	27.97	25.92	25.98	25.92
	QPSK	1	0	24.51	24.68	24.58	20.87	20.96	20.80	24.54	24.59	24.46	22.32	22.36	22.50
		1	1	28.07	27.92	27.98	24.31	24.31	24.42	28.11	28.06	27.94	25.88	25.99	25.94
		1	160	27.99	27.90	28.10	24.43	24.46	24.44	27.96	27.92	28.05	26.00	25.80	26.00
		1	161	24.52	24.52	24.53	20.92	20.72	20.72	24.63	24.42	24.57	22.40	22.25	22.48
		81	40	28.51	28.54	28.65	24.75	24.90	24.79	28.53	28.60	28.43	26.44	26.31	26.46
		162	0	27.47	27.53	27.60	23.75	23.83	23.86	27.58	27.62	27.59	25.44	25.38	25.26
	16QAM	1	0	24.49	24.56	24.43	20.75	20.91	20.81	24.50	24.50	24.50	22.25	22.32	22.35
		1	1	26.94	27.18	27.08	23.40	23.22	23.32	26.93	27.06	26.96	24.78	24.79	24.88
		1	160	26.91	27.17	27.10	23.30	23.37	23.50	27.18	27.09	27.15	24.89	24.94	24.92
		1	161	24.68	24.47	24.52	20.98	20.94	20.82	24.68	24.65	24.55	22.37	22.27	22.29
		81	40	27.68	27.56	27.62	23.99	23.85	23.82	27.67	27.63	27.49	25.34	25.46	25.26
		162	0	26.41	26.66	26.44	22.83	22.93	22.83	26.60	26.69	26.47	24.26	24.45	24.32
	64QAM	1	0	24.46	24.53	24.52	20.88	20.97	20.91	24.68	24.60	24.40	22.35	22.27	22.39
		1	1	25.64	25.46	25.55	21.96	21.97	21.83	25.52	25.67	25.70	23.20	23.31	23.41
		1	160	25.55	25.44	25.49	21.88	21.77	21.85	25.50	25.44	25.42	23.44	23.27	23.44
		1	161	24.61	24.57	24.52	20.99	20.90	20.71	24.54	24.48	24.57	22.47	22.28	22.43
		81	40	26.20	26.20	26.10	22.40	22.47	22.43	26.17	26.17	26.20	24.00	23.96	23.99
		162	0	26.10	26.03	26.12	22.33	22.28	22.24	25.91	26.20	26.10	23.77	23.83	23.74
	256QAM	1	0	23.54	23.48	23.57	19.73	19.93	19.73	23.60	23.44	23.67	21.47	21.31	21.36
		1	1	23.43	23.50	23.59	19.91	19.82	19.84	23.60	23.46	23.44	21.50	21.40	21.23
		1	160	23.57	23.50	23.54	19.87	19.94	19.98	23.54	23.55	23.70	21.41	21.21	21.49
		1	161	23.60	23.60	23.54	19.79	19.84	19.88	23.53	23.67	23.43	21.47	21.45	21.45
		81	40	24.10	24.10	24.19	20.44	20.48	20.49	24.14	24.20	24.11	21.96	21.98	21.93
		162	0	24.00	23.94	24.01	20.41	20.49	20.33	23.99	24.07	24.13	21.79	21.96	21.72

OUTPUT POWER FOR 5G NR n77 (70.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 9			ANT 4			ANT 7			ANT 8		
				649000	656000	663000	649000	656000	663000	649000	656000	663000	649000	656000	663000
70.0	BPSK	1	0	24.70	24.62	24.53	20.83	20.96	20.91	24.66	24.65	24.52	22.22	22.40	22.22
		1	1	28.09	28.03	28.20	24.27	24.45	24.42	27.94	28.10	28.20	25.84	25.85	25.97
		1	187	28.06	27.94	28.16	24.24	24.37	24.21	28.08	27.95	27.95	25.91	25.85	25.79
		1	188	24.41	24.46	24.43	20.83	20.91	20.99	24.61	24.59	24.62	22.49	22.48	22.21
		90	45	28.70	28.70	28.70	25.00	25.00	25.00	28.70	28.70	28.70	26.50	26.50	26.50
		180	0	28.10	27.98	28.10	24.24	24.33	24.23	27.99	27.92	28.13	25.71	26.00	25.75
	QPSK	1	0	24.43	24.55	24.69	21.00	20.73	20.77	24.69	24.66	24.46	22.39	22.25	22.31
		1	1	28.11	27.92	28.02	24.27	24.43	24.32	28.20	28.01	27.97	25.73	25.86	25.72
		1	187	28.03	28.19	28.03	24.30	24.42	24.20	27.99	28.09	28.10	25.88	25.70	25.76
		1	188	24.67	24.54	24.41	20.76	20.93	20.94	24.64	24.41	24.70	22.24	22.31	22.26
		90	45	28.64	28.56	28.69	24.87	25.00	24.81	28.67	28.43	28.59	26.20	26.45	26.32
		180	0	27.64	27.53	27.43	23.93	23.73	23.73	27.64	27.53	27.42	25.32	25.49	25.38
	16QAM	1	0	24.43	24.66	24.59	20.86	20.91	20.96	24.63	24.41	24.68	22.25	22.26	22.32
		1	1	27.11	26.95	26.99	23.40	23.28	23.35	27.15	27.11	26.94	24.72	24.76	24.77
		1	187	26.99	26.98	27.04	23.25	23.33	23.22	27.04	26.92	26.91	24.90	24.96	24.92
		1	188	24.66	24.63	24.66	20.78	20.97	20.73	24.49	24.64	24.47	22.30	22.45	22.31
		90	45	27.50	27.50	27.54	23.77	23.79	23.83	27.66	27.48	27.56	25.26	25.23	25.32
		180	0	26.53	26.56	26.57	22.81	22.78	22.74	26.65	26.54	26.49	24.39	24.46	24.45
	64QAM	1	0	24.68	24.68	24.50	20.83	20.82	20.99	24.42	24.54	24.69	22.43	22.39	22.21
		1	1	25.69	25.70	25.54	21.87	21.85	21.95	25.47	25.67	25.46	23.50	23.41	23.49
		1	187	25.51	25.54	25.45	21.81	21.94	21.75	25.69	25.56	25.54	23.45	23.25	23.21
		1	188	24.59	24.51	24.42	20.92	20.78	20.81	24.56	24.50	24.53	22.45	22.49	22.29
		90	45	26.20	26.13	26.20	22.44	22.49	22.40	26.20	26.15	26.18	23.98	23.94	24.00
		180	0	26.13	26.08	26.06	22.38	22.38	22.35	25.91	26.00	25.93	23.70	23.85	23.83
	256QAM	1	0	23.59	23.50	23.47	19.82	20.00	19.79	23.52	23.68	23.51	21.31	21.25	21.45
		1	1	23.59	23.48	23.69	19.75	19.83	19.97	23.63	23.66	23.48	21.20	21.43	21.21
		1	187	23.40	23.48	23.70	19.74	19.96	19.90	23.45	23.69	23.48	21.45	21.24	21.24
		1	188	23.47	23.55	23.46	19.84	19.96	19.71	23.46	23.70	23.59	21.30	21.22	21.39
		90	45	24.17	24.10	24.17	20.47	20.50	20.50	24.20	24.15	24.13	21.97	21.98	21.96
		180	0	24.10	24.11	24.02	20.40	20.36	20.23	23.94	24.19	24.05	21.74	21.96	21.81

OUTPUT POWER FOR 5G NR n77 (80.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 9			ANT 4			ANT 7			ANT 8		
				649333	656000	662666	649333	656000	662666	649333	656000	662666	649333	656000	662666
80.0	BPSK	1	0	24.48	24.65	24.49	20.99	20.83	20.88	24.58	24.47	24.51	22.43	22.28	22.37
		1	1	28.19	28.02	28.12	24.34	24.31	24.36	28.12	27.99	28.20	25.77	25.85	25.84
		1	215	28.02	28.05	28.02	24.45	24.49	24.29	28.04	28.06	28.06	26.00	25.75	25.70
		1	216	24.57	24.53	24.42	20.83	20.94	20.79	24.44	24.56	24.44	22.49	22.25	22.36
		108	54	28.70	28.70	28.70	25.00	25.00	25.00	28.70	28.70	28.70	26.50	26.50	26.50
		216	0	27.95	28.13	28.00	24.38	24.42	24.42	27.92	28.13	28.17	25.95	25.83	25.93
	QPSK	1	0	24.48	24.48	24.41	20.97	20.72	20.77	24.53	24.50	24.62	22.45	22.41	22.47
		1	1	28.07	28.03	28.16	24.44	24.34	24.28	28.11	27.96	27.94	25.77	25.94	25.92
		1	215	27.97	28.11	28.13	24.31	24.31	24.48	27.96	28.16	28.20	25.76	25.77	25.76
		1	216	24.52	24.64	24.70	20.73	20.78	20.71	24.65	24.61	24.54	22.40	22.24	22.50
		108	54	28.42	28.57	28.54	24.75	24.78	24.71	28.42	28.63	28.50	26.30	26.49	26.30
		216	0	27.65	27.64	27.52	23.97	23.85	23.87	27.67	27.50	27.62	25.26	25.39	25.22
	16QAM	1	0	24.55	24.50	24.66	20.88	20.89	20.74	24.51	24.41	24.54	22.38	22.47	22.35
		1	1	27.17	27.12	27.13	23.27	23.32	23.44	27.08	27.18	26.96	24.76	24.87	24.80
		1	215	27.02	26.97	26.92	23.48	23.25	23.26	26.92	26.94	27.01	24.90	24.74	24.84
		1	216	24.49	24.51	24.42	20.73	20.91	20.85	24.58	24.45	24.49	22.44	22.29	22.25
		108	54	27.64	27.45	27.45	23.98	23.84	23.95	27.41	27.56	27.42	25.31	25.26	25.23
		216	0	26.41	26.68	26.70	22.73	22.90	22.99	26.54	26.60	26.63	24.49	24.31	24.21
	64QAM	1	0	24.45	24.41	24.65	20.76	20.82	20.74	24.61	24.50	24.44	22.29	22.37	22.36
		1	1	25.55	25.52	25.61	21.82	21.78	21.71	25.50	25.49	25.51	23.36	23.47	23.20
		1	215	25.65	25.51	25.66	21.80	21.74	21.94	25.52	25.65	25.45	23.43	23.20	23.46
		1	216	24.43	24.55	24.69	20.97	20.79	20.88	24.56	24.40	24.64	22.20	22.28	22.34
		108	54	26.17	26.11	26.20	22.42	22.49	22.45	26.15	26.11	26.12	23.97	23.90	23.95
		216	0	25.95	26.02	25.91	22.48	22.30	22.41	26.20	25.92	26.03	23.95	23.79	23.86
	256QAM	1	0	23.66	23.59	23.70	19.80	19.95	19.88	23.52	23.66	23.69	21.33	21.21	21.34
		1	1	23.67	23.44	23.55	19.95	19.86	19.78	23.58	23.68	23.59	21.20	21.33	21.45
		1	215	23.48	23.42	23.53	19.89	19.84	19.79	23.70	23.48	23.49	21.25	21.23	21.30
		1	216	23.55	23.61	23.63	19.91	19.89	19.73	23.47	23.62	23.48	21.32	21.37	21.40
		108	54	24.18	24.13	24.11	20.43	20.40	20.50	24.13	24.10	24.15	21.97	21.91	21.90
		216	0	23.95	23.93	24.01	20.28	20.35	20.22	23.96	24.10	24.19	21.73	21.75	21.89

OUTPUT POWER FOR 5G NR n77 (90.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 9			ANT 4			ANT 7			ANT 8		
				649666	656000	662333	649666	656000	662333	649666	656000	662333	649666	656000	662333
90.0	BPSK	1	0	24.67	24.46	24.44	20.81	21.00	20.74	24.69	24.60	24.64	22.28	22.36	22.25
		1	1	28.15	28.00	28.01	24.33	24.23	24.50	28.14	28.01	27.90	25.79	25.80	25.90
		1	243	27.91	27.98	27.98	24.23	24.41	24.21	27.90	28.17	28.04	25.91	25.82	25.86
		1	244	24.53	24.62	24.43	20.72	20.90	20.90	24.46	24.47	24.59	22.47	22.23	22.43
		120	60	28.70	28.70	28.70	25.00	25.00	25.00	28.70	28.70	28.70	26.50	26.50	26.50
		243	0	27.96	28.19	28.00	24.25	24.21	24.41	28.04	28.18	27.96	25.80	25.99	25.97
	QPSK	1	0	24.65	24.43	24.56	20.95	20.98	20.91	24.53	24.63	24.55	22.40	22.37	22.32
		1	1	28.15	28.00	27.99	24.32	24.43	24.31	27.97	27.91	27.96	25.96	25.70	25.97
		1	243	28.20	28.12	28.11	24.43	24.28	24.42	27.96	28.16	28.11	25.85	25.85	25.82
		1	244	24.56	24.58	24.50	20.81	20.92	20.74	24.66	24.53	24.46	22.47	22.41	22.31
		120	60	28.61	28.40	28.46	24.72	24.82	24.99	28.62	28.47	28.54	26.45	26.21	26.35
		243	0	27.69	27.43	27.55	23.73	23.95	23.78	27.50	27.46	27.65	25.21	25.38	25.20
	16QAM	1	0	24.70	24.44	24.41	20.74	20.76	20.88	24.65	24.52	24.56	22.39	22.44	22.48
		1	1	27.05	26.97	27.20	23.35	23.45	23.33	27.07	26.91	27.07	24.96	24.84	24.85
		1	243	27.04	26.92	27.20	23.43	23.40	23.31	27.04	26.96	27.19	24.71	24.97	24.90
		1	244	24.65	24.68	24.53	20.88	20.82	20.87	24.45	24.63	24.45	22.40	22.39	22.40
		120	60	27.40	27.55	27.48	23.86	23.97	23.86	27.56	27.40	27.67	25.23	25.34	25.45
		243	0	26.45	26.46	26.55	23.00	22.85	22.80	26.50	26.42	26.65	24.36	24.45	24.47
	64QAM	1	0	24.55	24.66	24.50	20.82	21.00	20.80	24.50	24.43	24.68	22.48	22.27	22.26
		1	1	25.60	25.62	25.40	21.92	21.85	21.92	25.67	25.66	25.62	23.30	23.23	23.48
		1	243	25.43	25.62	25.46	21.70	21.81	21.81	25.49	25.59	25.48	23.40	23.50	23.25
		1	244	24.42	24.66	24.61	20.74	20.80	20.77	24.43	24.44	24.59	22.26	22.25	22.23
		120	60	26.20	26.19	26.15	22.48	22.46	22.42	26.11	26.11	26.20	23.91	23.92	23.91
		243	0	26.03	26.17	26.17	22.27	22.47	22.32	26.00	25.95	26.13	23.71	23.91	23.82
	256QAM	1	0	23.68	23.46	23.51	19.71	19.78	19.95	23.63	23.55	23.64	21.39	21.50	21.29
		1	1	23.43	23.57	23.46	19.76	19.88	19.76	23.45	23.50	23.45	21.47	21.41	21.47
		1	243	23.45	23.42	23.46	19.95	19.85	20.00	23.62	23.61	23.41	21.40	21.30	21.35
		1	244	23.57	23.46	23.40	19.86	19.94	19.90	23.43	23.55	23.62	21.49	21.50	21.30
		120	60	24.18	24.10	24.15	20.50	20.46	20.50	24.10	24.11	24.14	21.94	21.92	21.96
		243	0	23.92	24.10	24.12	20.21	20.29	20.43	24.07	24.06	24.00	22.00	21.92	21.74

OUTPUT POWER FOR 5G NR n77 (100.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 9			ANT 4			ANT 7			ANT 8		
				650000	656000	662000	650000	656000	662000	650000	656000	662000	650000	656000	662000
100.0	BPSK	1	0	24.51	24.50	24.63	20.81	20.99	20.76	24.67	24.42	24.47	22.20	22.40	22.30
		1	1	28.04	27.97	27.97	24.26	24.46	24.21	28.14	28.10	27.99	25.88	25.72	25.72
		1	271	28.03	28.16	28.04	24.48	24.21	24.48	28.19	28.13	27.93	25.80	25.81	25.83
		1	272	24.62	24.58	24.69	20.98	20.93	20.73	24.43	24.48	24.43	22.48	22.39	22.41
		135	67	28.70	28.70	28.70	25.00	25.00	25.00	28.70	28.70	28.70	26.50	26.50	26.50
		270	0	27.92	28.09	28.17	24.40	24.38	24.37	28.17	28.16	28.05	25.74	25.77	25.77
	QPSK	1	0	24.55	24.56	24.42	20.74	21.00	20.92	24.51	24.69	24.47	22.37	22.37	22.42
		1	1	28.19	27.95	28.02	24.23	24.30	24.36	28.02	28.14	28.08	25.91	25.94	25.88
		1	271	27.99	27.94	27.92	24.34	24.48	24.38	28.09	27.91	28.15	25.95	25.94	25.86
		1	272	24.49	24.46	24.51	21.00	20.70	20.97	24.59	24.46	24.65	22.50	22.25	22.42
		135	67	28.44	28.40	28.45	24.86	24.76	24.87	28.61	28.67	28.43	26.37	26.22	26.48
		270	0	27.55	27.45	27.41	23.79	23.74	23.76	27.69	27.43	27.47	25.25	25.42	25.44
	16QAM	1	0	24.66	24.53	24.41	20.81	20.71	20.70	24.51	24.43	24.51	22.30	22.41	22.46
		1	1	27.16	27.01	26.93	23.34	23.34	23.29	26.99	27.03	26.96	24.88	24.93	24.87
		1	271	27.13	27.01	26.92	23.32	23.32	23.46	27.17	27.09	27.00	24.83	24.76	24.97
		1	272	24.50	24.48	24.62	21.00	20.87	20.91	24.54	24.40	24.62	22.32	22.24	22.34
		135	67	27.50	27.68	27.48	23.93	23.96	23.77	27.43	27.45	27.57	25.25	25.33	25.36
		270	0	26.40	26.47	26.50	22.86	23.00	22.87	26.65	26.48	26.45	24.37	24.48	24.36
	64QAM	1	0	24.41	24.70	24.69	20.98	20.93	20.96	24.49	24.40	24.42	22.41	22.35	22.36
		1	1	25.53	25.41	25.51	21.95	21.78	21.73	25.56	25.64	25.49	23.32	23.23	23.45
		1	271	25.57	25.68	25.53	21.77	21.99	21.77	25.57	25.40	25.42	23.35	23.22	23.47
		1	272	24.62	24.63	24.46	20.78	20.83	20.95	24.53	24.58	24.46	22.42	22.25	22.30
		135	67	26.20	26.16	26.18	22.41	22.40	22.42	26.12	26.12	26.12	23.96	23.90	23.90
		270	0	26.10	26.18	25.90	22.44	22.31	22.42	26.09	25.96	25.94	23.77	23.87	23.91
	256QAM	1	0	23.65	23.54	23.46	19.93	19.82	19.70	23.66	23.62	23.69	21.46	21.47	21.39
		1	1	23.62	23.65	23.69	19.85	19.75	19.90	23.45	23.70	23.56	21.34	21.27	21.37
		1	271	23.55	23.58	23.55	19.84	19.94	19.80	23.45	23.47	23.61	21.30	21.20	21.40
		1	272	23.68	23.62	23.60	19.99	19.83	19.98	23.43	23.47	23.70	21.49	21.34	21.26
		135	67	24.11	24.18	24.12	20.45	20.50	20.50	24.16	24.13	24.17	21.91	21.98	21.99
		270	0	24.13	24.05	23.97	20.34	20.46	20.32	23.91	24.08	24.08	21.77	21.79	21.96

9. CONDUCTED TEST RESULTS

9.1. OCCUPIED BANDWIDTH

RULE PART(S)

FCC: §2.1049

LIMITS

For reporting purposes only.

TEST PROCEDURE

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

RESULTS

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

LTE BAND 7

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
LTE BAND 7	5MHz, QPSK	25/0	2535.0	4.496	4.932
	5MHz, 16QAM			4.500	4.945
	10MHz, QPSK	50/0		8.982	9.827
	10MHz, 16QAM			8.983	9.820
	15MHz, QPSK	75/0		13.492	14.610
	15MHz, 16QAM			13.460	14.590
	20MHz, QPSK	100/0		17.908	19.440
	20MHz, 16QAM			17.932	19.430
	20MHz, QPSK	1/0		0.282	0.461

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	4.480	4.841
	5MHz, QPSK			4.466	4.834
	5MHz, 16QAM			4.481	4.819
	10MHz, BPSK	50/0		8.943	9.555
	10MHz, QPSK			8.939	9.592
	10MHz, 16QAM			8.969	9.539
	15MHz, BPSK	75/0		13.403	14.230
	15MHz, QPSK			13.406	14.140
	15MHz, 16QAM			13.437	14.230
	20MHz, BPSK	100/0		17.886	18.840
	20MHz, QPSK			17.869	18.780
	20MHz, 16QAM			17.916	18.820
	25MHz, BPSK	128/0		22.861	24.010
	25MHz, QPSK			22.837	23.950
	25MHz, 16QAM			22.922	24.070
	30MHz, BPSK	160/0		28.636	29.960
	30MHz, QPSK			28.565	29.910
	30MHz, 16QAM			28.663	29.940
	35MHz, BPSK	180/0		32.179	33.610
	35MHz, QPSK			32.118	33.600
	35MHz, 16QAM			32.219	33.640
	40MHz, BPSK	216/0		38.594	40.390
	40MHz, QPSK			38.606	40.300
	40MHz, 16QAM			38.675	40.330
		40MHz, BPSK		1/0	0.246

LTE BAND 12

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
LTE BAND 12	1.4MHz, QPSK	6/0	707.5	1.089	1.331
	1.4MHz, 16QAM			1.091	1.346
	3MHz, QPSK	15/0		2.689	2.945
	3MHz, 16QAM			2.692	2.961
	5MHz, QPSK	25/0		4.493	4.918
	5MHz, 16QAM			4.492	4.908
	10MHz, QPSK	50/0		8.971	9.792
	10MHz, 16QAM			8.970	9.844
	10MHz, QPSK	1/0		0.275	0.429

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	4.480	4.843
	5MHz, QPSK			4.465	4.831
	5MHz, 16QAM			4.474	4.827
	10MHz, BPSK	50/0		8.937	9.568
	10MHz, QPSK			8.928	9.528
	10MHz, 16QAM			8.964	9.542
	15MHz, BPSK	75/0		13.401	14.220
	15MHz, QPSK			13.400	14.150
	15MHz, 16QAM			13.446	14.200
	15MHz, BPSK	1/0		0.247	0.407

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	4.503	4.937
	5MHz, 16QAM			4.490	4.929
	10MHz, QPSK	50/0		8.970	9.829
	10MHz, 16QAM			8.966	9.844
	10MHz, QPSK	1/0		0.255	0.395

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	4.505	4.930
	5MHz, 16QAM			4.498	4.922
	10MHz, QPSK	50/0		8.955	9.801
	10MHz, 16QAM			8.967	9.843
	10MHz, QPSK	1/0		0.260	0.438

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	4.482	4.835
	5MHz, QPSK			4.464	4.822
	5MHz, 16QAM			4.483	4.830
	10MHz, BPSK	50/0		8.937	9.550
	10MHz, QPSK			8.932	9.604
	10MHz, 16QAM			8.963	9.532
	10MHz, BPSK	1/0		0.243	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	4.501	4.898
	5MHz, 16QAM			4.498	4.920
	10MHz, QPSK	50/0		8.969	9.826
	10MHz, 16QAM			8.960	9.823
	10MHz, QPSK	1/0		0.258	0.418

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	1.094	1.337
	1.4MHz, 16QAM			1.091	1.346
	3MHz, QPSK	15/0		2.699	2.955
	3MHz, 16QAM			2.705	2.967
	5MHz, QPSK	25/0		4.502	4.928
	5MHz, 16QAM			4.496	4.964
	10MHz, QPSK	50/0		9.005	9.851
	10MHz, 16QAM			8.991	9.841
	15MHz, QPSK	75/0		13.470	14.610
	15MHz, 16QAM			13.491	14.590
	20MHz, QPSK	100/0		17.947	19.480
	20MHz, 16QAM			17.939	19.430
	20MHz, QPSK	1/0		0.277	0.461

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	4.483	4.856
	5MHz, QPSK			4.467	4.829
	5MHz, 16QAM			4.477	4.825
	10MHz, BPSK	50/0		8.941	9.596
	10MHz, QPSK			8.929	9.585
	10MHz, 16QAM			8.972	9.581
	15MHz, BPSK	75/0		13.401	14.200
	15MHz, QPSK			13.399	14.160
	15MHz, 16QAM			13.442	14.190
	20MHz, BPSK	100/0		17.873	18.780
	20MHz, QPSK			17.869	18.860
	20MHz, 16QAM			17.903	18.870
	25MHz, BPSK	128/0		22.857	23.990
	25MHz, QPSK			22.831	23.990
	25MHz, 16QAM			22.911	24.020
	30MHz, BPSK	160/0		28.600	29.900
	30MHz, QPSK			28.517	29.880
	30MHz, 16QAM			28.628	29.920
	35MHz, BPSK	180/0		32.151	33.580
	35MHz, QPSK			32.084	33.580
	35MHz, 16QAM			32.164	33.620
	40MHz, BPSK	216/0		38.598	40.320
	40MHz, QPSK			38.610	40.310
	40MHz, 16QAM			38.668	40.350
		40MHz, BPSK		1/0	

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	1.090	1.339
	1.4MHz, 16QAM			1.089	1.338
	3MHz, QPSK	15/0		2.691	2.942
	3MHz, 16QAM			2.695	2.957
	5MHz, QPSK	25/0		4.482	4.889
	5MHz, 16QAM			4.485	4.897
	10MHz, QPSK	50/0		8.969	9.763
	10MHz, 16QAM			8.987	9.868
	10MHz, QPSK	1/0		0.252	0.408

5G NR n26 (FCC PART 90S)

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
5G NR n26 (Part 90S)	5MHz, BPSK	25/0	819.0	4.480	4.840
	5MHz, QPSK			4.464	4.822
	5MHz, 16QAM			4.476	4.816
	10MHz, BPSK	50/0		8.938	9.570
	10MHz, QPSK			8.928	9.553
	10MHz, 16QAM			8.965	9.525
	10MHz, BPSK	1/0		0.241	0.395

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	1.095	1.347
	1.4MHz, 16QAM			1.098	1.339
	3MHz, QPSK	15/0		2.698	2.955
	3MHz, 16QAM			2.698	2.956
	5MHz, QPSK	25/0		4.502	4.922
	5MHz, 16QAM			4.501	4.946
	10MHz, QPSK	50/0		8.992	9.863
	10MHz, 16QAM			8.991	9.861
	15MHz, QPSK	75/0		13.442	14.620
	15MHz, 16QAM			13.416	14.540
	15MHz, QPSK	1/0		0.278	0.469

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	4.479	4.840
	5MHz, QPSK			4.467	4.826
	5MHz, 16QAM			4.481	4.828
	10MHz, BPSK	50/0		8.939	9.538
	10MHz, QPSK			8.934	9.565
	10MHz, 16QAM			8.964	9.544
	15MHz, BPSK	75/0		13.395	14.180
	15MHz, QPSK			13.402	14.150
	15MHz, 16QAM			13.443	14.240
	20MHz, BPSK	100/0		17.872	18.820
	20MHz, QPSK			17.852	18.750
	20MHz, 16QAM			17.889	18.860
	20MHz, BPSK	1/0		0.248	0.413

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	4.502	4.942
	5MHz, 16QAM			4.504	4.918
	10MHz, QPSK	50/0		8.989	9.868
	10MHz, 16QAM			8.997	9.804
	10MHz, QPSK	1/0		0.264	0.404

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	4.483	4.849
	5MHz, QPSK			4.467	4.824
	5MHz, 16QAM			4.475	4.820
	10MHz, BPSK	50/0		8.944	9.593
	10MHz, QPSK			8.932	9.581
	10MHz, 16QAM			8.971	9.552
	10MHz, BPSK	1/0		0.235	0.384

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	4.484	5.129
	5MHz, 16QAM			4.497	5.085
	10MHz, QPSK	50/0		8.979	9.841
	10MHz, 16QAM			8.970	9.965
	15MHz, QPSK	75/0		13.445	14.930
	15MHz, 16QAM			13.464	14.940
	20MHz, QPSK	100/0		17.900	19.600
	20MHz, 16QAM			17.928	19.920
	20MHz, QPSK	1/0		0.286	0.476

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	8.636	9.601
	10MHz, QPSK			8.580	9.585
	10MHz, 16QAM			8.629	9.499
	15MHz, BPSK	36/0		12.861	13.980
	15MHz, QPSK			12.907	13.950
	15MHz, 16QAM			12.926	14.030
	20MHz, BPSK	50/0		17.877	19.170
	20MHz, QPSK			17.856	19.160
	20MHz, 16QAM			17.936	19.080
	30MHz, BPSK	75/0		26.833	28.540
	30MHz, QPSK			26.824	28.350
	30MHz, 16QAM			26.919	28.470
	40MHz, BPSK	100/0		35.760	37.830
	40MHz, QPSK			35.703	37.570
	40MHz, 16QAM			35.816	37.730
	50MHz, BPSK	128/0		45.732	47.970
	50MHz, QPSK			45.657	47.850
	50MHz, 16QAM			45.847	48.060
	60MHz, BPSK	162/0		57.965	60.600
	60MHz, QPSK			57.763	60.640
	60MHz, 16QAM			57.993	60.620
	70MHz, BPSK	180/0		64.398	67.430
	70MHz, QPSK			64.178	67.420
	70MHz, 16QAM			64.414	67.380
	80MHz, BPSK	216/0		77.244	80.640
	80MHz, QPSK			77.205	80.580
	80MHz, 16QAM			77.322	80.600
	90MHz, BPSK	243/0		86.705	90.540
	90MHz, QPSK			86.785	90.560
	90MHz, 16QAM			86.895	90.490
	100MHz, BPSK	270/0		96.334	100.700
	100MHz, QPSK			96.375	100.600
	100MHz, 16QAM			96.552	100.700
	100MHz, BPSK	1/0		0.596	0.999

LTE BAND 66

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
LTE BAND 66	1.4MHz, QPSK	6/0	1745.0	1.092	1.328
	1.4MHz, 16QAM			1.096	1.347
	3MHz, QPSK	15/0		2.704	2.960
	3MHz, 16QAM			2.702	2.947
	5MHz, QPSK	25/0		4.507	4.929
	5MHz, 16QAM			4.502	4.933
	10MHz, QPSK	50/0		8.967	9.770
	10MHz, 16QAM			8.980	9.836
	15MHz, QPSK	75/0		13.432	14.540
	15MHz, 16QAM			13.444	14.580
	20MHz, QPSK	100/0		17.875	19.430
	20MHz, 16QAM			17.901	19.570
	20MHz, QPSK	1/0		0.290	0.471

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	4.481	4.840
	5MHz, QPSK			4.465	4.834
	5MHz, 16QAM			4.481	4.826
	10MHz, BPSK	50/0		8.939	9.560
	10MHz, QPSK			8.930	9.550
	10MHz, 16QAM			8.966	9.553
	15MHz, BPSK	75/0		13.405	14.210
	15MHz, QPSK			13.396	14.150
	15MHz, 16QAM			13.445	14.180
	20MHz, BPSK	100/0		17.874	18.780
	20MHz, QPSK			17.860	18.850
	20MHz, 16QAM			17.902	18.880
	25MHz, BPSK	128/0		22.852	24.020
	25MHz, QPSK			22.819	24.000
	25MHz, 16QAM			22.909	24.070
	30MHz, BPSK	160/0		28.603	29.930
	30MHz, QPSK			28.530	29.860
	30MHz, 16QAM			28.636	29.930
	35MHz, BPSK	180/0		32.128	33.570
	35MHz, QPSK			32.097	33.580
	35MHz, 16QAM			32.188	33.610
	40MHz, BPSK	216/0		38.575	40.360
	40MHz, QPSK			38.608	40.290
	40MHz, 16QAM			38.673	40.320
		40MHz, BPSK		1/0	

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	4.480	4.851
	5MHz, QPSK			4.467	4.833
	5MHz, 16QAM			4.488	4.864
	10MHz, BPSK	50/0		8.940	9.544
	10MHz, QPSK			8.937	9.584
	10MHz, 16QAM			8.968	9.542
	15MHz, BPSK	75/0		13.411	14.230
	15MHz, QPSK			13.419	14.240
	15MHz, 16QAM			13.458	14.200
	15MHz, BPSK	1/0		0.247	0.409

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	4.51	4.957
	5MHz, 16QAM			4.501	4.923
	10MHz, QPSK	50/0	683	8.974	9.82
	10MHz, 16QAM			8.989	9.847
	15MHz, QPSK	75/0	680.5	13.457	14.57
	15MHz, 16QAM			13.451	14.49
	20MHz, QPSK	100/0	683	17.907	19.44
	20MHz, 16QAM			17.898	19.5
	20MHz, QPSK			0.266	0.452

5G NR n71

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
5G NR n71	5MHz, BPSK	25/0		4.481	4.854
	5MHz, QPSK			4.466	4.84
	5MHz, 16QAM			4.489	4.85
	10MHz, BPSK	50/0		8.94	9.554
	10MHz, QPSK			8.934	9.595
	10MHz, 16QAM			8.962	9.542
	15MHz, BPSK	75/0		13.416	14.23
	15MHz, QPSK			13.414	14.28
	15MHz, 16QAM			13.453	14.2
	20MHz, BPSK	100/0		17.878	18.79
	20MHz, QPSK			17.859	18.8
	20MHz, 16QAM			17.908	17.908
	20MHz, BPSK	1/0		0.239	0.385

5G NR n77 (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	8.613	9.576
	10MHz, QPSK			8.584	9.561
	10MHz, 16QAM			8.635	9.660
	15MHz, BPSK	36/0		12.873	14.040
	15MHz, QPSK			12.868	14.080
	15MHz, 16QAM			12.901	13.990
	20MHz, BPSK	50/0		17.879	19.070
	20MHz, QPSK			17.860	19.130
	20MHz, 16QAM			17.926	19.110
	30MHz, BPSK	75/0		26.829	28.510
	30MHz, QPSK			26.843	28.540
	30MHz, 16QAM			26.915	28.480
	40MHz, BPSK	100/0		35.769	37.620
	40MHz, QPSK			35.753	37.790
	40MHz, 16QAM			35.831	37.860
	50MHz, BPSK	128/0		45.724	47.930
	50MHz, QPSK			45.655	47.910
	50MHz, 16QAM			45.822	48.030
	60MHz, BPSK	162/0		57.928	60.530
	60MHz, QPSK			57.755	60.530
	60MHz, 16QAM			57.970	60.630
	70MHz, BPSK	180/0		64.383	67.340
	70MHz, QPSK			64.168	67.360
	70MHz, 16QAM			64.412	67.470
	80MHz, BPSK	216/0		77.205	80.560
	80MHz, QPSK			77.196	80.560
	80MHz, 16QAM			77.348	80.670
	90MHz, BPSK	243/0		86.712	90.530
	90MHz, QPSK			86.811	90.440
	90MHz, 16QAM			86.912	90.470
	100MHz, BPSK	270/0		96.333	100.600
	100MHz, QPSK			96.453	100.600
	100MHz, 16QAM			96.584	100.700
	100MHz, BPSK	1/0		0.597	1.042

5G NR n77 (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	8.610	9.408
	10MHz, QPSK			8.578	9.452
	10MHz, 16QAM			8.587	9.504
	15MHz, BPSK	36/0		12.855	13.780
	15MHz, QPSK			12.845	13.850
	15MHz, 16QAM			12.894	13.750
	20MHz, BPSK	50/0		17.845	18.830
	20MHz, QPSK			17.864	19.110
	20MHz, 16QAM			17.936	19.120
	30MHz, BPSK	75/0		26.846	28.250
	30MHz, QPSK			26.862	28.210
	30MHz, 16QAM			26.939	28.240
	40MHz, BPSK	100/0		35.764	37.470
	40MHz, QPSK			35.844	37.560
	40MHz, 16QAM			35.875	37.650
	50MHz, BPSK	128/0		45.606	47.780
	50MHz, QPSK			45.673	47.700
	50MHz, 16QAM			45.818	47.720
	60MHz, BPSK	162/0		57.869	60.480
	60MHz, QPSK			57.831	60.340
	60MHz, 16QAM			57.777	60.250
	70MHz, BPSK	180/0		64.333	67.250
	70MHz, QPSK			64.267	67.290
	70MHz, 16QAM			64.322	67.310
	80MHz, BPSK	216/0		77.184	80.310
	80MHz, QPSK			76.952	80.140
	80MHz, 16QAM			77.261	80.440
	90MHz, BPSK	243/0		86.615	90.380
	90MHz, QPSK			86.493	90.340
	90MHz, 16QAM			86.711	90.400
	100MHz, BPSK	270/0		96.310	100.400
	100MHz, QPSK			96.231	100.600
	100MHz, 16QAM			96.190	100.600
	100MHz, BPSK	1/0		0.597	1.027

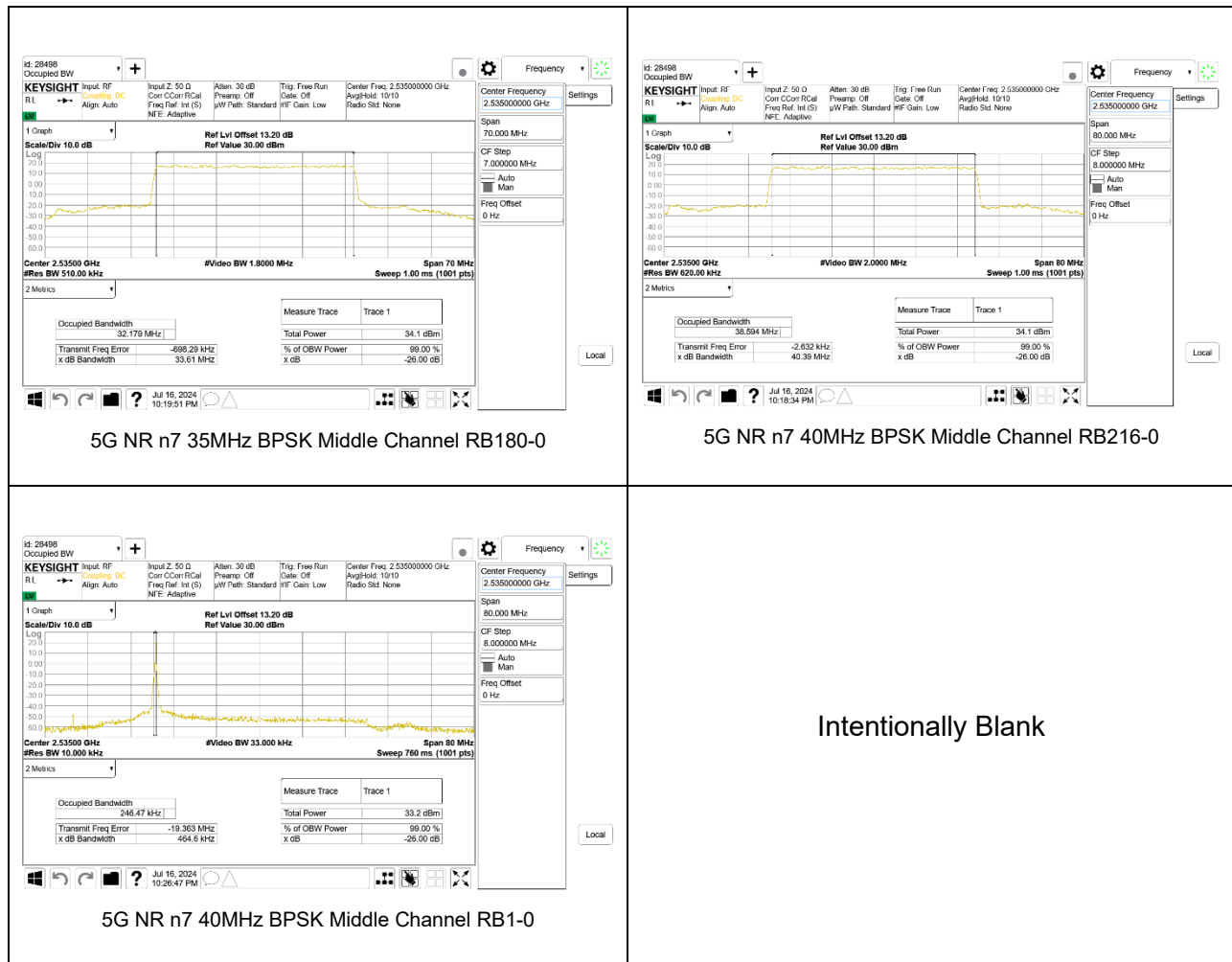
9.1.1. LTE BAND 7 AND 5G NR n7

LTE BAND 7



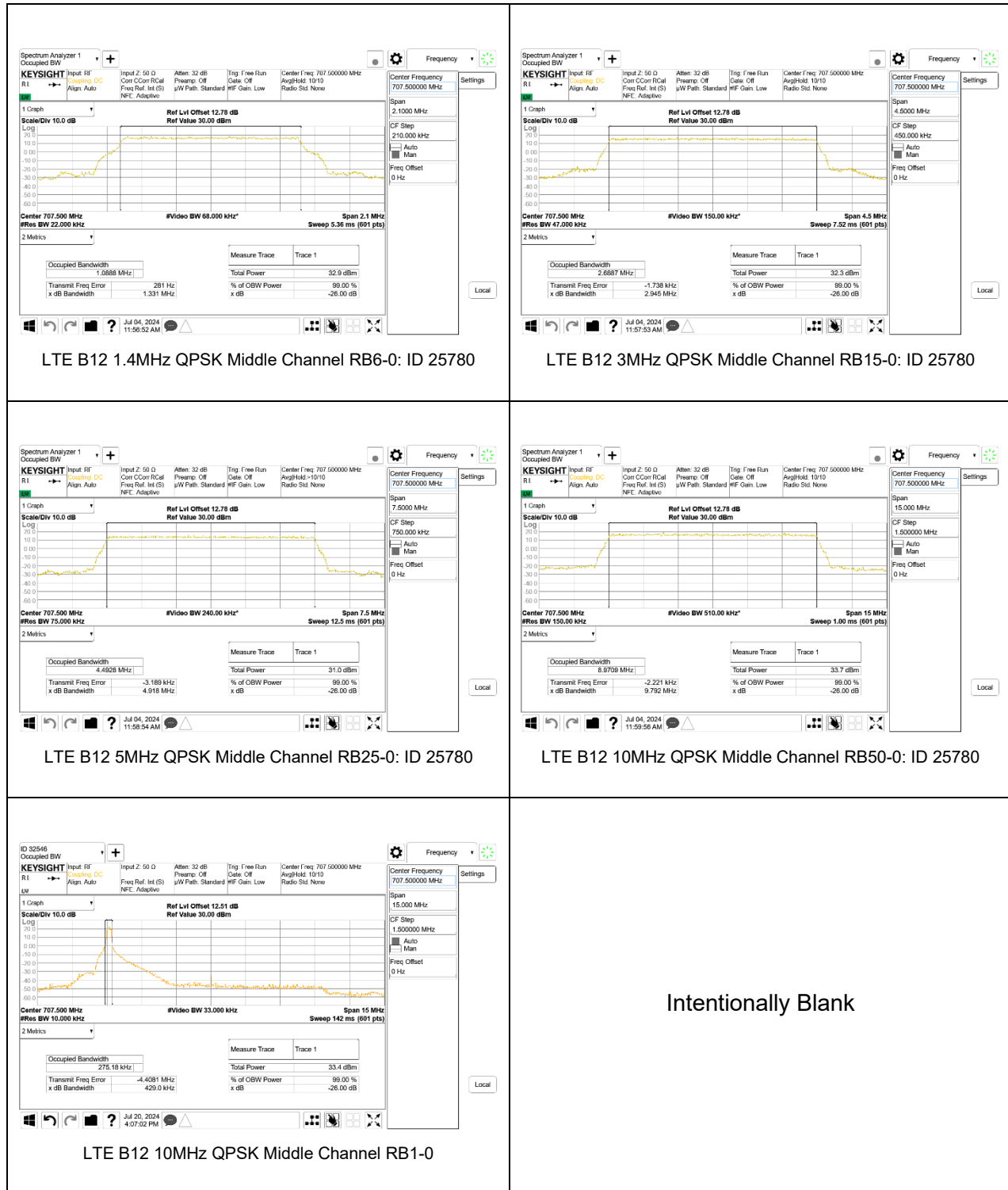
5G NR n7



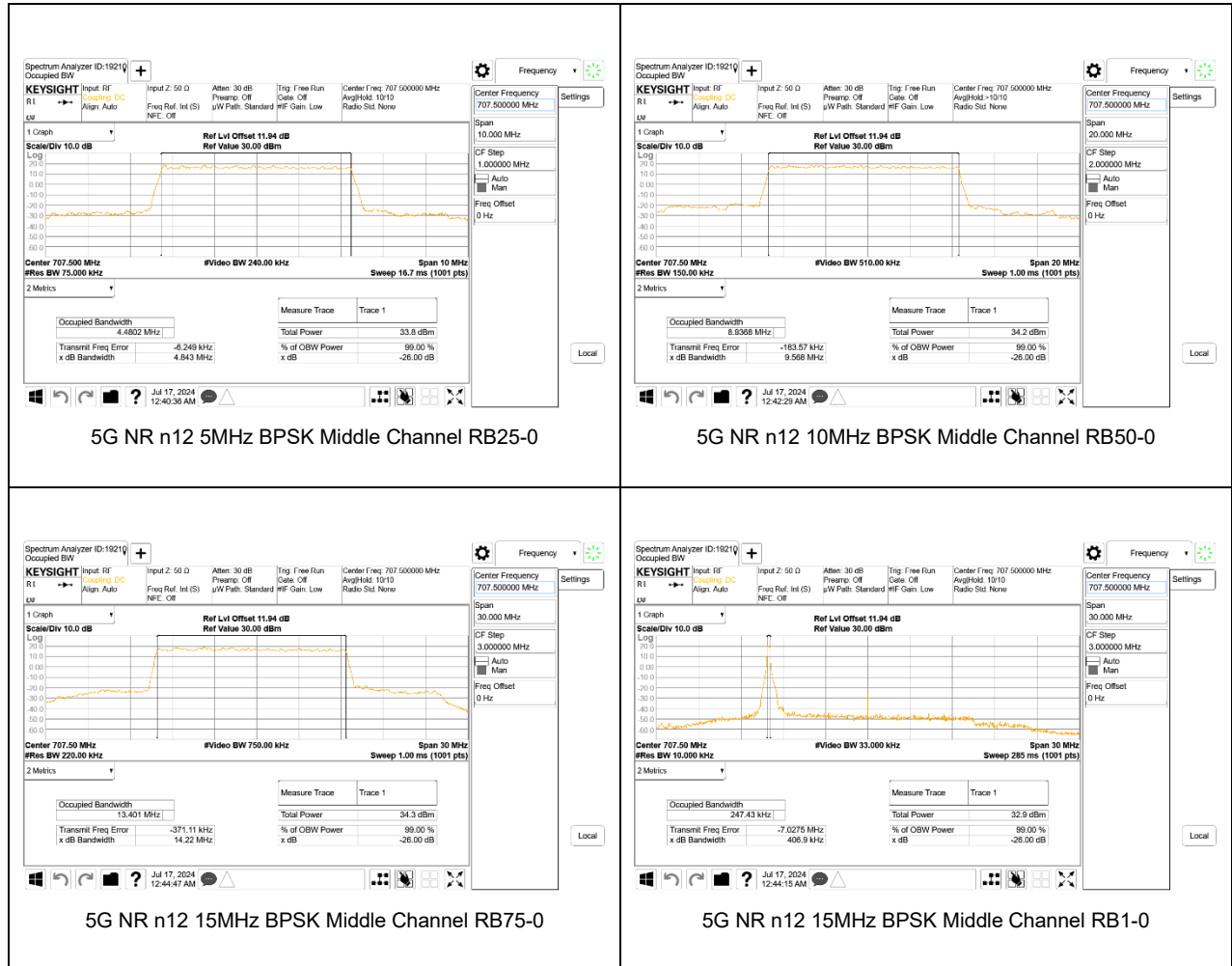


9.1.2. LTE BAND 12 AND 5G NR n12

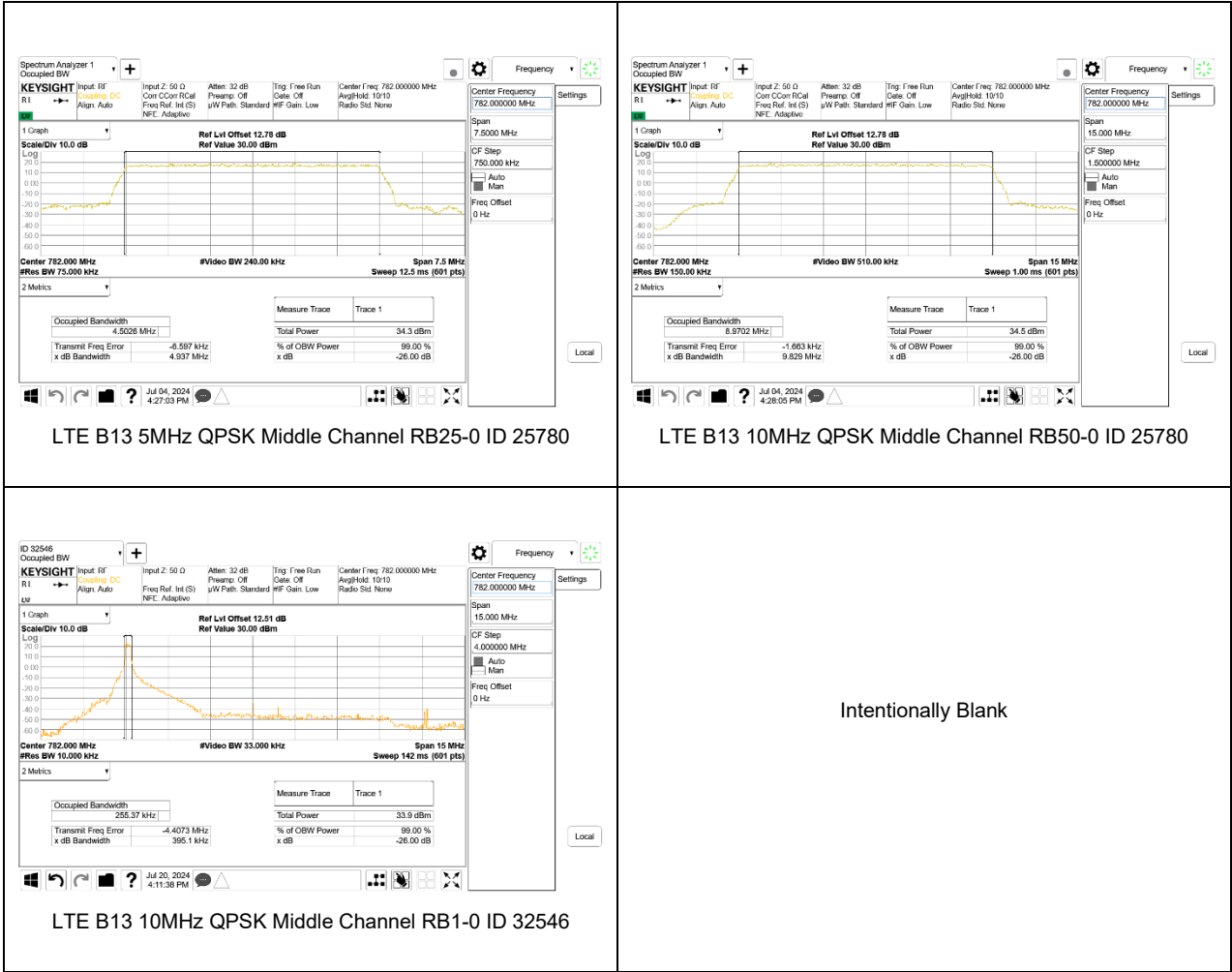
LTE BAND 12



5G NR n12



9.1.3. LTE BAND 13



9.1.4. LTE BAND 14 AND 5G NR n14

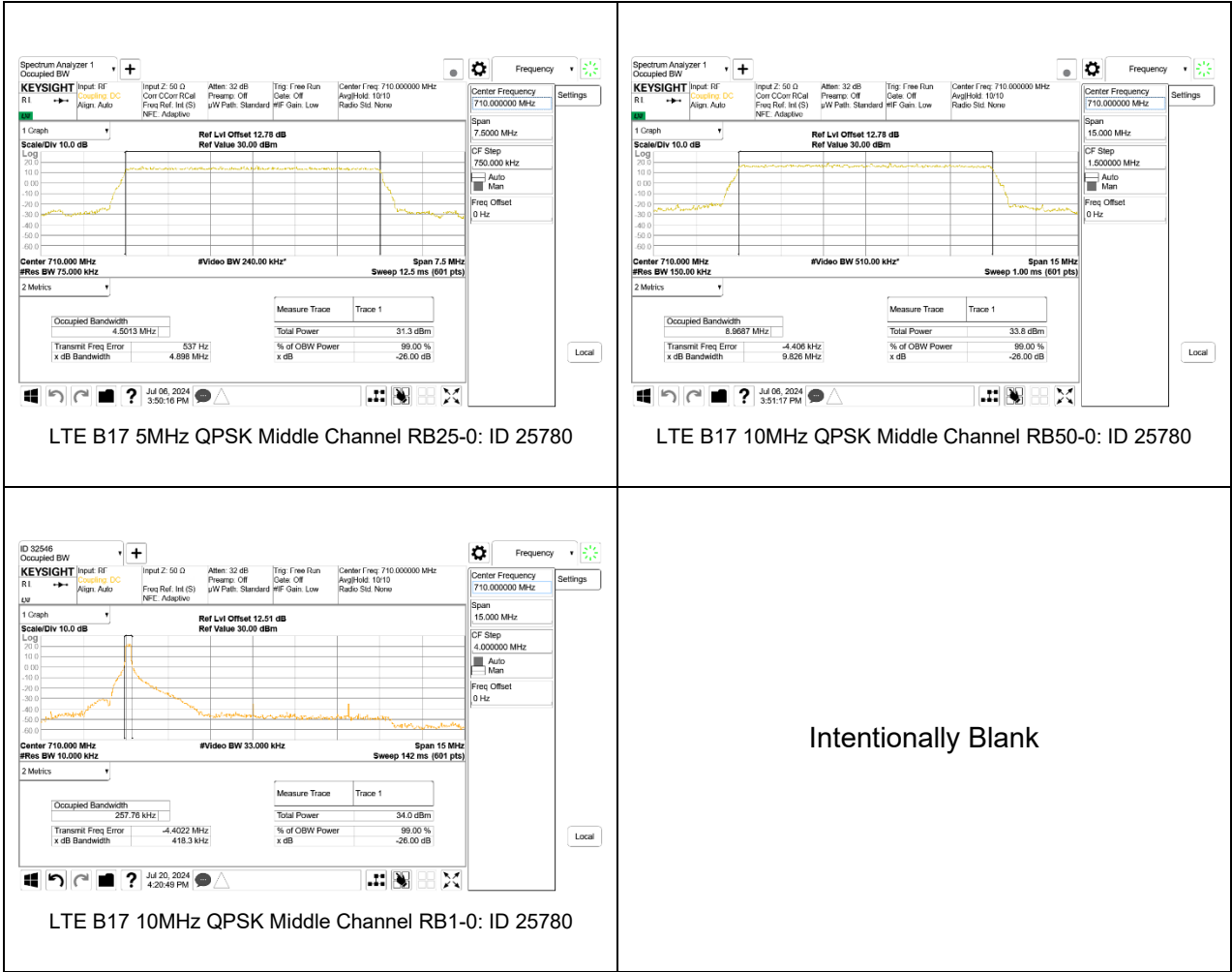
LTE BAND 14



5G NR n14



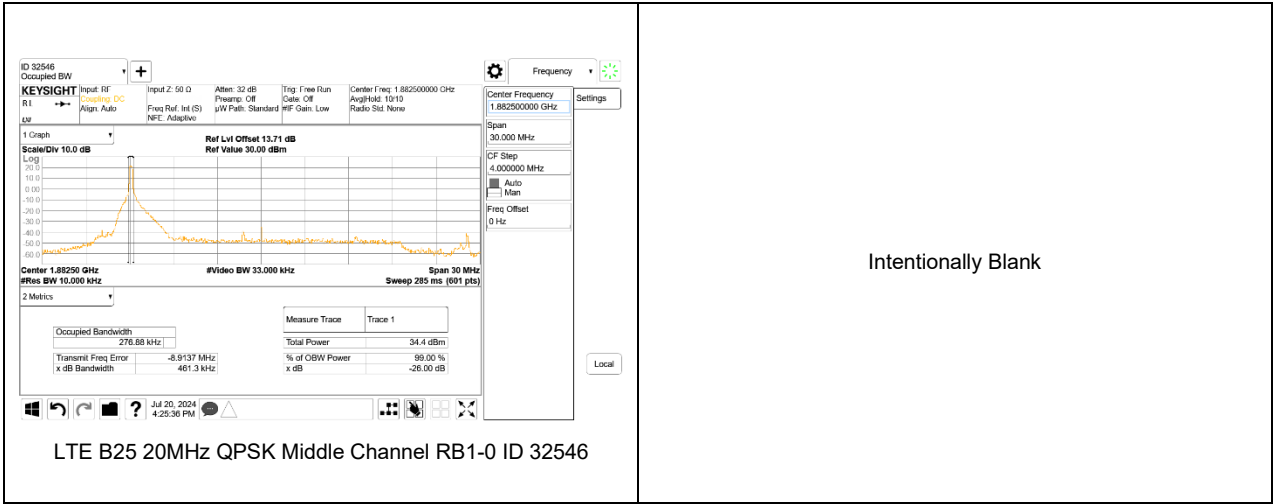
9.1.5. LTE BAND 17



9.1.6. LTE BAND 25 AND 5G NR n25

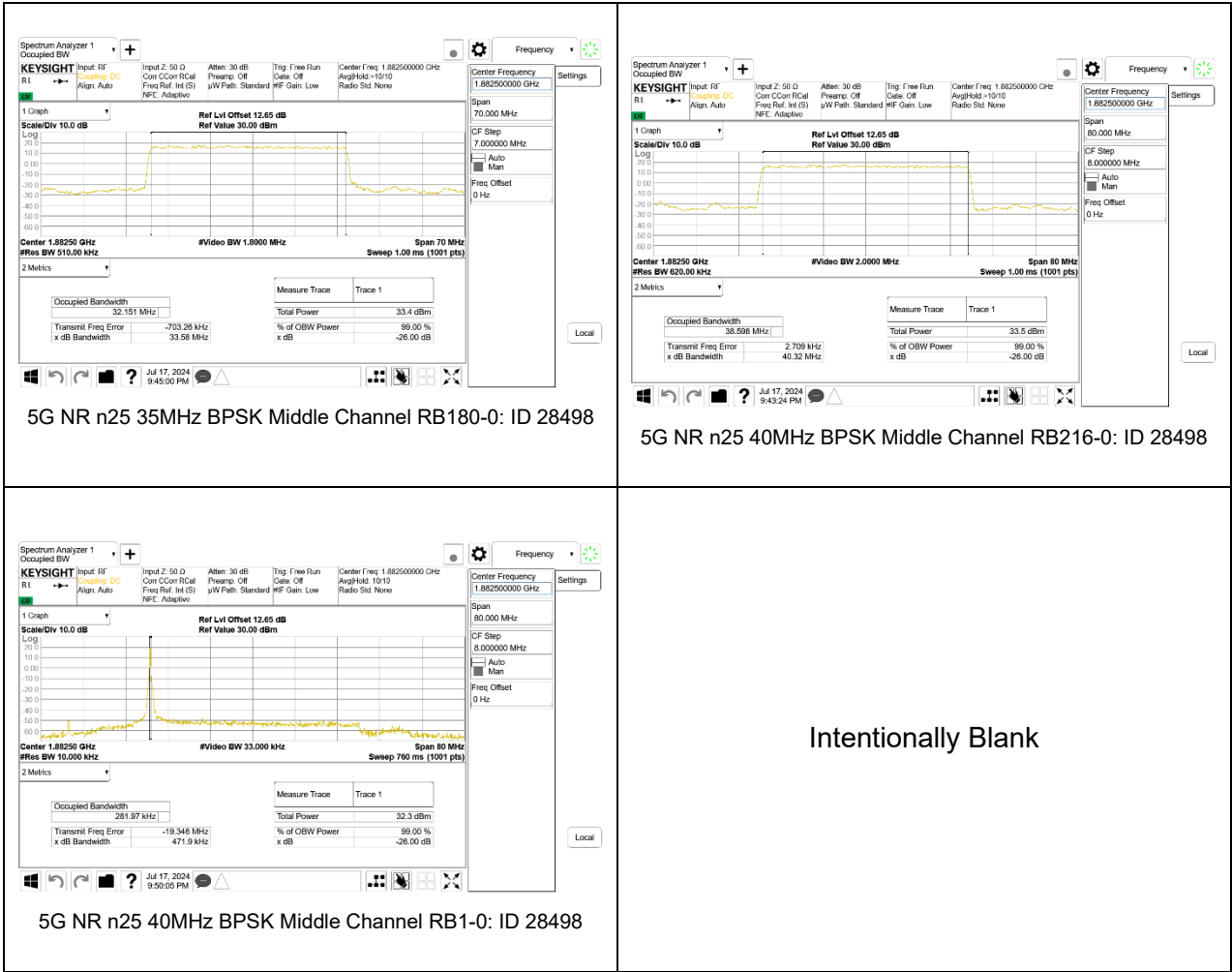
LTE BAND 25





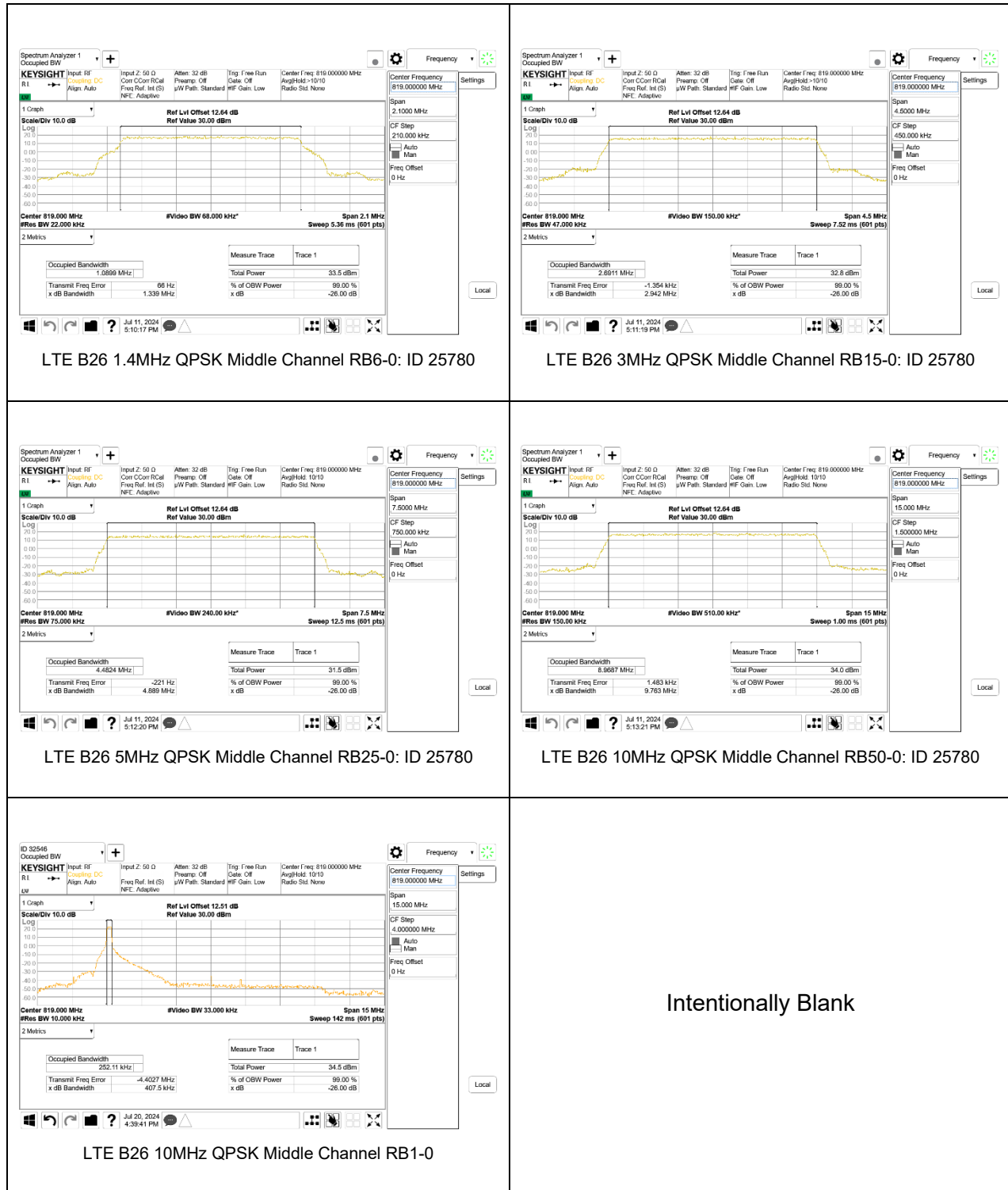
5G NR n25





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

LTE BAND 26



5G NR n26

