

TEST REPORT

Report Number : 14523778-E14V2

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

Model : A2847

Brand : APPLE

FCC ID : BCG-E8431A

EUT Description : SMARTPHONE

Test Standard(s) : FCC 47 CFR PART 2, 22H, 24E, 27, 90S, 90R, AND96

Date Of Issue:
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Revision History

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TABLE OF CONTENTS

1. ATTESTATION OF TEST RESULTS	9
2. SUMMARY OF TEST RESULTS	10
3. TEST METHODOLOGY	12
4. FACILITIES AND ACCREDITATION	12
5. DECISION RULES AND MEASUREMENT UNCERTAINTY	13
5.1. METROLOGICAL TRACEABILITY	13
5.2. DECISION RULES	13
5.3. MEASUREMENT UNCERTAINTY	13
5.4. SAMPLE CALCULATION.....	13
6. EQUIPMENT UNDER TEST	14
6.1. DESCRIPTION OF EUT	14
6.2. MAXIMUM OUTPUT POWER	14
6.3. SOFTWARE AND FIRMWARE	29
6.4. MAXIMUM ANTENNA GAIN	29
6.5. WORST-CASE CONFIGURATION AND MODE	30
6.6. DESCRIPTION OF TEST SETUP	32
7. TEST AND MEASUREMENT EQUIPMENT	34
8. RF OUTPUT POWER VERIFICATION	35
8.1. LTE BAND 7 AND 5G NR n7.....	36
8.2. LTE BAND 12 AND 5G NR n12.....	42
8.3. LTE BAND 13.....	46
8.4. LTE BAND 14 AND 5G NR n14.....	47
8.5. LTE BAND 17.....	49
8.6. LTE BAND 25 AND 5G NR n25.....	50
8.7. LTE BAND 26 AND 5G NR 26 (Part 90S).....	57
8.8. LTE BAND 26 AND 5G NR n26 (Part 22).....	60
8.9. LTE BAND 30 AND 5G NR n30.....	64
8.10. LTE BAND 41 AND 5G NR n41.....	66
8.11. LTE BAND 48 AND 5G NR n48.....	74
8.12. LTE BAND 66 AND 5G NR n66.....	79
8.13. 5G NR n70	86
8.14. LTE BAND 71 AND 5G NR n71.....	88

8.15. 5G NR n77 (Part 27 3450-3550MHz) 92

8.16. 5G NR n77 (Part 27 3700-3980MHz) 98

9. CONDUCTED TEST RESULTS 104

9.1. OCCUPIED BANDWIDTH 104

9.1.1. LTE BAND 7 AND 5G NR n7..... 117

9.1.2. LTE BAND 12 AND 5G NR n12..... 120

9.1.3. LTE BAND 13..... 122

9.1.4. LTE BAND 14 AND 5G NR n14..... 123

9.1.5. LTE BAND 17..... 125

9.1.6. LTE BAND 25 AND 5G NR n25..... 126

9.1.7. LTE BAND 26 AND 5G NR n26 (PART 90S)..... 130

9.1.8. LTE BAND 26 AND 5G NR n26 (PART 22)..... 132

9.1.9. LTE BAND 30 AND 5G NR n30..... 134

9.1.10. LTE BAND 41 AND 5G NR n41 136

9.1.11. LTE BAND 48 AND 5G NR n48 139

9.1.12. LTE BAND 66 AND 5G NR n66 141

9.1.13. 5G NR n70..... 145

9.1.14. LTE BAND 71 AND 5G NR n71 146

9.1.15. 5G NR n77 (Part 27 3450-3550MHz)..... 148

9.1.16. 5G NR n77 (Part 27 3700-3980MHz)..... 150

9.2. EMISSION MASK AND ADJACENT CHANNEL POWER..... 152

9.2.1. LTE BAND 7 AND 5G NR n7..... 154

9.2.2. TE BAND 12 AND 5G NR n12..... 173

9.2.3. LTE BAND 13..... 185

9.2.4. LTE BAND 14 AND 5G NR n14..... 188

9.2.5. LTE BAND 17..... 193

9.2.6. LTE BAND 25 AND 5G NR n25..... 196

9.2.7. LTE BAND 26 AND 5G NR n26 (PART 90S)..... 207

9.2.8. LTE BAND 26 AND 5G NR n26 (PART 22)..... 213

9.2.9. LTE BAND 30 AND 5G NR n30..... 219

9.2.10. LTE BAND 41 AND 5G NR n41 226

9.2.11. TE BAND 48 AND 5G NR n48 250

9.2.12. LTE BAND 66 AND 5G NR n66 279

9.2.13. 5G NR n70..... 290

9.2.14. LTE BAND 71 AND 5G NR n71 293

9.2.15. 5G NR n77 (Part 27 3450-3550MHz)..... 306

9.2.16. 5G NR n77 (Part 27 3700-3980MHz)..... 323

9.3. OUT OF BAND EMISSIONS 341

9.3.1. LTE BAND 7 AND 5G NR n7..... 342

9.3.2. LTE BAND 12 AND 5G NR n12..... 349

9.3.3. LTE BAND 13..... 354

9.3.4. LTE BAND 14 AND 5G NR n14..... 355

9.3.5. LTE BAND 17..... 357

9.3.6. LTE BAND 25 AND 5G NR n25..... 359

9.3.7. LTE BAND 26 AND 5G NR n26 (PART 90S)..... 367

9.3.8. LTE BAND 26 AND 5G NR n26 (PART 22)..... 370

9.3.9. LTE BAND 30 AND 5G NR n30..... 375

9.3.10. LTE BAND 41 AND 5G NR n41 379

9.3.11. LTE BAND 48 AND 5G NR n48 388

9.3.12. LTE BAND 66 AND 5G NR n66 398

9.3.13. 5G NR n70..... 406

9.3.14. LTE BAND 71 AND 5G NR n71 408

9.3.15. 5G NR n77 (Part 27 3450-3550MHz)..... 413

9.3.16. 5G NR n77 (Part 27 3700-3980MHz)..... 419

9.4. FREQUENCY STABILITY 425

9.4.1. LTE BAND 7 AND 5G NR n7..... 426

9.4.2. LTE BAND 12 AND 5G NR n12..... 428

9.4.3. LTE BAND 13..... 430

9.4.4. LTE BAND 14 AND 5G NR n14..... 431

9.4.5. LTE BAND 17..... 433

9.4.6. LTE BAND 25 AND 5G NR n25..... 434

9.4.7. LTE BAND 26 AND 5G NR n26 (PART 90S)..... 436

9.4.8. LTE BAND 26 AND 5G NR n26 (PART 22)..... 438

9.4.9. LTE BAND 30 AND 5G NR n30..... 440

9.4.10. LTE BAND 41 AND 5G NR n41 442

9.4.11. LTE BAND 48 AND 5G NR n48 444

9.4.12. LTE BAND 66 AND 5G NR n66 446

9.4.13. 5G NR n70..... 448

9.4.14. LTE BAND 71 AND 5G NR n71 449

9.4.15. 5G NR n77 (Part 27 3450-3550MHz)..... 451

9.4.16. 5G NR n77 (Part 27 3700-3980MHz)..... 452

9.5. PEAK-TO-AVERAGE POWER RATIO 453

9.5.1. LTE BAND 7 AND 5G NR n7..... 454

9.5.2. LTE BAND 12 AND 5G NR n12..... 459

9.5.3. LTE BAND 13..... 462

9.5.4. LTE BAND 14 AND 5G NR n14..... 463

9.5.5. LTE BAND 17..... 465

9.5.6. LTE BAND 25 AND 5G NR n25..... 466

9.5.7. LTE BAND 26 AND 5G NR n26 (PART 90S)..... 471

9.5.8. LTE BAND 26 AND 5G NR n26 (PART 22)..... 474

9.5.9. LTE BAND 30 AND 5G NR n30..... 478

9.5.10. LTE BAND 41 AND 5G NR n41 480

9.5.11. LTE BAND 48 AND 5G NR n48 481

9.5.12. LTE BAND 66 AND 5G NR n66 482

9.5.13. 5G NR n70..... 487

9.5.14. LTE BAND 71 AND 5G NR n71 488

9.5.15. 5G NR n77 (Part 27 3450-3550MHz)..... 492

9.5.16. 5G NR n77 (Part 27 3700-3980MHz)..... 493

10. RADIATED TEST RESULTS..... 494

10.1. FIELD STRENGTH OF SPURIOUS RADIATION, ANT1 497

10.1.1. LTE BAND 7 AND 5G NR n7 498

10.1.2. LTE BAND 12 AND 5G NR n12 501

10.1.3. LTE BAND 13 504

10.1.4. LTE BAND 14 AND 5G NR n14 505

10.1.5. LTE BAND 17 507

10.1.6. LTE BAND 25 AND 5G NR n25 509

10.1.7. LTE BAND 26 AND 5G NR n26 (PART 90S)..... 512

10.1.8. LTE BAND 26 AND 5G NR n26 (PART 22) 513

10.1.9. LTE BAND 30 AND 5G NR n30 515

10.1.10. LTE BAND 41 AND 5G NR n41 517

10.1.11. LTE BAND 66 AND 5G NR n66 519

10.1.12. 5G NR n70..... 522

10.1.13. LTE BAND 71 AND 5G NR n71 523

10.2. FIELD STRENGTH OF SPURIOUS RADIATION, ANT2 526

10.2.1. LTE BAND 7 AND 5G NR n7 527

10.2.2.	LTE BAND 12 AND 5G NR n12	530
10.2.3.	LTE BAND 13	533
10.2.4.	LTE BAND 14 AND 5G NR n14	534
10.2.5.	LTE BAND 17	536
10.2.6.	LTE BAND 25 AND 5G NR n25	538
10.2.7.	LTE BAND 26 AND 5G NR n26 (PART 90S)	541
10.2.8.	LTE BAND 26 AND 5G NR n26 (PART 22)	542
10.2.9.	LTE BAND 30 AND 5G NR n30	544
10.2.10.	LTE BAND 41 AND 5G NR n41	546
10.2.11.	LTE BAND 66 AND 5G NR n66	548
10.2.12.	5G NR n70.....	551
10.2.13.	LTE BAND 71 AND 5G NR n71	552
10.3.	FIELD STRENGTH OF SPURIOUS RADIATION, ANT3	555
10.3.1.	LTE BAND 7 AND 5G NR n7	556
10.3.2.	LTE BAND 12 AND 5G NR n12	559
10.3.3.	LTE BAND 13	562
10.3.4.	LTE BAND 14 AND 5G NR n14	563
10.3.5.	LTE BAND 17	565
10.3.6.	LTE BAND 25 AND 5G NR n25	567
10.3.7.	LTE BAND 26 AND 5G NR n26 (PART 90S)	570
10.3.8.	LTE BAND 26 AND 5G NR n26 (PART 22)	571
10.3.9.	LTE BAND 30 AND 5G NR n30	573
10.3.10.	LTE BAND 41 AND 5G NR n41	575
10.3.11.	LTE BAND 66 AND 5G NR n66	577
10.3.12.	5G NR n70.....	580
10.3.13.	LTE BAND 71 AND 5G NR n71	581
10.4.	FIELD STRENGTH OF SPURIOUS RADIATION, ANT4	584
10.4.1.	LTE BAND 7 AND 5G NR n7	585
10.4.2.	LTE BAND 25 AND 5G NR n25	588
10.4.3.	LTE BAND 30 AND 5G NR n30	591
10.4.4.	LTE BAND 41 AND 5G NR n41	593
10.4.5.	LTE BAND 48 AND 5G NR n48	595
10.4.6.	LTE BAND 66 AND 5G NR n66	597
10.4.7.	5G NR n70.....	600
10.4.8.	5G NR n77 (Part 27 3450-3550MHz).....	601

10.4.10. 5G NR n77 (Part 27 3700-3980MHz)..... 602

10.5. FIELD STRENGTH OF SPURIOUS RADIATION, ANT7 603

10.5.1. LTE BAND 48 AND 5G NR n48 604

10.5.2. 5G NR n77 (Part 27 3450-3550MHz)..... 606

10.5.3. 5G NR n77 (Part 27 3700-3980MHz)..... 607

10.6. FIELD STRENGTH OF SPURIOUS RADIATION, ANT8 608

10.6.1. LTE BAND 48 AND 5G NR n48 609

10.6.2. 5G NR n77 (Part 27 3450-3550MHz)..... 611

10.6.3. 5G NR n77 (Part 27 3700-3980MHz)..... 612

10.7. FIELD STRENGTH OF SPURIOUS RADIATION, ANT9 613

10.7.1. LTE BAND 48 AND 5G NR n48 614

10.7.2. 5G NR n77 (Part 27 3450-3550MHz)..... 616

10.7.3. 5G NR n77 (Part 27 3700-3980MHz)..... 617

11. SETUP PHOTOS..... 618

1. ATTESTATION OF TEST RESULTS

Applicant Name and Address	APPLE, INC 1 APPLE PARK WAY CUPERTINO, CA 95014, U.S.A
Model	A2847
Brand	APPLE
FCC ID	BCG-E8431A
EUT Description	SMARTPHONE
Serial Number	HVGGRN0004H00004CC, HVGUG0003R00004CA (CONDUCTED), AND FC2F7V909F, R409717T71 (RADIATED)
Sample Receipt Date	2022-11-11
Date Tested	2022-11-11 to 2023-07-27
Applicable Standards	FCC 47 CFR PART 2, 22H, 24E, 27, 90S, 90R, AND 96
Test Results	COMPLIES

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

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

This document may not be altered or revised in any way unless done so by UL Verification Services Inc. and all revisions are duly noted in the revisions section. Any alteration of this document not carried out by UL Verification Services Inc. will constitute fraud and shall nullify the document. This report must not be used by the client to claim product certification, approval, or endorsement by A2LA, NIST, any agency of the Federal Government, or any agency of the U.S. government.

Approved & Released By:	Reviewed By:	Prepared By:
		
Mengistu Mekuria Operations Leader UL Verification Services Inc.	Tewodros Woldemichael Laboratory Engineer UL Verification Services Inc.	Binod Sitaula Laboratory Engineer Associate UL Verification Services Inc.

2. SUMMARY OF TEST RESULTS

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

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

1. Antenna gain and type (see section 6.4)

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

Requirement Description	Requirement Clause Number (FCC)	Result*	Remarks
Occupied Bandwidth	2.1049	Compiles	
Band Edge and Emission Mask	2.1051, 22.917 (a), 24.238 (a), 27.53 (h), 27.53 (m)(4) & (m) (6), 96.41(e) , 27.53 (g), 27.53 (c) (f), 27.53(a), 27.53(l), 90.543 (e)(f), 90.691 (a), 96.41(e)	Compiles	
Out of Band Emissions	2.1051, 22.917 (a), 24.238 (a), 27.53 (h), 27.53 (m)(4) & (m) (6), 96.41(e) , 27.53 (g), 27.53 (c) (f), 27.53(a), 27.53(l), 90.543 (e)(f), 90.691 (a), 96.41(e)	Compiles	
Frequency Stability	2.1055, 22.355, 24.235, 27.54, 90.539, 90.213	Compiles	
Peak-to-Average Ratio	22.913 (d), 24.232 (d), 27.50 (d) (5), 27.50 (j) (4), 96.41 (g)	Compiles	
Field Strength of Spurious Radiation	2.1053, 22.917 (a), 24.238 (a), 27.53 (h), 27.53 (m)(4) & (m) (6), 96.41(e) , 27.53 (g), 27.53 (c) (f), 27.53(a), 27.53(l), 90.543 (e)(f), 90.691 (a), 96.41(e)	Compiles	

3. TEST METHODOLOGY

The tests documented in this report were performed in accordance with the following:

- ANSI C63.26:2015
- FCC 47 CFR Part 2, Part 22, Part 24, Part 27, Part 90, and Part 96
- [FCC KDB 971168 D01 v03r01](#): Power Meas License Digital Systems
- [FCC KDB 971168 D02 v02r02](#): Misc Rev Approv License Devices
- [FCC KDB 412172 D01 v01r01](#): Determining ERP and EIRP

4. FACILITIES AND ACCREDITATION

UL Verification Services Inc. is accredited by A2LA, certification #0751.05, for all testing performed within the scope of this report. Testing was performed at the locations noted below.

	Address	ISED CABID	ISED Company Number	FCC Registration
<input checked="" type="checkbox"/>	Building 1: 47173 Benicia Street, Fremont, CA 94538, USA	US0104	2324A	550739
<input checked="" type="checkbox"/>	Building 2: 47266 Benicia Street, Fremont, CA 94538, USA			
<input type="checkbox"/>	Building 3: 843 Auburn Court, Fremont, CA 94538, USA			
<input checked="" type="checkbox"/>	Building 4: 47658 Kato Rd, Fremont, CA 94538, USA			
<input checked="" type="checkbox"/>	Building 5: 47670 Kato Rd, Fremont, CA 94538, USA			

5. DECISION RULES AND MEASUREMENT UNCERTAINTY

5.1. METROLOGICAL TRACEABILITY

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

5.2. DECISION RULES

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

5.3. MEASUREMENT UNCERTAINTY

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

PARAMETER	U _{Lab}
Conducted Antenna Port Emission Measurement	1.940
Power Spectral Density	2.466
Time Domain Measurements Using SA	3.39
RF Power Measurement Direct Method Using Power Meter	0.450 Peak; 1.300 Ave.
Radio Frequency (Spectrum Analyzer)	141.16 Hz
Occupied Bandwidth	1.22%
Worst Case Conducted Disturbance, 9KHz to 0.15 MHz	3.78 db
Worst Case Conducted Disturbance, 0.15 to 30 MHz	3.40 db
Worst Case Radiated Disturbance, 9KHz to 30 MHz	2.87 db
Worst Case Radiated Disturbance, 30 to 1000 MHz	6.01 db
Worst Case Radiated Disturbance, 1000 to 18000 MHz	4.73 db
Worst Case Radiated Disturbance, 18000 to 26000 MHz	4.51 db
Worst Case Radiated Disturbance, 26000 to 40000 MHz	5.29 db

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

5.4. SAMPLE CALCULATION

RADIATED EMISSIONS

Where relevant, the following sample calculation is provided:

$$\text{Field Strength (dBuV/m)} = \text{Measured Voltage (dBuV)} + \text{Antenna Factor (dB/m)} + \text{Cable Loss (dB)} - \text{Preamp Gain (dB)}$$

$$36.5 \text{ dBuV} + 18.7 \text{ dB/m} + 0.6 \text{ dB} - 26.9 \text{ dB} = 28.9 \text{ dBuV/m}$$

6. EQUIPMENT UNDER TEST

6.1. DESCRIPTION OF EUT

The Apple iPhone is a smartphone with cellular GSM, GPRS, EGPRS, UMTS, LTE, 5G NR1, 5G NR2, IEEE 802.11a/b/g/n/ac/ax, Bluetooth (BT), Ultra-Wideband (UWB), GPS, NFC, 802.15ab-NB and MSS technologies. The rechargeable battery is not user accessible.

6.2. MAXIMUM OUTPUT POWER

EIRP/ERP TEST PROCEDURE

ANSI C63.26:2015
KDB 971168 D01 Section 5.6

$ERP/EIRP = P_{Meas} + GT - LC$

where: ERP/EIRP = effective or equivalent radiated power, respectively (expressed in the same units as P_{Meas} , typically dBW or dBm);

P_{Meas} = measured transmitter output power or PSD, in dBm or dBW;

GT = gain of the transmitting antenna, in dBd (ERP) or dBi (EIRP);

LC = signal attenuation in the connecting cable between the transmitter and antenna, in dB.

For devices utilizing multiple antennas, KDB 662911 provides guidance for determining the effective array transmit antenna gain term to be used in the above equation.

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

LTE BAND 7

Part 27								
EIRP Limit (W)		2.00						
Antenna Gain (dBi)_Ant(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	2502.5	2567.5	25.00	25.90	0.389	4508	4M51G7W
	16QAM			24.44	25.34	0.342	4501	4M50D7W
10.0	QPSK	2505.0	2565.0	25.00	25.90	0.389	8998	9M00G7W
	16QAM			24.33	25.23	0.333	8995	9M00D7W
15.0	QPSK	2507.5	2562.5	25.00	25.90	0.389	13457	13M5G7W
	16QAM			24.30	25.20	0.331	13477	13M5D7W
20.0	QPSK	2510.0	2560.0	25.00	25.90	0.389	17929	17M9G7W
	16QAM			24.35	25.25	0.335	17940	17M9D7W

5G NR n7

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	BPSK	2502.5	2567.5	25.00	25.90	0.389	4491	4M49G7W
	QPSK			24.97	25.87	0.386	4474	4M47G7W
	16QAM			24.38	25.28	0.337	4488	4M49D7W
10.0	BPSK	2505.0	2565.0	25.00	25.90	0.389	8946	8M95G7W
	QPSK			24.97	25.87	0.386	8971	8M97G7W
	16QAM			24.24	25.14	0.327	8945	8M95D7W
15.0	BPSK	2507.5	2562.5	25.00	25.90	0.389	13433	13M4G7W
	QPSK			24.84	25.74	0.375	13451	13M5G7W
	16QAM			24.20	25.10	0.324	13377	13M4D7W
20.0	BPSK	2510.0	2560.0	24.99	25.89	0.388	17902	17M9G7W
	QPSK			25.00	25.90	0.389	17877	17M9G7W
	16QAM			24.28	25.18	0.330	17931	17M9D7W
25.0	BPSK	2512.5	2557.5	24.90	25.80	0.380	22835	22M8G7W
	QPSK			25.00	25.90	0.389	22909	22M9G7W
	16QAM			24.22	25.12	0.325	22913	22M9D7W
30.0	BPSK	2515.0	2555.0	25.00	25.90	0.389	28554	28M6G7W
	QPSK			24.99	25.89	0.388	28603	28M6G7W
	16QAM			24.31	25.21	0.332	28543	28M5D7W
35.0	BPSK	2517.5	2552.5	24.99	25.89	0.388	32157	32M2D7W
	QPSK			25.00	25.90	0.389	32126	32M1D7W
	16QAM			24.24	25.14	0.327	32229	32M2D7W
40.0	BPSK	2520.0	2550.0	24.96	25.86	0.385	38535	38M5G7W
	QPSK			25.00	25.90	0.389	38580	38M6G7W
	16QAM			24.51	25.41	0.348	38567	38M6D7W

LTE BAND 12

Part 27								
ERP Limit (W)		3.00						
Antenna Gain (dBi)_Ant(1)		-5.10						
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	18.45	0.070	1095	1M10G7W
	16QAM			25.17	17.92	0.062	1096	1M10D7W
3.0	QPSK	700.5	714.5	25.70	18.45	0.070	2704	2M70G7W
	16QAM			25.19	17.94	0.062	2701	2M70D7W
5.0	QPSK	701.5	713.5	25.70	18.45	0.070	4491	4M49G7W
	16QAM			25.22	17.97	0.063	4511	4M51D7W
10.0	QPSK	704.0	711.0	25.70	18.45	0.070	8964	8M96G7W
	16QAM			25.21	17.96	0.063	8987	8M99D7W

5G NR n12

Part 27								
ERP Limit (W)		3.00						
Antenna Gain (dBi)_Ant(1)		-5.10						
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	18.45	0.070	4469	4M47G7W
	QPSK			25.69	18.44	0.070	4477	4M48G7W
	16QAM			24.90	17.65	0.058	4492	4M49D7W
10.0	BPSK	704.0	711.0	25.65	18.40	0.069	8954	8M95G7W
	QPSK			25.70	18.45	0.070	8965	8M97G7W
	16QAM			24.91	17.66	0.058	8977	8M98D7W
15.0	BPSK	706.5	708.5	25.69	18.44	0.070	13421	13M4G7W
	QPSK			25.70	18.45	0.070	13460	13M5G7W
	16QAM			25.20	17.95	0.062	13389	13M4D7W

LTE BAND 13

Part 27								
ERP Limit (W)		3.00						
Antenna Gain (dBi)_Ant(1)		-5.10						
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	18.45	0.070	4505	4M51G7W
	16QAM			25.22	17.97	0.063	4509	4M51D7W
10.0	QPSK	782.0	782.0	25.70	18.45	0.070	8896	8M90G7W
	16QAM			25.13	17.88	0.061	8977	8M98D7W

LTE BAND 14

Part 90R								
ERP Limit (W)		3.00						
Antenna Gain (dBi)_Ant(1)		-5.10						
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	18.45	0.070	4501	4M50G7W
	16QAM			25.14	17.89	0.062	4508	4M51D7W
10.0	QPSK	793.0	793.0	25.70	18.45	0.070	8976	8M98G7W
	16QAM			25.17	17.92	0.062	8958	8M96D7W

5G NR n14

Part 90R								
ERP Limit (W)		3.00						
Antenna Gain (dBi)_Ant(1)		-5.10						
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	25.64	18.39	0.069	4500	4M50G7W
	QPSK			25.70	18.45	0.070	4508	4M51G7W
	16QAM			25.01	17.76	0.060	4489	4M49D7W
10.0	BPSK	793.0	793.0	25.61	18.36	0.069	8956	8M96G7W
	QPSK			25.70	18.45	0.070	8955	8M96G7W
	16QAM			25.01	17.76	0.060	8973	8M97D7W

LTE BAND 17

Part 27								
ERP Limit (W)		3.00						
Antenna Gain (dBi)_Ant(1)		-5.10						
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	18.45	0.070	4498	4M50G7W
	16QAM			25.17	17.92	0.062	4508	4M51D7W
10.0	QPSK	709.0	711.0	25.70	18.45	0.070	8986	8M99G7W
	16QAM			25.19	17.94	0.062	8986	8M99D7W

LTE BAND 25

Part 24								
EIRP Limit (W)		2.00						
Antenna Gain (dBi)_Ant(3)		0.60						
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (kHz)	Emission Designator
1.4	QPSK	1850.7	1914.3	25.50	26.10	0.407	1091	1M09G7W
	16QAM			24.76	25.36	0.344	1097	1M10D7W
3.0	QPSK	1851.5	1913.5	25.50	26.10	0.407	2701	2M70G7W
	16QAM			24.80	25.40	0.347	2701	2M70D7W
5.0	QPSK	1852.5	1912.5	25.50	26.10	0.407	4508	4M51G7W
	16QAM			24.83	25.43	0.349	4512	4M51D7W
10.0	QPSK	1855.0	1910.0	25.50	26.10	0.407	8986	8M99G7W
	16QAM			24.78	25.38	0.345	9014	9M01D7W
15.0	QPSK	1857.5	1907.5	25.50	26.10	0.407	13469	13M5G7W
	16QAM			24.85	25.45	0.351	13494	13M5D7W
20.0	QPSK	1860.0	1905.0	25.50	26.10	0.407	17946	17M9G7W
	16QAM			25.14	25.74	0.375	17961	18M0D7W

5G NR n25

Part 24								
EIRP Limit (W)		2.00						
Antenna Gain (dBi)_Ant(3)		0.60						
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (kHz)	Emission Designator
5.0	BPSK	1852.5	1912.5	25.50	26.10	0.407	4496	4M50G7W
	QPSK			25.46	26.06	0.404	4478	4M48G7W
	16QAM			24.77	25.37	0.344	4486	4M49D7W
10.0	BPSK	1855.0	1910.0	25.48	26.08	0.406	8987	8M99G7W
	QPSK			25.50	26.10	0.407	9012	9M01G7W
	16QAM			24.69	25.29	0.338	8960	8M96D7W
15.0	BPSK	1857.5	1907.5	25.50	26.10	0.407	13414	13M4G7W
	QPSK			25.46	26.06	0.404	13443	13M4G7W
	16QAM			24.71	25.31	0.340	13405	13M4D7W
20.0	BPSK	1860.0	1905.0	25.50	26.10	0.407	17913	17M9G7W
	QPSK			25.39	25.99	0.397	17887	17M9G7W
	16QAM			24.86	25.46	0.352	17953	18M0D7W
25.0	BPSK	1862.5	1902.5	25.50	26.10	0.407	22942	22M9G7W
	QPSK			25.49	26.09	0.406	22922	22M9G7W
	16QAM			25.33	25.93	0.392	22956	23M0D7W
30.0	BPSK	1865.0	1900.0	25.45	26.05	0.403	28644	28M6G7W
	QPSK			25.50	26.10	0.407	28688	28M7G7W
	16QAM			24.74	25.34	0.342	28631	28M6D7W
35.0	BPSK	1867.5	1897.5	25.50	26.10	0.407	32299	32M3D7W
	QPSK			25.40	26.00	0.398	32321	32M3D7W
	16QAM			25.42	26.02	0.400	32297	32M3D7W
40.0	BPSK	1870.0	1895.0	25.50	26.10	0.407	38561	38M6G7W
	QPSK			25.44	26.04	0.402	38673	38M7G7W
	16QAM			24.80	25.40	0.347	38627	38M6D7W

LTE BAND 26 (Part 90S)

Part 90S									
Conducted Limit (W)		100.00							
Antenna Gain (dBi) Ant(1)		-4.80							
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	Conducted Average (W)	ERP Average (dBm)	ERP Average (W)	99% BW (kHz)	Emission Designator
1.4	QPSK	814.7	823.3	25.70	0.37	18.75	0.075	1094	1M09G7W
	16QAM			25.36	0.34	18.41	0.069	1089	1M09D7W
3.0	QPSK	815.5	822.5	25.70	0.37	18.75	0.075	2702	2M70G7W
	16QAM			25.30	0.34	18.35	0.068	2707	2M71D7W
5.0	QPSK	816.5	821.5	25.70	0.37	18.75	0.075	4501	4M50G7W
	16QAM			25.44	0.35	18.49	0.071	4497	4M50D7W
10.0	QPSK	819.0	819.0	25.70	0.37	18.75	0.075	8989	8M99G7W
	16QAM			25.45	0.35	18.50	0.071	8973	8M97D7W

5G NR n26 (Part 90S)

Part 90S									
Conducted Limit (W)		100.00							
Antenna Gain (dBi) Ant(1)		-4.80							
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	Conducted Average (W)	ERP Average (dBm)	ERP Average (W)	99% BW (kHz)	Emission Designator
5.0	BPSK	816.5	821.5	25.70	0.37	18.75	0.075	4490	4M49G7W
	QPSK			25.67	0.37	18.72	0.074	4478	4M48G7W
	16QAM			25.10	0.32	18.15	0.065	4481	4M48D7W
10.0	BPSK	819.0	819.0	25.70	0.37	18.75	0.075	8913	8M91G7W
	QPSK			25.61	0.36	18.66	0.073	8942	8M94G7W
	16QAM			24.89	0.31	17.94	0.062	8954	8M95D7W

LTE BAND 26 (Part 22)

Part 22									
ERP Limit (W)		7.00							
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	
1.4	QPSK	824.7	848.3	25.70	18.75	0.075	1093	1M09G7W	
	16QAM			25.26	18.31	0.068	1096	1M10D7W	
3.0	QPSK	825.5	847.5	25.70	18.75	0.075	2704	2M70G7W	
	16QAM			25.25	18.30	0.068	2706	2M71D7W	
5.0	QPSK	826.5	846.5	25.70	18.75	0.075	4509	4M51G7W	
	16QAM			25.32	18.37	0.069	4503	4M50D7W	
10.0	QPSK	829.0	844.0	25.70	18.75	0.075	8984	8M98G7W	
	16QAM			25.30	18.35	0.068	8981	8M98D7W	

5G NR n26 (Part 22)

Part 22								
ERP Limit (W)		7.00						
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	826.5	846.5	25.70	18.75	0.075	4507	4M51G7W
	QPSK			25.63	18.68	0.074	4504	4M50G7W
	16QAM			25.11	18.16	0.065	4476	4M48D7W
10.0	BPSK	829.0	844.0	25.69	18.74	0.075	8942	8M94G7W
	QPSK			25.70	18.75	0.075	8971	8M97G7W
	16QAM			25.03	18.08	0.064	8967	8M97D7W
15.0	BPSK	816.5	841.5	25.70	18.75	0.075	13384	13M4G7W
	QPSK			25.67	18.72	0.074	13419	13M4G7W
	16QAM			24.79	17.84	0.061	13389	13M4D7W
20.0	BPSK	814.0	839.0	25.64	18.69	0.074	17854	17M9G7W
	QPSK			25.70	18.75	0.075	17874	17M9G7W
	16QAM			24.97	18.02	0.063	17873	17M9D7W

LTE BAND 30

Part 27								
EIRP Limit (W)		0.25						
Antenna Gain (dBi) Ant(3)		0.10						
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (kHz)	Emission Designator
5.0	QPSK	2307.5	2312.5	23.30	23.40	0.219	4501	4M50G7W
	16QAM			22.66	22.76	0.189	4506	4M51D7W
10.0	QPSK	2310.0	2310.0	23.30	23.40	0.219	8982	8M98G7W
	16QAM			22.65	22.75	0.188	8998	9M00D7W

5G NR n30

Part 27								
EIRP Limit (W)		0.25						
Antenna Gain (dBi) Ant(3)		0.10						
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (kHz)	Emission Designator
5.0	BPSK	2307.5	2312.5	23.30	23.40	0.219	4485	4M49G7W
	QPSK			22.88	22.98	0.199	4487	4M49G7W
	16QAM			21.84	21.94	0.156	4486	4M49D7W
10.0	BPSK	2310.0	2310.0	23.25	23.35	0.216	8932	8M93G7W
	QPSK			23.30	23.40	0.219	8945	8M95G7W
	16QAM			22.55	22.65	0.184	9004	9M00D7W

LTE BAND 41

Part 27								
EIRP Limit (W)		2.00						
Antenna Gain (dBi)_Ant(3)		-0.10						
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (kHz)	Emission Designator
5.0	QPSK	2498.5	2687.5	28.00	27.90	0.617	4494	4M49G7W
	16QAM			27.85	27.75	0.596	4498	4M50D7W
10.0	QPSK	2501.0	2685.0	28.00	27.90	0.617	8991	8M99G7W
	16QAM			27.69	27.59	0.574	8977	8M98D7W
15.0	QPSK	2503.5	2682.5	28.00	27.90	0.617	13447	13M4G7W
	16QAM			27.59	27.49	0.561	13467	13M5D7W
20.0	QPSK	2506.0	2680.0	28.00	27.90	0.617	17929	17M9G7W
	16QAM			27.81	27.71	0.590	17903	17M9D7W

5G NR n41

Part 27								
EIRP Limit (W)		2.00						
Antenna Gain (dBi)_Ant(3)		-0.10						
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (kHz)	Emission Designator
10.0	BPSK	2501.0	2685.0	27.90	27.80	0.603	8621	8M62G7W
	QPSK			28.00	27.90	0.617	8648	8M65G7W
	16QAM			27.55	27.45	0.556	8679	8M68D7W
15.0	BPSK	2503.5	2682.5	27.96	27.86	0.611	12976	13M0G7W
	QPSK			28.00	27.90	0.617	12964	13M0G7W
	16QAM			27.48	27.38	0.547	12913	12M9D7W
20.0	BPSK	2506.5	2680.0	28.00	27.90	0.617	17990	18M0G7W
	QPSK			27.84	27.74	0.594	17933	17M9G7W
	16QAM			27.11	27.01	0.502	17872	17M9D7W
30.0	BPSK	2511.0	2675.0	28.00	27.90	0.617	26983	27M0G7W
	QPSK			27.50	27.40	0.550	26896	26M9G7W
	16QAM			26.66	26.56	0.453	26890	26M9D7W
40.0	BPSK	2516.0	2670.0	28.00	27.90	0.617	35752	35M8G7W
	QPSK			27.89	27.79	0.601	35945	35M9G7W
	16QAM			26.98	26.88	0.488	35792	35M8D7W
50.0	BPSK	2521.0	2665.0	28.00	27.90	0.617	45841	45M8G7W
	QPSK			27.61	27.51	0.564	45861	45M9G7W
	16QAM			26.81	26.71	0.469	45803	45M8D7W
60.0	BPSK	2526.0	2660.0	28.00	27.90	0.617	57944	57M9G7W
	QPSK			27.91	27.81	0.604	58019	58M0G7W
	16QAM			27.04	26.94	0.494	57974	58M0D7W
70.0	BPSK	2531.0	2655.0	28.00	27.90	0.617	64468	64M5G7W
	QPSK			27.50	27.40	0.550	64587	64M6G7W
	16QAM			26.95	26.85	0.484	64481	64M5D7W
80.0	BPSK	2536.0	2650.0	28.00	27.90	0.617	77280	77M3G7W
	QPSK			27.46	27.36	0.545	77182	77M2G7W
	16QAM			26.65	26.55	0.452	77106	77M1D7W
90.0	BPSK	2541.0	2645.0	28.00	27.90	0.617	86989	87M0G7W
	QPSK			27.48	27.38	0.547	86839	86M8G7W
	16QAM			26.78	26.68	0.466	87103	87M1D7W
100.0	BPSK	2546.0	2640.0	28.00	27.90	0.617	96664	96M7G7W
	QPSK			27.63	27.53	0.566	96490	96M5G7W
	16QAM			26.73	26.63	0.460	96409	96M4D7W

LTE BAND 48

LOW CHANNEL

Part 96								
EIRP Limit (W)/ 10MHz		0.20						
Antenna Gain (dBi)_Ant(9)		1.40						
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (kHz)	Emission Designator
5.0	QPSK	3552.5	3697.5	21.10	22.50	0.178	4476	4M48G7W
	16QAM			20.49	21.89	0.155	4449	4M45D7W
10.0	QPSK	3555.0	3695.0	21.10	22.50	0.178	8934	8M93G7W
	16QAM			20.48	21.88	0.154	9003	9M00D7W
15.0	QPSK	3557.5	3692.5	21.10	22.50	0.178	13266	13M3G7W
	16QAM			20.43	21.83	0.152	13434	13M4D7W
20.0	QPSK	3560.0	3690.0	21.10	22.50	0.178	17942	17M9G7W
	16QAM			20.42	21.82	0.152	17947	17M9D7W

MIDDLE CHANNEL

Part 96								
EIRP Limit (W)/ 10MHz		0.20						
Antenna Gain (dBi)_Ant(7)		-2.10						
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (kHz)	Emission Designator
5.0	QPSK	3552.5	3697.5	24.00	21.90	0.155	4476	4M48G7W
	16QAM			23.51	21.41	0.138	4449	4M45D7W
10.0	QPSK	3555.0	3695.0	24.00	21.90	0.155	8934	8M93G7W
	16QAM			23.42	21.32	0.136	9003	9M00D7W
15.0	QPSK	3557.5	3692.5	24.00	21.90	0.155	13266	13M3G7W
	16QAM			23.37	21.27	0.134	13434	13M4D7W
20.0	QPSK	3560.0	3690.0	24.00	21.90	0.155	17942	17M9G7W
	16QAM			23.65	21.55	0.143	17947	17M9D7W

HIGH CHANNEL

Part 96								
EIRP Limit (W)/ 10MHz		0.20						
Antenna Gain (dBi)_Ant(4)		-2.80						
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (kHz)	Emission Designator
5.0	QPSK	3552.5	3697.5	24.70	21.90	0.155	4476	4M48G7W
	16QAM			24.19	21.39	0.138	4449	4M45D7W
10.0	QPSK	3555.0	3695.0	24.70	21.90	0.155	8934	8M93G7W
	16QAM			23.99	21.19	0.132	9003	9M00D7W
15.0	QPSK	3557.5	3692.5	24.70	21.90	0.155	13266	13M3G7W
	16QAM			23.99	21.19	0.132	13434	13M4D7W
20.0	QPSK	3560.0	3690.0	24.70	21.90	0.155	17942	17M9G7W
	16QAM			24.30	21.50	0.141	17947	17M9D7W

5G NR n48

LOW CHANNEL

Part 96								
EIRP Limit (W)		0.20						
Antenna Gain (dBi) Ant(9)		1.40						
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (kHz)	Emission Designator
10.0	BPSK	3555.0	3695.0	21.05	22.45	0.176	8595	8M60G7W
	QPSK			21.10	22.50	0.178	8603	8M60G7W
	16QAM			20.06	21.46	0.140	8659	8M66D7W
15.0	BPSK	3557.5	3692.5	21.06	22.46	0.176	12958	13M0D7W
	QPSK			21.10	22.50	0.178	12861	12M9D7W
	16QAM			20.23	21.63	0.146	12857	12M9D7W
20.0	BPSK	3560.0	3690.0	21.10	22.50	0.178	17859	13M0G7W
	QPSK			21.07	22.47	0.177	17868	12M9G7W
	16QAM			20.03	21.43	0.139	17948	12M9D7W
30.0	BPSK	3565.0	3685.0	21.10	22.50	0.178	26743	17M9G7W
	QPSK			21.06	22.46	0.176	26831	17M9G7W
	16QAM			20.24	21.64	0.146	26751	17M9D7W
40.0	BPSK	3570.0	3680.0	21.10	22.50	0.178	35718	26M7G7W
	QPSK			20.97	22.37	0.173	35673	26M8G7W
	16QAM			19.79	21.19	0.132	35628	26M8D7W

MIDDLE CHANNEL

Part 96								
EIRP Limit (W)		0.20						
Antenna Gain (dBi) Ant(7)		-2.10						
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (kHz)	Emission Designator
10.0	BPSK	3555.0	3695.0	23.90	21.80	0.151	8595	8M60G7W
	QPSK			24.00	21.90	0.155	8603	8M60G7W
	16QAM			22.89	20.79	0.120	8659	8M66D7W
15.0	BPSK	3557.5	3692.5	24.00	21.90	0.155	12958	13M0D7W
	QPSK			23.31	21.21	0.132	12861	12M9D7W
	16QAM			21.69	19.59	0.091	12857	12M9D7W
20.0	BPSK	3560.0	3690.0	23.94	21.84	0.153	17859	17M9G7W
	QPSK			24.00	21.90	0.155	17868	17M9G7W
	16QAM			22.88	20.78	0.120	17948	17M9D7W
30.0	BPSK	3565.0	3685.0	24.00	21.90	0.155	26743	26M7G7W
	QPSK			23.87	21.77	0.150	26831	26M8G7W
	16QAM			22.91	20.81	0.121	26751	26M8D7W
40.0	BPSK	3570.0	3680.0	24.00	21.90	0.155	35718	35M7G7W
	QPSK			23.82	21.72	0.149	35673	35M7G7W
	16QAM			22.68	20.58	0.114	35628	35M6D7W

HIGH CHANNEL

Part 96								
EIRP Limit (W)		0.20						
Antenna Gain (dBi) Ant(4)		-2.80						
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (kHz)	Emission Designator
10.0	BPSK	3555.0	3695.0	24.70	21.90	0.155	8595	8M60G7W
	QPSK			24.65	21.85	0.153	8603	8M60G7W
	16QAM			23.91	21.11	0.129	8659	8M66D7W
15.0	BPSK	3557.5	3692.5	24.50	21.70	0.148	12958	13M0D7W
	QPSK			24.70	21.90	0.155	12861	12M9D7W
	16QAM			23.56	20.76	0.119	12857	12M9D7W
20.0	BPSK	3560.0	3690.0	24.58	21.78	0.151	17859	17M9G7W
	QPSK			24.70	21.90	0.155	17868	17M9G7W
	16QAM			24.21	21.41	0.138	17948	17M9D7W
30.0	BPSK	3565.0	3685.0	24.62	21.82	0.152	26743	26M7G7W
	QPSK			24.70	21.90	0.155	26831	26M8G7W
	16QAM			23.51	20.71	0.118	26751	26M8D7W
40.0	BPSK	3570.0	3680.0	24.65	21.85	0.153	35718	35M7G7W
	QPSK			24.70	21.90	0.155	35673	35M7G7W
	16QAM			24.32	21.52	0.142	35628	35M6D7W

LTE BAND 66

Part 27								
EIRP Limit (W)		1.00						
Antenna Gain (dBi) Ant(2)		-0.70						
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (kHz)	Emission Designator
1.4	QPSK	1710.7	1779.3	25.70	25.00	0.316	1089	1M09G7W
	16QAM			25.17	24.47	0.280	1096	1M10D7W
3.0	QPSK	1711.5	1778.5	25.70	25.00	0.316	2701	2M70G7W
	16QAM			25.19	24.49	0.281	2699	2M70D7W
5.0	QPSK	1712.5	1777.5	25.70	25.00	0.316	4510	4M51G7W
	16QAM			25.19	24.49	0.281	4496	4M50D7W
10.0	QPSK	1715.0	1775.0	25.70	25.00	0.316	9002	9M00G7W
	16QAM			25.15	24.45	0.279	8991	8M99D7W
15.0	QPSK	1717.5	1772.5	25.70	25.00	0.316	13444	13M4G7W
	16QAM			25.33	24.63	0.290	13465	13M5D7W
20.0	QPSK	1720.0	1770.0	25.70	25.00	0.316	17918	17M9G7W
	16QAM			25.25	24.55	0.285	17962	18M0D7W

5G NR n66

Part 27								
EIRP Limit (W)		1.00						
Antenna Gain (dBi) Ant(2)		-0.70						
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (kHz)	Emission Designator
5.0	BPSK	1712.5	1777.5	25.70	25.00	0.316	4484	4M48G7W
	QPSK			25.65	24.95	0.313	4492	4M49G7W
	16QAM			25.02	24.32	0.270	4491	4M49D7W
10.0	BPSK	1715.0	1775.0	25.70	25.00	0.316	8983	8M98G7W
	QPSK			25.69	24.99	0.316	9020	9M02G7W
	16QAM			25.23	24.53	0.284	8968	8M97D7W
15.0	BPSK	1717.5	1772.5	25.57	24.87	0.307	13435	13M4G7W
	QPSK			25.70	25.00	0.316	13454	13M5G7W
	16QAM			24.97	24.27	0.267	13401	13M4D7W
20.0	BPSK	1720.0	1770.0	25.70	25.00	0.316	17929	17M9G7W
	QPSK			25.66	24.96	0.313	17910	17M9G7W
	16QAM			25.25	24.55	0.285	17876	17M9D7W
25.0	BPSK	1722.5	1767.5	25.70	25.00	0.316	22953	23M0D7W
	QPSK			25.60	24.90	0.309	22835	22M8D7W
	16QAM			25.03	24.33	0.271	22904	22M9D7W
30.0	BPSK	1725.0	1765.0	25.70	25.00	0.316	28557	28M6G7W
	QPSK			25.23	24.53	0.284	28664	28M7G7W
	16QAM			24.86	24.16	0.261	28634	28M6D7W
35.0	BPSK	1727.5	1762.5	25.70	25.00	0.316	32201	32M2D7W
	QPSK			25.52	24.82	0.303	32164	32M2D7W
	16QAM			25.33	24.63	0.290	32191	32M2D7W
40.0	BPSK	1730.0	1760.0	25.61	24.91	0.310	38572	38M6G7W
	QPSK			25.70	25.00	0.316	38593	38M6G7W
	16QAM			24.91	24.21	0.264	38642	38M6D7W

5G NR n70

Part 27								
EIRP Limit (W)		1.00						
Antenna Gain (dBi) Ant(2)		-2.40						
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (kHz)	Emission Designator
5.0	BPSK	1697.5	1707.5	25.70	23.30	0.214	4473	4M47G7W
	QPSK			25.57	23.17	0.207	4473	4M47G7W
	16QAM			25.15	22.75	0.188	4492	4M49D7W
10.0	BPSK	1700.0	1705.0	25.70	23.30	0.214	8957	8M96G7W
	QPSK			25.67	23.27	0.212	8923	8M92G7W
	16QAM			24.88	22.48	0.177	9004	9M00D7W
15.0	BPSK	1702.5	1702.5	25.62	23.22	0.210	13454	13M5G7W
	QPSK			25.70	23.30	0.214	13432	13M4G7W
	16QAM			24.93	22.53	0.179	13394	13M4D7W

LTE BAND 71

Part 27								
ERP Limit (W)		3.00						
Antenna Gain (dBi)_Ant(1)		-5.20						
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	ERP Average (dBm)	ERP Average (W)	99% BW (kHz)	Emission Designator
5.0	QPSK	665.5	695.5	25.70	18.35	0.068	4502	4M50G7W
	16QAM			25.25	17.90	0.062	4506	4M51D7W
10.0	QPSK	668.0	693.0	25.70	18.35	0.068	8978	8M98G7W
	16QAM			25.21	17.86	0.061	8963	8M96D7W
15.0	QPSK	670.5	690.5	25.70	18.35	0.068	13431	13M4G7W
	16QAM			25.27	17.92	0.062	13445	13M4D7W
20.0	QPSK	673.0	688.0	25.70	18.35	0.068	17911	17M9G7W
	16QAM			25.55	18.20	0.066	17923	17M9D7W

5G NR n71

Part 27								
ERP Limit (W)		3.00						
Antenna Gain (dBi)_Ant(1)		-5.20						
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	ERP Average (dBm)	ERP Average (W)	99% BW (kHz)	Emission Designator
5.0	BPSK	665.5	695.5	25.38	18.03	0.064	4481	4M48G7W
	QPSK			25.70	18.35	0.068	4480	4M48G7W
	16QAM			24.99	17.64	0.058	4482	4M48D7W
10.0	BPSK	668.0	693.0	25.70	18.35	0.068	8956	8M96G7W
	QPSK			25.63	18.28	0.067	8938	8M94G7W
	16QAM			24.79	17.44	0.055	8932	8M93D7W
15.0	BPSK	670.5	690.5	25.69	18.34	0.068	13852	13M9D7W
	QPSK			25.70	18.35	0.068	13420	13M4D7W
	16QAM			24.85	17.50	0.056	13425	13M4D7W
20.0	BPSK	673.0	688.0	25.44	18.09	0.064	17880	17M9G7W
	QPSK			25.70	18.35	0.068	17856	17M9G7W
	16QAM			24.71	17.36	0.054	17876	17M9D7W

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

Part 27								
EIRP Limit (W)		1.00						
Antenna Gain (dBi) Ant(9)		2.30						
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	27.09	29.39	0.869	8606	8M61G7W
	QPSK			27.10	29.40	0.871	8604	8M60G7W
	16QAM			26.06	28.36	0.685	8624	8M62D7W
15.0	BPSK	3457.5	3542.5	27.10	29.40	0.871	12913	12M9G7W
	QPSK			27.05	29.35	0.861	12936	12M9G7W
	16QAM			26.19	28.49	0.706	12570	12M6D7W
20.0	BPSK	3460.0	3540.0	26.95	29.25	0.841	17984	18M0G7W
	QPSK			27.10	29.40	0.871	17885	17M9G7W
	16QAM			26.07	28.37	0.687	17849	17M8D7W
30.0	BPSK	3465.0	3535.0	27.10	29.40	0.871	26806	26M8G7W
	QPSK			26.99	29.29	0.849	26946	26M9G7W
	16QAM			26.08	28.38	0.689	26917	26M9D7W
40.0	BPSK	3470.0	3530.0	27.10	29.40	0.871	35767	35M8G7W
	QPSK			27.07	29.37	0.865	35900	35M9G7W
	16QAM			25.85	28.15	0.653	35721	35M7D7W
50.0	BPSK	3475.0	3525.0	27.10	29.40	0.871	45851	45M9G7W
	QPSK			26.98	29.28	0.847	45669	45M7G7W
	16QAM			25.99	28.29	0.675	45694	45M7D7W
60.0	BPSK	3480.0	3520.0	27.10	29.40	0.871	57855	57M9G7W
	QPSK			27.01	29.31	0.853	57940	57M9G7W
	16QAM			26.08	28.38	0.689	57890	57M9D7W
70.0	BPSK	3485.0	3515.0	27.04	29.34	0.859	64198	64M2G7W
	QPSK			27.10	29.40	0.871	64593	64M6G7W
	16QAM			26.47	28.77	0.753	64277	64M3D7W
80.0	BPSK	3490.0	3510.0	27.10	29.40	0.871	77321	77M3G7W
	QPSK			26.85	29.15	0.822	77339	77M3G7W
	16QAM			26.01	28.31	0.678	77081	77M1D7W
90.0	BPSK	3495.0	3505.0	27.10	29.40	0.871	86844	86M8G7W
	QPSK			26.94	29.24	0.839	86939	86M9G7W
	16QAM			26.14	28.44	0.698	86689	86M7D7W
100.0	BPSK	3500.0	3500.0	26.96	29.26	0.843	96237	96M2G7W
	QPSK			27.10	29.40	0.871	96485	96M5G7W
	16QAM			25.95	28.25	0.668	96557	96M6D7W

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

Part 27								
EIRP Limit (W)		1.00						
Antenna Gain (dBi) Ant(9)		-0.50						
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (kHz)	Emission Designator
10.0	BPSK	3705.0	3975.0	28.70	28.20	0.661	8610	8M61G7W
	QPSK			28.64	28.14	0.652	8576	8M58G7W
	16QAM			27.86	27.36	0.545	8636	8M64D7W
15.0	BPSK	3707.5	3972.5	28.70	28.20	0.661	12894	12M9G7W
	QPSK			28.66	28.16	0.655	12911	12M9G7W
	16QAM			27.68	27.18	0.522	12913	12M9D7W
20.0	BPSK	3710.0	3970.0	28.70	28.20	0.661	17869	17M9G7W
	QPSK			28.66	28.16	0.655	17878	17M9G7W
	16QAM			27.57	27.07	0.509	17870	17M9D7W
30.0	BPSK	3715.0	3965.0	28.70	28.20	0.661	26800	26M8G7W
	QPSK			28.64	28.14	0.652	26843	26M8G7W
	16QAM			27.53	27.03	0.505	26799	26M8D7W
40.0	BPSK	3720.0	3960.0	28.70	28.20	0.661	35784	35M8G7W
	QPSK			28.70	28.20	0.661	35764	35M8G7W
	16QAM			27.85	27.35	0.543	35781	35M8D7W
50.0	BPSK	3725.0	3955.0	28.70	28.20	0.661	45785	45M8G7W
	QPSK			28.66	28.16	0.655	45693	45M7G7W
	16QAM			27.79	27.29	0.536	45701	45M7D7W
60.0	BPSK	3730.0	3950.0	28.52	28.02	0.634	57957	58M0G7W
	QPSK			28.70	28.20	0.661	57830	57M8G7W
	16QAM			27.81	27.31	0.538	57892	57M9D7W
70.0	BPSK	3735.0	3945.0	28.70	28.20	0.661	64250	64M3G7W
	QPSK			28.66	28.16	0.655	64216	64M2G7W
	16QAM			27.99	27.49	0.561	64207	64M2D7W
80.0	BPSK	3740.0	3940.0	28.70	28.20	0.661	77173	77M2G7W
	QPSK			28.64	28.14	0.652	77062	77M1G7W
	16QAM			27.54	27.04	0.506	77042	77M0D7W
90.0	BPSK	3745.0	3935.0	28.70	28.20	0.661	86590	86M6G7W
	QPSK			28.66	28.16	0.655	86931	86M9G7W
	16QAM			27.69	27.19	0.524	86749	86M7D7W
100.0	BPSK	3750.0	3930.0	28.62	28.12	0.649	96314	96M3G7W
	QPSK			28.70	28.20	0.661	96544	96M5G7W
	16QAM			27.40	26.90	0.490	96618	96M6D7W

6.3. SOFTWARE AND FIRMWARE

The EUT firmware installed during testing was version 0.13.02.

6.4. MAXIMUM ANTENNA GAIN

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

LTE and 5G NR Bands	Frequency Range (MHz)	ANT 1 Antenn a Gain (dBi)	ANT 2 Antenn a Gain (dBi)	ANT 3 Antenn a Gain (dBi)	ANT 4 Antenn a Gain (dBi)	ANT 7 Antenn a Gain (dBi)	ANT 8 Antenn a Gain (dBi)	ANT 9 Antenn a Gain (dBi)
LTE Band 2, 5G NR n2	1850 – 1910	-1.8	-1.3	0.6	-2.6			
LTE Band 4	1710 – 1755	-3.8	-0.6	-1.9	-2.4			
LTE Band 5, 5G NR n5	824 – 849	-4.8	-5.9	-7.1				
LTE Band 7, 5G NR n7	2500 – 2570	-0.8	-3.2	0.9	-1.2			
LTE Band 12, 5G NR n12	699 – 716	-5.1	-6.2	-6.8				
LTE Band 13	777 – 787	-5.1	-6.9	-7.4				
LTE Band 14, 5G NR n14	788 – 798	-5.1	-6.9	-7.4				
LTE Band 17	704 – 716	-5.1	-6.2	-6.8				
LTE Band 25, 5G NR n25	1850 – 1915	-1.8	-1.3	0.6	-2.6			
LTE Band 26 ,5G NR 26	814 – 849	-4.8	-5.9	-7.1				
LTE Band 30, 5G NR n30	2305 – 2315	-4.2	-3.2	0.1	-1.1			
LTE Band 41, 5G NR n41	2496 – 2690	-1.8	-3.3	-0.1	-1.6			
LTE Band 48, 5G NR n48 (Low)	3550 – 3600				-3.0	-1.6	-6.0	1.4
LTE Band 48, 5G NR n48 (Mid)	3600 – 3650				-3.1	-2.1	-6.5	0.6
LTE Band 48, 5G NR n48 (High)	3650 – 3700				-2.8	-3.3	-6.0	-0.3
LTE Band 66, 5G NR n66	1710 – 1780	-2.3	-0.7	-0.7	-2.9			
5G NR n70	1695 – 1710	-5.3	-2.4	-3.2	-3.6			
LTE Band 71, 5G NR n71	663 – 698	-5.2	-5.9	-7.3				
5G NR n77	3450-550				-0.7	-0.2	-6.2	2.3
5G NR n77	3700 – 3980				-3.5	-2.2	-3.4	-0.5

6.5. WORST-CASE CONFIGURATION AND MODE

The EUT supports the following LTE and 5G NRs:

Band 2, Band 4, Band 5, Band 7, Band 12, Band 13, Band 14, Band 17, Band 25, Band 26, Band 30, Band 41, Band 48, Band 66, Band 71, 5G NR n2, 5G NR n5, 5G NR n7, 5G NR n12, 5G NR n14, 5G NR n25, 5G NR n26, 5G NR n30, 5G NR n41, 5G NR n48, 5G NR n66, 5G NR n70, 5G NR n71, and 5G NR n77.

LTE Band 2 and 5G NR n2 (1850-1910MHz) are covered by LTE Band 25 and 5G NR n25 respectively. Because they are the subset of LTE band 25 and 5G NR n25 with the same output power and supported bandwidths.

LTE Band 4 (1710-1755MHz, 5/10/15/20MHz bandwidth) is covered by LTE Band 66 because it is a subset of LTE band 66 and they have same output power.

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

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

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

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

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

LTE and 5G NR Bands	Worst case Antenna Port for Conducted Power
LTE BAND 7 and 5G NR n7	Ant 1
LTE BAND 12 and 5G NR n12	
LTE BAND 13	
LTE BAND 14 and 5G NR n14	
LTE Band 17	
LTE BAND 25 and 5G NR n25	
LTE BAND 26 and 5G NR n26	
LTE BAND 30 and 5G NR n30	
LTE BAND 41and 5G NR 41	
LTE BAND 66 and 5G NR n66	
5G NR n70	
LTE BAND 71 and 5G NR n71	
5G NR n77	
LTE BAND 48 and 5G NR n48	Ant 8

The EUT was investigated in three orthogonal orientations X/Y/Z on all ANT 1, ANT2, ANT3, ANT4, ANT7, ANT8 and ANT 9 antennas to determine the worst case orientation. The following table 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	X	N/A	N/A	N/A	N/A
1710 – 1915 MHz	Y	X	X	Y	N/A	N/A	N/A
2300 – 2700 MHz	Y	X	Y	X	N/A	N/A	N/A
3300 – 3980 MHz	N/A	N/A	N/A	Y	X	Y	Y

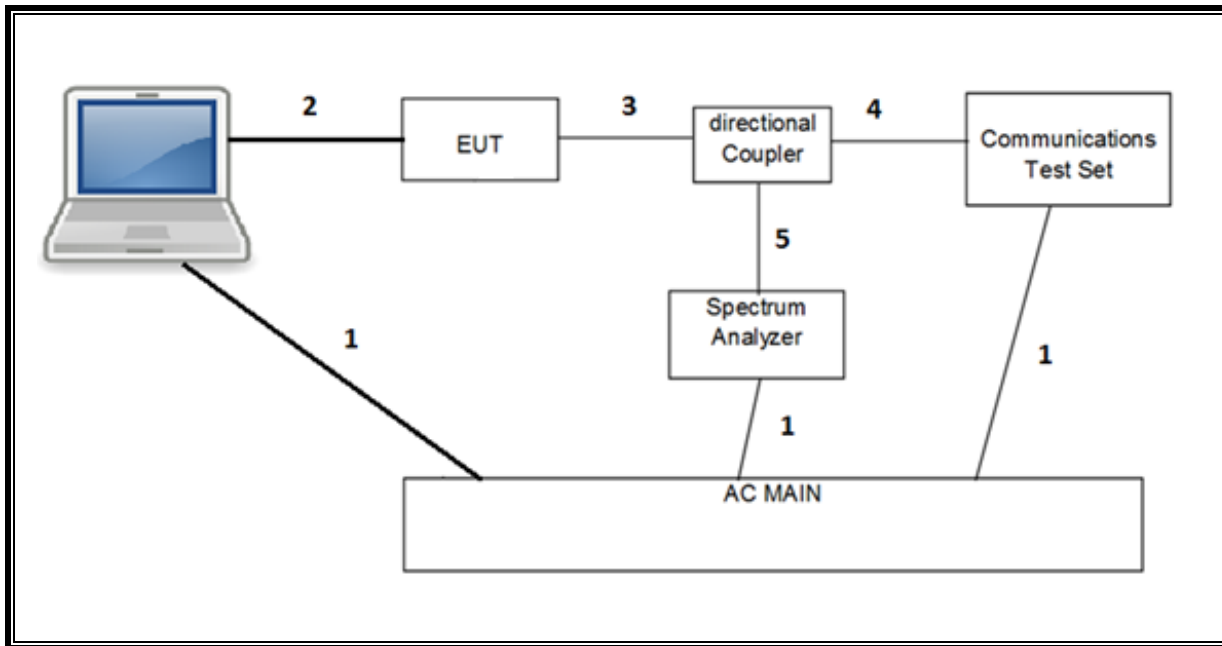
Radiated spurious emissions were investigated from 9kHz to 30MHz, 30MHz-1GHz and above 18GHz. There were no emissions found with less than 20dB of margin from 9kHz to 30MHz, 30MHz-1GHz and above 18GHz.

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

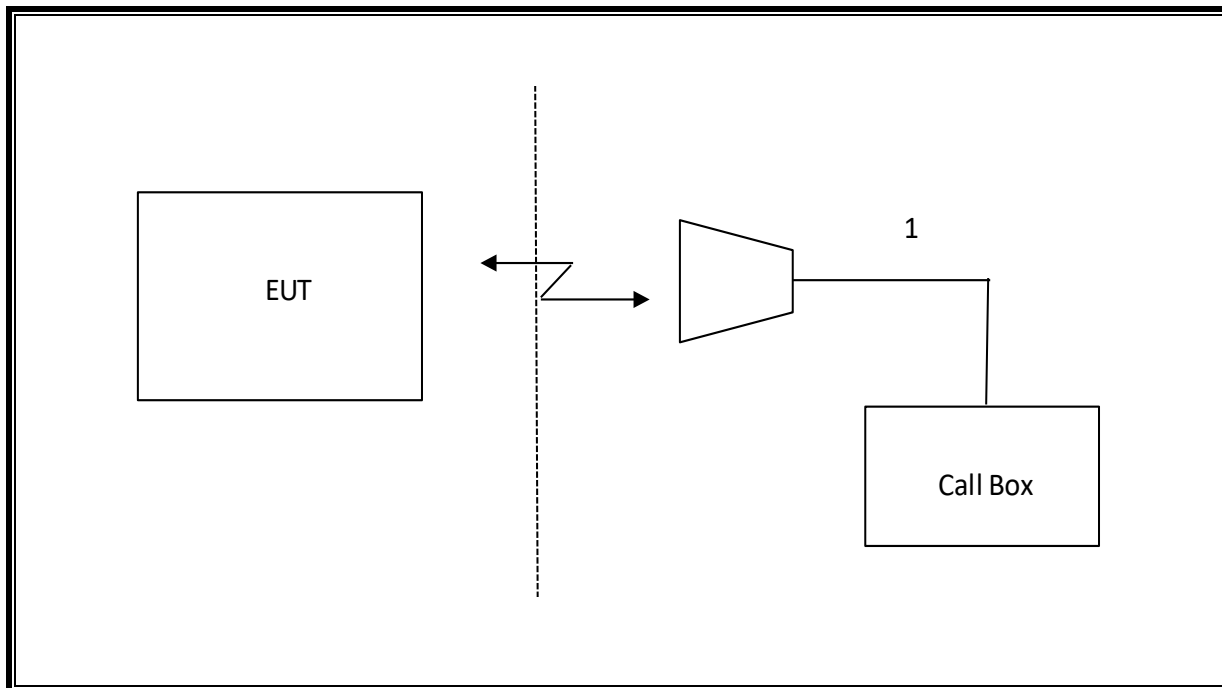
6.6. DESCRIPTION OF TEST SETUP

SUPPORT TEST EQUIPMENT						
Description	Manufacturer	Model	Serial Number	FCC ID/ DoC		
Laptop	Apple	MacBook Pro	HRP081469	--		
AC/DC adapter	Apple	A1718	C4H64450HH3GN8RA6	--		
I/O CABLES (RF CONDUCTED TEST)						
Cable No.	Port	# of Identical Ports	Connector Type	Cable Type	Cable Length (m)	Remarks
1	AC	3	US 115V	Un-shielded	2.0	N/A
2	USB	1	DC	Un-shielded	1.0	N/A
3	RF In/Out	1	EUT	Un-shielded	0.6	N/A
4	RF In/Out	1	Communication Test Set	Un-shielded	1.2	N/A
5	RF In/Out	1	Barrel	N/A	N/A	N/A
I/O CABLES (RF RADIATED TEST)						
Cable No.	Port	# of Identical Ports	Connector Type	Cable Type	Cable Length (m)	Remarks
1	RF In/Out	1	Antenna	Un-shielded	5.0	N/A

CONDUCTED SETUP



RADIATED SETUP



7. TEST AND MEASUREMENT EQUIPMENT

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

TEST EQUIPMENT LIST				
Description	Manufacturer	Model	Asset	Cal Due
*Antenna, Horn 1-18GHz	ETS Lindgren	3117	79834	06/08/2023
Antenna, Broadband Hybrid, 30MHz to 2000MHz	Sunol Sciences	JB3	85151	04/30/2024
Spectrum Analyzer, PXA, 3Hz to 44GHz	Keysight	N9030A	85313	02/29/2024
Spectrum Analyzer, PXA	Keysight	N9030B	222074	07/16/2023
Spectrum Analyzer, PXA, 3Hz to 44GHz	Keysight	N9030A	85201	02/29/2024
Spectrum Analyzer, PXA	Keysight	N9030B	85214	07/18/2023
Spectrum Analyzer, PXA	Keysight	N9030B	222073	07/22/2023
PXA Signal Analyzer	Keysight	N9030B	222073	07/22/2023
EMI TEST RECEIVER	Rohde & Schwarz	ESW44	230548	02/29/2024
EMI TEST RECEIVER	Rohde & Schwarz	ESW44	201498	02/29/2024
Directional Coupler	KRYTAR	152610	198816	09/23/2023
Directional Coupler	KRYTAR	152610	198817	09/23/2023
Directional Coupler	KRYTAR	152610	135712	09/23/2023
Power Meter, P-series single channel	Keysight	N1912A	90630	01/24/2024
Power Meter, P-series single channel	Keysight	N1912A	90719	01/31/2024
Power Meter, P-series single channel	Agilent	N1911A	82174	01/31/2024
Power Sensor, P – series, 50MHz to 18GHz, Wideband	Keysight	N1921A	90389	01/31/2024
Filter, BRF 2495 – 2690 MHz	Micro-Tronics	155050	155055	12/28/2023
Filter, BRF 3.4 – 3.8GHz	Micro-Tronics	208398	208398	08/19/2023
Wideband Communication Test Set, Call Box	Rohde & Schwarz	CMW500	222792	02/29/2024
Wideband Communication Test Set, Call Box	Rohde & Schwarz	CMW500	230298	02/29/2024
Wideband Communication Test Set, Call Box	Rohde & Schwarz	CMW500	230295	02/29/2024
Wideband Communication Test Set, Call Box	Rohde & Schwarz	CMW500	22796	02/29/2024
Wideband Communication Test Set, Call Box	Rohde & Schwarz	CMW500	230297	02/29/2024
*5G NR Communication Test Set, Call Box	Keysight	UXM	207269	01/31/2024
*5G NR Communication Test Set, Call Box	Keysight	UXM	199836	01/31/2024
*Chamber, Environmental	Cincinnati Sub Zero	ZPHS-8-3.5-SCT/WC	82472	11/16/2023
*Amplifier, 218GHz to 26.5GHz	Ampical	AMP18G26.5-60	215705	02/26/2023
*Amplifier, 26.5GHz to 40GHz	Ampical	AMP26G40-65	172346	02/29/2024
Antenna, Horn 18 to 26.5GHz	ARA	MWH-1826/B	172362	03/31/2024
Antenna, Horn 26.5GHz to 40GHz	ARA	MWH-2640/B	172365	03/31/2024
*Antenna, Active Loop 100KHz to 30MHz	ELECTRO-METRICS	EM-6872	219911	05/10/2023
*Antenna, Active Loop 30Hz to 1MHz	ELECTRO-METRICS	EM-6871	219909	05/10/2023
10dB Fixed Attenuator	Pasternack Enterprises	PE7087-10	236360	N/A
10dB Fixed Attenuator	Pasternack Enterprises	PE7087-10	236285	N/A
10dB Fixed Attenuator	Pasternack Enterprises	PE7087-10	236355	N/A
UL AUTOMATION SOFTWARE				
CLT Software	UL	UL RF	Ver 3.4, May 20, 2022	
Power Measurement Software	UL	UL RF	Ver 3.1.4, April 29, 2022	
Radiated test software	UL	UL RF	Ver 9.5, Jan 21, 2022	

NOTES:

- * Testing is completed before equipment expiration date.

8. RF OUTPUT POWER VERIFICATION

CONDUCTED OUTPUT POWER MEASUREMENT PROCEDURE

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

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

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

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

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

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

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

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

RESULTS

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

8.1. LTE BAND 7 AND 5G NR n7

LTE BAND 7

Test Engineer ID:	32061	Test Date:	2/6/2023
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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	24.95	25.49	25.17	23.56	23.57	23.68	24.71	24.93	24.81	22.24	22.33	22.56
		1	12	25.16	25.70	25.42	23.69	23.63	23.70	24.92	25.00	24.92	22.39	22.45	22.70
		1	24	25.10	25.66	25.24	23.61	23.52	23.61	24.96	24.88	24.83	22.37	22.33	22.59
		12	0	24.42	25.07	24.85	22.63	22.58	22.67	23.81	23.92	23.76	21.29	21.37	21.59
		12	6	24.50	25.15	24.95	22.69	22.63	22.72	23.93	23.98	23.81	21.38	21.40	21.64
		12	11	24.52	25.17	24.98	22.67	22.60	22.66	23.91	23.90	23.79	21.37	21.39	21.64
	16QAM	25	0	24.57	24.24	24.86	22.67	22.60	22.65	23.87	23.90	23.77	21.34	21.38	21.61
		1	0	24.84	24.56	24.56	22.81	22.73	22.80	24.07	24.28	24.12	21.54	21.69	21.95
		1	12	25.03	24.69	24.68	22.91	22.83	22.90	24.44	24.38	24.28	21.71	21.87	22.04
		1	24	24.98	24.63	24.69	22.82	22.67	22.82	24.28	24.29	24.17	21.74	21.65	21.96
		12	0	23.99	23.51	23.59	21.63	21.65	21.78	22.82	22.95	22.86	20.29	20.42	20.72
		12	6	24.06	23.56	23.66	21.65	21.59	21.78	22.95	22.98	22.91	20.37	20.46	20.75
	64QAM	12	11	24.06	23.54	23.69	21.66	21.58	21.78	22.95	22.91	22.88	20.36	20.44	20.72
		25	0	24.01	23.53	23.69	21.66	21.60	21.67	22.85	22.93	22.82	20.39	20.43	20.67
		1	0	24.01	23.59	23.76	21.81	21.84	21.86	22.93	23.20	23.06	20.37	20.50	20.73
		1	12	24.16	23.72	23.85	21.81	21.77	21.90	23.19	23.28	23.11	20.53	20.56	20.77
		1	24	24.10	23.64	23.83	21.87	21.77	21.84	23.22	23.11	23.09	20.54	20.51	20.71
		12	0	23.00	22.60	22.78	20.69	20.62	20.70	21.78	21.98	21.77	19.36	19.41	19.65
	256QAM	12	6	23.06	22.64	22.83	20.77	20.64	20.74	21.87	22.03	21.84	19.43	19.44	19.68
		12	11	23.03	22.65	22.83	20.72	20.64	20.72	21.88	22.01	21.82	19.41	19.41	19.63
		25	0	23.06	22.67	22.84	20.71	20.62	20.69	21.87	21.92	21.76	19.38	19.42	19.62
		1	0	21.20	20.80	20.83	18.80	18.72	18.76	19.75	20.00	19.81	17.35	17.51	17.73
		1	12	21.20	20.94	20.91	18.87	18.81	18.83	20.01	20.08	19.94	17.45	17.58	17.80
		1	24	21.17	20.64	20.78	18.90	18.68	18.76	20.03	19.95	19.81	17.48	17.42	17.66

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	25.69	25.45	25.48	23.68	23.54	23.59	24.81	24.86	24.81	22.39	22.38	22.64
		1	24	25.70	25.51	25.52	23.70	23.55	23.61	25.00	24.84	24.81	22.50	22.37	22.70
		1	49	25.63	25.50	25.51	23.63	23.52	23.59	24.96	24.82	24.84	22.54	22.38	22.65
		25	0	25.01	24.85	24.86	22.71	22.57	22.64	23.95	23.87	23.79	21.48	21.41	21.69
		25	12	24.95	24.89	24.89	22.63	22.58	22.67	23.95	23.89	23.79	21.49	21.45	21.73
		25	24	24.94	24.87	24.86	22.62	22.59	22.66	23.97	23.84	23.83	21.53	21.44	21.71
	16QAM	50	0	24.93	24.88	24.88	22.62	22.58	22.64	23.91	23.87	23.77	21.53	21.42	21.69
		1	0	25.15	25.07	25.06	22.90	22.73	22.84	24.16	24.29	24.29	21.48	21.64	21.85
		1	24	25.19	25.01	25.02	22.88	22.70	22.82	24.26	24.19	24.22	21.67	21.56	21.84
		1	49	25.13	25.00	25.05	22.79	22.74	22.86	24.30	24.24	24.33	21.70	21.58	21.88
		25	0	23.97	23.87	23.90	21.74	21.60	21.67	22.93	22.87	22.83	20.53	20.46	20.74
		25	12	23.89	23.89	23.92	21.66	21.62	21.70	22.95	22.84	22.81	20.53	20.49	20.76
	64QAM	25	24	23.89	23.87	23.89	21.65	21.61	21.68	22.92	22.84	22.87	20.55	20.52	20.78
		50	0	23.91	23.87	23.87	21.60	21.57	21.62	22.91	22.87	22.78	20.50	20.48	20.73
		1	0	24.16	23.96	23.94	21.91	21.77	21.82	23.01	23.06	22.98	20.61	20.63	20.82
		1	24	24.21	24.00	23.97	21.90	21.80	21.84	23.14	23.01	23.00	20.72	20.60	20.85
		1	49	24.15	23.93	23.92	21.85	21.69	21.78	23.15	23.01	22.95	20.76	20.57	20.82
		25	0	22.93	22.83	22.87	20.70	20.58	20.65	21.96	21.85	21.77	19.49	19.50	19.75
	256QAM	25	12	22.87	22.90	22.87	20.64	20.61	20.66	21.93	21.87	21.78	19.56	19.52	19.77
		25	24	22.87	22.85	22.83	20.62	20.58	20.65	21.95	21.84	21.84	19.56	19.50	19.76
		50	0	22.84	22.82	22.84	20.59	20.57	20.64	21.89	21.83	21.76	19.51	19.50	19.74
		1	0	21.00	20.87	20.90	18.79	18.56	18.71	19.91	19.97	19.89	17.53	17.60	17.81
		1	24	21.02	20.93	20.95	18.81	18.70	18.78	20.14	19.98	20.00	17.72	17.65	17.88
		1	49	20.90	20.80	20.79	18.60	18.49	18.56	20.05	19.96	19.95	17.69	17.55	17.78

OUTPUT POWER FOR LTE BAND 7 (15.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				20825	21100	21375	20825	21100	21375	20825	21100	21375	20825	21100	21375
15.0	QPSK	1	0	25.69	25.49	25.51	23.65	23.42	23.53	24.80	24.85	24.74	22.07	22.36	22.61
		1	37	25.70	25.62	25.55	23.70	23.55	23.56	25.00	24.86	24.85	22.24	22.37	22.70
		1	74	25.61	25.53	25.53	23.54	23.44	23.53	24.97	24.76	24.77	22.18	22.32	22.60
		36	0	25.08	24.97	24.94	22.66	22.52	22.61	23.97	23.90	23.79	21.27	21.40	21.72
		36	16	25.10	24.97	24.95	22.58	22.54	22.61	24.04	23.90	23.88	21.33	21.44	21.76
		36	35	24.98	24.95	24.93	22.55	22.45	22.52	23.99	23.88	23.84	21.25	21.45	21.69
		75	0	24.98	24.95	24.94	22.57	22.54	22.58	23.95	23.87	23.88	21.27	21.47	21.78
	16QAM	1	0	25.23	24.98	24.98	22.83	22.66	22.61	24.06	24.19	24.14	21.39	21.50	21.82
		1	37	25.27	25.00	24.99	22.76	22.62	22.64	24.30	24.15	24.16	21.45	21.49	21.90
		1	74	25.15	24.86	24.84	22.75	22.58	22.67	24.27	24.14	24.14	21.40	21.44	21.89
		36	0	24.08	23.97	23.95	21.69	21.55	21.59	22.99	22.90	22.79	20.44	20.44	20.83
		36	16	24.09	23.98	23.97	21.59	21.57	21.60	23.05	22.92	22.88	20.46	20.48	20.85
		36	35	23.97	23.96	23.93	21.58	21.47	21.52	22.98	22.85	22.85	20.45	20.50	20.14
		75	0	23.96	23.96	23.94	21.58	21.55	21.60	22.95	22.88	22.87	20.44	20.50	20.47
	64QAM	1	0	24.17	24.10	23.96	21.85	21.76	21.75	23.05	23.10	22.96	20.66	20.50	20.64
		1	37	24.20	24.17	24.06	21.81	21.75	21.70	23.28	23.08	23.05	20.69	20.64	20.84
		1	74	24.09	24.04	24.03	21.75	21.58	21.68	23.21	23.01	22.97	20.64	20.51	20.76
		36	0	23.01	22.90	22.91	20.64	20.53	20.59	21.96	21.88	21.80	19.44	19.48	19.67
		36	16	23.02	22.92	22.92	20.57	20.54	20.61	22.03	21.87	21.87	19.45	19.51	19.73
		36	35	22.91	22.89	22.90	20.55	20.45	20.54	21.96	21.84	21.83	19.38	19.50	19.65
		75	0	22.96	22.93	22.92	20.60	20.53	20.58	21.94	21.90	21.87	19.37	19.50	19.71
	256QAM	1	0	21.08	20.96	21.08	18.75	18.75	18.69	19.96	19.96	19.94	17.52	17.62	17.71
		1	37	21.06	21.01	20.90	18.82	18.59	18.72	20.20	19.89	19.88	17.52	17.66	17.72
		1	74	21.02	20.93	20.88	18.71	18.73	18.72	20.12	19.96	20.03	17.55	17.63	17.78
		36	0	20.97	20.87	20.88	18.63	18.50	18.58	19.98	19.90	19.80	17.47	17.51	17.72
		36	16	21.00	20.87	20.88	18.55	18.50	18.56	20.03	19.88	19.87	17.47	17.54	17.76
		36	35	20.91	20.88	20.86	18.52	18.44	18.50	19.98	19.87	19.85	17.43	17.57	17.71
		75	0	20.89	20.88	20.88	18.56	18.57	18.62	19.97	19.88	19.86	17.44	17.54	17.77

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	25.70	25.62	25.64	23.70	23.59	23.57	24.63	24.84	24.71	22.40	22.42	22.60
		1	49	25.68	25.65	25.63	23.67	23.59	23.63	24.90	24.77	24.72	22.50	22.42	22.65
		1	99	25.62	25.63	25.59	23.55	23.57	23.59	25.00	24.74	24.65	22.40	22.50	22.70
		50	0	25.07	25.00	25.04	22.72	22.64	22.66	23.91	23.87	23.70	21.54	21.51	21.72
		50	24	25.08	25.03	25.03	22.65	22.64	22.70	24.01	23.87	23.78	21.51	21.53	21.76
		50	49	24.96	24.94	24.93	22.60	22.55	22.61	23.93	23.83	23.73	21.48	21.48	21.67
		100	0	25.00	25.01	25.03	22.65	22.63	22.70	23.97	23.85	23.78	21.47	21.54	21.74
	16QAM	1	0	25.26	25.04	25.10	22.89	22.76	22.75	23.94	24.10	23.98	21.53	21.67	21.76
		1	49	25.25	25.22	25.21	23.02	22.83	22.85	24.35	24.29	24.16	21.89	21.88	22.00
		1	99	25.14	25.03	25.05	22.70	22.67	22.73	24.15	24.05	23.97	21.63	21.72	21.92
		50	0	24.07	23.99	24.02	21.73	21.63	21.68	22.91	22.88	22.72	20.43	20.52	20.74
		50	24	24.07	24.01	24.03	21.66	21.63	21.71	23.03	22.87	22.79	20.45	20.56	20.78
		50	49	23.93	23.91	23.92	21.61	21.53	21.60	22.95	22.83	22.73	20.46	20.49	20.70
		100	0	23.97	24.00	24.01	21.64	21.61	21.68	22.96	22.86	22.79	20.45	20.55	20.75
	64QAM	1	0	24.13	24.03	24.08	21.88	21.79	21.82	22.88	22.99	22.91	20.56	20.58	20.86
		1	49	24.22	24.14	24.18	21.95	21.91	21.84	23.13	23.30	23.04	20.69	20.75	20.95
		1	99	24.05	23.95	24.09	21.85	21.67	21.78	23.15	22.95	22.83	20.59	20.69	20.83
		50	0	23.01	22.92	22.95	20.71	20.64	20.66	21.89	21.86	21.69	19.53	19.50	19.71
		50	24	23.00	22.94	22.96	20.64	20.64	20.70	21.97	21.85	21.77	19.49	19.53	19.74
		50	49	22.89	22.84	22.85	20.60	20.54	20.62	21.90	21.81	21.76	19.47	19.46	19.68
		100	0	22.91	22.93	22.94	20.63	20.65	20.66	21.96	21.86	21.76	19.48	19.52	19.72
	256QAM	1	0	21.12	21.01	21.04	18.86	18.76	18.77	19.81	20.07	19.83	17.63	17.56	17.82
		1	49	21.02	20.93	20.98	18.72	18.70	18.65	20.06	19.96	19.91	17.72	17.56	17.82
		1	99	21.00	20.96	20.99	18.68	18.71	18.81	20.09	20.02	19.84	17.67	17.63	17.86
		50	0	20.97	20.87	20.87	18.67	18.57	18.62	19.83	19.83	19.68	17.53	17.49	17.70
		50	24	20.98	20.91	20.91	18.62	18.62	18.64	19.93	19.84	19.77	17.50	17.53	17.76
		50	49	20.89	20.81	20.81	18.59	18.51	18.57	19.88	19.83	19.73	17.50	17.50	17.70
		100	0	20.88	20.90	20.91	18.63	18.64	18.72	19.90	19.82	19.73	17.50	17.54	17.74

5G NR n7

Test Engineer ID:	50822	Test Date:	2/9/2023
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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	25.35	25.26	25.26	22.90	23.00	23.40	24.24	24.71	24.59	21.78	22.11	22.40
		1	1	25.59	25.54	25.56	23.27	23.27	23.70	24.55	24.91	24.78	22.09	22.47	22.55
		1	23	25.70	25.59	25.62	23.21	23.41	23.37	24.79	25.00	24.84	22.21	22.50	22.63
		1	24	25.47	25.34	25.31	22.93	23.16	22.85	24.49	24.79	24.60	21.99	22.24	22.49
		12	6	25.59	25.49	25.42	23.22	23.34	23.65	24.61	24.97	24.92	22.12	22.42	22.60
		25	0	25.40	25.30	25.22	23.09	23.03	23.38	24.39	24.71	24.65	21.90	22.23	22.31
	QPSK	1	0	24.86	24.79	24.68	21.63	22.51	22.42	23.80	24.22	24.16	21.29	21.67	21.85
		1	1	25.62	25.49	25.39	22.67	23.31	23.31	24.50	24.91	24.90	22.05	22.42	22.65
		1	23	25.68	25.59	25.47	23.34	23.41	22.56	24.71	24.97	24.93	22.23	22.53	22.70
		1	24	24.81	24.81	24.76	22.29	22.64	21.68	24.02	24.28	24.20	21.53	21.83	21.95
		12	6	25.57	25.53	25.43	23.35	23.24	23.21	24.67	24.95	24.92	22.12	22.44	22.67
		25	0	24.86	24.79	24.78	21.91	22.57	22.30	23.91	24.23	24.18	21.39	21.77	21.86
	16QAM	1	0	23.85	23.71	23.62	20.75	21.82	21.83	22.76	22.96	23.09	20.47	20.52	21.05
		1	1	24.99	24.69	24.76	21.86	23.02	22.81	23.70	23.91	24.07	21.50	21.61	21.97
		1	23	24.97	24.74	24.81	22.52	23.16	21.98	23.99	23.94	24.16	21.70	21.67	22.10
		1	24	24.00	23.77	23.77	21.64	22.11	21.08	22.91	22.95	23.15	20.67	20.59	20.95
		12	6	24.82	24.84	24.89	22.28	22.97	22.62	23.91	24.38	24.23	21.46	21.79	21.84
		25	0	23.86	23.76	23.81	21.27	21.97	21.57	22.92	23.22	23.10	20.35	20.73	20.85
	64QAM	1	0	23.05	23.17	23.25	20.37	21.38	21.41	22.12	22.61	22.64	19.60	20.10	20.27
		1	1	23.07	23.25	23.26	20.46	21.36	21.41	22.24	22.63	22.68	19.71	20.24	20.23
		1	23	23.12	23.24	23.35	20.95	21.38	20.84	22.37	22.64	22.65	19.90	20.14	20.32
		1	24	23.14	23.25	23.32	20.96	21.31	20.83	22.38	22.63	22.65	19.82	20.12	20.38
		12	6	23.29	23.20	23.26	20.82	21.42	21.46	22.38	22.71	22.67	19.96	20.22	20.42
		25	0	23.30	23.26	23.24	20.68	21.60	21.37	22.49	22.69	22.69	20.01	20.30	20.39
	256QAM	1	0	21.18	21.15	21.18	18.86	19.34	19.53	20.25	20.83	20.70	17.74	17.69	18.39
		1	1	21.15	21.23	21.21	18.93	19.30	19.48	20.34	20.80	20.70	17.74	17.93	18.38
		1	23	21.24	21.32	21.30	19.09	19.35	19.56	20.47	20.89	20.79	17.97	18.06	18.43
		1	24	21.20	21.31	21.17	19.04	19.29	19.50	20.39	20.90	20.71	17.92	17.87	18.38
		12	6	21.29	21.31	21.22	18.89	19.42	19.46	20.53	20.71	20.69	17.97	18.31	18.50
		25	0	21.24	21.29	21.18	18.83	19.38	19.44	20.41	20.61	20.64	17.90	18.27	18.43

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	25.35	25.36	25.38	23.23	23.29	23.30	24.31	24.73	24.60	21.93	22.18	22.40
		1	1	25.65	25.50	25.66	23.37	23.55	23.47	24.42	24.97	24.81	22.13	22.49	22.53
		1	50	25.70	25.55	25.60	23.48	23.60	23.20	24.78	25.00	24.75	22.46	22.55	22.65
		1	51	25.46	25.35	25.41	23.26	23.39	22.70	24.53	24.81	24.53	22.24	22.33	22.45
		25	12	25.46	25.49	25.50	23.45	23.55	23.63	24.65	24.88	24.80	22.19	22.47	22.59
		50	0	25.30	25.31	25.30	23.29	23.41	23.49	24.49	24.73	24.69	22.07	22.30	22.44
	QPSK	1	0	24.81	24.80	24.82	21.20	22.08	22.02	23.75	24.23	24.29	21.35	21.68	21.91
		1	1	25.50	25.55	25.54	22.30	23.15	23.05	24.51	24.88	24.97	22.12	22.66	22.58
		1	50	25.57	25.61	25.57	22.96	23.70	22.40	24.81	24.95	24.92	22.41	22.70	22.65
		1	51	24.82	24.92	24.84	22.03	22.68	21.50	24.09	24.31	24.10	21.75	21.85	21.97
		25	12	25.53	25.53	25.49	23.59	23.68	23.70	24.67	24.93	24.75	22.24	22.52	22.64
		50	0	24.81	24.86	24.76	22.64	22.99	22.53	24.00	24.24	24.07	21.56	21.80	21.96
	16QAM	1	0	23.84	24.07	23.82	21.09	21.63	21.46	22.76	22.89	23.02	20.41	20.73	20.89
		1	1	24.79	25.04	24.83	22.13	22.59	22.51	23.75	23.85	24.06	21.45	21.91	21.90
		1	50	24.97	25.08	24.92	22.95	22.97	21.89	24.06	23.94	24.02	21.79	21.89	21.94
		1	51	23.97	24.03	23.81	21.90	21.84	21.00	22.99	23.00	22.98	20.77	20.84	21.01
		25	12	24.94	24.83	24.85	22.80	22.96	22.98	24.00	24.24	24.12	21.61	21.82	21.86
		50	0	23.84	23.88	23.76	21.75	21.87	21.85	23.00	23.27	23.20	20.53	20.68	20.84
	64QAM	1	0	23.45	23.22	23.16	20.60	21.22	21.41	22.38	22.55	22.78	19.97	19.97	20.49
		1	1	23.46	23.22	23.22	20.62	21.26	21.44	22.37	22.54	22.83	19.94	20.14	20.50
		1	50	23.50	23.30	23.33	21.39	21.23	20.92	22.81	22.60	22.78	20.25	20.11	20.63
		1	51	23.50	23.38	23.21	21.36	21.23	20.92	22.78	22.62	22.71	20.28	20.13	20.72
		25	12	23.32	23.22	23.35	21.27	21.42	21.49	22.63	22.75	22.70	20.17	20.25	20.47
		50	0	23.30	23.26	23.29	21.22	21.50	21.46	22.57	22.79	22.72	20.18	20.32	20.49
	256QAM	1	0	21.44	21.24	21.39	19.26	19.34	19.27	20.37	20.67	20.72	17.78	17.91	18.18
		1	1	21.36	21.27	21.35	19.17	19.26	19.37	20.31	20.77	20.63	17.96	18.07	18.36
		1	50	21.38	21.21	21.43	19.17	19.49	19.40	20.60	20.77	20.61	18.32	18.12	18.32
		1	51	21.44	21.27	21.40	19.36	19.45	19.29	20.59	20.80	20.62	18.34	18.22	18.42
		25	12	21.27	21.32	21.24	19.23	19.27	19.38	20.48	20.63	20.52	18.05	18.29	18.42
		50	0	21.25	21.33	21.24	19.15	19.27	19.34	20.44	20.58	20.51	18.03	18.27	18.41

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	25.39	25.34	25.32	23.02	23.26	23.06	24.40	24.52	24.60	21.79	22.17	22.34
		1	1	25.67	25.64	25.56	23.31	23.60	23.49	24.63	24.77	24.83	22.00	22.43	22.64
		1	77	25.67	25.67	25.65	23.47	23.66	23.09	25.00	24.81	24.81	22.23	22.62	22.68
		1	78	25.46	25.42	25.45	23.26	23.46	22.48	24.67	24.63	24.57	22.06	22.41	22.45
		36	18	25.51	25.59	25.50	23.34	23.48	23.46	24.57	24.58	24.67	22.06	22.43	22.56
		75	0	25.42	25.43	25.41	23.24	23.34	23.35	24.43	24.47	24.56	21.94	22.30	22.42
	QPSK	1	0	24.96	24.96	24.84	21.80	22.20	21.87	23.77	23.98	24.12	21.35	21.71	21.90
		1	1	25.70	25.69	25.57	22.84	23.16	22.91	24.57	24.79	24.78	22.02	22.40	22.61
		1	77	25.69	25.62	25.54	23.40	23.70	22.45	24.84	24.73	24.75	22.34	22.61	22.70
		1	78	24.97	24.97	24.81	22.49	22.93	21.55	24.03	23.96	24.07	21.60	21.94	21.97
		36	18	25.62	25.64	25.61	23.52	23.62	23.60	24.56	24.63	24.75	22.14	22.57	22.66
		75	0	24.93	24.96	24.95	22.57	22.72	22.30	23.93	23.99	24.09	21.56	21.82	21.96
		1	0	23.79	23.79	23.69	21.00	21.50	20.87	22.78	22.87	23.12	20.19	20.81	20.92
		1	1	24.84	24.79	24.65	22.11	22.57	21.88	23.81	24.01	24.19	21.17	21.94	22.00
		1	77	24.78	24.81	24.70	22.78	23.21	21.68	24.11	23.88	24.20	21.43	22.18	22.16
		1	78	23.79	23.74	23.71	21.86	22.13	21.79	23.09	23.06	23.07	20.43	21.18	21.00
		36	18	24.87	24.92	24.90	22.76	22.82	22.75	23.94	23.97	24.08	21.44	21.84	21.95
		75	0	23.88	23.90	23.89	21.71	21.87	21.55	22.92	23.06	23.07	20.47	20.74	20.92
	64QAM	1	0	23.39	23.38	23.25	20.51	20.93	20.82	22.15	22.32	22.63	19.87	20.07	20.52
		1	1	23.32	23.49	23.27	20.55	20.88	20.93	22.13	22.51	22.61	19.78	20.14	20.58
		1	77	23.41	23.42	23.27	21.38	21.35	20.87	22.38	22.51	22.56	20.06	20.42	20.59
		1	78	23.41	23.39	23.18	21.31	21.25	20.84	22.38	22.51	22.56	20.14	20.28	20.60
		36	18	23.31	23.42	23.34	21.20	21.32	21.38	22.33	22.61	22.53	20.03	20.27	20.46
		75	0	23.36	23.40	23.38	21.17	21.30	21.06	22.34	22.54	22.55	20.00	20.28	20.41
		1	0	21.23	21.59	21.36	18.68	18.95	19.22	20.08	20.57	20.49	17.68	18.09	18.58
		1	1	21.29	21.55	21.48	18.85	19.02	19.12	20.13	20.61	20.62	17.86	18.13	18.77
		1	77	21.32	21.42	21.44	19.01	19.09	19.12	20.28	20.60	20.52	18.23	18.33	18.74
		1	78	21.27	21.58	21.47	19.01	18.99	19.14	20.38	20.51	20.59	18.15	18.28	18.70
		36	18	21.28	21.37	21.39	19.20	19.25	19.26	20.31	20.59	20.53	18.00	18.18	18.43
		75	0	21.30	21.41	21.41	19.18	19.25	19.30	20.34	20.51	20.49	17.92	18.23	18.48

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	25.32	25.43	25.42	23.09	23.37	23.37	24.45	24.58	24.67	21.72	22.17	22.32
		1	1	25.60	25.65	25.62	23.48	23.64	23.67	24.66	24.91	24.94	22.02	22.42	22.63
		1	104	25.62	25.60	25.63	23.58	23.62	23.15	24.86	24.99	24.84	22.39	22.64	22.57
		1	105	25.43	25.39	25.33	23.19	23.47	22.58	24.68	24.65	24.70	22.11	22.45	22.43
		50	25	25.57	25.62	25.56	23.54	23.62	23.67	24.78	24.83	24.88	22.23	22.51	22.60
		100	0	25.38	25.41	25.33	23.33	23.46	23.42	24.59	24.62	24.68	22.04	22.31	22.41
	QPSK	1	0	24.87	24.97	24.86	21.85	21.92	21.82	23.92	24.09	24.29	21.31	21.76	21.86
		1	1	25.63	25.65	25.61	22.94	22.90	22.82	24.69	24.87	24.99	22.10	22.51	22.59
		1	104	25.70	25.53	25.65	22.97	23.58	22.36	25.00	24.79	24.92	22.37	22.70	22.61
		1	105	24.91	24.82	24.90	22.11	22.70	21.46	24.27	24.13	24.24	21.69	21.88	21.98
		50	25	25.60	25.65	25.62	23.60	23.70	23.41	24.80	24.81	24.94	22.26	22.52	22.70
		100	0	24.87	24.92	24.88	22.52	22.62	22.36	24.06	24.08	24.20	21.56	21.81	21.91
		1	0	23.90	23.68	23.85	21.14	21.41	21.34	22.73	23.00	23.32	20.33	20.43	21.07
		1	1	24.96	24.78	24.79	22.35	22.49	22.23	23.73	24.08	24.28	21.24	21.47	22.18
		1	104	24.93	24.79	24.74	22.50	23.18	21.95	24.17	24.08	24.19	21.70	21.79	22.15
		1	105	23.87	23.68	23.71	21.61	22.19	21.11	23.12	23.05	23.22	20.64	20.65	21.13
		50	25	24.86	24.90	24.87	22.77	22.99	22.59	24.18	24.19	24.19	21.54	21.83	21.90
		100	0	23.81	23.89	23.82	21.57	21.83	21.43	23.08	23.04	23.15	20.51	20.69	20.90
	64QAM	1	0	23.28	23.27	23.10	19.97	20.88	20.57	22.30	22.28	22.31	19.79	20.07	20.39
		1	1	23.33	23.32	23.18	20.22	20.88	20.72	22.20	22.41	22.24	19.97	19.92	20.57
		1	104	23.33	23.40	23.13	20.64	21.63	20.61	22.62	22.47	22.21	20.33	20.18	20.56
		1	105	23.28	23.41	23.14	20.62	21.59	20.57	22.58	22.40	22.04	20.28	20.19	20.47
		50	25	23.30	23.34	23.39	21.33	21.40	21.21	22.55	22.67	22.61	20.03	20.24	20.42
		100	0	23.29	23.35	23.27	21.27	21.41	21.10	22.55	22.66	22.60	20.03	20.23	20.41
		1	0	21.24	21.41	21.28	19.25	19.17	19.17	20.55	20.72	20.81	17.65	18.17	18.28
		1	1	21.33	21.36	21.34	19.26	19.25	19.29	20.36	20.84	20.74	17.72	18.15	18.40
		1	104	21.45	21.40	21.37	19.46	19.23	19.42	20.94	20.71	20.73	17.98	18.36	18.60
		1	105	21.37	21.35	21.36	19.56	19.45	19.28	20.81	20.76	20.66	18.13	18.42	18.71
		50	25	21.24	21.26	21.25	19.23	19.31	19.35	20.50	20.63	20.60	18.04	18.21	18.46
		100	0	21.22	21.28	21.29	19.27	19.34	19.35	20.51	20.62	20.56	17.97	18.21	18.38

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	25.32	25.38	25.29	23.28	23.23	23.18	24.39	24.55	24.57	21.75	22.10	22.25
		1	1	25.51	25.62	25.50	23.36	23.54	23.50	24.60	24.89	24.83	22.04	22.40	22.54
		1	131	25.61	25.59	25.56	23.60	23.70	22.82	24.90	24.76	24.83	22.41	22.53	22.66
		1	132	25.35	25.43	25.41	23.07	23.12	22.27	24.71	24.54	24.54	22.19	22.36	22.43
		64	32	25.57	25.52	25.57	23.45	23.60	23.60	24.76	24.77	24.71	22.26	22.50	22.63
		128	0	25.38	25.31	25.39	23.29	23.41	23.41	24.56	24.49	24.49	22.02	22.29	22.40
	QPSK	1	0	24.88	25.01	24.85	22.22	22.06	22.91	23.88	24.12	24.16	21.32	21.61	21.90
		1	1	25.63	25.70	25.60	23.26	23.00	23.62	24.61	25.00	24.82	22.04	22.38	22.60
		1	131	25.56	25.57	25.53	23.11	23.14	22.65	24.77	24.82	24.77	22.39	22.51	22.70
		1	132	24.94	24.90	24.84	22.24	22.21	21.90	24.05	24.13	24.07	21.69	21.93	22.00
		64	32	25.55	25.56	25.57	23.53	23.62	23.25	24.81	24.80	24.87	22.21	22.53	22.60
		128	0	24.86	24.80	24.87	22.36	22.78	22.18	24.06	24.04	24.01	21.53	21.79	21.90
	16QAM	1	0	23.83	23.74	23.66	21.26	21.41	21.92	22.53	23.10	23.07	20.64	20.51	20.91
		1	1	24.83	24.85	24.53	22.35	22.27	22.77	23.63	24.22	24.04	21.70	21.56	21.86
		1	131	24.77	24.63	24.53	22.31	22.57	21.90	23.86	24.18	23.91	21.98	21.89	22.01
		1	132	23.97	23.62	23.63	21.47	21.60	20.98	22.79	22.94	22.95	21.01	20.76	20.85
		64	32	24.80	24.89	24.78	22.61	22.93	22.25	24.02	23.97	24.12	21.60	21.77	21.89
		128	0	23.82	23.89	23.78	21.39	21.81	21.34	22.96	23.02	23.11	20.45	20.74	20.88
	64QAM	1	0	23.22	22.98	23.40	20.39	20.77	21.29	22.24	22.41	22.53	19.77	20.40	20.26
		1	1	23.40	23.20	23.33	20.35	20.79	21.42	22.25	22.37	22.64	19.78	20.26	20.43
		1	131	23.21	23.13	23.35	20.63	21.06	20.62	22.68	22.36	22.48	20.16	20.33	20.35
		1	132	23.27	23.24	23.39	20.62	21.07	20.61	22.57	22.35	22.51	20.25	20.55	20.40
		64	32	23.29	23.33	23.26	21.20	21.24	20.83	22.57	22.49	22.58	20.00	20.17	20.28
		128	0	23.26	23.35	23.28	20.94	21.24	20.92	22.55	22.53	22.58	20.08	20.22	20.33
256QAM	1	0	21.23	21.23	21.23	18.61	19.04	19.08	20.30	20.39	20.30	17.40	18.33	18.20	
	1	1	21.17	21.20	21.26	18.71	19.11	19.16	20.21	20.57	20.35	17.56	18.30	18.35	
	1	131	21.24	21.32	21.33	19.15	19.18	19.19	20.55	20.56	20.20	18.05	18.61	18.35	
	1	132	21.29	21.30	21.23	19.00	19.22	18.98	20.51	20.39	20.17	18.08	18.54	18.34	
	64	32	21.27	21.34	21.25	19.23	19.28	19.23	20.48	20.48	20.58	18.00	18.20	18.29	
	128	0	21.27	21.32	21.24	19.13	19.32	19.32	20.50	20.56	20.57	18.01	18.18	18.30	

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	25.44	25.37	25.45	23.03	23.28	23.23	24.38	24.63	24.76	21.86	22.07	22.23
		1	1	25.61	25.63	25.66	23.49	23.65	23.63	24.69	25.00	24.79	22.17	22.45	22.54
		1	158	25.63	25.61	25.68	23.69	23.39	22.91	24.90	24.95	24.90	22.44	22.53	22.70
		1	159	25.41	25.38	25.51	23.10	22.84	22.30	24.72	24.74	24.67	22.27	22.33	22.50
		80	40	25.59	25.55	25.64	23.68	23.68	23.68	24.90	24.82	24.76	22.36	22.50	22.59
		160	0	25.46	25.40	25.48	23.50	23.53	23.53	24.69	24.66	24.67	22.19	22.33	22.43
	QPSK	1	0	24.94	24.83	24.96	22.19	22.24	22.97	23.99	24.15	24.16	21.41	21.57	21.90
		1	1	25.67	25.65	25.70	23.28	23.17	23.70	24.79	24.97	24.94	22.28	22.45	22.47
		1	158	25.61	25.70	25.70	23.52	23.02	22.34	24.99	24.84	24.90	22.55	22.60	22.67
		1	159	24.87	24.94	24.92	22.61	22.11	21.38	24.16	24.28	24.28	21.85	21.82	21.93
		80	40	25.68	25.62	25.64	22.78	23.60	23.26	24.90	24.82	24.83	22.40	22.52	22.62
		160	0	24.95	24.93	24.96	22.44	22.54	22.41	24.17	24.16	24.12	21.68	21.83	21.92
	16QAM	1	0	24.17	24.04	24.03	21.13	21.29	21.71	23.09	22.77	23.21	20.34	20.55	20.82
		1	1	25.04	25.23	24.97	22.07	22.29	22.70	24.05	23.89	23.96	21.54	21.75	21.94
		1	158	25.12	25.03	25.04	22.53	22.10	21.62	24.31	23.82	24.25	21.73	21.82	22.12
		1	159	24.02	24.06	24.05	21.61	21.08	20.68	23.25	22.82	23.17	20.72	20.77	21.19
		80	40	24.95	24.91	24.91	22.34	22.98	22.17	24.17	24.15	24.21	21.68	21.78	21.84
		160	0	23.96	23.86	23.88	21.50	21.58	21.71	23.18	23.09	23.09	20.64	20.77	20.87
	64QAM	1	0	23.25	23.30	23.50	20.33	20.84	21.55	22.32	22.46	22.27	19.83	20.25	19.96
		1	1	23.32	23.30	23.54	20.45	20.90	21.52	22.31	22.67	22.39	19.87	20.26	20.13
		1	158	23.35	23.27	23.50	20.89	20.76	20.81	22.54	22.48	22.33	20.24	20.39	20.31
		1	159	23.31	23.13	23.57	20.94	20.79	20.70	22.56	22.53	22.41	20.20	20.45	20.27
		80	40	23.29	23.42	23.33	21.17	21.39	20.91	22.59	22.53	22.61	20.15	20.20	20.31
		160	0	23.39	23.45	23.38	21.01	21.24	21.07	22.66	22.63	22.66	20.14	20.29	20.35
256QAM	1	0	21.30	21.56	21.44	18.83	19.40	19.53	20.64	20.78	20.86	17.92	17.91	18.28	
	1	1	21.27	21.41	21.52	18.97	19.51	19.56	20.74	20.89	20.77	18.04	18.18	18.23	
	1	158	21.35	21.54	21.46	19.42	19.46	19.51	20.88	21.01	20.88	18.41	18.27	18.68	
	1	159	21.33	21.66	21.48	19.47	19.50	19.53	20.96	20.82	20.71	18.64	18.49	18.42	
	80	40	21.28	21.32	21.28	19.29	19.34	19.41	20.61	20.67	20.63	18.18	18.24	18.30	
	160	0	21.35	21.42	21.29	19.33	19.41	19.48	20.57	20.68	20.60	18.11	18.25	18.45	

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	25.28	25.20	25.23	23.04	23.05	23.14	24.16	24.66	24.63	21.66	21.69	22.01
		1	1	25.33	25.38	25.38	23.30	23.33	23.11	24.35	24.77	24.68	21.85	22.03	22.21
		1	186	25.56	25.63	25.60	23.45	23.65	23.70	24.91	24.92	24.99	22.28	22.50	22.59
		1	187	25.54	25.47	25.61	23.29	23.19	23.66	24.60	24.72	24.78	22.12	22.21	22.31
		90	45	25.39	25.34	25.40	23.27	23.33	23.41	24.73	24.66	24.80	21.97	22.24	22.36
		180	0	25.32	25.41	25.49	23.12	23.20	23.26	24.47	24.62	24.63	21.83	21.98	22.21
	QPSK	1	0	25.36	25.35	25.19	22.37	22.62	22.67	23.79	23.98	24.03	21.13	21.24	21.52
		1	1	25.40	25.29	25.32	23.39	23.33	23.49	24.52	24.69	24.57	21.91	22.19	22.23
		1	186	25.42	25.54	25.70	23.50	23.47	23.48	24.84	24.95	25.00	22.15	22.48	22.70
		1	187	25.49	25.65	25.52	22.59	22.44	22.67	24.22	24.26	24.31	21.51	21.82	22.05
		90	45	25.35	25.38	25.43	23.21	23.32	23.52	24.65	24.74	24.83	22.02	22.10	22.37
		180	0	25.36	25.34	25.49	22.54	22.67	22.64	23.98	24.05	24.20	21.35	21.55	21.71
	16QAM	1	0	24.33	24.08	24.16	21.52	21.50	21.64	22.48	22.69	23.23	19.92	20.48	20.39
		1	1	25.68	25.47	25.31	22.62	22.73	23.05	23.60	23.88	24.10	21.10	21.69	21.62
		1	186	25.69	25.70	25.50	22.90	22.63	22.30	24.10	24.24	24.16	21.14	22.02	21.95
		1	187	24.32	24.14	24.49	21.78	21.59	21.89	22.70	22.95	23.44	20.33	20.95	21.03
		90	45	25.35	25.28	25.49	22.59	22.65	22.75	23.99	24.01	24.09	21.40	21.44	21.62
		180	0	24.32	24.38	24.49	21.56	21.65	21.75	22.95	23.04	23.16	20.36	20.47	20.67
	64QAM	1	0	23.52	24.03	23.79	20.87	20.96	21.17	22.16	22.69	22.40	19.74	19.68	19.72
		1	1	23.75	23.44	24.32	21.07	21.05	21.08	22.26	22.66	22.19	19.77	20.00	19.86
		1	186	24.01	24.06	24.19	21.19	21.21	21.81	22.66	22.74	22.85	19.66	20.42	20.42
		1	187	23.66	24.13	24.18	21.28	21.15	21.52	22.78	22.96	22.77	20.05	20.31	20.42
		90	45	23.79	23.80	23.95	21.00	21.09	21.11	22.51	22.43	22.51	19.83	20.03	20.17
		180	0	23.86	23.91	23.96	21.04	21.16	21.23	22.54	22.50	22.59	19.80	20.03	20.62
	256QAM	1	0	21.64	21.20	21.79	19.36	19.40	19.42	20.68	20.57	20.85	17.50	17.91	18.65
		1	1	21.48	21.01	21.62	19.26	19.42	19.29	20.75	20.61	20.69	17.66	18.10	18.72
		1	186	2.16	21.99	21.82	19.33	19.46	19.74	21.04	20.76	20.94	18.48	18.31	18.91
		1	187	21.43	21.68	22.08	19.40	19.59	19.73	20.95	20.74	21.27	18.16	18.73	19.08
		90	45	21.74	21.83	21.93	19.01	19.05	19.31	20.50	20.45	20.56	17.87	18.00	18.52
		180	0	21.74	21.84	21.90	19.03	19.13	19.29	20.57	20.60	20.57	17.83	17.99	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	25.39	25.48	25.33	23.00	23.10	23.22	24.38	24.54	24.70	21.73	21.90	22.03
		1	1	25.61	25.69	25.59	23.38	23.43	23.54	24.66	24.89	24.78	21.99	22.28	22.31
		1	214	25.61	25.70	25.66	23.63	23.09	22.94	24.93	24.96	24.94	22.35	22.51	22.60
		1	215	25.38	25.52	25.39	23.41	22.67	22.42	24.74	24.74	24.74	22.29	22.31	22.39
		108	54	25.56	25.52	25.50	23.51	23.47	23.49	24.75	24.81	24.84	22.21	22.36	22.45
		216	0	25.34	25.39	25.40	23.39	23.37	23.51	24.58	24.64	24.65	22.06	22.19	22.25
	QPSK	1	0	24.84	24.91	24.84	21.89	22.69	22.85	23.95	24.22	24.25	21.20	21.46	21.66
		1	1	25.63	25.70	25.44	22.94	23.49	23.63	24.70	25.00	24.99	22.09	22.32	22.39
		1	214	25.56	25.67	25.59	23.70	23.17	22.44	24.90	24.94	24.98	22.48	22.50	22.70
		1	215	24.88	24.86	24.95	23.00	22.25	21.52	24.21	24.20	24.37	21.74	21.85	21.90
		108	54	25.62	25.56	25.60	23.08	23.63	23.25	24.96	24.90	24.89	22.28	22.46	22.50
		216	0	24.87	24.89	24.89	22.42	22.69	22.40	24.20	24.18	24.18	21.61	21.74	21.81
	16QAM	1	0	23.74	23.98	23.63	20.94	21.75	21.73	23.00	23.06	23.20	20.27	20.42	20.74
		1	1	24.77	25.02	24.59	22.02	22.55	22.67	24.02	24.08	24.36	21.45	21.64	21.78
		1	214	24.67	25.06	24.64	23.10	22.12	21.49	24.16	24.26	24.51	21.85	21.78	21.92
		1	215	23.75	23.93	23.72	22.01	21.21	20.49	23.16	23.24	23.26	20.92	20.92	20.85
		108	54	24.93	24.83	24.82	22.18	22.89	22.36	24.22	24.13	24.12	21.55	21.76	21.72
		216	0	23.93	23.81	23.83	21.66	21.50	21.55	23.22	23.13	23.18	20.56	20.68	20.75
	64QAM	1	0	23.36	23.21	23.23	20.59	21.33	21.21	21.98	22.63	22.45	19.86	19.85	20.08
		1	1	23.45	23.38	23.46	20.66	21.32	21.45	22.02	22.74	22.74	19.83	19.77	20.23
		1	214	23.27	23.41	23.34	21.53	20.42	20.40	22.28	22.67	22.53	20.46	20.14	20.22
		1	215	23.21	23.48	23.32	21.61	20.56	20.33	22.38	22.74	22.55	20.28	20.13	20.47
		108	54	23.35	23.39	23.26	20.86	21.28	20.99	22.63	22.61	22.69	20.09	20.14	20.20
		216	0	23.38	23.33	23.26	21.13	21.11	21.26	22.64	22.70	22.69	20.15	20.19	20.22
	256QAM	1	0	21.34	21.51	21.09	18.84	19.26	19.18	20.56	20.49	20.80	17.65	17.92	18.01
		1	1	21.34	21.34	21.40	18.77	19.31	19.44	20.72	20.65	20.78	17.98	18.20	18.23
		1	214	21.33	21.46	21.18	19.46	19.12	19.20	20.76	20.66	20.73	18.45	18.24	18.63
		1	215	21.36	21.40	21.19	19.35	19.19	19.30	20.81	20.79	20.72	18.49	18.28	18.55
		108	54	21.34	21.31	21.26	19.19	19.20	19.30	20.63	20.57	20.64	18.06	18.18	18.32
		216	0	21.36	21.34	21.30	19.21	19.18	19.32	20.62	20.71	20.70	18.10	18.18	18.33

8.2. LTE BAND 12 AND 5G NR n12

LTE BAND 12

Test Engineer ID:	32061	Test Date:	3/7/2023
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OUTPUT POWER FOR LTE BAND 12 (1.4 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)									
				ANT 1			ANT 2			ANT 3			
				23017	23095	23173	23017	23095	23173	23017	23095	23173	
1.4	QPSK	1	0	25.58	25.61	25.60	24.55	24.61	24.58	25.35	25.21	25.30	
		1	2	25.68	25.67	25.68	24.60	24.67	24.62	25.40	25.31	25.35	
		1	5	25.62	25.63	25.67	24.60	24.63	24.58	25.35	25.33	25.38	
		3	0	25.65	25.66	25.64	24.61	24.66	24.58	25.33	25.29	25.28	
		3	1	25.67	25.67	25.66	24.64	24.70	24.62	25.35	25.28	25.30	
		3	2	25.65	25.68	25.70	24.63	24.69	24.63	25.36	25.28	25.36	
	16QAM	6	0	24.95	24.97	24.90	23.58	23.64	23.58	24.32	24.26	24.23	
		1	0	25.05	25.10	25.14	23.76	23.83	23.84	24.65	24.56	24.64	
		1	2	25.17	25.13	25.08	23.85	23.89	23.88	24.73	24.61	24.70	
		1	5	25.13	25.07	25.06	23.83	23.84	23.80	24.69	24.59	24.65	
		3	0	25.08	25.07	25.03	23.77	23.85	23.77	24.53	24.46	24.49	
		3	1	25.10	25.07	25.06	23.79	23.85	23.75	24.52	24.43	24.48	
	64QAM	3	2	25.07	25.07	25.10	23.77	23.85	23.75	24.55	24.44	24.52	
		6	0	24.02	24.04	23.98	22.67	22.70	22.69	23.34	23.29	23.25	
		1	0	24.05	24.07	24.11	22.71	22.83	22.74	23.57	23.46	23.48	
		1	2	24.15	24.17	24.12	22.86	22.87	22.82	23.54	23.44	23.53	
		1	5	24.08	24.15	24.18	22.78	22.78	22.77	23.58	23.44	23.51	
		3	0	24.02	24.03	23.97	22.70	22.68	22.75	23.38	23.34	23.35	
	256QAM	3	1	24.04	24.02	23.97	22.73	22.68	22.75	23.39	23.34	23.37	
		3	2	24.04	24.04	24.01	22.72	22.68	22.75	23.41	23.33	23.40	
		6	0	22.94	22.86	22.94	21.60	21.64	21.61	22.31	22.21	22.18	
		1	0	20.92	20.99	20.92	19.71	19.62	19.81	20.30	20.32	20.33	
		1	2	21.05	21.04	21.03	19.80	19.74	19.79	20.40	20.40	20.39	
		1	5	21.06	21.00	21.00	19.66	19.75	19.76	20.29	20.29	20.50	
	1.4	256QAM	3	0	20.91	20.97	20.85	19.66	19.66	19.66	20.34	20.28	20.22
			3	1	20.91	20.94	20.88	19.64	19.68	19.65	20.37	20.25	20.21
			3	2	20.91	20.95	20.95	19.64	19.66	19.66	20.34	20.26	20.30
			6	0	21.03	20.89	20.77	19.51	19.47	19.68	20.39	20.13	20.11

OUTPUT POWER FOR LTE BAND 12 (3.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)									
				ANT 1			ANT 2			ANT 3			
				23025	23095	23165	23025	23095	23165	23025	23095	23165	
3.0	QPSK	1	0	25.60	25.54	25.54	24.51	24.56	24.51	25.30	25.18	25.23	
		1	7	25.70	25.68	25.70	24.66	24.70	24.62	25.40	25.33	25.37	
		1	14	25.64	25.61	25.64	24.52	24.56	24.55	25.26	25.20	25.25	
		8	0	24.99	24.91	24.93	23.58	23.57	23.53	24.36	24.23	24.26	
		8	4	25.03	25.04	24.97	23.65	23.67	23.57	24.38	24.32	24.30	
		8	7	25.00	25.03	25.05	23.63	23.67	23.55	24.38	24.30	24.37	
	16QAM	15	0	24.98	24.99	24.92	23.60	23.64	23.51	24.34	24.26	24.32	
		1	0	25.08	25.09	25.16	23.82	23.93	23.87	24.56	24.52	24.61	
		1	7	25.19	25.17	25.17	23.96	24.09	24.01	24.71	24.61	24.67	
		1	14	25.05	25.14	25.04	23.87	23.98	23.93	24.59	24.54	24.64	
		8	0	24.02	23.99	23.96	22.69	22.62	22.59	23.40	23.29	23.34	
		8	4	24.05	24.10	24.00	22.75	22.72	22.65	23.44	23.38	23.37	
	64QAM	8	7	24.07	24.08	24.07	22.74	22.70	22.63	23.40	23.35	23.45	
		15	0	23.97	24.04	23.92	22.65	22.66	22.55	23.38	23.30	23.37	
		1	0	24.04	24.14	24.14	22.80	22.83	22.72	23.52	23.42	23.37	
		1	7	24.22	24.17	24.18	22.85	22.93	22.84	23.62	23.60	23.49	
		1	14	24.15	24.08	24.05	22.79	22.86	22.84	23.47	23.44	23.35	
		8	0	23.01	22.91	22.91	21.67	21.58	21.54	22.39	22.26	22.27	
	256QAM	8	4	23.04	23.02	22.94	21.71	21.69	21.58	22.41	22.32	22.30	
		8	7	23.03	23.03	23.02	21.71	21.68	21.59	22.40	22.35	22.39	
		15	0	22.98	22.97	22.89	21.65	21.63	21.52	22.39	22.30	22.33	
		1	0	20.97	21.01	20.99	19.61	19.59	19.62	20.31	20.28	20.33	
		1	7	21.09	21.11	21.14	19.88	19.79	19.74	20.50	20.41	20.43	
		1	14	21.01	21.04	21.04	19.76	19.67	19.67	20.43	20.26	20.38	
	3.0	256QAM	8	0	20.96	20.86	20.87	19.64	19.53	19.54	20.33	20.23	20.24
			8	4	21.02	20.97	20.91	19.66	19.65	19.56	20.36	20.34	20.27
			8	7	20.97	20.97	20.98	19.67	19.66	19.55	20.41	20.29	20.32
			15	0	20.97	20.95	20.88	19.63	19.64	19.50	20.35	20.27	20.30

OUTPUT POWER FOR LTE BAND 12 (5.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 1			ANT 2			ANT 3		
				23035	23095	23155	23035	23095	23155	23035	23095	23155
5.0	QPSK	1	0	25.54	25.53	25.56	24.55	24.55	24.53	25.29	25.25	25.22
		1	12	25.68	25.70	25.69	24.70	24.68	24.67	25.40	25.35	25.32
		1	24	25.56	25.58	25.60	24.55	24.54	24.52	25.26	25.25	25.24
		12	0	24.84	24.85	24.85	23.51	23.52	23.49	24.29	24.25	24.22
		12	6	24.93	24.95	24.88	23.62	23.64	23.52	24.37	24.32	24.24
		12	11	24.93	24.90	24.95	23.60	23.60	23.56	24.32	24.30	24.28
		25	0	24.91	24.92	24.85	23.61	23.59	23.50	24.34	24.31	24.22
	16QAM	1	0	25.07	25.04	25.09	23.89	23.86	23.91	24.67	24.67	24.71
		1	12	25.22	25.12	25.12	24.09	24.06	24.07	24.79	24.80	24.85
		1	24	25.10	25.04	25.07	23.89	23.90	23.89	24.62	24.66	24.69
		12	0	23.83	23.87	23.78	22.65	22.58	22.58	23.27	23.25	23.34
		12	6	23.96	23.96	23.82	22.77	22.71	22.61	23.37	23.34	23.36
		12	11	23.92	23.95	23.86	22.73	22.67	22.67	23.31	23.34	23.40
		25	0	23.91	23.93	23.86	22.58	22.58	22.52	23.36	23.31	23.25
	64QAM	1	0	24.00	23.97	24.02	22.66	22.68	22.64	23.51	23.28	23.48
		1	12	24.01	24.02	24.09	22.71	22.70	22.69	23.54	23.33	23.54
		1	24	23.93	23.94	23.99	22.61	22.65	22.63	23.46	23.27	23.45
		12	0	22.83	22.81	22.85	21.53	21.49	21.47	22.30	22.22	22.24
		12	6	22.95	22.94	22.86	21.62	21.62	21.51	22.37	22.33	22.25
		12	11	22.93	22.89	22.91	21.59	21.59	21.56	22.33	22.28	22.32
		25	0	22.90	22.89	22.83	21.58	21.58	21.46	22.34	22.29	22.23
	256QAM	1	0	20.85	20.97	20.97	19.61	19.68	19.53	20.43	20.36	20.32
		1	12	21.03	21.07	21.08	19.66	19.75	19.63	20.52	20.44	20.49
		1	24	20.95	20.99	21.02	19.62	19.63	19.61	20.38	20.33	20.42
		12	0	20.80	20.78	20.79	19.50	19.51	19.44	20.26	20.19	20.23
12		6	20.91	20.91	20.84	19.58	19.59	19.50	20.37	20.26	20.25	
12		11	20.88	20.85	20.89	19.59	19.59	19.51	20.30	20.24	20.28	
25		0	20.89	20.86	20.80	19.55	19.54	19.46	20.34	20.24	20.17	

OUTPUT POWER FOR LTE BAND 12 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 1			ANT 2			ANT 3		
				23060	23095	23130	23060	23095	23130	23060	23095	23130
10.0	QPSK	1	0	25.69	25.67	25.69	24.68	24.68	24.69	25.40	25.39	25.40
		1	24	25.69	25.70	25.69	24.67	24.70	24.65	25.37	25.34	25.34
		1	49	25.63	25.67	25.67	24.64	24.64	24.60	25.27	25.31	25.35
		25	0	24.94	24.97	24.96	23.62	23.63	23.60	24.33	24.33	24.31
		25	12	25.04	25.05	25.06	23.70	23.73	23.69	24.41	24.40	24.34
		25	24	25.02	25.02	25.03	23.67	23.69	23.66	24.35	24.35	24.39
		50	0	25.05	25.05	25.05	23.68	23.69	23.68	24.39	24.37	24.32
	16QAM	1	0	25.21	25.15	25.19	24.15	24.17	24.12	24.78	24.82	24.74
		1	24	25.19	25.10	25.15	24.04	24.01	24.03	24.64	24.67	24.69
		1	49	25.12	25.08	25.15	24.02	24.05	24.00	24.68	24.66	24.73
		25	0	23.97	24.02	23.99	22.71	22.70	22.60	23.38	23.33	23.35
		25	12	24.05	24.08	24.09	22.78	22.78	22.68	23.40	23.39	23.37
		25	24	24.03	24.05	24.05	22.76	22.74	22.67	23.34	23.34	23.40
		50	0	24.02	24.05	24.05	22.68	22.70	22.68	23.41	23.37	23.33
	64QAM	1	0	24.23	24.17	24.21	22.86	22.91	22.83	23.63	23.61	23.58
		1	24	24.26	24.20	24.29	22.83	22.94	22.80	23.66	23.50	23.55
		1	49	24.18	24.19	24.20	22.75	22.88	22.72	23.56	23.43	23.51
		25	0	22.94	22.95	22.94	21.59	21.60	21.57	22.35	22.32	22.30
		25	12	23.04	23.03	23.02	21.68	21.69	21.66	22.40	22.39	22.31
		25	24	22.99	22.99	23.01	21.63	21.66	21.62	22.36	22.34	22.36
		50	0	23.00	23.01	23.01	21.64	21.67	21.65	22.41	22.37	22.31
	256QAM	1	0	21.10	21.03	21.04	19.69	19.71	19.72	20.46	20.47	20.41
		1	24	21.17	21.12	21.13	19.77	19.80	19.76	20.49	20.48	20.43
		1	49	21.13	21.09	21.06	19.66	19.73	19.70	20.36	20.41	20.41
		25	0	20.92	20.92	20.90	19.59	19.61	19.56	20.33	20.28	20.28
25		12	21.02	21.00	20.99	19.67	19.69	19.66	20.39	20.38	20.31	
25		24	20.96	20.98	20.95	19.65	19.66	19.61	20.33	20.34	20.33	
50		0	20.99	20.97	20.97	19.66	19.65	19.62	20.34	20.34	20.27	

5G NR n12

Test Engineer ID:	25602	Test Date:	2/19/2023
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OUTPUT POWER FOR 5G NR n12 (5.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 1			ANT 2			ANT 3		
				140300	141500	142700	140300	141500	142700	140300	141500	142700
5.0	BPSK	1	0	25.48	25.44	25.38	24.45	24.38	24.44	24.91	25.07	24.63
		1	1	25.70	25.53	25.64	24.66	24.62	24.69	25.07	25.22	25.20
		1	23	25.66	25.57	25.60	24.58	24.60	24.55	25.08	25.14	25.30
		1	24	25.40	25.35	25.36	24.38	24.36	24.36	24.91	24.64	25.16
		12	6	25.66	25.63	25.58	24.70	24.63	24.67	25.19	25.31	25.40
		25	0	25.33	25.35	25.37	24.38	24.40	24.31	24.87	24.95	25.09
	QPSK	1	0	24.96	24.96	24.82	23.94	23.93	23.85	24.36	24.58	23.72
		1	1	25.69	25.58	25.67	24.62	24.69	24.66	25.19	25.33	24.84
		1	23	25.59	25.67	25.63	24.61	24.65	24.56	25.24	24.33	25.40
		1	24	24.89	24.89	24.84	23.94	23.93	23.87	24.40	23.33	24.67
		12	6	25.66	25.62	25.64	24.68	24.70	24.55	25.13	25.17	25.34
		25	0	24.92	24.87	24.74	23.94	23.93	23.91	24.48	24.49	24.69
	16QAM	1	0	23.78	23.80	23.66	22.90	23.03	22.71	23.07	23.29	22.47
		1	1	24.80	24.65	24.58	23.95	24.04	23.83	24.05	24.36	23.37
		1	23	24.76	24.61	24.51	23.84	24.00	23.66	24.17	23.07	24.87
		1	24	23.71	23.70	23.53	22.87	23.08	22.64	23.17	22.18	23.84
		12	6	24.90	24.86	24.79	24.10	24.01	24.02	24.48	24.33	24.77
		25	0	23.91	23.88	23.84	22.92	22.87	22.90	23.62	23.42	23.73
	64QAM	1	0	23.27	23.48	23.27	22.44	22.56	22.35	22.86	22.98	21.89
		1	1	23.42	23.35	23.47	22.55	22.54	22.38	22.92	23.06	21.90
		1	23	23.22	23.44	23.30	22.41	22.53	22.26	22.95	21.91	22.94
		1	24	23.29	23.40	23.32	22.52	22.60	22.27	23.12	21.90	22.87
		12	6	23.33	23.36	23.27	22.50	22.41	22.42	22.89	23.09	23.07
		25	0	23.40	23.34	23.33	22.55	22.53	22.52	22.96	23.08	23.19
	256QAM	1	0	21.25	21.26	21.41	20.61	20.26	20.34	21.11	20.77	20.44
		1	1	21.24	21.15	21.37	20.61	20.30	20.34	21.12	20.63	20.50
		1	23	21.26	21.12	21.19	20.60	20.24	20.40	21.08	20.45	21.13
		1	24	21.22	21.08	21.36	20.57	20.23	20.43	21.11	20.38	21.05
		12	6	21.31	21.34	21.34	20.48	20.37	20.46	20.88	20.96	21.18
		25	0	21.38	21.29	21.29	20.50	20.41	20.39	20.89	21.16	21.09

OUTPUT POWER FOR 5G NR n12 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 1			ANT 2			ANT 3		
				140800	141500	142200	140800	141500	142200	140800	141500	142200
10.0	BPSK	1	0	25.44	25.44	25.44	24.50	24.43	24.44	25.03	25.05	25.16
		1	1	25.65	25.57	25.58	24.70	24.65	24.56	25.14	25.19	25.33
		1	50	25.58	25.64	25.52	24.57	24.60	24.41	25.31	25.35	25.40
		1	51	25.35	25.37	25.33	24.38	24.35	24.28	24.97	25.08	25.20
		25	12	25.50	25.53	25.49	24.48	24.54	24.50	25.20	25.15	25.33
		50	0	25.31	25.38	25.35	24.34	24.35	24.30	25.06	25.06	25.19
	QPSK	1	0	24.97	24.84	25.10	23.92	24.05	23.97	24.35	24.63	24.76
		1	1	25.66	25.64	25.70	24.58	24.67	24.59	25.19	25.24	25.30
		1	50	25.65	25.65	25.63	24.55	24.63	24.43	24.79	24.02	25.36
		1	51	24.85	24.64	24.92	23.82	23.94	23.70	23.82	23.09	24.68
		25	12	25.60	25.58	25.54	24.53	24.61	24.51	25.25	25.19	24.48
		50	0	24.83	24.91	24.86	23.93	23.94	23.84	24.53	24.62	24.32
	16QAM	1	0	23.81	23.93	23.85	23.02	22.73	23.10	23.29	23.32	23.38
		1	1	24.90	24.88	24.77	24.14	23.68	24.07	24.31	24.13	24.38
		1	50	24.71	24.86	24.55	23.86	23.68	23.91	23.83	23.68	24.35
		1	51	23.76	23.83	23.60	22.85	22.74	22.92	22.80	22.71	23.36
		25	12	24.83	24.91	24.77	23.87	23.79	23.82	24.49	24.57	23.07
		50	0	23.93	23.90	23.80	22.96	22.89	22.81	23.55	23.58	23.39
	64QAM	1	0	23.62	23.63	23.32	22.46	22.60	22.53	22.90	23.09	23.47
		1	1	23.74	23.44	23.36	22.50	22.41	22.41	23.08	23.07	23.34
		1	50	23.55	23.50	23.23	22.35	22.52	22.36	22.57	22.26	23.30
		1	51	23.56	23.52	23.13	22.35	22.49	22.27	22.49	22.31	23.31
		25	12	23.34	23.32	23.25	22.40	22.39	22.36	23.03	23.01	21.61
		50	0	23.25	23.37	23.23	22.47	22.42	22.38	23.03	23.04	22.78
	256QAM	1	0	21.22	21.16	21.36	20.34	20.17	20.59	20.65	20.96	20.90
		1	1	21.24	21.10	21.24	20.46	20.28	20.41	20.71	21.02	20.67
		1	50	21.26	21.30	21.28	20.43	20.31	20.46	20.85	20.62	21.13
		1	51	21.22	21.41	21.27	20.38	20.35	20.45	20.85	20.77	20.97
		25	12	21.26	21.31	21.31	20.41	20.32	20.39	20.94	21.13	19.97
		50	0	21.33	21.36	21.24	20.32	20.33	20.24	21.04	21.05	21.15

OUTPUT POWER FOR 5G NR n12 (15.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 1			ANT 2			ANT 3		
				141300	141500	141700	141300	141500	141700	141300	141500	141700
15.0	BPSK	1	0	25.41	25.50	25.49	24.58	24.43	24.40	24.91	24.99	25.01
		1	1	25.61	25.69	25.65	24.70	24.59	24.53	25.11	25.20	25.20
		1	77	25.43	25.49	25.42	24.66	24.47	24.42	25.24	25.40	25.29
		1	78	25.20	25.24	25.24	24.40	24.32	24.30	25.16	25.16	25.14
		36	18	25.49	25.48	25.46	24.53	24.43	24.48	25.05	25.06	25.04
		75	0	25.34	25.34	25.32	24.38	24.27	24.25	24.94	25.04	25.02
		1	0	24.82	24.92	24.83	23.91	23.92	23.75	24.04	24.55	24.56
	QPSK	1	1	25.64	25.70	25.70	24.70	24.63	24.63	25.19	25.23	25.27
		1	77	25.30	25.49	25.45	24.53	24.53	24.50	25.35	25.34	25.30
		1	78	24.34	24.64	24.77	23.73	23.84	23.73	24.62	24.59	24.58
		36	18	25.56	25.58	25.51	24.56	24.44	24.47	25.23	25.19	24.87
		75	0	24.76	24.84	24.77	23.74	23.78	23.58	24.34	24.50	24.54
		1	0	23.97	24.15	24.13	22.95	22.93	22.78	22.70	23.33	23.33
		1	1	24.90	25.20	25.19	23.87	23.85	23.66	23.78	24.33	24.31
	16QAM	1	77	24.53	24.90	24.86	23.81	23.69	23.91	24.18	24.58	24.58
		1	78	23.51	24.02	23.95	22.63	22.69	22.80	23.23	23.47	23.47
		36	18	24.95	24.92	24.80	23.82	23.79	23.80	24.51	24.53	24.05
		75	0	23.87	23.91	23.85	22.77	22.81	22.78	23.55	23.45	23.46
		1	0	23.60	23.45	23.24	22.44	22.47	22.39	22.83	23.20	22.98
		1	1	23.55	23.38	23.33	22.55	22.45	22.36	22.98	23.18	22.99
		1	77	23.35	23.14	23.12	22.37	22.41	22.32	23.07	23.24	23.09
	64QAM	1	78	23.22	23.09	23.00	22.11	22.33	22.36	23.10	23.33	23.03
		36	18	23.37	23.40	23.31	22.22	22.15	22.23	23.06	22.93	22.75
		75	0	23.36	23.35	23.37	22.31	22.25	22.26	22.91	22.99	22.92
		1	0	21.57	21.72	21.54	20.41	20.29	20.19	20.98	20.92	21.01
		1	1	21.48	21.49	21.57	20.19	20.24	20.15	21.07	20.94	21.15
		1	77	21.19	21.30	21.21	20.08	20.20	20.06	21.08	21.11	21.14
		1	78	21.25	21.21	21.38	19.98	20.07	20.04	21.06	21.05	21.16
	256QAM	36	18	21.29	21.29	21.33	20.30	20.26	20.29	21.07	21.04	21.03
		75	0	21.37	21.28	21.34	20.27	20.19	20.25	20.91	20.88	20.94

8.3. LTE BAND 13

Test Engineer ID:	32061	Test Date:	1/30/2023
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OUTPUT POWER FOR LTE BAND 13 (5.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 1			ANT 2			ANT 3		
				23205	23230	23255	23205	23230	23255	23205	23230	23255
5.0	QPSK	1	0	25.56	25.57	25.60	24.59	24.63	24.63	25.32	25.28	25.25
		1	12	25.69	25.67	25.70	24.67	24.70	24.70	25.40	25.38	25.39
		1	24	25.61	25.59	25.63	24.55	24.60	24.61	25.28	25.28	25.24
		12	0	24.86	24.83	24.88	23.61	23.64	23.56	24.25	24.24	24.24
		12	6	24.96	24.96	24.90	23.64	23.65	23.67	24.34	24.32	24.27
		12	11	24.96	24.94	24.95	23.60	23.61	23.64	24.30	24.28	24.28
		25	0	24.95	24.91	24.86	23.63	23.62	23.62	24.34	24.29	24.25
	16QAM	1	0	25.16	25.03	25.09	24.01	23.98	23.96	24.73	24.68	24.70
		1	12	25.22	25.11	25.12	24.05	24.10	24.13	24.80	24.73	24.70
		1	24	25.12	25.02	25.04	23.99	23.95	23.97	24.71	24.55	24.57
		12	0	23.86	23.95	23.89	22.63	22.64	22.58	23.24	23.18	23.29
		12	6	23.96	24.04	23.90	22.66	22.65	22.69	23.36	23.27	23.29
		12	11	23.92	24.02	23.97	22.61	22.63	22.65	23.30	23.24	23.34
		25	0	23.96	23.94	23.87	22.67	22.66	22.66	23.36	23.26	23.26
	64QAM	1	0	24.06	24.09	23.96	22.80	22.78	22.71	23.53	23.46	23.45
		1	12	24.11	24.15	24.04	22.82	22.80	22.75	23.51	23.54	23.40
		1	24	24.08	24.07	24.00	22.75	22.75	22.72	23.43	23.43	23.39
		12	0	22.86	22.85	22.86	21.66	21.69	21.58	22.27	22.22	22.24
		12	6	22.97	22.97	22.90	21.67	21.70	21.71	22.37	22.34	22.27
		12	11	22.95	22.95	22.95	21.65	21.67	21.69	22.30	22.29	22.32
		25	0	22.95	22.94	22.88	21.67	21.65	21.65	22.33	22.29	22.22
	256QAM	1	0	20.95	21.02	20.92	19.68	19.64	19.71	20.34	20.39	20.32
		1	12	21.17	21.16	21.03	19.79	19.75	19.84	20.50	20.50	20.40
		1	24	20.97	20.99	21.01	19.73	19.71	19.69	20.33	20.36	20.30
		12	0	20.85	20.83	20.86	19.65	19.65	19.59	20.23	20.21	20.24
		12	6	20.95	20.94	20.87	19.68	19.69	19.68	20.35	20.33	20.21
		12	11	20.89	20.90	20.94	19.65	19.65	19.66	20.28	20.27	20.27
		25	0	20.90	20.93	20.83	19.63	19.64	19.64	20.31	20.26	20.20

OUTPUT POWER FOR LTE BAND 13 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 1			ANT 2			ANT 3		
				N/A	23230	N/A	N/A	23230	N/A	N/A	23230	N/A
10.0	QPSK	1	0		25.70			24.70			25.40	
		1	24		25.68			24.69			25.34	
		1	49		25.65			24.62			25.26	
		25	0		24.96			23.66			24.33	
		25	12		25.05			23.72			24.36	
		25	24		24.99			23.67			24.33	
		50	0		25.04			23.72			24.41	
	16QAM	1	0		25.12			24.10			24.92	
		1	24		25.13			23.95			24.76	
		1	49		25.09			23.97			24.77	
		25	0		23.96			22.69			23.39	
		25	12		24.06			22.75			23.44	
		25	24		23.99			22.71			23.37	
		50	0		24.04			22.73			23.44	
	64QAM	1	0		24.21			22.91			23.52	
		1	24		24.20			22.86			23.47	
		1	49		24.17			22.81			23.42	
		25	0		22.93			21.65			22.34	
		25	12		23.01			21.73			22.36	
		25	24		22.97			21.70			22.30	
		50	0		23.01			21.74			22.38	
	256QAM	1	0		21.01			19.73			20.42	
		1	24		21.08			19.85			20.46	
		1	49		21.05			19.76			20.35	
		25	0		20.87			19.64			20.28	
		25	12		20.98			19.71			20.37	
		25	24		20.95			19.67			20.31	
		50	0		20.97			19.72			20.33	

8.4. LTE BAND 14 AND 5G NR n14

LTE BAND 14

Test Engineer ID:	32061	Test Date:	1/31/2023
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OUTPUT POWER FOR LTE BAND 14 (5.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 1			ANT 2			ANT 3		
				23305	23330	23355	23305	23330	23355	23305	23330	23355
5.0	QPSK	1	0	25.57	25.47	25.40	24.60	24.58	24.59	25.30	25.26	25.30
		1	12	25.70	25.57	25.56	24.70	24.68	24.70	25.40	25.38	25.38
		1	24	25.60	25.50	25.44	24.60	24.59	24.61	25.28	25.31	25.32
		12	0	24.85	24.75	24.71	23.62	23.54	23.55	24.33	24.34	24.24
		12	6	24.97	24.85	24.72	23.66	23.66	23.65	24.40	24.33	24.28
	16QAM	12	11	24.93	24.80	24.76	23.60	23.61	23.61	24.35	24.30	24.33
		25	0	24.93	24.84	24.71	23.63	23.61	23.63	24.36	24.32	24.27
		1	0	25.09	24.97	24.94	23.78	23.75	23.72	24.75	24.68	24.65
		1	12	25.14	25.09	25.03	23.83	23.79	23.86	24.82	24.82	24.83
		1	24	25.05	24.97	24.95	23.73	23.78	23.76	24.70	24.67	24.69
	64QAM	12	0	23.88	23.82	23.71	22.63	22.56	22.62	23.44	23.44	23.34
		12	6	24.01	23.93	23.76	22.69	22.64	22.70	23.46	23.46	23.36
		12	11	23.96	23.88	23.80	22.63	22.61	22.68	23.41	23.43	23.42
		25	0	23.91	23.83	23.71	22.64	22.63	22.65	23.41	23.37	23.28
		1	0	23.99	23.93	23.79	22.74	22.78	22.81	23.38	23.39	23.46
	256QAM	1	12	24.03	24.03	23.89	22.83	22.82	22.83	23.42	23.47	23.55
		1	24	23.95	24.00	23.86	22.67	22.79	22.83	23.35	23.42	23.49
		12	0	22.82	22.74	22.73	21.64	21.55	21.58	22.36	22.36	22.27
		12	6	22.94	22.87	22.74	21.66	21.67	21.71	22.40	22.39	22.29
		12	11	22.90	22.81	22.78	21.62	21.65	21.66	22.36	22.35	22.34

OUTPUT POWER FOR LTE BAND 14 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 1			ANT 2			ANT 3		
				N/A	23330	N/A	N/A	23330	N/A	N/A	23330	N/A
10.0	QPSK	1	0		25.68			24.70			25.33	
		1	24		25.70						25.40	
		1	49		25.66			24.64			25.40	
		25	0		24.95			23.63			24.45	
		25	12		25.04			23.71			24.45	
	16QAM	25	24		25.01			23.68			24.43	
		50	0		25.01			23.68			24.45	
		1	0		25.17			23.85			24.88	
		1	24		25.15			23.85			24.80	
		1	49		25.13			23.82			24.86	
	64QAM	25	0		23.96			22.64			23.48	
		25	12		24.05			22.70			23.47	
		25	24		24.04			22.68			23.44	
		50	0		24.01			22.70			23.47	
		1	0		24.13			22.93			23.63	
	256QAM	1	24		24.15			22.92			23.62	
		1	49		24.14			22.94			23.56	
		25	0		22.94			21.63			22.48	
		25	12		23.03			21.66			22.46	
		25	24		22.98			21.64			22.45	

5G NR n14

Test Engineer ID:	25602	Test Date:	2/16/2023
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OUTPUT POWER FOR 5G NR n14 (5.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 1			ANT 2			ANT 3		
				158100	158600	159100	158100	158600	159100	158100	158600	159100
5.0	BPSK	1	0	790.5	793.0	795.5	790.5	793.0	795.5	790.5	793.0	795.5
		1	1	23.70	23.56	23.66	22.70	22.63	22.69	23.12	23.26	23.40
		1	1	25.60	25.42	25.37	24.48	24.46	24.48	25.24	25.40	25.38
		1	23	25.60	25.38	25.43	24.48	24.47	24.41	25.24	25.33	25.39
		1	24	23.70	23.51	23.62	22.70	22.68	22.66	23.29	23.27	23.40
		12	6	25.64	25.46	25.57	24.52	24.46	24.53	25.26	25.26	25.22
	25	0	25.33	25.24	25.30	24.21	24.22	24.21	24.97	24.99	25.00	
	1	0	23.65	23.53	23.70	22.68	22.66	22.70	22.37	23.23	23.40	
	1	1	25.61	25.62	25.65	24.63	24.61	24.65	24.63	25.30	25.38	
	1	23	25.56	25.53	25.70	24.56	24.70	24.57	25.20	25.20	25.34	
	1	24	23.60	23.52	23.70	22.61	22.70	22.63	23.22	23.29	23.40	
	12	6	25.62	25.43	25.52	24.58	24.55	24.56	25.24	25.27	25.26	
	25	0	24.85	24.75	24.75	23.78	23.75	23.80	24.53	24.55	24.48	
	1	0	23.47	23.67	23.70	22.45	22.25	22.70	23.15	23.26	23.40	
	1	1	24.61	24.85	24.76	23.93	23.70	24.21	24.33	24.45	24.56	
	1	23	24.54	24.76	24.86	23.80	23.79	24.17	24.90	24.30	24.53	
	1	24	23.41	23.70	23.68	22.42	22.28	22.70	23.40	22.87	22.95	
	12	6	25.01	24.81	25.00	23.96	23.90	23.92	24.34	24.45	24.54	
	25	0	23.83	23.70	23.67	22.78	22.76	22.80	23.62	23.61	23.54	
	1	0	23.31	22.99	23.40	22.16	22.25	22.18	22.33	22.89	23.08	
	1	1	23.24	23.09	23.34	22.18	22.18	22.22	22.28	22.92	22.92	
	1	23	23.30	22.96	23.39	22.09	22.34	22.26	22.97	22.96	23.00	
	1	24	23.17	23.07	23.35	22.13	22.18	22.26	22.99	22.94	23.04	
	12	6	23.32	23.26	23.31	22.32	22.25	22.28	22.89	22.95	23.15	
	25	0	23.22	23.23	23.27	22.29	22.27	22.29	23.04	23.03	23.01	
	1	0	21.49	21.18	21.21	20.06	20.37	20.43	20.85	21.00	21.30	
	1	1	21.48	21.27	21.10	20.14	20.42	20.34	20.89	21.00	21.20	
	1	23	21.34	21.16	21.23	20.01	20.51	20.36	20.81	21.05	21.19	
1	24	21.37	21.21	21.16	20.01	20.41	20.26	20.80	20.99	21.18		
12	6	21.20	21.18	21.16	20.27	20.22	20.26	20.94	21.05	21.07		
25	0	21.23	21.15	21.24	20.30	20.18	20.26	20.94	20.77	21.01		

OUTPUT POWER FOR 5G NR n14 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 1			ANT 2			ANT 3		
				N/A	158600	N/A	N/A	158600	N/A	N/A	158600	N/A
10.0	BPSK	1	0	23.70			22.70			23.40		
		1	1	25.60			24.60			25.40		
		1	50	25.61			24.68			25.35		
		1	51	23.70			22.70			23.40		
		25	12	25.58			24.61			25.27		
		50	0	25.46			24.42			25.12		
	1	0	23.70			22.70			23.40			
	1	1	25.68			24.67			24.61			
	1	50	25.69			24.70			25.37			
	1	51	23.70			22.70			23.40			
	25	12	25.70			24.67			25.34			
	50	0	24.97			23.98			24.62			
	1	0	23.70			22.70			22.96			
	1	1	24.94			23.74			23.99			
	1	50	24.87			23.86			24.59			
	1	51	23.70			22.70			23.40			
	25	12	25.01			23.99			24.65			
	50	0	23.94			22.91			23.61			
	1	0	23.39			22.48			22.62			
	1	1	23.41			22.54			22.56			
	1	50	23.45			22.37			22.99			
	1	51	23.46			22.47			22.96			
	25	12	23.45			22.47			23.14			
	50	0	23.41			22.44			23.08			
	1	0	21.45			20.47			20.99			
	1	1	21.54			20.62			21.04			
	1	50	21.42			20.56			21.17			
	1	51	21.50			20.53			21.15			
25	12	21.50			20.41			20.96				
50	0	21.79			20.54			21.13				

8.5. LTE BAND 17

Test Engineer ID:	32061	Test Date:	1/31/2023
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OUTPUT POWER FOR LTE BAND 17 (5.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 1			ANT 2			ANT 3		
				23755	23790	23825	23755	23790	23825	23755	23790	23825
5.0	QPSK	1	0	25.51	25.54	25.56	24.58	24.58	24.60	25.22	25.22	25.25
		1	12	25.67	25.69	25.70	24.68	24.70	24.70	25.33	25.40	25.40
		1	24	25.57	25.61	25.61	24.57	24.59	24.57	25.22	25.25	25.27
		12	0	24.85	24.85	24.86	23.54	23.56	23.55	24.20	24.25	24.14
		12	6	24.97	24.97	24.88	23.66	23.65	23.65	24.30	24.35	24.27
		12	11	24.93	24.95	24.95	23.63	23.62	23.59	24.24	24.35	24.31
		25	0	24.92	24.95	24.88	23.63	23.62	23.53	24.26	24.32	24.25
	16QAM	1	0	25.04	25.01	25.05	23.74	23.70	23.74	24.60	24.62	24.39
		1	12	25.17	25.13	25.10	23.89	23.88	23.83	24.72	24.72	24.57
		1	24	25.11	25.07	25.07	23.80	23.74	23.69	24.60	24.38	24.60
		12	0	23.77	23.77	23.85	22.58	22.61	22.49	23.31	23.32	23.18
		12	6	23.86	23.89	23.88	22.68	22.72	22.59	23.39	23.44	23.23
		12	11	23.83	23.88	23.94	22.64	22.69	22.54	23.38	23.39	23.30
		25	0	23.93	23.94	23.87	22.62	22.64	22.56	23.31	23.37	23.26
	64QAM	1	0	23.87	23.96	24.00	22.72	22.65	22.68	23.32	23.39	23.34
		1	12	23.97	24.08	24.10	22.77	22.73	22.74	23.43	23.44	23.46
		1	24	23.89	23.96	23.97	22.69	22.67	22.67	23.30	23.33	23.35
		12	0	22.85	22.84	22.87	21.58	21.54	21.55	22.21	22.27	22.26
		12	6	22.95	22.95	22.89	21.71	21.65	21.63	22.33	22.37	22.30
		12	11	22.92	22.93	22.93	21.66	21.62	21.61	22.30	22.33	22.35
		25	0	22.91	22.95	22.84	21.63	21.60	21.51	22.29	22.30	22.24
	256QAM	1	0	20.94	20.96	20.91	19.68	19.64	19.66	20.37	20.23	20.29
		1	12	21.03	21.16	21.02	19.86	19.84	19.79	20.51	20.42	20.41
		1	24	20.99	20.99	20.98	19.74	19.67	19.75	20.45	20.30	20.31
		12	0	20.83	20.83	20.85	19.56	19.54	19.50	20.21	20.23	20.24
12		6	20.94	20.94	20.86	19.66	19.64	19.61	20.32	20.35	20.26	
12		11	20.92	20.92	20.91	19.64	19.59	19.58	20.29	20.27	20.30	
25		0	20.90	20.88	20.83	19.63	19.60	19.52	20.29	20.29	20.22	

OUTPUT POWER FOR LTE BAND 17 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 1			ANT 2			ANT 3		
				23780	23790	23800	23780	23790	23800	23780	23790	23800
10.0	QPSK	1	0	25.69	25.67	25.65	24.65	24.68	24.70	25.31	25.33	25.34
		1	24	25.70	25.68	25.65	24.68	24.66	24.66	25.39	25.40	25.28
		1	49	25.63	25.66	25.66	24.60	24.62	24.62	25.33	25.36	25.38
		25	0	24.93	24.92	24.95	23.58	23.62	23.62	24.35	24.35	24.36
		25	12	25.02	25.03	24.95	23.68	23.69	23.62	24.45	24.43	24.37
		25	24	24.99	25.02	25.02	23.65	23.67	23.69	24.43	24.37	24.42
		50	0	25.02	25.01	25.03	23.65	23.68	23.61	24.44	24.42	24.36
	16QAM	1	0	25.15	25.14	25.15	23.79	23.90	23.89	24.69	24.65	24.61
		1	24	25.13	25.19	25.16	23.77	23.85	23.83	24.67	24.69	24.51
		1	49	25.13	25.12	25.08	23.76	23.78	23.77	24.57	24.69	24.70
		25	0	23.96	23.94	23.96	22.61	22.63	22.63	23.41	23.38	23.39
		25	12	24.05	24.04	23.96	22.70	22.72	22.62	23.50	23.47	23.39
		25	24	24.02	24.01	24.03	22.68	22.68	22.70	23.48	23.46	23.45
		50	0	24.02	24.00	24.01	22.66	22.69	22.60	23.44	23.42	23.34
	64QAM	1	0	24.17	24.10	24.21	22.79	22.86	22.87	23.53	23.47	23.59
		1	24	24.16	24.17	24.25	22.83	22.84	22.86	23.60	23.61	23.65
		1	49	24.14	24.10	24.16	22.69	22.81	22.80	23.53	23.52	23.60
		25	0	22.95	22.90	22.93	21.62	21.63	21.59	22.38	22.32	22.34
		25	12	23.03	23.00	22.93	21.71	21.72	21.61	22.46	22.44	22.35
		25	24	23.00	22.99	22.99	21.67	21.67	21.65	22.40	22.39	22.44
		50	0	23.01	22.99	23.00	21.68	21.70	21.61	22.43	22.43	22.35
	256QAM	1	0	21.01	20.99	21.08	19.74	19.71	19.77	20.40	20.39	20.47
		1	24	21.12	21.09	21.17	19.82	19.80	19.80	20.50	20.52	20.57
		1	49	21.08	21.08	21.14	19.76	19.74	19.73	20.51	20.48	20.44
		25	0	20.93	20.92	20.91	19.61	19.63	19.59	20.36	20.32	20.34
25		12	20.99	20.98	20.92	19.71	19.69	19.58	20.42	20.42	20.35	
25		24	20.97	20.95	20.98	19.69	19.66	19.64	20.40	20.40	20.37	
50		0	20.97	20.97	20.96	19.67	19.69	19.57	20.40	20.38	20.30	

8.6. LTE BAND 25 AND 5G NR n25

LTE BAND 25

Test Engineer ID:	32061	Test Date:	2/8/2023
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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	25.45	25.47	25.57	23.12	23.39	23.35	25.45	25.43	25.43	22.83	22.77	22.78
		1	2	25.57	25.52	25.64	23.15	23.40	23.39	25.47	25.48	25.48	22.90	22.76	22.80
		1	5	25.57	25.50	25.65	23.16	23.38	23.34	25.50	25.44	25.45	22.83	22.71	22.80
		3	0	25.57	25.55	25.67	23.18	23.37	23.34	25.45	25.49	25.46	22.84	22.75	22.82
		3	1	25.59	25.59	25.70	23.19	23.39	23.35	25.48	25.50	25.48	22.86	22.76	22.81
		3	2	25.62	25.58	25.70	23.20	23.40	23.37	25.47	25.48	25.50	22.86	22.80	22.80
	16QAM	6	0	24.85	24.85	24.98	22.20	22.36	22.34	24.54	24.58	24.60	21.86	21.74	21.78
		1	0	25.05	24.98	25.18	22.32	22.57	22.45	24.72	24.70	24.71	22.08	22.08	22.01
		1	2	25.11	25.02	25.13	22.41	22.61	22.45	24.76	24.74	24.75	22.05	22.14	22.01
		1	5	25.07	24.99	25.17	22.37	22.45	22.51	24.67	24.71	24.73	22.04	22.07	22.02
		3	0	24.94	24.95	25.10	22.34	22.49	22.49	24.70	24.64	24.71	21.99	21.91	21.98
		3	1	24.95	24.96	25.12	22.37	22.50	22.48	24.68	24.65	24.76	22.04	21.88	21.95
	64QAM	3	2	24.94	24.95	25.14	22.38	22.47	22.49	24.70	24.66	24.73	22.07	21.90	21.94
		6	0	23.87	23.89	24.01	21.28	21.29	21.37	23.51	23.69	23.58	20.91	20.77	20.87
		1	0	24.01	24.14	24.18	21.47	21.57	21.50	23.82	23.69	23.87	21.13	20.94	20.95
		1	2	24.17	24.17	24.29	21.48	21.55	21.52	23.81	23.80	23.87	21.11	20.95	21.02
		1	5	23.99	24.13	24.22	21.45	21.51	21.55	23.79	23.71	23.84	21.19	20.92	20.94
		3	0	23.97	24.00	24.10	21.37	21.36	21.40	23.68	23.69	23.67	21.00	20.83	20.92
	256QAM	3	1	23.90	23.99	24.11	21.38	21.37	21.42	23.68	23.73	23.68	21.03	20.83	20.92
		3	2	23.89	24.00	24.12	21.39	21.40	21.45	23.67	23.71	23.67	21.02	20.84	20.93
		6	0	22.85	22.93	22.95	20.27	20.35	20.40	22.58	22.70	22.61	19.94	19.79	19.87
		1	0	20.94	20.98	21.07	18.29	18.48	18.50	20.61	20.64	20.55	17.97	17.77	17.94
		1	2	21.08	20.96	21.18	18.38	18.53	18.59	20.68	20.67	20.77	18.02	17.76	18.04
		1	5	20.87	20.92	21.06	18.29	18.44	18.44	20.71	20.76	20.69	17.99	17.77	18.03

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
3.0	QPSK	1	0	25.52	25.39	25.54	23.19	23.21	23.25	25.44	25.32	25.25	22.82	22.59	22.68
		1	7	25.62	25.56	25.70	23.32	23.35	23.40	25.50	25.46	25.41	22.90	22.75	22.79
		1	14	25.57	25.51	25.62	23.20	23.25	23.30	25.41	25.34	25.34	22.82	22.67	22.66
		8	0	24.90	24.81	25.00	22.26	22.27	22.29	24.57	24.44	24.41	21.88	21.66	21.69
		8	4	24.94	24.91	25.05	22.32	22.38	22.32	24.59	24.57	24.45	21.94	21.76	21.69
		8	7	24.93	24.91	25.05	22.30	22.38	22.32	24.61	24.55	24.47	21.95	21.78	21.70
	16QAM	15	0	24.89	24.89	25.01	22.28	22.26	22.28	24.56	24.44	24.43	21.88	21.66	21.68
		1	0	24.98	24.97	25.22	22.37	22.42	22.41	24.69	24.53	24.62	22.22	22.04	22.00
		1	7	25.15	25.04	25.27	22.45	22.49	22.58	24.80	24.70	24.71	22.33	22.16	22.06
		1	14	25.11	25.03	25.20	22.47	22.45	22.49	24.72	24.58	24.66	22.23	22.10	21.96
		8	0	23.95	23.86	24.05	21.34	21.31	21.36	23.61	23.53	23.49	20.97	20.76	20.79
		8	4	23.99	23.97	24.08	21.36	21.43	21.40	23.66	23.67	23.54	21.01	20.87	20.81
	64QAM	8	7	23.99	23.96	24.08	21.38	21.42	21.40	23.66	23.68	23.53	21.02	20.88	20.82
		15	0	23.94	23.92	24.04	21.33	21.29	21.34	23.59	23.50	23.45	20.93	20.70	20.75
		1	0	23.96	24.06	24.00	21.33	21.55	21.51	23.63	23.56	23.68	21.08	20.92	20.91
		1	7	24.06	24.21	24.16	21.54	21.69	21.60	23.76	23.69	23.72	21.15	21.03	21.00
		1	14	23.92	24.12	24.11	21.38	21.60	21.50	23.68	23.59	23.69	21.23	20.98	20.89
		8	0	22.89	22.89	23.00	20.33	20.33	20.30	22.61	22.42	22.46	19.92	19.70	19.71
	256QAM	8	4	22.94	23.01	23.04	20.35	20.47	20.35	22.65	22.51	22.51	19.96	19.84	19.79
		8	7	22.94	22.99	23.04	20.37	20.44	20.35	22.64	22.54	22.52	19.97	19.80	19.78
		15	0	22.92	22.96	23.00	20.34	20.32	20.29	22.60	22.41	22.43	19.94	19.70	19.68
		1	0	20.97	20.90	21.11	18.27	18.36	18.41	20.67	20.51	20.50	17.96	17.71	17.76
		1	7	21.08	21.04	21.12	18.50	18.54	18.55	20.80	20.73	20.72	18.04	17.92	17.91
		1	14	20.94	21.02	21.09	18.42	18.44	18.49	20.66	20.54	20.57	17.99	17.78	17.84

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	25.41	25.40	25.53	23.21	23.24	22.98	25.37	25.24	25.33	22.80	22.54	22.73
		1	12	25.61	25.63	25.70	23.31	23.40	23.09	25.50	25.43	25.40	22.90	22.68	22.77
		1	24	25.49	25.52	25.65	23.22	23.25	23.00	25.37	25.32	25.34	22.81	22.64	22.67
		12	0	24.84	24.77	24.86	22.26	22.22	22.03	24.54	24.35	24.43	21.86	21.58	21.64
		12	6	24.88	24.89	24.99	22.30	22.25	22.09	24.55	24.39	24.46	21.88	21.60	21.74
	12	11	24.87	24.88	24.97	22.27	22.30	22.05	24.52	24.46	24.43	21.87	21.67	21.71	
	25	0	24.86	24.86	24.97	22.26	22.24	22.07	24.52	24.37	24.46	21.84	21.58	21.72	
	16QAM	1	0	24.97	24.92	25.07	22.41	22.41	22.27	24.67	24.59	24.60	22.09	22.00	22.02
		1	12	25.08	25.08	25.18	22.52	22.53	22.38	24.83	24.70	24.68	22.32	22.22	22.21
		1	24	24.97	24.99	25.13	22.43	22.40	22.26	24.68	24.54	24.58	22.14	22.02	22.09
		12	0	23.89	23.82	23.94	21.28	21.17	21.14	23.59	23.31	23.47	20.92	20.64	20.75
		12	6	23.92	23.95	24.05	21.32	21.21	21.19	23.61	23.35	23.49	20.97	20.67	20.83
	12	11	23.89	23.92	24.03	21.27	21.25	21.16	23.59	23.41	23.43	20.96	20.73	20.81	
	25	0	23.87	23.88	24.00	21.28	21.25	21.16	23.53	23.37	23.45	20.83	20.62	20.73	
	64QAM	1	0	23.90	23.91	24.01	21.32	21.43	21.20	23.66	23.43	23.60	20.96	20.99	20.81
		1	12	23.99	23.99	24.10	21.36	21.49	21.24	23.73	23.52	23.65	21.02	21.01	20.76
		1	24	23.92	24.03	24.06	21.30	21.45	21.16	23.62	23.45	23.62	20.96	21.01	20.73
		12	0	22.84	22.82	22.91	20.30	20.29	20.17	22.51	22.39	22.45	19.86	19.85	19.66
		12	6	22.89	22.95	23.01	20.34	20.32	20.19	22.54	22.41	22.50	19.90	19.87	19.79
	12	11	22.87	22.92	23.01	20.30	20.38	20.16	22.49	22.48	22.47	19.90	19.85	19.75	
	25	0	22.85	22.87	22.99	20.27	20.28	20.19	22.49	22.37	22.45	19.87	19.83	19.77	
	256QAM	1	0	20.89	20.94	20.98	18.26	18.39	18.23	20.49	20.44	20.54	17.99	17.86	17.79
		1	12	21.07	21.08	21.23	18.40	17.56	18.22	20.56	20.50	20.66	18.02	17.96	17.93
		1	24	20.94	20.99	21.05	18.37	18.09	18.25	20.48	20.54	20.53	17.91	17.89	17.81
		12	0	20.86	20.75	20.86	18.28	18.01	18.19	20.48	20.35	20.45	17.85	17.80	17.66
12		6	20.87	20.86	21.00	18.32	18.08	18.23	20.52	20.40	20.47	17.90	17.87	17.76	
12	11	20.86	20.88	20.95	18.26	18.14	18.21	20.51	20.43	20.44	17.89	17.87	17.72		
25	0	20.83	20.85	20.93	18.24	18.06	18.20	20.48	20.35	20.44	17.84	17.81	17.70		

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	25.59	25.52	25.61	23.21	23.33	23.37	25.48	25.39	25.43	22.74	22.64	22.88
		1	24	25.62	25.58	25.69	23.22	23.37	23.40	25.50	25.45	25.45	22.89	22.66	22.73
		1	49	25.62	25.59	25.70	23.22	23.33	23.39	25.48	25.43	25.47	22.90	22.66	22.62
		25	0	24.94	24.87	24.92	22.28	22.31	22.34	24.62	24.52	24.49	21.85	21.56	21.71
		25	12	24.98	24.90	25.05	22.30	22.33	22.44	24.64	24.52	24.48	21.90	21.58	21.78
	25	24	24.95	24.96	25.04	22.28	22.40	22.43	24.60	24.58	24.55	21.92	21.66	21.70	
	50	0	24.96	24.97	25.06	22.29	22.33	22.44	24.62	24.51	24.48	21.89	21.59	21.75	
	16QAM	1	0	25.04	25.11	25.16	22.35	22.50	22.60	24.78	24.72	24.73	22.20	22.06	22.13
		1	24	25.08	25.06	25.19	22.41	22.55	22.55	24.77	24.69	24.70	22.22	22.01	21.99
		1	49	25.09	25.08	25.23	22.40	22.50	22.58	24.75	24.71	24.64	22.30	22.14	22.00
		25	0	23.96	23.90	23.99	21.31	21.33	21.37	23.65	23.54	23.48	20.88	20.59	20.78
		25	12	23.98	23.93	24.07	21.32	21.36	21.46	23.65	23.54	23.50	20.90	20.58	20.78
	25	24	23.96	24.00	24.06	21.32	21.41	21.44	23.62	23.60	23.56	20.93	20.68	20.74	
	50	0	23.95	23.96	24.04	21.31	21.33	21.43	23.61	23.51	23.47	20.88	20.60	20.77	
	64QAM	1	0	24.11	24.10	24.25	21.47	21.61	21.57	23.84	23.75	23.71	20.96	20.94	21.03
		1	24	24.17	24.20	24.26	21.48	21.67	21.59	23.91	23.79	23.78	21.05	20.95	20.93
		1	49	24.09	24.14	24.28	21.44	21.66	21.51	23.83	23.74	23.64	21.08	20.85	20.75
		25	0	22.92	22.88	22.98	20.29	20.37	20.34	22.60	22.52	22.47	19.86	19.62	19.76
		25	12	22.95	22.91	23.07	20.34	20.37	20.46	22.65	22.52	22.48	19.89	19.61	19.77
	25	24	22.93	22.98	23.06	20.31	20.44	20.41	22.62	22.57	22.51	19.93	19.70	19.73	
	50	0	22.93	22.96	23.06	20.31	20.36	20.42	22.61	22.50	22.48	19.89	19.60	19.76	
	256QAM	1	0	20.97	20.98	21.07	18.39	18.41	18.42	20.74	20.63	20.51	17.88	17.67	17.87
		1	24	21.09	21.09	21.18	18.53	18.53	18.57	20.79	20.77	20.65	18.05	17.78	17.91
		1	49	21.03	21.02	21.15	18.47	18.48	18.49	20.76	20.71	20.62	18.10	17.82	17.76
		25	0	20.91	20.82	20.91	18.33	18.33	18.36	20.58	20.48	20.43	17.84	17.59	17.76
25		12	20.92	20.88	21.05	18.33	18.37	18.43	20.58	20.49	20.48	17.90	17.61	17.77	
25	24	20.89	20.93	21.01	18.34	18.42	18.39	20.58	20.54	20.54	17.90	17.68	17.71		
50	0	20.91	20.92	21.01	18.31	18.35	18.40	20.58	20.45	20.44	17.87	17.60	17.74		

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	25.63	25.57	25.63	23.31	23.34	23.32	25.34	25.46	25.44	22.65	22.56	22.79
		1	37	25.65	25.63	25.70	23.32	23.37	23.35	25.34	25.50	25.50	22.75	22.47	22.69
		1	74	25.69	25.64	25.69	23.40	23.29	23.27	25.35	25.42	25.41	22.90	22.57	22.48
		36	0	24.97	24.95	25.01	22.31	22.38	22.34	24.54	24.59	24.57	21.75	21.50	21.75
		36	16	25.03	24.95	25.03	22.39	22.36	22.33	24.53	24.57	24.55	21.79	21.46	21.72
		36	35	25.02	25.03	25.09	22.38	22.41	22.38	24.54	24.64	24.62	21.85	21.56	21.63
		75	0	25.02	25.02	25.09	22.36	22.34	22.31	24.51	24.57	24.54	21.80	21.56	21.72
		1	0	25.21	25.02	25.14	22.56	22.01	22.39	24.57	24.78	24.80	21.95	21.87	22.12
		1	37	25.34	25.10	25.14	22.60	22.29	22.47	24.59	24.85	24.84	22.13	21.82	22.02
	1	74	25.26	25.01	25.08	22.62	22.22	22.31	24.67	24.78	24.68	22.15	21.92	21.77	
	36	0	23.98	23.95	24.02	21.32	21.20	21.35	23.58	23.62	23.56	20.78	20.53	20.79	
	36	16	24.05	23.95	24.04	21.39	21.18	21.33	23.56	23.58	23.56	20.84	20.49	20.75	
	36	35	24.04	24.05	24.12	21.39	21.26	21.39	23.56	23.67	23.62	20.90	20.61	20.67	
	75	0	24.03	24.05	24.12	21.40	21.22	21.33	23.58	23.57	23.57	20.84	20.59	20.76	
	1	0	24.16	24.03	24.30	21.67	21.53	21.56	23.82	23.77	23.75	20.83	20.78	21.01	
	1	37	24.20	24.14	24.29	21.65	21.57	21.58	23.81	23.80	23.77	20.93	20.68	20.87	
	1	74	24.22	24.08	24.27	21.64	21.50	21.53	23.88	23.72	23.74	21.09	20.74	20.66	
	36	0	22.96	23.00	23.04	20.32	20.28	20.34	22.62	22.58	22.57	19.76	19.54	19.77	
	36	16	23.03	22.98	23.01	20.40	20.27	20.31	22.63	22.55	22.55	19.80	19.48	19.73	
	36	35	23.02	23.05	23.14	20.39	20.36	20.36	22.62	22.63	22.61	19.87	19.60	19.65	
	75	0	23.03	23.05	23.12	20.39	20.30	20.34	22.65	22.55	22.58	19.83	19.60	19.76	
	1	0	21.08	20.99	21.08	18.37	18.42	18.42	20.68	20.69	20.64	17.67	17.60	17.84	
	1	37	21.07	21.22	21.11	18.45	18.51	18.53	20.79	20.70	20.71	17.81	17.61	17.70	
	1	74	21.14	21.13	21.22	18.53	18.52	18.48	20.75	20.77	20.75	17.92	17.76	17.63	
	36	0	20.93	20.94	21.00	18.32	18.29	18.33	20.66	20.56	20.57	17.78	17.52	17.76	
	36	16	21.01	20.95	21.02	18.39	18.29	18.32	20.66	20.56	20.54	17.82	17.47	17.72	
	36	35	20.99	21.04	21.08	18.39	18.36	18.37	20.64	20.61	20.63	17.87	17.58	17.63	
	75	0	21.00	21.02	21.08	18.38	18.28	18.35	20.65	20.57	20.54	17.83	17.60	17.74	

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	25.60	25.57	25.60	23.33	23.37	23.40	25.50	25.47	25.44	22.71	22.78	22.75
		1	49	25.58	25.60	25.66	23.32	23.40	23.38	25.47	25.42	25.44	22.89	22.89	22.84
		1	99	25.63	25.63	25.70	23.35	23.40	23.34	25.45	25.37	25.47	22.79	22.90	22.59
		50	0	25.02	24.91	24.96	22.36	22.41	22.42	24.67	24.55	24.54	21.91	21.92	21.92
		50	24	25.00	25.01	25.07	22.44	22.41	22.40	24.66	24.56	24.62	21.97	21.98	21.84
		50	49	24.98	24.98	25.06	22.40	22.46	22.44	24.60	24.59	24.59	21.96	21.99	21.78
		100	0	24.99	24.99	25.08	22.42	22.40	22.40	24.65	24.61	24.62	21.94	21.96	21.84
		1	0	25.12	25.13	25.27	22.47	22.60	22.55	24.83	24.66	24.76	22.20	22.13	22.26
		1	49	25.23	25.35	25.32	22.75	22.83	22.74	25.03	25.14	24.94	22.47	22.42	22.57
	1	99	25.05	25.14	25.17	22.48	22.59	22.48	24.80	24.62	24.70	22.24	22.22	21.96	
	50	0	24.01	23.92	23.99	21.38	21.42	21.42	23.69	23.57	23.56	20.90	20.90	20.93	
	50	24	23.98	24.00	24.07	21.45	21.42	21.42	23.67	23.55	23.63	20.98	20.98	20.86	
	50	49	23.96	24.00	24.06	21.42	21.49	21.46	23.62	23.59	23.62	20.98	20.98	20.83	
	100	0	23.98	23.99	24.07	21.43	21.40	21.43	23.65	23.62	23.65	20.96	20.94	20.84	
	1	0	24.05	24.03	24.09	21.51	21.61	21.61	23.80	23.72	23.74	20.90	20.91	21.16	
	1	49	24.21	24.14	24.22	21.63	21.66	21.72	23.82	23.81	23.75	21.18	21.13	21.16	
	1	99	24.07	24.15	24.18	21.48	21.47	21.57	23.68	23.65	23.68	21.01	21.06	20.82	
	50	0	22.96	22.94	22.97	20.36	20.41	20.43	22.65	22.60	22.55	19.88	19.91	19.94	
	50	24	22.96	23.02	23.07	20.46	20.40	20.42	22.64	22.58	22.66	19.95	20.00	19.88	
	50	49	22.94	22.99	23.03	20.42	20.46	20.47	22.57	22.61	22.60	19.95	19.98	19.80	
	100	0	22.98	23.00	23.08	20.43	20.40	20.44	22.62	22.63	22.64	19.96	19.96	19.85	
	1	0	21.07	21.02	21.09	18.56	18.49	18.60	20.76	20.72	20.74	17.90	17.96	18.15	
	1	49	21.13	21.05	21.11	18.55	18.60	18.60	20.72	20.69	20.69	18.03	18.08	18.04	
	1	99	21.03	21.12	21.20	18.62	18.59	18.64	20.75	20.71	20.81	18.13	18.16	17.86	
	50	0	20.95	20.88	20.94	18.35	18.40	18.43	20.63	20.56	20.56	17.90	17.89	17.92	
	50	24	20.95	20.98	21.04	18.45	18.39	18.43	20.62	20.57	20.64	17.99	17.99	17.86	
	50	49	20.92	20.97	21.04	18.41	18.44	18.48	20.59	20.62	20.61	17.98	17.99	17.81	
	100	0	20.93	20.98	21.07	18.42	18.38	18.44	20.64	20.62	20.64	17.93	17.92	17.85	

5G NR n25

Test Engineer ID:	19146	Test Date:	2/20/2023
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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	25.31	25.25	25.40	23.12	22.95	22.94	25.17	25.21	25.09	22.45	22.62	22.70
		1	1	25.50	25.49	25.63	23.36	23.17	23.20	25.35	25.50	25.28	22.80	22.88	22.79
		1	23	25.59	25.50	25.66	23.31	23.12	23.16	25.34	25.39	25.30	22.76	22.86	22.81
		1	24	25.25	25.25	25.35	23.13	22.93	22.97	25.20	25.14	25.12	22.46	22.64	22.61
		12	6	25.49	25.47	25.64	23.31	23.15	23.20	25.36	25.29	25.32	22.75	22.80	22.80
		25	0	25.23	25.25	25.32	23.06	22.94	23.01	25.12	25.06	25.08	22.45	22.55	22.66
	QPSK	1	0	24.94	24.82	24.84	22.75	22.55	22.52	24.56	24.62	24.43	22.07	22.17	22.19
		1	1	25.67	25.58	25.70	23.40	23.29	23.40	25.43	25.34	25.34	22.74	22.84	22.90
		1	23	25.63	25.63	25.64	23.37	23.29	23.40	25.43	25.27	25.15	22.78	22.85	22.84
		1	24	24.78	24.81	24.82	22.69	22.47	22.51	24.54	24.26	24.19	22.00	22.21	22.06
		12	6	25.53	25.49	25.62	23.39	23.16	23.28	25.46	25.24	25.32	22.74	22.83	22.77
		25	0	24.73	24.73	24.91	22.67	22.50	22.54	24.55	24.34	24.64	21.91	22.10	22.09
	16QAM	1	0	23.80	23.63	23.92	21.55	21.42	21.45	23.60	23.56	23.75	21.04	21.28	21.04
		1	1	24.88	24.72	25.05	22.76	22.36	22.43	24.59	24.42	24.77	22.03	22.26	22.09
		1	23	24.85	24.78	24.99	22.70	22.40	22.50	24.56	24.34	24.72	22.08	22.29	22.02
		1	24	23.84	23.73	24.05	21.51	21.37	21.45	23.55	23.26	23.80	20.99	21.27	21.03
		12	6	25.05	24.83	25.11	22.78	22.57	22.64	24.68	24.44	24.64	21.96	22.07	22.11
		25	0	23.82	23.74	23.92	21.63	21.43	21.51	23.69	23.53	23.59	20.95	21.05	21.18
	64QAM	1	0	23.30	23.22	23.69	21.35	21.14	20.94	23.44	23.30	23.02	20.58	20.69	20.83
		1	1	23.34	23.16	23.69	21.40	21.06	21.00	23.43	23.20	23.16	20.56	20.63	20.81
		1	23	23.34	23.33	23.64	21.28	21.03	20.96	23.52	23.24	23.07	20.51	20.72	20.82
		1	24	23.26	23.21	23.62	21.07	21.01	20.93	23.38	23.21	23.15	20.53	20.64	20.82
		12	6	23.35	23.21	23.42	20.98	20.89	20.89	23.20	23.05	23.02	20.48	20.64	20.79
		25	0	23.35	23.25	23.45	21.08	20.87	20.94	23.19	23.08	23.09	20.47	20.57	20.70
	256QAM	1	0	21.58	21.36	21.49	19.07	19.02	19.25	21.35	21.52	21.42	18.19	18.55	18.60
		1	1	21.59	21.38	21.51	19.11	18.99	19.23	21.31	21.48	21.44	18.29	18.62	18.60
		1	23	21.59	21.27	21.51	19.12	18.97	19.28	21.33	21.43	21.44	18.33	18.69	18.55
		1	24	21.60	21.34	21.48	19.03	18.95	19.32	21.37	21.58	21.57	18.26	18.64	18.55
		12	6	21.30	21.22	21.45	19.02	18.85	18.91	21.20	21.02	21.11	18.51	18.56	18.70
		25	0	21.29	21.19	21.45	19.04	18.85	18.95	21.21	21.08	21.11	18.54	18.55	18.64

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	25.39	25.24	25.44	23.14	22.91	23.06	25.12	25.17	25.27	22.33	22.45	22.64
		1	1	25.58	25.50	25.55	23.34	23.24	23.33	25.29	25.31	25.39	22.65	22.73	22.84
		1	50	25.55	25.54	25.69	23.29	23.11	23.30	25.21	25.43	25.48	22.60	22.67	22.90
		1	51	25.40	25.26	25.46	23.05	22.94	23.05	25.08	25.17	25.29	22.38	22.50	22.62
		25	12	25.43	25.50	25.62	23.27	23.15	23.29	25.34	25.26	25.39	22.62	22.75	22.89
		50	0	25.29	25.34	25.48	23.15	22.98	23.09	25.19	25.11	25.30	22.51	22.56	22.75
	QPSK	1	0	24.92	24.76	24.83	22.68	22.41	22.66	24.27	24.63	24.70	21.88	21.93	21.84
		1	1	25.64	25.48	25.70	23.36	23.25	23.33	25.25	25.29	25.50	22.67	22.74	22.84
		1	50	25.61	25.45	25.67	23.30	23.22	23.40	25.38	25.06	25.17	22.65	22.76	22.24
		1	51	24.82	24.71	24.65	22.60	22.37	22.64	24.48	23.97	24.16	21.93	22.04	21.17
		25	12	25.64	25.56	25.62	23.32	23.18	23.27	25.40	25.37	25.35	22.70	22.79	22.83
		50	0	24.92	24.83	25.00	22.65	22.47	22.61	24.39	24.36	24.27	22.01	22.06	22.16
	16QAM	1	0	23.81	23.77	23.66	21.34	21.65	21.70	23.45	23.73	23.43	20.75	21.10	21.44
		1	1	24.81	24.86	24.62	22.44	22.78	22.70	24.40	24.69	24.48	21.83	22.10	22.36
		1	50	24.73	24.84	24.53	22.52	22.63	22.84	24.41	24.30	23.99	21.84	22.10	22.18
		1	51	23.72	23.83	23.76	21.27	21.61	21.84	23.54	23.30	23.01	20.84	21.03	21.18
		25	12	24.91	24.79	24.97	22.57	22.39	22.58	24.69	24.58	24.64	22.04	22.07	22.17
		50	0	23.93	23.82	23.94	21.66	21.43	21.58	23.67	23.68	23.71	21.09	21.15	21.17
	64QAM	1	0	23.43	23.53	23.53	21.23	21.05	21.11	23.05	23.07	23.25	20.66	20.78	20.84
		1	1	23.51	23.46	23.31	21.16	21.10	21.05	23.12	23.12	23.37	20.67	20.75	20.61
		1	50	23.36	23.55	23.48	21.07	20.99	20.86	23.01	23.04	23.40	20.54	20.81	20.71
		1	51	23.31	23.56	23.60	20.96	21.09	20.96	22.93	23.16	23.33	20.60	20.85	20.62
		25	12	23.41	23.32	23.46	21.08	20.95	21.02	23.17	23.16	23.18	20.48	20.61	20.64
		50	0	23.30	23.29	23.46	21.08	20.92	21.05	23.19	23.23	23.18	20.52	20.58	20.66
	256QAM	1	0	21.57	21.19	21.58	19.12	19.13	18.91	21.54	21.31	21.43	18.39	18.43	18.37
		1	1	21.55	21.25	21.43	19.20	19.15	18.98	21.51	21.40	21.49	18.33	18.43	18.40
		1	50	21.45	21.25	21.60	19.05	19.12	18.83	21.61	21.38	21.41	18.47	18.48	18.26
		1	51	21.41	21.16	21.50	19.06	19.11	18.83	21.54	21.49	21.50	18.34	18.45	18.21
		25	12	21.26	21.30	21.48	19.10	18.93	19.00	21.22	21.12	21.14	18.36	18.65	18.68
		50	0	21.28	21.21	21.47	19.01	18.95	19.08	21.20	21.13	21.22	18.44	18.68	18.64

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	25.24	25.30	25.35	23.12	23.07	23.03	25.20	25.21	25.14	22.51	22.68	22.68
		1	1	25.50	25.47	25.57	23.34	23.16	23.20	25.49	25.48	25.35	22.73	22.87	22.90
		1	77	25.39	25.57	25.64	23.23	23.17	23.31	25.48	25.50	25.39	22.73	22.87	22.90
		1	78	25.19	25.31	25.44	23.05	22.94	23.15	25.16	25.19	25.22	22.46	22.70	22.69
		36	18	25.37	25.44	25.53	23.16	23.00	23.04	25.31	25.25	25.29	22.63	22.73	22.81
		75	0	25.20	25.27	25.39	23.00	22.87	22.98	25.19	25.15	21.71	22.48	22.64	22.69
		1	0	24.86	24.96	24.97	22.66	22.62	22.55	24.49	24.81	20.53	21.88	22.16	21.86
		1	1	25.59	25.62	25.66	23.38	23.25	23.31	25.46	25.45	21.70	22.74	22.75	22.90
		1	77	25.48	25.70	25.68	23.27	23.31	23.40	25.40	25.34	20.48	22.72	22.86	22.19
	1	78	24.80	24.92	25.00	22.53	22.55	22.71	24.71	24.35	19.43	22.03	22.18	21.13	
	36	18	25.41	25.46	25.64	23.21	23.06	23.19	25.37	25.33	25.29	22.71	22.83	22.71	
	75	0	24.76	24.75	24.96	22.53	22.41	22.53	24.48	24.44	24.00	21.93	22.08	22.21	
	1	0	23.72	24.20	23.91	21.38	21.22	21.42	23.33	23.39	23.32	21.21	21.07	20.86	
	1	1	24.73	25.04	24.90	22.41	22.32	22.57	24.36	24.63	24.18	22.30	22.18	21.90	
	1	77	24.61	25.11	24.78	22.35	22.24	22.65	24.71	24.15	23.31	22.41	22.31	21.30	
	1	78	23.50	24.09	23.72	21.30	21.14	21.64	23.66	23.36	22.30	21.32	21.27	20.45	
	36	18	24.69	24.77	24.91	22.44	22.32	22.55	24.67	24.60	24.64	21.88	22.07	22.07	
	75	0	23.71	23.80	23.88	21.47	21.32	21.50	23.68	23.56	23.58	21.01	21.10	21.12	
	1	0	23.37	23.37	23.56	20.98	21.08	21.19	23.28	23.22	23.37	20.66	20.89	20.70	
	1	1	23.44	23.07	23.45	21.08	21.06	21.18	23.23	23.20	23.13	20.57	20.96	20.63	
	1	77	23.21	23.12	23.38	20.99	20.97	21.18	23.11	23.09	23.21	20.66	20.84	20.48	
	1	78	23.36	23.14	23.43	20.75	20.98	21.18	23.23	23.22	23.13	20.63	20.88	20.39	
	36	18	23.25	23.32	23.38	20.97	20.87	21.04	23.16	23.09	23.07	20.52	20.63	20.65	
	75	0	23.22	23.26	23.38	21.09	20.88	21.05	23.19	23.12	23.10	20.54	20.66	20.66	
	1	0	21.38	21.45	21.45	19.10	18.95	19.05	21.48	21.45	21.44	18.53	18.37	18.41	
	1	1	21.39	21.49	21.46	19.25	18.78	18.90	21.45	21.50	21.40	18.47	18.25	18.34	
	1	77	21.28	21.46	21.48	19.16	18.88	19.05	21.28	21.55	21.22	18.40	18.28	18.25	
	1	78	21.27	21.34	21.36	19.08	18.91	19.07	21.38	21.39	21.38	18.41	18.32	18.28	
	36	18	21.21	21.24	21.30	18.98	18.97	19.06	21.17	21.13	21.13	18.48	18.63	18.61	
	75	0	21.17	21.24	21.31	19.09	18.95	19.03	21.12	21.04	21.06	18.44	18.57	18.57	

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	25.30	25.27	25.33	23.11	23.12	23.10	25.22	25.05	25.08	22.49	22.53	22.59
		1	1	25.48	25.35	25.49	23.38	23.27	23.26	25.50	25.32	25.28	22.72	22.67	22.82
		1	104	25.37	25.49	25.63	23.28	23.29	23.29	25.35	25.32	25.32	22.70	22.84	22.81
		1	105	25.18	25.32	25.44	23.08	23.11	23.16	25.17	25.09	25.18	22.47	22.66	22.61
		50	25	25.49	25.55	25.64	23.30	23.16	23.27	25.40	25.32	25.33	22.68	22.77	22.85
		100	0	25.29	25.33	25.46	23.08	22.97	23.11	25.21	25.16	25.16	22.49	22.53	22.66
		1	0	24.85	24.87	25.00	22.64	22.74	22.72	24.18	24.67	24.08	21.48	21.83	21.67
		1	1	25.53	25.55	25.62	23.39	23.35	23.39	25.15	25.37	25.14	22.51	22.70	22.72
		1	104	25.45	25.59	25.70	23.26	23.40	23.39	25.39	25.10	24.23	22.68	22.90	21.77
	1	105	24.80	24.86	25.02	22.49	22.60	22.67	24.39	24.13	23.18	21.94	21.96	20.67	
	50	25	25.48	25.47	25.57	23.34	23.15	23.31	25.38	25.34	25.32	22.74	22.81	22.77	
	100	0	24.80	24.72	24.92	22.57	22.48	22.52	24.74	24.28	23.61	21.99	22.04	21.79	
	1	0	23.56	24.04	23.57	21.27	21.45	21.45	23.55	23.36	22.87	20.85	21.28	21.23	
	1	1	24.44	25.00	24.55	22.33	22.25	22.48	24.49	24.44	24.08	21.77	21.99	22.24	
	1	104	24.42	25.01	24.57	22.33	22.34	22.62	24.86	23.95	23.26	21.97	22.19	21.51	
	1	105	23.45	24.18	23.61	21.29	21.31	21.64	23.74	23.00	22.18	21.02	21.16	20.43	
	50	25	24.76	24.83	24.94	22.53	22.42	22.59	24.68	24.59	24.57	21.99	22.09	22.08	
	100	0	23.76	23.81	23.82	21.53	21.42	21.50	23.72	23.60	23.58	20.98	21.06	21.05	
	1	0	23.32	23.34	23.55	20.92	21.03	21.12	23.44	23.11	22.83	20.68	20.76	20.75	
	1	1	23.17	23.21	23.46	21.01	20.99	20.98	23.33	23.23	22.86	20.73	20.74	20.84	
	1	104	23.26	23.29	23.51	20.62	21.13	21.13	23.24	23.01	22.47	20.66	20.58	20.49	
	1	105	23.21	23.23	23.57	20.99	21.15	21.12	23.27	23.01	22.40	20.72	20.78	20.37	
	50	25	23.25	23.25	23.40	21.07	20.90	21.00	23.16	23.11	23.12	20.45	20.57	20.61	
	100	0	23.25	23.29	23.38	21.05	21.03	21.01	23.24	23.13	23.12	20.48	20.56	20.63	
	1	0	21.20	21.20	21.27	19.15	19.22	19.30	21.47	21.46	21.15	18.35	18.21	18.24	
	1	1	21.21	21.20	21.35	19.22	19.21	19.15	21.48	21.36	21.09	18.30	18.24	18.33	
	1	104	21.03	21.25	21.25	19.14	19.12	19.23	21.40	21.30	21.07	18.32	18.37	18.32	
	1	105	21.14	21.03	21.40	19.12	19.26	19.27	21.54	21.12	20.94	18.40	18.30	18.22	
	50	25	21.17	21.26	21.39	19.07	19.01	18.99	21.15	21.07	21.04	18.43	18.57	18.59	
	100	0	21.21	21.27	21.40	19.04	19.06	19.12	21.16	21.10	21.10	18.46	18.55	18.57	

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	25.27	25.27	25.44	23.16	23.06	23.05	25.31	25.17	25.12	22.56	22.60	22.57
		1	1	25.45	25.41	25.61	23.37	23.15	23.23	25.50	25.40	25.37	22.62	22.68	22.79
		1	132	25.44	25.58	25.70	23.17	23.22	23.24	25.41	25.41	25.43	22.80	22.86	22.82
		1	131	25.21	25.34	25.51	22.99	22.98	23.05	25.17	25.19	25.22	22.53	22.68	22.63
		64	32	25.44	25.52	25.57	23.21	23.19	23.25	25.44	25.34	25.34	22.58	22.80	22.84
		128	0	25.26	25.34	25.35	23.01	22.98	23.06	25.21	25.15	25.19	22.50	22.60	22.63
	QPSK	1	0	24.87	24.85	24.90	22.67	22.48	22.58	24.79	24.75	24.59	21.74	22.12	22.18
		1	1	25.50	25.50	25.60	23.40	23.33	23.39	25.49	25.40	25.41	22.76	22.73	22.90
		1	132	25.42	25.61	25.54	23.22	23.25	23.34	25.44	25.43	25.30	22.90	22.88	22.72
		1	131	24.75	24.84	24.89	22.51	22.61	22.68	24.71	24.72	24.34	21.95	22.19	21.73
		64	32	25.44	25.46	25.57	23.26	23.16	23.26	25.40	25.37	25.16	22.65	22.82	22.84
		128	0	24.72	24.83	24.86	22.52	22.47	22.60	24.73	24.69	24.68	21.96	22.13	22.14
	16QAM	1	0	23.22	23.77	23.59	21.44	21.69	21.50	24.04	23.70	23.73	21.12	21.11	21.07
		1	1	24.43	24.68	24.71	22.45	22.55	22.65	25.33	24.95	24.69	22.16	22.00	22.14
		1	132	24.26	24.71	24.99	22.30	22.57	22.43	25.07	24.79	24.64	22.16	22.15	21.84
		1	131	23.41	23.77	23.95	21.29	21.48	21.46	24.11	23.72	23.83	21.15	21.15	20.70
		64	32	24.72	24.83	24.85	22.56	22.43	22.61	24.75	24.67	24.68	21.99	22.12	22.16
		128	0	23.76	23.85	23.86	21.51	21.42	21.58	23.71	23.67	23.69	21.03	21.12	21.15
	64QAM	1	0	23.28	23.57	23.43	21.05	21.20	21.12	23.16	23.52	23.03	20.72	20.75	20.91
		1	1	23.26	23.39	23.49	21.08	21.03	20.97	23.08	23.47	23.00	20.68	20.65	20.68
		1	132	23.35	23.72	23.49	21.03	21.03	21.09	23.05	23.53	23.06	20.83	20.84	20.64
		1	131	23.29	23.48	23.51	20.92	21.10	21.13	23.12	23.38	23.04	20.75	20.78	20.49
		64	32	23.24	23.32	23.31	21.05	20.92	20.98	23.20	23.09	23.14	20.43	20.61	20.59
		128	0	23.22	23.33	23.30	21.01	20.91	20.99	23.22	23.19	23.14	20.50	20.61	20.64
	256QAM	1	0	21.62	21.47	21.63	19.16	18.91	19.20	21.54	21.47	21.61	18.26	18.56	18.68
		1	1	21.60	21.36	21.45	19.05	18.93	19.18	21.62	21.50	21.56	18.20	18.49	18.58
		1	132	21.37	21.28	21.62	18.93	18.77	19.16	21.55	21.54	21.57	18.24	18.58	18.34
		1	131	21.51	21.32	21.63	18.97	18.89	19.21	21.53	21.53	21.45	18.23	18.48	18.45
		64	32	21.20	21.26	21.36	19.04	18.88	18.99	21.15	21.05	21.10	18.44	18.54	18.51
		128	0	21.24	21.28	21.34	19.02	18.95	19.01	21.18	21.11	21.08	18.47	18.57	18.54

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	25.34	25.35	25.36	23.02	22.81	22.79	25.26	25.04	25.21	22.50	22.60	22.45
		1	1	25.56	25.52	25.61	23.23	23.03	23.01	25.45	25.27	25.29	22.58	22.64	22.70
		1	158	25.55	25.64	25.64	23.08	23.04	23.03	25.39	25.33	25.45	22.71	22.79	22.70
		1	159	25.41	25.40	25.46	22.84	22.84	22.81	25.18	25.17	25.27	22.44	22.68	22.53
		80	40	25.51	25.59	25.62	23.12	23.03	23.10	25.41	25.38	24.01	22.62	22.81	22.77
		160	0	25.39	25.44	25.44	22.93	22.89	22.91	25.25	25.18	25.17	22.46	22.65	22.61
	QPSK	1	0	24.88	24.93	24.86	22.58	22.61	22.34	24.81	24.65	24.67	22.02	22.08	22.07
		1	1	25.63	25.61	25.59	23.24	23.35	23.09	25.44	25.41	25.37	22.56	22.72	22.81
		1	158	25.59	25.69	25.63	23.15	23.40	23.12	25.27	25.50	25.46	22.74	22.90	22.67
		1	159	24.81	24.99	24.91	22.37	22.59	22.40	24.63	24.62	24.81	21.92	22.17	21.85
		80	40	25.54	25.62	25.70	23.12	23.09	23.18	25.42	25.37	25.38	22.62	22.74	22.77
		160	0	24.89	24.85	24.98	22.43	22.37	22.47	24.72	24.29	22.14	21.97	22.10	21.42
	16QAM	1	0	23.89	23.81	23.68	21.54	21.17	21.24	23.77	23.41	19.38	20.58	21.03	19.83
		1	1	24.90	24.93	24.72	22.45	22.16	22.15	24.74	24.40	20.59	21.52	21.89	21.09
		1	158	24.73	24.90	24.67	22.36	22.20	22.29	24.33	24.30	20.12	21.49	22.01	20.70
		1	159	23.92	23.91	23.54	21.35	21.17	21.19	23.41	23.15	18.92	20.64	21.06	19.58
		80	40	24.84	24.82	24.98	22.38	22.32	22.40	24.71	24.67	24.74	21.94	22.11	22.05
		160	0	23.89	23.86	24.00	21.39	21.31	21.44	23.78	23.75	23.37	21.01	21.10	21.10
	64QAM	1	0	23.37	23.33	23.39	20.91	21.06	20.77	23.33	23.06	22.65	20.46	20.66	20.76
		1	1	23.53	23.30	23.55	20.89	21.15	20.69	23.04	23.13	22.78	20.64	20.61	20.69
		1	158	23.52	23.48	23.49	20.73	21.35	20.65	23.24	23.29	22.72	20.53	20.72	20.29
		1	159	23.32	23.49	23.50	20.75	20.84	20.74	22.96	23.32	22.67	20.43	20.68	20.39
		80	40	23.30	23.41	23.41	20.81	20.76	20.84	23.23	23.19	23.18	20.41	20.55	20.56
		160	0	23.37	23.33	23.45	20.88	20.83	20.93	23.28	23.24	23.19	20.48	20.52	20.57
	256QAM	1	0	21.64	21.50	21.51	19.06	19.15	19.16	21.70	21.48	21.43	18.24	18.34	18.61
		1	1	21.54	21.38	21.52	19.03	19.13	19.17	21.72	21.48	21.41	18.28	18.18	18.60
		1	158	21.48	21.59	21.66	18.96	19.12	19.07	21.59	21.68	21.34	18.29	18.38	18.34
		1	159	21.49	21.51	21.64	18.98	18.94	19.16	21.59	21.69	21.37	18.19	18.26	18.37
		80	40	21.28	21.37	21.43	18.85	18.79	18.86	21.14	21.13	21.21	18.41	18.46	18.49
		160	0	21.32	21.37	21.44	18.88	18.78	18.91	21.20	21.16	21.23	18.43	18.51	18.55

OUTPUT POWER FOR 5G NR n25 (35.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				373500	376500	379500	373500	376500	379500	373500	376500	379500	373500	376500	379500
35.0	BPSK	1	0	1867.5	1882.5	1897.5	1867.5	1882.5	1897.5	1867.5	1882.5	1897.5	1867.5	1882.5	1897.5
		1	1	25.24	25.19	25.08	22.71	22.76	22.73	24.50	24.94	24.86	21.98	21.97	21.97
		1	1	25.70	25.42	25.24	23.20	23.21	23.08	25.16	25.32	25.20	22.53	22.36	22.59
		1	186	25.52	25.41	25.44	23.11	23.10	23.08	24.44	25.50	25.36	22.40	22.62	22.49
		1	187	25.24	25.31	25.21	22.61	22.58	22.22	23.79	25.00	25.10	22.11	22.09	21.94
		90	45	25.45	25.35	25.39	23.10	23.11	22.98	25.28	25.33	25.35	22.45	22.51	22.47
	QPSK	180	0	25.34	25.21	25.33	22.67	22.72	22.70	24.97	24.98	24.96	22.02	22.11	22.07
		1	0	24.58	24.86	24.71	22.17	22.16	22.12	23.25	24.46	24.41	21.57	21.62	21.42
		1	1	25.37	25.49	25.46	23.11	23.40	23.07	24.17	25.29	25.13	22.46	22.40	22.56
		1	186	25.15	25.46	25.47	23.03	23.10	22.00	23.44	25.34	25.28	22.90	22.33	22.16
		1	187	24.08	24.71	24.84	22.17	22.21	20.75	22.08	24.23	24.51	21.54	21.29	21.22
		90	45	25.47	25.41	25.47	23.11	23.15	23.20	25.33	25.38	25.40	22.48	22.52	22.48
	16QAM	180	0	24.83	24.76	24.73	22.06	22.17	22.23	24.45	24.33	24.41	21.39	21.42	21.48
		1	0	23.62	23.68	23.56	21.03	21.02	21.54	23.32	23.39	23.57	20.73	20.88	20.76
		1	1	24.53	24.10	24.59	22.23	22.07	22.15	24.50	24.49	24.46	21.62	21.74	21.43
		1	186	24.20	24.64	24.86	22.26	22.05	22.65	24.12	24.60	24.44	21.65	21.95	21.33
		1	187	23.38	23.37	23.57	21.23	21.02	21.49	23.06	23.49	23.61	20.52	20.84	20.62
		90	45	24.72	24.62	24.67	22.11	22.10	22.05	25.42	24.48	24.42	21.41	21.46	21.55
	64QAM	180	0	23.88	23.60	23.75	21.10	21.21	21.19	23.44	23.48	23.47	20.58	20.57	20.46
		1	0	22.88	22.93	23.01	20.67	20.41	20.66	22.97	22.78	22.77	19.80	19.90	19.71
		1	1	22.71	22.86	22.90	20.67	20.27	20.61	22.73	22.73	22.89	20.07	19.92	19.66
		1	186	22.56	22.81	22.75	20.42	20.36	20.75	22.33	22.83	22.93	20.02	19.82	19.38
		1	187	22.64	22.96	22.92	20.52	20.37	20.51	21.78	22.64	22.72	20.13	19.92	19.48
		90	45	23.33	23.17	23.22	20.54	20.54	20.57	22.96	22.90	22.82	19.95	19.94	19.95
	256QAM	180	0	23.26	23.14	23.20	20.61	20.63	20.69	23.02	22.95	23.04	20.01	20.02	20.03
		1	0	21.53	21.30	21.25	18.66	18.55	18.57	20.77	20.75	21.29	17.84	18.29	18.23
		1	1	21.41	21.34	21.58	18.57	18.57	18.60	20.95	21.15	21.03	17.96	18.14	18.15
		1	186	21.60	21.30	21.26	18.43	18.67	18.58	21.10	21.24	21.15	17.74	18.39	18.09
		1	187	21.54	21.83	21.28	18.46	18.77	18.52	20.96	21.00	21.18	18.01	18.15	18.03
		90	45	21.25	21.21	21.11	18.69	18.58	18.56	20.95	20.91	21.02	18.01	17.94	18.07
	180	0	21.25	21.21	21.19	18.79	18.63	18.66	21.08	20.95	21.04	18.05	17.97	18.01	

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	1870.0	1882.5	1895.0	1870.0	1882.5	1895.0	1870.0	1882.5	1895.0	1870.0	1882.5	1895.0
		1	1	25.27	25.25	25.29	22.98	22.96	22.85	25.12	25.24	25.25	22.54	22.64	22.62
		1	1	25.45	25.47	25.44	23.24	23.20	23.17	25.36	25.37	25.33	22.62	22.68	22.73
		1	214	25.49	25.53	25.66	23.19	23.11	23.16	25.37	25.50	25.46	22.90	22.89	22.86
		1	215	25.37	25.36	25.58	22.99	22.93	23.04	25.11	25.30	25.21	22.70	22.68	22.62
		108	54	25.47	25.48	25.56	23.24	23.09	23.17	25.36	25.37	25.38	22.67	22.84	22.72
	QPSK	216	0	23.99	23.74	25.47	23.02	22.96	23.05	25.22	25.21	25.24	22.55	22.56	22.63
		1	0	22.52	22.87	24.30	22.61	22.39	22.30	24.02	24.59	24.49	20.92	21.98	21.44
		1	1	23.77	23.84	25.33	23.39	23.18	23.32	25.08	25.44	25.41	21.93	22.75	22.48
		1	214	22.86	23.18	24.84	23.40	22.71	22.54	24.51	24.91	24.55	21.68	22.38	21.64
		1	215	21.83	22.09	23.70	22.70	21.68	21.46	23.42	23.85	23.56	20.74	21.37	20.78
		108	54	25.53	25.39	25.70	23.22	23.16	23.22	25.41	24.91	25.38	22.74	22.80	22.84
	16QAM	216	0	24.88	24.52	24.84	22.27	22.50	22.56	24.28	23.73	24.18	22.07	22.07	22.19
		1	0	23.92	23.67	23.37	21.51	21.59	21.40	23.32	23.20	23.89	20.92	20.99	20.92
		1	1	24.70	24.92	24.24	22.71	22.56	22.38	24.40	24.34	24.80	21.99	21.81	22.16
		1	214	24.65	24.56	24.14	21.91	22.55	22.48	23.72	23.73	24.09	22.05	21.84	21.67
		1	215	23.66	23.47	23.12	20.79	21.51	21.54	22.67	22.56	23.14	21.20	20.87	20.69
		108	54	24.81	24.77	24.91	22.57	22.43	22.56	24.65	24.61	24.65	22.06	22.16	22.16
	64QAM	216	0	23.87	23.85	23.98	21.58	21.46	21.57	23.74	23.68	23.69	21.06	21.19	21.21
		1	0	23.42	23.26	23.25	21.19	21.04	20.91	23.39	23.18	23.34	20.74	20.66	20.86
		1	1	23.27	23.27	22.95	21.23	20.91	21.08	23.29	23.11	23.42	20.72	20.51	20.82
		1	214	23.20	23.38	23.24	20.85	20.86	21.23	22.80	23.36	23.27	20.76	20.70	20.68
		1	215	23.21	23.19	23.23	21.11	20.89	20.97	22.57	23.18	23.25	20.88	20.63	20.57
		108	54	23.35	23.24	23.36	20.98	20.93	21.00	23.16	23.12	23.23	20.56	20.68	20.71
	256QAM	216	0	23.37	23.32	23.41	21.02	20.96	21.02	23.21	23.16	23.18	20.61	20.60	20.70
		1	0	21.75	21.48	21.55	19.43	19.09	19.36	21.28	21.40	21.66	18.55	18.55	18.28
		1	1	21.79	21.29	21.52	19.39	19.19	19.48	21.41	21.43	21.57	18.58	18.37	18.15
		1	214	22.01	21.56	21.77	19.16	19.20	19.41	20.99	21.57	21.69	18.64	18.60	18.53
		1	215	21.92	21.56	21.70	19.26	19.17	19.32	21.29	21.63	21.75	18.68	18.61	18.25
		108	54	21.34	21.31	21.30	18.99	18.84	18.92	21.10	21.15	21.08	18.50	18.59	18.61
	216	0	21.35	21.32	21.40	19.04	18.87	18.99	21.15	21.17	21.19	18.57	18.66	18.68	

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

LTE BAND 26

Test Engineer ID:	25780	Test Date:	2/10/2023
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OUTPUT POWER FOR LTE BAND 26 (1.4 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 1			ANT 2			ANT 3		
				26697	26740	26783	26697	26740	26783	26697	26740	26783
1.4	QPSK	1	0	25.39	25.56	25.65	24.53	24.56	24.58	25.26	25.21	25.16
		1	2	25.52	25.63	25.67	24.65	24.70	24.66	25.40	25.36	25.26
		1	5	25.51	25.62	25.70	24.62	24.66	24.64	25.30	25.31	25.24
		3	0	25.48	25.59	25.66	24.63	24.64	24.64	25.32	25.32	25.26
		3	1	25.49	25.60	25.69	24.62	24.65	24.64	25.33	25.33	25.27
		3	2	25.50	25.60	25.67	24.61	24.65	24.63	25.34	25.33	25.27
	16QAM	6	0	24.78	24.88	24.99	23.60	23.63	23.60	24.30	24.29	24.23
		1	0	24.97	25.24	25.31	23.73	23.86	23.85	24.47	24.61	24.46
		1	2	25.09	25.24	25.36	23.80	23.97	23.97	24.50	24.67	24.63
		1	5	25.06	25.19	25.34	23.84	23.95	23.93	24.53	24.66	24.53
		3	0	24.95	25.08	25.15	23.74	23.84	23.80	24.45	24.50	24.43
		3	1	24.96	25.06	25.15	23.75	23.83	23.80	24.42	24.49	24.45
	64QAM	3	2	24.96	25.08	25.16	23.76	23.80	23.78	24.42	24.48	24.42
		6	0	23.85	23.99	24.06	22.67	22.72	22.73	23.37	23.31	23.28
		1	0	23.83	24.04	23.97	22.65	22.64	22.70	23.34	23.36	23.33
		1	2	23.96	24.07	24.07	22.78	22.71	22.82	23.47	23.48	23.46
		1	5	24.01	24.00	24.01	22.85	22.71	22.77	23.41	23.44	23.41
		3	0	23.85	24.00	23.97	22.70	22.76	22.67	23.38	23.36	23.29
	256QAM	3	1	23.85	24.00	24.01	22.72	22.76	22.69	23.39	23.39	23.31
		3	2	23.87	24.01	24.00	22.72	22.76	22.68	23.39	23.39	23.31
		6	0	22.74	22.86	22.96	21.60	21.66	21.58	22.30	22.33	22.23
		1	0	20.73	20.90	20.95	19.72	19.60	19.58	20.33	20.22	20.27
		1	2	20.89	21.00	21.07	19.77	19.77	19.70	20.42	20.42	20.39
		1	5	20.80	20.93	20.99	19.83	19.70	19.78	20.36	20.35	20.30
	256QAM	3	0	20.69	20.86	20.94	19.70	19.65	19.64	20.35	20.32	20.23
		3	1	20.79	20.87	20.98	19.74	19.64	19.65	20.34	20.32	20.24
		3	2	20.80	20.94	20.97	19.72	19.67	19.66	20.34	20.31	20.24
		6	0	20.78	20.76	20.80	19.77	19.72	19.56	20.32	20.33	20.31

OUTPUT POWER FOR LTE BAND 26 (3.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 1			ANT 2			ANT 3		
				26705	26740	26775	26705	26740	26775	26705	26740	26775
3.0	QPSK	1	0	25.37	25.47	25.54	24.59	24.59	24.57	25.20	25.22	25.29
		1	7	25.54	25.61	25.70	24.68	24.70	24.68	25.27	25.34	25.40
		1	14	25.46	25.56	25.62	24.61	24.59	24.58	25.18	25.24	25.31
		8	0	24.73	24.91	24.95	23.65	23.57	23.55	24.17	24.22	24.30
		8	4	24.84	24.95	24.98	23.69	23.68	23.68	24.26	24.30	24.39
		8	7	24.84	24.94	24.99	23.70	23.69	23.67	24.25	24.30	24.37
	16QAM	15	0	24.83	24.90	24.95	23.64	23.62	23.63	24.23	24.27	24.34
		1	0	25.04	25.16	25.18	23.85	23.85	23.85	24.47	24.56	24.60
		1	7	25.18	25.24	25.30	24.03	23.96	23.98	24.59	24.63	24.72
		1	14	25.09	25.17	25.23	23.93	23.88	23.87	24.45	24.53	24.57
		8	0	23.82	23.90	24.02	22.71	22.60	22.62	23.18	23.26	23.34
		8	4	23.94	23.94	24.06	22.77	22.72	22.75	23.30	23.38	23.42
	64QAM	8	7	23.95	23.95	24.05	22.77	22.72	22.73	23.31	23.35	23.45
		15	0	23.87	23.93	24.02	22.68	22.64	22.69	23.23	23.32	23.39
		1	0	23.79	24.02	24.09	22.85	22.76	22.85	23.37	23.44	23.50
		1	7	24.06	24.16	24.23	22.92	22.85	22.89	23.53	23.54	23.60
		1	14	23.98	24.10	24.14	22.82	22.77	22.85	23.43	23.46	23.45
		8	0	22.74	22.82	22.94	21.71	21.60	21.60	22.20	22.21	22.29
	256QAM	8	4	22.87	22.87	22.99	21.72	21.71	21.70	22.33	22.31	22.40
		8	7	22.83	22.89	23.00	21.71	21.71	21.69	22.34	22.31	22.38
		15	0	22.83	22.89	22.94	21.64	21.68	21.64	22.23	22.28	22.30
		1	0	20.76	20.86	20.96	19.63	19.75	19.56	20.17	20.27	20.35
		1	7	21.02	21.06	21.14	19.78	19.87	19.83	20.31	20.40	20.44
		1	14	20.91	21.01	21.04	19.74	19.84	19.77	20.21	20.37	20.34
	256QAM	8	0	20.69	20.86	20.90	19.67	19.60	19.59	20.14	20.20	20.22
		8	4	20.83	20.88	20.94	19.69	19.71	19.69	20.24	20.32	20.35
		8	7	20.84	20.90	20.94	19.69	19.72	19.69	20.24	20.31	20.36
		15	0	20.82	20.83	20.90	19.65	19.68	19.66	20.18	20.30	20.26

OUTPUT POWER FOR LTE BAND 26 (5.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 1			ANT 2			ANT 3		
				26715	26740	26765	26715	26740	26765	26715	26740	26765
5.0	QPSK	1	0	25.41	25.51	25.57	24.57	24.60	24.60	25.21	25.27	25.27
		1	12	25.61	25.68	25.70	24.70	24.70	24.68	25.30	25.40	25.39
		1	24	25.56	25.64	25.66	24.61	24.63	24.61	25.19	25.25	25.30
		12	0	24.73	24.88	24.85	23.55	23.57	23.55	24.16	24.23	24.28
		12	6	24.87	24.94	24.98	23.64	23.68	23.64	24.28	24.34	24.36
		12	11	24.88	24.93	24.97	23.61	23.67	23.63	24.23	24.31	24.33
		25	0	24.86	24.94	24.97	23.65	23.64	23.62	24.22	24.29	24.31
	16QAM	1	0	25.12	25.15	25.27	23.98	24.03	24.00	24.55	24.61	24.65
		1	12	25.26	25.39	25.44	24.06	24.08	24.05	24.62	24.73	24.79
		1	24	25.27	25.30	25.38	23.94	23.99	24.00	24.53	24.56	24.65
		12	0	23.71	23.93	23.88	22.56	22.56	22.62	23.21	23.26	23.22
		12	6	23.85	23.99	24.02	22.68	22.67	22.75	23.33	23.35	23.32
		12	11	23.87	23.99	24.01	22.65	22.65	22.73	23.30	23.32	23.31
		25	0	23.89	23.93	23.97	22.65	22.66	22.65	23.24	23.29	23.35
	64QAM	1	0	23.86	23.98	24.00	22.61	22.68	22.85	23.35	23.38	23.40
		1	12	24.03	24.07	24.13	22.71	22.73	22.91	23.38	23.43	23.49
		1	24	24.01	24.09	24.12	22.62	22.71	22.82	23.31	23.35	23.41
		12	0	22.77	22.85	22.85	21.55	21.60	21.59	22.18	22.20	22.26
		12	6	22.88	22.91	23.01	21.67	21.68	21.67	22.32	22.33	22.35
		12	11	22.85	22.92	23.00	21.65	21.69	21.66	22.26	22.27	22.33
		25	0	22.84	22.87	22.96	21.66	21.64	21.66	22.24	22.27	22.30
	256QAM	1	0	20.79	20.76	20.86	19.61	19.76	19.59	20.22	20.33	20.37
		1	12	20.94	20.88	21.07	19.79	19.87	19.72	20.33	20.46	20.46
		1	24	20.92	21.04	21.09	19.71	19.83	19.64	20.26	20.38	20.39
		12	0	20.69	20.81	20.84	19.55	19.55	19.59	20.16	20.17	20.24
12		6	20.82	20.89	20.98	19.67	19.68	19.70	20.25	20.27	20.33	
12		11	20.82	20.87	20.95	19.66	19.65	19.67	20.21	20.25	20.28	
25		0	20.81	20.84	20.93	19.66	19.67	19.66	20.21	20.25	20.29	

OUTPUT POWER FOR LTE BAND 26 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 1			ANT 2			ANT 3		
				N/A	26740	N/A	N/A	26740	N/A	N/A	26740	N/A
10.0	QPSK	1	0		25.46			24.67			25.40	
		1	24		25.63			24.70			25.37	
		1	49		25.70			24.65			25.27	
		25	0		24.85			23.61			24.31	
		25	12		25.00			23.73			24.39	
		25	24		25.02			23.70			24.37	
		50	0		24.99			23.71			24.37	
	16QAM	1	0		25.26			24.11			24.73	
		1	24		25.34			23.95			24.67	
		1	49		25.45			24.00			24.65	
		25	0		23.87			22.65			23.30	
		25	12		23.99			22.76			23.39	
		25	24		24.00			22.74			23.38	
		50	0		23.99			22.71			23.37	
	64QAM	1	0		24.05			22.90			23.60	
		1	24		24.18			22.91			23.63	
		1	49		24.26			22.88			23.57	
		25	0		22.81			21.62			22.33	
		25	12		22.96			21.72			22.42	
		25	24		22.98			21.73			22.38	
		50	0		22.95			21.72			22.39	
	256QAM	1	0		20.85			19.70			20.38	
		1	24		21.05			19.86			20.48	
		1	49		21.09			19.78			20.38	
		25	0		20.82			19.65			20.30	
25		12		20.94			19.74			20.38		
25		24		20.95			19.72			20.36		
50		0		20.92			19.70			20.37		

5G NR n26

Test Engineer ID:	19146	Test Date:	2/12/2023
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OUTPUT POWER FOR 5G NR n26 (5.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 1			ANT 2			ANT 3		
				163300	163800	164300	163300	163800	164300	163300	163800	164300
5.0	BPSK	1	0	816.5	819.0	821.5	816.5	819.0	821.5	816.5	819.0	821.5
		1	1	24.20	24.84	25.31	23.20	23.82	24.29	23.90	23.97	25.05
		1	1	25.68	25.56	25.56	24.56	24.50	24.49	25.38	25.24	25.14
		1	23	25.70	25.45	25.50	24.52	24.43	24.42	25.31	25.24	25.22
		1	24	24.20	24.76	25.24	23.20	23.73	24.33	23.90	24.04	24.99
		12	6	25.60	25.51	25.50	24.49	24.48	24.51	25.19	25.19	25.15
	QPSK	25	0	25.25	25.25	25.28	24.27	24.23	24.19	25.04	25.00	24.99
		1	0	24.20	24.95	24.76	23.20	23.82	23.92	23.90	24.02	24.61
		1	1	25.67	25.56	25.49	24.46	24.65	24.70	25.30	25.40	25.22
		1	23	25.55	25.52	25.44	24.43	24.54	24.65	25.21	25.36	25.27
		1	24	24.20	24.80	24.69	23.20	23.74	23.97	23.90	24.12	24.54
		12	6	25.56	25.46	25.50	24.56	24.48	24.43	25.29	25.21	25.27
	16QAM	25	0	24.89	24.80	24.76	23.77	23.73	23.71	24.52	24.51	24.54
		1	0	23.55	23.63	24.13	22.69	23.00	22.84	23.38	23.45	23.37
		1	1	24.55	24.76	25.10	23.57	24.00	23.81	24.45	24.47	24.34
		1	23	24.56	24.65	25.02	23.67	23.96	23.70	24.47	24.54	24.34
		1	24	23.47	23.59	24.01	22.52	22.91	22.67	23.32	23.55	23.35
		12	6	24.94	24.99	24.88	23.89	23.98	24.01	24.57	24.49	24.56
	64QAM	25	0	23.83	23.81	23.78	22.72	22.77	22.83	23.45	23.47	23.51
		1	0	23.40	23.16	23.23	22.26	22.16	22.39	22.92	22.90	22.92
		1	1	23.40	23.13	23.15	22.21	22.38	22.34	22.96	22.83	22.90
		1	23	23.33	23.06	23.16	22.21	22.21	22.34	22.88	22.90	22.89
		1	24	23.40	23.02	23.22	22.17	22.17	22.27	22.88	22.92	22.86
		12	6	23.32	23.30	23.21	22.33	22.31	22.29	22.97	22.94	22.94
	256QAM	25	0	23.31	23.29	23.23	22.23	22.37	22.22	22.87	22.89	22.98
		1	0	21.49	21.35	21.37	20.28	20.41	20.12	20.76	20.84	21.09
		1	1	21.48	21.37	21.41	20.33	20.41	20.27	20.82	20.68	20.91
		1	23	21.45	21.29	21.38	20.23	20.43	20.27	20.86	20.72	20.94
		1	24	21.42	21.30	21.27	20.20	20.38	20.23	20.82	20.76	20.78
		12	6	21.26	21.27	21.21	20.22	20.23	20.16	20.90	20.90	20.99
25	0	21.35	21.31	21.19	20.26	20.23	20.16	20.95	20.88	20.95		

OUTPUT POWER FOR 5G NR n26 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 1			ANT 2			ANT 3		
				N/A	163800	N/A	N/A	163800	N/A	N/A	163800	N/A
10.0	BPSK	1	0		25.46			24.47			25.15	
		1	1		25.70			24.70			25.34	
		1	50		25.54			24.61			25.36	
		1	51		25.28			24.35			25.16	
		25	12		25.47			24.51			25.23	
		50	0		25.34			24.40			25.10	
	QPSK	1	0		24.84			23.90			24.60	
		1	1		25.61			24.60			25.40	
		1	50		25.49			24.50			25.36	
		1	51		24.75			23.79			24.51	
		25	12		25.50			24.57			25.26	
		50	0		24.83			23.89			24.58	
	16QAM	1	0		23.92			22.73			23.76	
		1	1		24.89			23.76			24.94	
		1	50		24.78			23.50			24.84	
		1	51		23.74			22.53			23.72	
		25	12		24.84			23.83			24.59	
		50	0		23.82			22.90			23.50	
	64QAM	1	0		23.41			22.31			23.08	
		1	1		23.25			22.30			22.95	
		1	50		23.29			22.25			23.05	
		1	51		23.18			22.28			22.99	
		25	12		23.25			22.38			23.02	
		50	0		23.28			22.36			22.98	
	256QAM	1	0		21.55			20.41			21.05	
		1	1		21.62			20.51			21.09	
		1	50		21.47			20.32			21.03	
		1	51		21.43			20.42			21.05	
		25	12		21.30			20.28			20.98	
		50	0		21.25			20.28			20.99	

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

LTE BAND 26

Test Engineer ID:	25780	Test Date:	2/3/2023
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OUTPUT POWER FOR LTE BAND 26 (1.4 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)									
				ANT 1			ANT 2			ANT 3			
				26797	26915	27033	26797	26915	27033	26797	26915	27033	
1.4	QPSK	1	0	25.53	25.67	25.21	24.66	24.56	24.44	25.27	25.29	25.39	
		1	2	25.55	25.70	25.24	24.69	24.70	24.43	25.28	25.40	25.39	
		1	5	25.51	25.67	25.19	24.66	24.67	24.41	25.26	25.38	25.06	
		3	0	25.53	25.66	25.26	24.67	24.58	24.43	25.27	25.30	25.40	
		3	1	25.54	25.66	25.25	24.67	24.60	24.43	25.29	25.30	25.34	
		3	2	25.56	25.66	25.25	24.68	24.68	24.43	25.28	25.38	25.24	
	16QAM	6	0	24.83	24.96	24.55	23.64	23.57	23.42	24.26	24.27	24.39	
		1	0	25.02	25.26	24.91	23.98	23.90	23.59	24.47	24.62	24.66	
		1	2	25.02	25.24	24.94	23.97	24.02	23.64	24.53	24.70	24.65	
		1	5	25.08	25.25	24.82	23.94	23.98	23.64	24.45	24.68	24.36	
		3	0	25.00	25.16	24.73	23.81	23.74	23.59	24.42	24.46	24.55	
		3	1	25.00	25.13	24.70	23.81	23.73	23.60	24.47	24.44	24.55	
	64QAM	3	2	25.03	25.15	24.68	23.82	23.79	23.60	24.44	24.55	24.46	
		6	0	23.89	24.05	23.54	22.66	22.59	22.46	23.32	23.37	23.46	
		1	0	24.03	24.07	23.64	22.89	22.74	22.59	23.51	23.44	23.53	
		1	2	24.03	24.11	23.72	22.91	22.85	22.58	23.57	23.49	23.54	
		1	5	24.07	24.16	23.64	22.90	22.82	22.61	23.52	23.45	23.33	
		3	0	23.99	24.04	23.17	22.78	22.56	22.48	23.57	23.36	23.49	
	256QAM	3	1	24.02	24.06	23.19	22.80	22.57	22.49	23.54	23.37	23.47	
		3	2	24.03	24.05	23.20	22.78	22.67	22.51	23.55	23.46	23.48	
		6	0	22.96	23.07	22.16	21.73	21.57	21.44	22.35	22.34	22.41	
		1	0	20.96	21.11	20.25	19.84	19.62	19.54	20.54	20.37	20.39	
		1	2	21.06	21.21	20.21	19.87	19.73	19.58	20.55	20.48	20.45	
		1	5	20.91	21.14	20.17	19.76	19.70	19.48	20.54	20.43	20.40	
	1.4	256QAM	3	0	20.88	21.01	20.15	19.70	19.60	19.46	20.45	20.28	20.46
			3	1	20.90	21.02	20.16	19.71	19.60	19.48	20.46	20.28	20.44
			3	2	20.87	21.03	20.14	19.71	19.69	19.48	20.44	20.37	20.44
			6	0	20.79	21.08	20.00	19.66	19.50	19.45	20.49	20.30	20.28

OUTPUT POWER FOR LTE BAND 26 (3.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)									
				ANT 1			ANT 2			ANT 3			
				26805	26915	27025	26805	26915	27025	26805	26915	27025	
3.0	QPSK	1	0	25.57	25.45	24.89	24.27	24.53	24.60	25.30	25.25	25.34	
		1	7	25.70	25.51	24.88	24.41	24.65	24.70	25.40	25.37	25.40	
		1	14	25.61	25.36	24.69	24.34	24.54	24.57	25.33	25.28	25.34	
		8	0	24.96	24.76	24.19	23.36	23.51	23.64	24.39	24.24	24.37	
		8	4	24.98	24.74	24.19	23.40	23.54	23.66	24.41	24.27	24.41	
		8	7	24.97	24.81	24.15	23.42	23.60	23.65	24.42	24.36	24.40	
	16QAM	15	0	24.93	24.70	24.16	23.38	23.51	23.62	24.38	24.23	24.37	
		1	0	25.18	25.08	24.54	23.64	23.82	23.93	24.64	24.60	24.62	
		1	7	25.25	25.14	24.57	23.79	23.94	23.99	24.68	24.72	24.71	
		1	14	25.19	24.98	24.40	23.65	23.84	23.86	24.62	24.59	24.63	
		8	0	23.97	23.76	23.25	22.43	22.59	22.71	23.43	23.28	23.41	
		8	4	24.04	23.77	23.24	22.45	22.65	22.74	23.47	23.33	23.45	
	64QAM	8	7	24.02	23.82	23.21	22.47	22.72	22.76	23.45	23.41	23.45	
		15	0	23.93	23.72	23.18	22.41	22.54	22.68	23.37	23.27	23.37	
		1	0	24.10	23.96	23.34	22.56	22.78	22.83	23.48	23.44	23.49	
		1	7	24.21	24.04	23.39	22.62	22.87	22.86	23.60	23.50	23.57	
		1	14	24.18	23.88	23.24	22.61	22.83	22.78	23.49	23.52	23.47	
		8	0	22.99	22.75	22.17	21.45	21.54	21.70	22.42	22.26	22.38	
	256QAM	8	4	23.03	22.77	22.16	21.48	21.59	21.74	22.47	22.31	22.42	
		8	7	23.05	22.83	22.14	21.50	21.67	21.69	22.47	22.38	22.43	
		15	0	22.98	22.69	22.13	21.40	21.51	21.67	22.39	22.24	22.38	
		1	0	20.90	20.78	20.24	19.41	19.56	19.74	20.44	20.39	20.50	
		1	7	21.06	20.89	20.33	19.57	19.74	19.82	20.57	20.53	20.54	
		1	14	21.03	20.74	20.18	19.50	19.64	19.71	20.37	20.48	20.54	
	3.0	256QAM	8	0	20.92	20.70	20.14	19.41	19.50	19.67	20.41	20.23	20.34
			8	4	21.01	20.73	20.13	19.44	19.55	19.69	20.43	20.26	20.39
			8	7	21.01	20.80	20.12	19.47	19.65	19.70	20.42	20.32	20.37
			15	0	20.95	20.68	20.09	19.38	19.51	19.64	20.40	20.22	20.34

OUTPUT POWER FOR LTE BAND 26 (5.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)									
				ANT 1			ANT 2			ANT 3			
				26815	26915	27015	26815	26915	27015	26815	26915	27015	
5.0	QPSK	1	0	25.53	25.44	24.91	24.26	24.47	24.55	25.31	25.24	25.27	
		1	12	25.70	25.45	24.93	24.46	24.63	24.70	25.37	25.37	25.40	
		1	24	25.59	25.30	24.66	24.36	24.55	24.56	25.29	25.27	25.32	
		12	0	24.82	24.67	24.10	23.25	23.44	23.52	24.23	24.19	24.25	
		12	6	24.94	24.65	24.14	23.38	23.48	23.61	24.33	24.21	24.37	
	16QAM	12	11	24.91	24.69	24.09	23.36	23.53	23.56	24.30	24.28	24.34	
		25	0	24.91	24.62	24.05	23.35	23.45	23.51	24.32	24.20	24.22	
		1	0	25.22	25.11	24.61	23.60	23.85	23.96	24.70	24.60	24.68	
		1	12	25.32	25.16	24.56	23.73	23.97	24.03	24.78	24.78	24.76	
		1	24	25.28	25.00	24.38	23.78	23.90	23.90	24.67	24.57	24.71	
	64QAM	12	0	23.75	23.79	23.15	22.25	22.51	22.56	23.24	23.17	23.28	
		12	6	23.83	23.75	23.29	22.39	22.56	22.66	23.36	23.22	23.40	
		12	11	23.83	23.77	23.23	22.37	22.63	22.63	23.31	23.27	23.39	
		25	0	23.92	23.66	23.20	22.34	22.51	22.55	23.33	23.25	23.21	
		1	0	24.13	23.79	23.37	22.41	22.68	22.71	23.48	23.35	23.37	
	256QAM	1	12	24.18	23.76	23.24	22.53	22.75	22.77	23.50	23.41	23.47	
		1	24	24.17	23.65	23.15	22.55	22.70	22.68	23.46	23.42	23.36	
		12	0	22.86	22.69	22.11	21.25	21.44	21.53	22.27	22.19	22.23	
		12	6	22.97	22.66	22.14	21.41	21.50	21.64	22.37	22.23	22.37	
		12	11	22.96	22.67	22.06	21.42	21.59	21.65	22.34	22.27	22.36	
	5.0	256QAM	25	0	22.92	22.62	22.04	21.37	21.49	21.54	22.32	22.21	22.26
			1	0	20.85	20.69	20.21	19.37	19.47	19.62	20.30	20.24	20.31
		256QAM	1	12	21.03	20.80	20.21	19.63	19.66	19.73	20.44	20.37	20.43
			1	24	20.95	20.64	20.03	19.61	19.61	19.64	20.36	20.29	20.39
			12	0	20.84	20.64	20.09	19.27	19.46	19.54	20.24	20.16	20.23
12			6	20.95	20.62	20.14	19.39	19.51	19.64	20.36	20.22	20.35	
12			11	20.93	20.60	20.03	19.38	19.57	19.61	20.34	20.26	20.33	
25			0	20.91	20.57	20.02	19.38	19.48	19.52	20.32	20.17	20.23	

OUTPUT POWER FOR LTE BAND 26 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)									
				ANT 1			ANT 2			ANT 3			
				26840	26915	26990	26840	26915	26990	26840	26915	26990	
10.0	QPSK	1	0	25.62	25.62	25.00	24.36	24.56	24.63	25.40	25.32	25.35	
		1	24	25.70	25.53	24.73	24.45	24.65	24.70	25.38	25.34	25.39	
		1	49	25.57	25.25	24.51	24.52	24.65	24.63	25.34	25.37	25.37	
		25	0	24.92	24.82	24.47	23.38	23.51	23.58	24.35	24.28	24.31	
		25	12	25.01	24.77	24.41	23.50	23.58	23.60	24.42	24.31	24.35	
		25	24	24.95	24.70	24.48	23.52	23.67	23.69	24.37	24.37	24.42	
		50	0	24.99	24.72	25.11	23.49	23.56	23.62	24.41	24.30	24.34	
		16QAM	1	0	25.30	25.10	24.92	23.71	23.93	23.93	24.79	24.73	24.75
			1	24	25.21	24.93	24.67	23.77	23.87	23.99	24.65	24.62	24.64
			1	49	25.23	24.83	23.56	23.89	23.99	23.96	24.68	24.73	24.71
	25		0	23.93	23.76	23.51	22.38	22.54	22.63	23.35	23.31	23.34	
	25		12	24.06	23.67	23.43	22.50	22.59	22.64	23.44	23.31	23.36	
	64QAM	25	24	24.02	23.65	23.45	22.53	22.68	22.72	23.41	23.39	23.47	
		50	0	24.00	23.65	23.90	22.49	22.56	22.63	23.41	23.30	23.33	
		1	0	24.20	24.05	23.78	22.61	22.73	22.78	23.57	23.48	23.50	
		1	24	24.22	23.94	23.47	22.75	22.90	22.84	23.56	23.51	23.55	
		1	49	24.09	23.68	22.53	22.79	22.85	22.76	23.54	23.48	23.59	
	256QAM	25	0	22.91	22.71	22.48	21.37	21.51	21.62	22.34	22.27	22.27	
		25	12	23.00	22.65	22.41	21.51	21.59	21.63	22.43	22.29	22.32	
		25	24	23.00	22.61	22.44	21.55	21.66	21.70	22.42	22.39	22.39	
		50	0	22.97	22.64	20.71	21.53	21.57	21.62	22.39	22.27	22.32	
		1	0	20.93	20.80	20.60	19.43	19.59	19.69	20.40	20.32	20.45	
		1	24	21.08	20.81	20.34	19.65	19.76	19.84	20.49	20.48	20.57	
		1	49	20.91	20.59	20.51	19.71	19.77	19.80	20.44	20.46	20.49	
		25	0	20.87	20.69	20.42	19.36	19.51	19.60	20.34	20.24	20.26	
		25	12	20.98	20.62	20.36	19.51	19.57	19.61	20.40	20.27	20.30	
		25	24	20.95	20.58	-0.71	19.53	19.65	19.67	20.39	20.34	20.38	
	50	0	20.95	25.22	-0.71	19.49	19.54	19.61	20.35	20.26	20.28		

5G NR n26

Test Engineer ID:	19146	Test Date:	2/12/2023
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OUTPUT POWER FOR 5G NR n26 (5.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 1			ANT 2			ANT 3		
				165300	167300	169300	165300	167300	169300	165300	167300	169300
5.0	BPSK	1	0	24.20	25.44	25.42	23.20	24.36	24.44	23.90	25.05	25.02
		1	1	25.63	25.49	25.61	24.55	24.52	24.63	25.33	25.32	25.24
		1	23	25.70	25.56	25.58	24.61	24.52	24.58	25.25	25.40	25.23
		1	24	24.20	25.32	25.39	23.20	24.29	24.31	23.90	25.15	24.93
		12	6	25.61	25.58	25.58	24.62	24.58	24.57	25.20	25.12	25.19
		25	0	25.36	25.35	25.32	24.34	24.34	24.28	25.02	24.95	24.99
	QPSK	1	0	24.20	24.93	24.87	23.20	23.91	23.95	23.90	24.41	24.47
		1	1	25.51	25.60	25.63	24.59	24.61	24.67	25.36	25.18	25.24
		1	23	25.60	25.58	25.58	24.70	24.59	24.60	25.29	25.25	25.00
		1	24	24.20	24.85	24.86	23.20	23.88	23.83	23.90	24.47	24.01
		12	6	25.61	25.55	25.52	24.59	24.69	24.60	25.24	25.15	25.21
		25	0	24.94	24.85	24.86	23.91	23.89	23.82	24.50	24.45	24.53
	16QAM	1	0	24.04	23.93	23.64	22.48	23.11	22.68	23.34	23.51	23.81
		1	1	24.97	24.95	24.87	23.57	24.13	23.67	24.32	24.73	24.72
		1	23	24.99	25.02	24.61	23.58	24.05	23.58	24.30	24.73	24.52
		1	24	24.02	23.87	23.59	22.48	23.03	22.55	23.27	23.70	23.46
		12	6	25.11	25.01	24.96	23.95	24.02	24.06	24.56	24.50	24.48
		25	0	23.90	23.81	23.83	22.94	22.83	22.73	23.54	23.46	23.48
	64QAM	1	0	23.52	23.49	23.54	22.38	22.33	22.19	22.81	22.97	23.04
		1	1	23.23	23.57	23.60	22.38	22.24	22.26	22.84	22.99	23.06
		1	23	23.40	23.47	23.58	22.27	22.27	22.22	22.84	22.97	23.04
		1	24	23.40	23.49	23.55	22.29	22.23	22.20	22.88	23.04	22.86
		12	6	23.36	23.37	23.35	22.34	22.38	22.36	23.00	22.90	22.98
		25	0	23.40	23.32	23.39	22.30	22.36	22.30	22.99	22.87	22.90
	256QAM	1	0	21.51	21.45	21.50	20.54	20.41	20.43	21.27	21.14	20.83
		1	1	21.39	21.42	21.45	20.49	20.39	20.48	21.24	20.97	21.09
		1	23	21.50	21.29	21.44	20.53	20.36	20.31	21.19	21.11	20.87
		1	24	21.46	21.34	21.47	20.48	20.33	20.36	21.14	21.22	20.87
		12	6	21.36	21.29	21.31	20.23	20.30	20.26	20.97	20.92	20.93
		25	0	21.33	21.32	21.31	20.31	20.30	20.24	20.95	20.89	20.95

OUTPUT POWER FOR 5G NR n26 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 1			ANT 2			ANT 3		
				165800	167300	168800	165800	167300	168800	165800	167300	168800
10.0	BPSK	1	0	25.44	25.46	25.46	24.40	24.50	24.45	25.10	25.13	25.10
		1	1	25.56	25.54	25.57	24.59	24.60	24.57	25.36	25.35	25.26
		1	50	25.51	25.53	25.55	24.57	24.54	24.54	25.37	25.38	25.22
		1	51	25.37	25.32	25.37	24.42	24.33	24.34	25.05	25.22	24.96
		25	12	25.57	25.59	25.48	24.53	24.52	24.57	25.20	25.23	25.23
		50	0	25.38	25.42	25.37	24.38	24.41	24.43	25.05	25.10	25.03
	QPSK	1	0	24.97	24.97	24.93	23.92	23.90	23.93	24.60	24.57	24.58
		1	1	25.61	25.59	25.55	24.70	24.54	24.55	25.40	25.25	25.39
		1	50	25.70	25.55	25.56	24.69	24.45	24.55	25.36	25.24	24.60
		1	51	24.97	24.82	24.78	23.83	23.79	23.80	24.55	24.51	23.50
		25	12	25.56	25.56	25.58	24.50	24.52	24.57	25.21	25.27	25.25
		50	0	24.88	24.90	24.77	23.84	23.87	23.83	24.52	24.56	24.51
	16QAM	1	0	23.99	23.97	23.83	22.88	23.05	22.93	23.60	23.64	23.55
		1	1	25.03	24.93	24.70	23.92	24.06	23.90	24.67	24.62	24.47
		1	50	24.95	24.85	24.73	23.88	24.01	23.83	24.79	24.70	24.18
		1	51	23.97	23.82	23.72	22.94	23.00	22.73	23.55	23.62	23.10
		25	12	24.91	24.90	24.96	23.81	23.82	23.86	24.49	24.51	24.46
		50	0	23.80	23.92	23.79	22.82	22.84	22.81	23.60	23.52	23.53
	64QAM	1	0	23.25	23.41	23.33	22.47	22.24	22.62	23.01	23.01	22.94
		1	1	23.15	23.35	23.45	22.44	22.24	22.42	23.00	23.01	22.95
		1	50	23.19	23.32	23.24	22.36	22.22	22.40	23.08	23.03	22.74
		1	51	23.24	23.32	23.23	22.32	22.29	22.38	22.96	22.94	22.64
		25	12	23.40	23.37	23.40	22.35	22.34	22.37	22.88	22.98	22.92
		50	0	23.32	23.36	23.34	22.33	22.38	22.23	22.98	23.02	22.95
	256QAM	1	0	21.59	21.49	21.49	20.53	20.37	20.34	21.03	21.25	20.93
		1	1	21.65	21.42	21.35	20.59	20.31	20.38	21.02	21.23	21.02
		1	50	21.63	21.26	21.40	20.55	20.36	20.38	21.05	21.13	20.82
		1	51	21.51	21.26	21.36	20.56	20.11	20.33	20.86	21.24	20.81
		25	12	21.30	21.42	21.38	20.32	20.33	20.34	20.99	20.98	20.94
		50	0	21.27	21.35	21.35	20.30	20.30	20.32	20.94	20.94	20.90

OUTPUT POWER FOR 5G NR n26 (15.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 1			ANT 2			ANT 3		
				166300	167300	168300	166300	167300	168300	166300	167300	168300
15.0	BPSK	1	0	25.43	25.46	25.39	24.36	24.42	24.43	25.11	25.10	25.11
		1	1	25.58	25.60	25.52	24.46	24.55	24.66	25.40	25.27	25.16
		1	77	25.70	25.52	25.55	24.60	24.51	24.70	25.34	25.29	25.25
		1	78	25.42	25.34	25.32	24.37	24.41	24.50	25.08	25.17	24.96
		36	18	25.42	25.40	25.46	24.41	24.40	24.44	25.13	25.12	25.13
		75	0	25.31	25.27	25.32	24.33	24.27	24.31	25.03	24.94	25.04
	QPSK	1	0	24.96	24.86	24.93	23.91	23.98	23.98	24.71	24.56	24.59
		1	1	25.50	25.52	25.61	24.57	24.64	24.64	25.37	25.37	25.18
		1	77	25.67	25.60	25.62	24.63	24.63	24.52	25.22	25.37	24.85
		1	78	24.89	24.89	24.79	23.90	23.88	23.94	24.59	24.57	23.80
		36	18	25.54	25.42	25.46	24.52	24.47	24.52	25.16	25.15	25.19
		75	0	24.86	24.74	24.82	23.84	23.82	23.92	24.48	24.51	24.56
	16QAM	1	0	23.80	23.70	23.88	23.22	22.64	22.99	23.68	23.80	23.32
		1	1	24.69	24.67	24.74	24.13	23.67	23.98	24.52	24.72	24.24
		1	77	24.76	24.59	24.79	24.24	23.72	23.90	24.70	24.90	23.84
		1	78	23.79	23.67	23.85	23.23	22.79	22.99	23.48	23.66	22.72
		36	18	24.79	24.72	24.77	23.79	23.84	23.91	24.45	24.42	24.40
		75	0	23.83	23.75	23.78	22.82	22.81	22.90	23.46	23.47	23.46
	64QAM	1	0	23.52	23.48	23.40	22.22	22.61	22.35	22.79	22.79	23.04
		1	1	23.66	23.33	23.29	22.19	22.36	22.50	22.94	22.78	23.10
		1	77	23.32	23.41	23.14	22.24	22.44	22.28	22.77	22.69	22.63
		1	78	23.45	23.50	23.12	22.31	22.52	22.34	22.78	22.71	22.44
		36	18	23.32	23.27	23.27	22.33	22.40	22.34	22.91	22.82	22.91
		75	0	23.38	23.32	23.33	22.33	22.38	22.37	22.88	22.90	22.91
	256QAM	1	0	21.26	21.67	21.24	20.54	20.56	20.32	20.98	20.95	21.10
		1	1	21.31	21.61	21.45	20.40	20.38	20.39	21.17	20.99	21.03
		1	77	21.24	21.61	21.36	20.60	20.42	20.39	21.07	20.94	20.84
		1	78	21.38	21.59	21.39	20.47	20.42	20.32	20.87	20.94	20.85
		36	18	21.30	21.38	21.31	20.22	20.33	20.24	20.94	20.86	20.90
		75	0	21.29	21.33	21.23	20.27	20.36	20.26	20.98	20.86	20.93

OUTPUT POWER FOR 5G NR n26 (20.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 1			ANT 2			ANT 3		
				166800	167300	167800	166800	167300	167800	166800	167300	167800
20.0	BPSK	1	0	25.40	25.50	25.45	24.36	24.42	24.40	25.12	25.06	25.03
		1	1	25.46	25.51	25.54	24.43	24.52	24.43	25.40	25.30	25.30
		1	104	25.50	25.57	25.64	24.43	24.47	24.34	25.36	25.22	25.27
		1	105	25.32	25.33	25.41	24.25	24.27	24.13	25.08	25.02	24.71
		50	25	25.47	25.43	25.45	24.43	24.38	24.39	25.15	25.13	25.08
		100	0	25.30	25.26	25.29	24.22	24.15	24.21	24.94	24.94	24.89
	QPSK	1	0	25.01	24.92	24.98	23.97	23.94	23.87	24.59	24.57	24.52
		1	1	25.70	25.57	25.53	24.68	24.51	24.49	25.31	25.24	25.28
		1	104	25.69	25.48	25.54	24.70	24.52	24.39	25.24	25.16	24.97
		1	105	24.94	24.67	24.83	23.94	23.83	23.70	24.54	24.42	23.95
		50	25	25.46	25.43	25.52	24.44	24.36	24.40	25.16	25.11	25.11
		100	0	24.74	24.73	24.80	23.74	23.67	23.66	24.42	24.39	24.35
	16QAM	1	0	23.89	23.98	23.95	22.86	22.72	23.04	23.74	23.45	23.62
		1	1	24.70	24.97	24.88	23.62	23.67	23.84	24.76	24.46	24.69
		1	104	24.80	24.94	24.76	23.63	23.58	23.86	24.62	24.55	24.12
		1	105	23.73	23.84	23.79	22.70	22.65	22.94	23.73	23.42	23.12
		50	25	24.73	24.72	24.75	23.64	23.76	23.75	24.46	24.42	24.37
		100	0	23.76	23.69	23.79	22.77	22.76	22.77	23.44	23.39	23.33
	64QAM	1	0	23.34	23.38	23.43	22.48	22.30	22.53	22.95	23.13	23.07
		1	1	23.39	23.33	23.27	22.29	22.36	22.25	22.86	22.96	23.01
		1	104	23.31	23.41	23.27	22.28	22.22	22.31	22.67	22.87	22.19
		1	105	23.18	23.33	23.41	22.27	22.12	22.32	22.65	22.81	22.18
		50	25	23.23	23.16	23.21	22.19	22.14	22.30	22.88	22.84	22.81
		100	0	23.19	23.17	23.20	22.20	22.12	22.23	22.88	22.84	22.86
	256QAM	1	0	21.53	21.62	21.46	20.33	20.65	20.41	20.97	20.92	20.97
		1	1	21.39	21.40	21.39	20.21	20.45	20.32	20.86	20.92	21.16
		1	104	21.37	21.29	21.46	20.14	20.34	20.38	20.72	20.74	20.89
		1	105	21.40	21.32	21.39	20.29	20.41	20.28	20.83	20.76	20.64
		50	25	21.13	21.16	21.11	20.10	20.11	20.14	20.80	20.80	20.76
		100	0	21.16	21.26	21.17	20.14	20.14	20.20	20.84	20.80	20.74

8.9. LTE BAND 30 AND 5G NR n30

LTE BAND 30

Test Engineer ID:	32061	Test Date:	2/7/2023
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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
5.0	QPSK	1	0	25.58	25.51	25.54	23.59	23.55	23.54	23.30	23.13	22.95	22.53	22.55	22.56
		1	12	25.70	25.66	25.68	23.70	23.65	23.69	23.25	23.08	22.88	22.61	22.64	22.67
		1	24	25.63	25.61	25.61	23.56	23.58	23.59	23.01	22.81	22.60	22.48	22.60	22.70
		12	0	24.94	24.90	24.86	22.61	22.57	22.51	22.26	22.04	21.80	21.54	21.53	21.57
		12	6	24.97	24.94	24.96	22.56	22.61	22.55	22.24	22.00	21.73	21.49	21.58	21.63
		12	11	24.95	24.93	24.97	22.53	22.56	22.62	22.12	21.92	21.71	21.46	21.57	21.65
	16QAM	25	0	24.93	24.93	24.96	22.53	22.59	22.53	22.17	21.97	21.71	21.48	21.55	21.61
		1	0	25.09	25.02	25.11	22.82	22.67	22.72	22.66	22.48	22.28	21.92	21.92	21.91
		1	12	25.18	25.15	25.14	22.87	22.80	22.76	22.64	22.45	22.27	22.01	21.96	22.10
		1	24	25.15	25.11	25.08	22.80	22.70	22.77	22.35	22.14	21.96	21.91	21.90	22.09
		12	0	23.98	23.96	23.83	21.63	21.56	21.56	21.23	21.12	20.73	20.58	20.72	20.68
		12	6	24.01	23.99	23.96	21.59	21.60	21.61	21.19	21.07	20.67	20.52	20.75	20.73
	64QAM	12	11	23.98	23.97	23.91	21.56	21.58	21.66	21.09	20.98	20.66	20.49	20.75	20.74
		25	0	23.94	23.96	23.98	21.54	21.61	21.56	21.20	20.95	20.71	20.54	20.60	20.66
		1	0	23.88	23.99	24.08	21.76	21.67	21.65	21.41	21.28	21.11	20.69	20.69	20.79
		1	12	23.93	24.03	24.14	21.78	21.78	21.68	21.36	21.20	20.97	20.66	20.72	20.84
		1	24	23.92	24.00	24.12	21.67	21.75	21.65	21.13	20.90	20.77	20.58	20.67	20.83
		12	0	22.90	22.91	22.88	20.65	20.62	20.56	20.31	20.13	19.87	19.61	19.62	19.66
	256QAM	12	6	22.93	22.98	22.98	20.60	20.67	20.57	20.25	20.06	19.79	19.56	19.65	19.74
		12	11	22.92	22.94	22.94	20.57	20.63	20.62	20.18	19.97	19.78	19.54	19.62	19.71
		25	0	22.90	22.93	22.95	20.54	20.60	20.55	20.24	20.04	19.73	19.55	19.61	19.67
		1	0	20.82	20.91	21.03	18.68	18.65	18.58	18.30	18.18	18.05	17.74	17.67	17.66
		1	12	21.00	21.02	21.00	18.77	18.68	18.80	18.28	18.16	18.02	17.71	17.73	17.80
		1	24	21.02	21.01	20.95	18.60	18.64	18.69	18.11	17.94	17.78	17.63	17.73	17.85

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
10.0	QPSK	1	0	25.63			23.70			23.30			22.61		
		1	24	25.70			23.70			23.03			22.58		
		1	49	25.68			23.69			22.64			22.70		
		25	0	25.01			22.70			22.14			21.60		
		25	12	25.03			22.74			22.06			21.63		
		25	24	25.02			22.72			21.87			21.65		
	16QAM	50	0	25.00			22.73			22.03			21.64		
		1	0	25.14			22.85			22.65			21.96		
		1	24	25.16			22.84			22.31			21.88		
		1	49	25.12			22.84			21.97			22.10		
		25	0	24.03			21.73			21.16			20.61		
		25	12	24.05			21.74			21.07			20.64		
	64QAM	25	24	24.03			21.74			20.88			20.67		
		50	0	24.02			21.72			21.03			20.65		
		1	0	24.09			21.90			21.54			20.82		
		1	24	24.13			21.96			21.29			20.81		
		1	49	24.10			21.93			20.86			20.86		
		25	0	22.99			20.70			20.11			19.59		
	256QAM	25	12	23.01			20.76			20.06			19.63		
		25	24	23.00			20.72			19.84			19.66		
		50	0	22.99			20.71			20.01			19.63		
		1	0	21.03			18.87			18.37			17.69		
		1	24	21.15			18.90			18.16			17.73		
		1	49	21.12			18.86			17.78			17.81		

5G NR n30

Test Engineer ID:	19146	Test Date:	2/12/2023
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OUTPUT POWER FOR 5G NR n30 (5.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				461500	462000	462500	461500	462000	462500	461500	462000	462500	461500	462000	462500
5.0	BPSK	1	0	20.42	20.31	20.33	18.41	18.46	18.36	19.86	19.70	19.66	17.57	17.56	17.51
		1	1	20.70	20.53	20.61	18.59	18.57	18.65	20.00	19.93	19.87	17.62	17.57	17.55
		1	23	20.62	20.56	20.61	18.66	18.56	18.68	19.90	19.89	19.86	17.56	17.58	17.59
		1	24	20.48	20.36	20.43	18.41	18.29	18.44	19.72	19.70	19.66	17.58	17.62	17.58
		12	6	20.52	20.50	20.68	18.63	18.56	18.70	19.90	19.97	19.92	17.70	17.60	17.61
		25	0	25.16	25.01	25.20	23.17	23.13	23.20	23.27	23.30	23.28	22.20	22.20	22.20
	QPSK	1	0	20.11	19.82	19.99	17.72	17.08	17.38	19.14	19.23	19.20	17.40	17.30	17.37
		1	1	20.67	20.58	20.60	18.61	18.02	18.34	19.88	19.85	19.95	17.66	17.68	17.66
		1	23	20.66	20.58	20.70	18.59	17.88	17.90	19.85	19.94	19.94	17.53	17.64	17.68
		1	24	19.99	19.82	20.00	17.82	17.00	17.00	19.23	19.24	19.16	17.38	17.03	17.21
		12	6	20.62	20.62	20.68	18.70	18.69	18.29	19.94	20.00	19.97	17.65	17.68	17.70
		25	0	24.62	24.62	24.74	22.66	22.40	22.40	22.78	22.88	22.87	22.08	22.08	22.03
	16QAM	1	0	19.22	19.43	19.58	17.32	17.55	17.78	18.34	18.48	18.92	16.36	16.58	16.36
		1	1	20.45	20.53	20.64	18.48	18.52	18.64	19.40	19.40	20.00	17.36	17.48	17.33
		1	23	20.45	20.42	20.65	18.39	18.26	18.28	19.41	19.48	19.91	17.30	17.55	17.35
		1	24	19.32	19.41	19.63	17.25	17.31	17.25	18.45	18.50	18.88	16.22	16.49	16.28
		12	6	20.61	20.56	20.70	18.70	18.70	18.63	19.91	19.82	19.83	17.70	17.65	17.68
		25	0	23.52	23.56	23.71	21.68	21.65	21.54	21.82	21.83	21.84	20.99	20.96	21.05
	64QAM	1	0	20.50	20.55	20.66	18.51	18.68	18.47	19.77	19.86	19.94	17.34	17.57	17.69
		1	1	20.68	20.69	20.67	18.48	18.65	18.56	19.81	19.90	20.00	17.49	17.59	17.67
		1	23	20.46	20.65	20.53	18.55	18.70	18.43	19.77	19.91	19.92	17.42	17.58	17.70
		1	24	20.50	20.63	20.57	18.49	18.59	18.37	19.79	19.82	19.89	17.35	17.56	17.67
		12	6	20.59	20.57	20.70	18.57	18.55	18.59	19.90	19.84	19.80	17.52	17.38	17.52
		25	0	23.12	23.05	23.24	21.16	21.22	21.12	21.40	21.39	21.26	20.53	20.59	20.51
	256QAM	1	0	20.33	20.60	20.22	18.58	18.69	18.56	19.77	19.92	19.96	17.63	17.70	17.37
		1	1	20.35	20.58	20.15	18.64	18.70	18.58	19.76	19.90	19.97	17.66	17.70	17.38
		1	23	20.25	20.70	20.14	18.57	18.69	18.53	19.72	19.88	20.00	17.58	17.66	17.39
		1	24	20.22	20.64	20.11	18.52	18.64	18.53	19.69	19.84	19.87	17.61	17.63	17.42
		12	6	20.29	20.26	20.30	18.42	18.38	18.46	19.80	19.86	19.79	17.48	17.35	17.34
		25	0	21.07	21.11	21.17	19.16	19.17	19.20	19.34	19.38	19.28	18.42	18.45	18.42

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		20.54			18.37			19.82			17.63	
		1	50		20.67			18.70			19.98			17.70	
		1	51		20.62			18.70			19.91			17.64	
		25	12		20.43			18.47			19.74			17.62	
		50	0		20.70			18.67			20.00			17.63	
	QPSK	1	0		25.20			23.20			23.25			22.20	
		1	1		19.87			17.99			19.32			17.42	
		1	50		20.69			18.70			20.00			17.70	
		1	51		20.70			18.67			19.99			17.61	
		25	12		19.93			17.81			19.21			17.31	
		50	0		20.56			18.43			19.94			17.69	
	16QAM	1	0		25.10			22.94			23.30			22.15	
		1	1		19.64			17.34			19.03			16.38	
		1	50		20.70			18.42			19.99			17.39	
		1	51		20.67			17.97			20.00			17.28	
		25	12		19.60			17.13			18.91			16.35	
		50	0		20.64			18.70			19.87			17.70	
	64QAM	1	0		24.19			22.03			22.55			21.13	
		1	1		20.58			18.31			19.92			17.56	
		1	50		20.70			18.51			19.88			17.64	
		1	51		20.70			18.48			19.82			17.59	
		25	12		20.53			18.52			19.76			17.63	
		50	0		20.63			18.70			20.00			17.70	
	256QAM	1	0		23.61			21.52			21.97			20.67	
		1	1		20.43			18.55			19.97			17.63	
		1	50		20.64			18.60			20.00			17.70	
		1	51		20.70			18.70			19.90			17.69	
		25	12		20.69			18.60			19.79			17.65	
		50	0		20.45			18.66			19.80			17.61	
						21.53			19.64			18.75			

8.10. LTE BAND 41 AND 5G NR n41

LTE BAND 41

Test Engineer ID:	32061	Test Date:	2/1/2023
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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	24.64	28.60	27.65	27.90	28.67	27.90	23.05	27.97	26.95	26.24	27.70	26.18
		1	12	27.70	28.68	27.70	28.00	28.70	28.00	26.15	28.00	27.00	26.30	27.65	26.30
		1	24	27.63	28.60	27.64	27.92	28.65	27.92	26.20	27.99	26.97	26.21	27.47	26.28
		12	0	23.69	28.66	26.70	27.29	27.74	27.38	22.13	27.34	26.00	25.30	26.68	25.27
		12	6	23.75	28.70	26.76	27.30	27.64	27.34	22.23	27.37	26.05	25.31	26.71	25.35
	16QAM	12	11	26.71	28.65	26.69	27.22	27.66	27.35	25.30	27.30	26.02	25.18	26.59	25.32
		25	0	23.70	28.67	26.72	27.21	27.63	27.35	22.20	27.33	26.01	25.24	26.67	25.30
		1	0	24.16	27.67	27.08	27.61	27.60	27.59	22.64	27.85	26.41	25.60	27.09	25.51
		1	12	27.20	27.70	27.20	27.68	27.70	27.61	25.79	27.85	26.44	25.58	27.13	25.75
		1	24	27.22	27.64	27.14	27.53	27.62	27.59	25.84	27.83	26.50	25.55	26.92	25.69
	64QAM	12	0	22.76	26.24	25.75	26.28	27.20	26.30	21.26	26.44	25.12	24.38	25.67	24.42
		12	6	22.78	26.32	25.82	26.30	27.23	26.33	21.33	26.42	25.10	24.36	25.66	24.44
		12	11	25.78	26.26	25.70	26.26	27.23	26.31	24.44	26.39	25.06	24.27	25.60	24.46
		25	0	22.68	26.27	25.69	26.22	27.14	26.29	21.31	26.36	25.01	24.23	25.69	24.35
		1	0	22.91	26.64	25.88	26.45	26.61	26.45	21.36	26.47	25.10	24.48	25.90	24.29
	256QAM	1	12	25.98	26.70	25.91	26.42	26.70	26.56	24.60	26.64	25.19	24.43	25.91	24.50
		1	24	25.89	26.61	25.89	26.42	26.58	26.49	24.64	26.47	25.19	24.38	25.68	24.47
		12	0	21.66	25.46	24.68	25.29	26.46	25.33	20.33	25.41	24.10	23.28	24.71	23.28
		12	6	21.72	25.49	24.75	25.36	26.37	25.37	20.38	25.43	24.10	23.29	24.71	23.33
		12	11	24.73	25.46	24.74	25.23	26.30	25.33	23.46	25.39	24.10	23.17	24.66	23.35

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	22.70	28.55	27.70	27.95	28.65	27.90	21.07	27.97	26.98	26.19	27.70	26.12
		1	24	27.70	28.61	27.70	28.00	28.70	28.00	26.20	28.00	27.00	26.21	27.61	26.30
		1	49	27.64	28.52	27.69	27.92	28.62	27.95	26.20	27.92	26.96	26.30	27.35	26.30
		25	0	23.79	28.68	26.76	27.34	27.72	27.32	22.19	27.32	26.07	25.24	26.73	25.27
		25	12	26.84	28.70	26.80	27.35	27.68	27.36	25.29	27.33	26.10	25.25	26.69	25.34
	16QAM	25	24	25.68	28.68	26.80	27.26	27.67	27.35	24.20	27.29	26.07	25.18	26.50	25.29
		50	0	23.76	28.66	26.76	27.25	27.63	27.34	22.21	27.30	26.06	25.19	26.63	25.33
		1	0	22.14	27.67	27.06	27.70	27.57	27.63	20.51	27.69	26.39	25.58	27.05	25.52
		1	24	27.08	27.70	27.11	27.69	27.70	27.68	25.62	27.69	26.41	25.53	26.97	25.63
		1	49	27.06	27.62	27.13	27.62	27.58	27.64	25.64	27.58	26.37	25.63	26.75	25.75
	64QAM	25	0	22.83	26.43	25.85	26.34	27.33	26.34	21.26	26.39	25.11	24.24	25.70	24.26
		25	12	25.86	26.44	25.88	26.36	27.28	26.37	24.35	26.43	25.11	24.26	25.65	24.33
		25	24	24.75	26.44	25.83	26.25	27.22	26.37	23.28	26.38	25.09	24.17	25.50	24.29
		50	0	22.78	26.37	25.80	26.24	27.27	26.33	21.26	26.33	25.10	24.20	25.62	24.34
		1	0	20.88	26.67	25.91	26.52	26.57	26.36	19.23	26.58	25.19	24.34	25.86	24.33
	256QAM	1	24	26.03	26.70	25.97	26.39	26.70	26.43	24.51	26.51	25.28	24.31	25.70	24.48
		1	49	25.86	26.57	25.93	26.44	26.57	26.41	24.49	26.53	25.19	24.46	25.54	24.55
		25	0	21.76	25.58	24.80	25.32	26.45	25.33	20.26	25.39	24.09	23.23	24.70	23.33
		25	12	24.87	25.59	24.87	25.36	26.41	25.36	23.33	25.41	24.11	23.26	24.66	23.41
		25	24	23.70	25.57	24.84	25.24	26.36	25.37	22.26	25.36	24.11	23.19	24.47	23.34

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	22.66	28.56	27.65	27.93	28.61	27.85	20.98	27.95	26.87	25.84	27.70	26.14
		1	37	27.70	28.58	27.68	28.00	28.59	27.96	26.20	27.88	26.86	25.85	27.56	26.12
		1	74	27.53	28.63	27.70	27.87	28.70	28.00	26.15	28.00	27.00	26.30	27.34	26.30
		36	0	22.72	28.70	26.76	27.31	27.85	27.32	21.11	27.29	25.98	24.88	26.74	25.16
		36	16	26.66	28.70	26.76	27.34	27.74	27.32	25.11	27.29	25.97	24.96	26.63	25.17
		36	35	23.61	28.70	26.77	27.21	27.78	27.25	22.13	27.27	25.97	25.05	26.45	25.13
		75	0	22.61	28.68	26.75	27.25	27.77	27.32	21.07	27.26	25.95	24.97	26.62	25.19
	16QAM	1	0	22.03	27.66	27.04	27.72	27.58	27.64	20.36	27.59	26.23	25.33	27.13	25.59
		1	37	27.10	27.68	27.06	27.75	27.63	27.70	25.51	27.52	26.21	25.33	26.90	25.53
		1	74	27.01	27.70	27.07	27.58	27.70	27.72	25.56	27.57	26.38	25.64	26.82	25.70
		36	0	21.73	26.40	25.77	26.38	27.35	26.36	20.12	26.31	24.97	23.92	25.77	24.20
		36	16	25.70	26.39	25.79	26.38	27.38	26.35	24.13	26.33	25.00	24.00	25.65	24.20
		36	35	22.64	26.38	25.81	26.25	27.31	26.30	21.14	26.32	25.00	24.07	25.47	24.17
		75	0	21.65	26.37	25.76	26.28	27.26	26.35	20.12	26.28	24.99	23.98	25.65	24.22
	64QAM	1	0	20.98	26.68	25.94	26.36	26.66	26.36	19.15	26.39	25.07	23.91	25.88	24.53
		1	37	25.89	26.55	25.70	26.54	26.67	26.41	24.28	26.35	25.16	24.06	25.49	24.52
		1	74	25.89	26.70	25.93	26.32	26.70	26.60	24.39	26.29	25.21	24.48	25.65	24.68
		36	0	20.72	25.51	24.74	25.35	26.53	25.32	19.12	25.31	23.98	22.85	24.74	23.23
		36	16	24.69	25.54	24.77	25.35	26.55	25.35	23.18	25.30	23.97	22.95	24.66	23.26
		36	35	21.63	25.52	24.79	25.28	26.50	25.27	20.17	25.27	24.00	23.03	24.45	23.22
		75	0	20.61	25.54	24.76	25.28	26.46	25.34	19.17	25.27	23.99	22.95	24.64	23.26
	256QAM	1	0	17.78	23.58	22.79	23.60	23.58	23.47	16.19	23.49	22.03	20.97	22.75	21.33
		1	37	22.79	23.70	22.94	23.44	23.67	23.43	21.12	23.36	21.99	21.06	22.66	21.16
		1	74	22.76	23.47	22.76	23.39	23.70	23.34	21.23	23.43	22.01	21.52	22.37	21.34
		36	0	18.72	23.61	22.75	23.34	23.61	23.31	17.15	23.32	21.99	20.87	22.72	21.24
		36	16	22.64	23.60	22.75	23.36	23.64	23.34	21.12	23.29	21.99	20.95	22.63	21.23
		36	35	19.62	23.61	22.75	23.25	23.56	23.27	18.15	23.28	21.97	21.04	22.47	21.21
		75	0	18.70	23.60	22.75	23.28	23.56	23.34	17.18	23.31	21.98	20.96	22.61	21.24

OUTPUT POWER FOR LTE BAND 41 (20.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				39750	40620	41490	39750	40620	41490	39750	40620	41490	39750	40620	41490
20.0	QPSK	1	0	22.74	28.65	27.69	28.00	28.70	27.98	21.03	28.00	26.93	25.75	27.70	26.30
		1	49	27.70	28.63	27.66	28.00	28.70	27.90	26.15	27.92	26.92	25.95	27.52	26.06
		1	99	27.66	28.67	27.70	27.98	28.60	28.00	26.20	27.93	27.00	26.30	27.35	26.26
		50	0	22.72	28.69	26.70	27.38	27.65	27.34	21.16	27.30	25.97	24.89	26.76	25.21
		50	24	26.69	28.70	26.74	27.31	27.63	27.37	25.17	27.29	25.98	25.05	26.66	25.19
		50	49	23.62	28.62	26.64	27.26	27.61	27.33	22.17	27.26	25.98	25.29	26.45	25.15
		100	0	22.64	28.69	26.72	27.27	27.63	27.37	21.12	27.25	25.96	25.04	26.64	25.22
	16QAM	1	0	22.07	27.29	27.08	27.73	27.51	27.68	20.45	27.61	26.28	25.25	27.15	25.73
		1	49	27.53	27.70	27.33	27.75	27.57	27.68	25.92	27.81	26.36	25.40	26.94	25.70
		1	99	27.04	27.35	26.95	27.57	27.70	27.60	25.61	27.58	26.42	25.67	26.73	25.63
		50	0	21.74	26.02	25.72	26.41	27.23	26.33	20.17	26.30	24.98	23.93	25.76	24.25
		50	24	25.69	26.05	25.72	26.33	27.22	26.39	24.17	26.29	25.01	24.06	25.68	24.21
		50	49	22.62	25.97	25.66	26.28	27.23	26.30	21.16	26.28	24.99	24.30	25.45	24.15
		100	0	21.66	26.01	25.72	26.31	27.18	26.35	20.14	26.26	24.97	24.07	25.66	24.21
	64QAM	1	0	20.90	26.58	25.89	26.39	26.63	26.44	19.14	26.52	25.32	23.96	25.77	24.55
		1	49	26.02	26.54	25.86	26.38	26.60	26.37	24.45	26.44	25.07	24.20	25.64	24.23
		1	99	25.62	26.70	25.85	26.33	26.70	26.49	24.36	26.45	25.25	24.48	25.50	24.42
		50	0	20.74	25.52	24.69	25.36	26.51	25.31	19.15	25.27	23.97	22.85	24.68	23.14
		50	24	24.66	25.53	24.72	25.31	26.47	25.31	23.19	25.28	24.00	23.02	24.60	23.10
		50	49	21.62	25.44	24.64	25.27	26.49	25.26	20.19	25.25	23.97	23.29	24.37	23.06
		100	0	20.64	25.52	24.69	25.28	26.43	25.32	19.20	25.25	23.98	23.03	24.57	23.15
	256QAM	1	0	17.85	23.59	22.70	23.64	23.54	23.53	16.28	23.39	22.24	21.15	22.84	21.48
		1	49	22.90	23.57	22.69	23.49	23.70	23.48	21.36	23.44	22.14	21.18	22.76	21.26
		1	99	22.79	23.70	22.84	23.57	23.69	23.57	21.37	23.48	22.10	21.67	22.43	21.42
		50	0	18.75	23.52	22.65	23.35	23.48	23.30	17.17	23.29	21.96	20.85	22.67	21.13
		50	24	22.66	23.55	22.71	23.30	23.47	23.33	21.15	23.30	21.98	20.99	22.58	21.08
		50	49	19.63	23.44	22.65	23.27	23.45	23.27	18.19	23.22	21.95	21.26	22.37	21.03
		100	0	18.70	23.52	22.69	23.26	23.44	23.31	17.18	23.27	21.98	21.02	22.57	21.12

5G NR n41

Test Engineer ID:	19146	Test Date:	2/15/2023
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OUTPUT POWER FOR 5G NR n41 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 2			ANT 1			ANT 4			ANT 3		
				500200	518600	537000	500200	518600	537000	500200	518600	537000	500200	518600	537000
10.0	BPSK	1	0	22.24	25.17	24.53	21.94	25.28	24.12	20.36	24.06	22.73	19.99	24.54	23.35
		1	1	22.22	28.28	28.00	21.91	28.53	27.70	20.50	27.70	26.30	20.02	27.90	27.00
		1	22	28.00	28.70	27.43	26.51	28.70	27.45	26.30	27.67	25.87	26.16	27.90	26.55
		1	23	24.28	25.36	24.47	24.15	25.37	24.18	22.69	24.39	22.65	22.68	24.69	23.49
		12	6	24.29	28.55	27.72	23.97	28.52	27.58	22.55	27.51	26.12	22.44	27.86	26.89
		24	0	24.21	28.45	27.53	23.93	28.52	27.23	22.55	27.34	25.68	22.40	27.58	26.56
	QPSK	1	0	21.65	25.27	24.42	21.46	25.20	24.06	19.97	24.19	22.55	19.55	24.75	23.47
		1	1	21.78	28.62	27.62	21.45	28.60	27.48	19.92	27.47	26.29	19.56	27.99	26.68
		1	22	27.94	28.65	27.33	27.70	28.60	27.25	26.29	27.01	26.21	26.20	28.00	26.07
		1	23	24.35	25.38	24.50	24.09	25.27	24.08	22.68	24.15	22.46	22.68	24.75	23.47
		12	6	23.28	28.55	27.59	23.00	28.50	27.34	21.51	27.41	26.17	21.49	27.83	26.08
		24	0	23.37	27.93	26.89	23.04	27.88	26.68	21.48	26.71	25.14	21.37	27.16	25.32
	16QAM	1	0	21.79	25.31	24.59	21.37	25.56	24.07	19.75	24.15	22.53	19.63	25.06	23.67
		1	1	21.75	28.10	26.36	21.35	27.94	26.64	19.74	26.60	24.98	19.53	27.55	25.89
		1	22	26.89	28.01	26.58	26.49	28.04	26.56	25.15	26.72	25.03	25.19	27.41	24.99
		1	23	24.28	25.62	24.27	23.91	25.50	24.03	22.59	24.15	22.53	22.71	24.86	23.42
		12	6	22.66	27.77	26.75	22.50	27.89	26.53	21.10	26.83	25.08	20.86	27.18	25.26
		24	0	22.85	27.85	25.97	22.50	26.86	25.72	21.06	25.67	24.03	20.90	26.14	24.49
	64QAM	1	0	21.21	25.27	24.42	21.23	25.20	24.17	19.44	24.16	22.68	18.89	24.49	23.43
		1	1	21.24	26.40	25.66	21.13	26.18	25.09	19.42	25.19	23.52	18.72	25.61	24.46
		1	22	25.28	26.36	25.57	25.19	26.35	25.19	23.70	25.25	23.82	23.62	25.55	23.87
		1	23	24.24	25.34	24.44	24.09	25.10	24.04	22.62	24.17	22.65	22.47	24.43	23.41
		12	6	22.77	26.44	25.49	22.57	26.32	25.11	20.97	25.13	23.58	21.03	25.68	24.15
		24	0	22.78	26.31	25.46	22.44	26.33	25.02	21.01	25.22	23.55	21.10	25.64	24.15
	256QAM	1	0	19.12	24.54	23.63	19.83	24.13	23.22	17.91	23.46	21.51	17.59	23.55	22.22
		1	1	19.20	24.43	23.68	19.94	24.27	23.17	17.98	23.36	21.58	17.68	23.35	22.34
		1	22	23.16	24.44	23.61	23.44	24.21	22.91	21.73	23.44	21.49	21.75	23.25	22.12
		1	23	23.07	24.37	23.71	23.47	24.21	23.08	21.74	23.48	21.60	21.70	23.39	22.08
		12	6	21.24	24.24	23.48	20.96	24.28	23.03	19.51	23.16	21.65	19.43	23.54	22.43
		24	0	21.18	24.29	23.36	20.97	24.28	23.05	19.53	23.26	21.75	19.39	23.59	22.40

OUTPUT POWER FOR 5G NR n41 (15.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 2			ANT 1			ANT 4			ANT 3		
				500700	518600	536500	500700	518600	536500	500700	518600	536500	500700	518600	536500
15.0	BPSK	1	0	22.23	25.36	24.73	21.79	25.31	24.02	20.33	24.02	22.51	20.07	24.97	23.47
		1	1	22.22	28.70	28.00	22.06	28.67	27.70	20.38	27.67	26.17	20.12	27.84	27.00
		1	36	27.83	28.65	27.93	27.69	28.69	27.15	26.30	27.70	26.30	26.20	27.92	26.95
		1	37	24.19	25.41	24.86	24.07	25.37	24.12	22.68	24.11	22.58	22.61	25.03	23.31
		18	9	24.27	28.57	27.29	23.91	28.70	27.47	22.60	27.58	26.03	22.45	27.94	26.99
		36	0	24.29	28.26	27.45	24.02	28.43	27.22	22.61	27.23	25.61	22.21	27.96	26.52
	QPSK	1	0	21.75	25.22	25.02	21.61	25.39	24.17	20.03	24.11	22.48	19.38	25.05	23.44
		1	1	21.71	28.68	27.95	21.50	28.63	23.73	19.97	27.51	25.97	19.44	28.00	26.92
		1	36	28.00	28.24	27.71	27.70	28.65	26.84	26.30	27.53	25.77	26.00	27.95	26.15
		1	37	24.42	25.27	25.03	24.25	25.43	24.15	22.84	24.06	22.58	22.51	25.03	23.34
		18	9	23.09	28.45	27.39	22.98	28.64	26.84	21.67	27.60	25.87	21.24	27.82	26.00
		36	0	23.25	27.82	27.13	23.02	27.69	26.63	21.57	26.74	25.06	21.15	27.38	25.79
	16QAM	1	0	21.49	25.33	25.47	21.35	24.85	24.24	19.95	24.24	22.64	19.46	24.96	23.43
		1	1	21.45	24.81	26.97	21.49	27.48	26.77	20.00	26.75	25.18	19.39	27.48	25.60
		1	36	26.66	27.85	27.36	26.63	27.57	26.29	25.39	26.74	25.12	24.95	27.32	25.17
		1	37	24.18	25.38	25.57	24.18	24.84	24.03	22.84	24.25	22.80	22.63	24.94	23.25
		18	9	22.83	27.72	26.89	22.63	27.69	26.50	21.12	26.58	25.05	20.63	27.40	25.84
		36	0	22.71	26.79	26.33	22.50	26.57	25.51	21.05	25.64	24.07	20.65	26.36	24.72
	64QAM	1	0	21.25	25.28	25.11	20.96	25.74	24.14	19.45	23.84	22.68	18.81	24.79	23.72
		1	1	21.23	26.35	26.10	21.08	24.58	25.32	19.30	24.95	23.74	18.82	25.90	24.44
		1	36	25.36	26.33	26.13	25.00	26.55	25.11	23.69	24.86	23.72	23.19	25.91	24.11
		1	37	24.37	25.53	25.12	24.12	25.53	24.44	22.78	23.94	22.73	22.49	24.84	23.42
		18	9	22.68	14.24	25.91	22.51	26.29	25.10	21.04	25.05	23.51	20.77	25.93	24.38
		36	0	22.65	26.16	25.78	22.45	26.23	25.05	21.09	25.00	23.53	20.63	26.00	24.35
	256QAM	1	0	19.96	24.88	23.84	19.22	24.33	22.92	17.89	23.17	21.63	17.31	24.16	22.80
		1	1	19.86	24.98	23.88	19.27	24.30	23.08	18.10	23.12	21.82	17.26	24.10	22.48
		1	36	23.55	25.02	23.91	22.78	24.36	23.03	21.94	23.43	21.90	21.26	24.01	22.56
		1	37	23.62	24.98	23.77	23.02	24.42	22.96	21.81	23.28	21.78	21.07	24.02	22.78
		18	9	21.25	24.31	23.70	20.97	24.31	23.03	19.56	23.11	21.51	19.23	23.95	22.58
		36	0	23.62	24.29	23.87	20.97	24.25	23.00	19.50	23.13	21.58	19.18	24.02	22.47

OUTPUT POWER FOR 5G NR n41 (20.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 2			ANT 1			ANT 4			ANT 3		
				501200	518600	536000	501200	518600	536000	501200	518600	536000	501200	518600	536000
20.0	BPSK	1	0	23.31	26.51	24.54	22.36	25.46	24.21	20.54	24.32	22.58	20.25	24.70	23.72
		1	1	23.39	28.70	27.90	22.29	28.68	27.55	20.69	27.60	26.30	20.29	27.95	26.87
		1	49	28.00	28.31	28.00	27.55	28.54	27.70	26.30	27.70	25.90	26.04	28.00	26.99
		1	50	25.41	26.63	24.60	24.40	25.49	24.37	23.18	24.36	22.76	22.86	24.69	23.63
		25	12	25.30	28.26	27.92	24.35	28.70	27.49	22.80	27.68	26.15	22.62	27.89	26.95
		50	0	25.37	27.91	27.57	24.32	28.54	27.39	22.82	27.42	25.63	22.62	27.74	26.78
	QPSK	1	0	22.80	26.57	24.59	21.85	25.31	24.18	19.93	24.28	22.52	19.75	24.68	23.73
		1	1	22.79	27.69	27.78	21.81	28.47	27.56	20.08	27.52	26.03	19.85	27.84	27.00
		1	49	26.95	27.48	27.07	27.70	28.24	27.26	26.23	27.57	25.51	26.20	27.82	26.61
		1	50	25.46	26.58	24.56	24.45	25.30	24.22	23.01	24.42	22.61	22.82	24.63	23.82
		25	12	24.31	27.46	27.48	23.31	28.03	26.99	21.73	27.59	26.08	21.63	27.50	26.61
		50	0	24.38	26.74	26.93	23.24	27.58	26.58	21.69	26.84	25.05	21.74	26.89	26.26
	16QAM	1	0	22.94	26.17	24.40	21.74	25.73	24.47	21.08	24.14	22.56	20.04	24.68	23.66
		1	1	22.79	27.14	27.48	21.60	27.98	26.89	20.66	26.95	25.05	20.02	27.11	26.40
		1	49	26.16	26.93	26.67	26.94	27.93	26.24	25.73	27.22	25.41	25.60	27.11	25.73
		1	50	25.29	26.07	24.75	24.26	25.73	24.40	23.03	24.55	22.75	22.97	24.61	23.70
		25	12	23.77	26.64	26.99	22.73	27.28	26.49	21.45	26.93	25.13	21.15	26.82	26.18
		50	0	23.92	25.92	26.16	22.71	26.47	25.67	21.38	25.95	24.20	21.11	26.03	25.31
	64QAM	1	0	22.09	25.66	24.42	21.38	25.59	24.30	19.29	23.89	22.64	18.96	24.47	23.84
		1	1	22.11	25.75	25.35	21.40	26.27	25.33	19.20	25.10	23.77	19.00	25.44	24.84
		1	49	24.72	25.52	25.64	25.45	26.19	24.99	23.92	25.23	23.69	23.50	25.30	24.53
		1	50	24.71	25.54	24.97	24.28	25.51	24.28	22.62	24.40	23.01	22.50	24.47	23.67
		25	12	23.79	25.57	25.67	22.64	26.06	25.26	21.43	25.45	23.59	21.11	25.57	24.73
		50	0	23.84	25.63	25.61	22.66	26.04	25.27	21.46	25.43	23.65	21.02	25.62	24.73
	256QAM	1	0	20.70	24.50	23.65	19.81	24.08	23.06	18.24	22.96	21.87	17.75	23.91	22.74
		1	1	20.75	24.67	23.37	19.77	24.18	23.40	18.56	23.67	22.28	17.82	23.90	22.71
		1	49	23.57	24.50	23.78	23.25	24.11	23.36	22.25	23.47	21.94	22.07	23.71	22.78
		1	50	23.63	24.71	23.63	23.24	24.16	23.30	22.19	23.32	21.72	21.85	23.77	22.76
		25	12	22.31	24.35	23.55	21.31	24.36	23.22	19.91	23.26	21.55	19.61	23.63	22.72
		50	0	22.27	24.40	23.61	21.30	24.36	23.29	19.88	23.33	21.64	19.62	23.61	22.67

OUTPUT POWER FOR 5G NR n41 (30.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 2			ANT 1			ANT 4			ANT 3		
				502200	518600	525000	502200	518600	525000	502200	518600	525000	502200	518600	525000
30.0	BPSK	1	0	23.75	26.44	24.58	22.34	25.32	24.38	20.22	24.26	22.58	20.38	24.66	23.68
		1	1	23.85	28.70	27.96	22.35	28.70	27.70	20.41	27.46	26.30	20.33	27.89	27.00
		1	76	28.00	28.12	27.99	27.70	28.65	27.67	26.06	27.70	25.90	26.15	28.00	26.85
		1	77	26.02	26.63	24.88	24.46	25.50	24.48	22.86	24.43	22.76	22.95	24.60	23.68
		36	18	25.81	28.16	27.94	24.35	28.66	27.69	22.67	27.44	26.15	22.79	27.76	26.92
		75	0	25.84	27.78	27.68	24.40	28.40	27.57	22.75	27.30	25.63	22.73	27.63	26.80
	QPSK	1	0	23.25	26.59	24.68	21.86	25.43	24.30	19.89	24.21	22.52	19.80	24.58	23.65
		1	1	23.33	27.81	28.00	21.81	28.27	27.66	19.79	27.51	26.03	19.86	27.50	26.97
		1	76	27.07	27.29	27.42	27.59	27.95	27.11	26.30	27.61	25.51	26.20	27.41	26.30
		1	77	25.96	26.43	24.77	24.45	25.56	24.56	23.00	24.29	22.61	23.05	24.62	23.71
		36	18	24.74	27.35	27.59	23.39	28.04	27.27	21.73	27.56	26.08	21.72	27.49	26.96
		75	0	24.81	26.54	27.06	23.34	27.13	26.60	21.67	26.76	25.05	21.71	26.56	26.16
	16QAM	1	0	23.30	25.91	24.99	21.79	25.26	24.40	19.85	24.40	22.56	19.61	24.35	23.75
		1	1	23.37	26.82	27.47	21.67	27.25	26.99	19.61	27.16	25.05	19.65	26.58	26.21
		1	76	26.37	26.46	27.02	26.81	27.01	26.33	25.06	27.26	25.41	25.51	26.66	25.55
		1	77	25.49	25.54	24.94	24.14	25.35	24.63	22.89	24.96	22.75	22.93	24.47	23.72
		36	18	24.21	26.59	27.07	22.75	27.28	26.75	21.18	26.79	25.13	21.24	26.66	26.27
		75	0	24.20	25.78	26.20	22.79	26.24	25.85	21.10	25.88	24.20	21.25	25.75	25.26
	64QAM	1	0	22.62	25.73	24.84	21.59	25.17	24.12	19.09	24.02	22.64	19.27	24.41	23.49
		1	1	22.66	25.53	25.44	21.65	26.03	25.31	19.37	25.21	23.77	19.25	25.26	24.56
		1	76	25.02	25.30	25.63	25.43	25.55	24.90	24.16	25.09	23.69	24.03	25.49	24.28
		1	77	24.97	25.25	24.36	24.59	25.33	24.36	23.51	24.17	23.01	22.95	24.44	23.55
		36	18	24.33	25.37	25.70	22.77	25.88	25.45	21.16	25.26	23.59	21.16	25.30	24.63
		75	0	24.37	25.49	25.70	22.87	25.82	25.40	21.09	25.22	23.65	21.23	25.35	24.71
	256QAM	1	0	21.50	24.25	23.61	19.70	24.27	23.04	17.91	23.46	21.87	17.91	23.64	22.98
		1	1	21.39	24.31	23.56	19.68	24.20	23.33	17.97	23.40	22.28	18.04	23.55	22.87
		1	76	23.96	24.30	23.68	23.23	24.31	23.46	21.44	23.13	21.94	22.01	23.58	22.99
		1	77	23.97	24.02	23.62	23.16	24.28	23.32	21.88	23.63	21.72	22.04	23.74	22.90
		36	18	22.76	24.21	23.70	21.34	24.25	23.43	19.54	23.17	21.55	19.68	23.49	22.61
		75	0	22.75	24.22	23.75	21.31	24.27	23.38	19.67	23.39	21.64	19.72	23.52	22.62

OUTPUT POWER FOR 5G NR n41 (40.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 2			ANT 1			ANT 4			ANT 3		
				503200	518600	534000	503200	518600	534000	503200	518600	534000	503200	518600	534000
40.0	BPSK	1	0	23.69	26.44	25.44	22.31	25.26	24.32	20.35	24.48	23.26	20.34	24.88	23.58
		1	1	23.51	28.70	27.94	22.32	28.70	27.70	20.61	27.68	26.30	20.43	27.96	27.00
		1	104	28.00	28.01	27.67	27.70	28.26	27.53	26.30	27.67	25.12	26.20	28.00	26.76
		1	105	25.60	26.50	25.54	24.39	25.39	24.39	22.99	24.53	23.32	22.94	24.78	23.68
		50	25	25.45	27.76	27.95	24.17	28.40	27.60	23.05	27.60	25.84	22.70	27.83	26.84
		100	0	25.49	27.58	28.00	24.24	28.15	27.43	23.01	27.36	25.49	22.74	27.74	26.69
	QPSK	1	0	22.95	26.45	25.33	21.63	25.28	24.42	20.02	24.31	23.26	19.77	24.85	23.65
		1	1	23.11	27.56	27.91	21.75	27.95	27.70	20.13	27.70	25.58	19.85	27.89	26.85
		1	104	27.09	26.99	27.45	27.57	27.45	27.04	26.16	27.28	24.61	26.16	27.60	26.32
		1	105	25.65	26.18	25.41	24.30	25.25	24.43	23.15	24.47	23.47	22.99	24.79	23.69
		50	25	24.41	27.08	27.89	23.18	27.64	27.29	22.01	27.56	25.37	21.82	27.54	26.83
		100	0	24.38	26.35	27.34	23.32	26.95	26.60	21.98	26.88	24.74	21.77	26.75	26.18
	16QAM	1	0	22.75	25.63	25.88	21.75	25.36	24.19	20.12	24.22	23.18	19.99	24.91	23.65
		1	1	22.91	26.47	27.64	21.94	27.34	26.56	20.35	27.09	24.95	20.06	26.98	26.17
		1	104	26.34	25.99	26.96	26.59	26.79	26.08	25.60	27.12	24.14	25.70	26.80	25.63
		1	105	25.51	25.19	25.22	24.54	25.41	24.39	22.98	24.81	23.37	23.24	24.84	23.73
		50	25	23.85	26.39	27.38	22.76	26.83	26.63	21.43	26.83	25.02	21.34	26.86	26.13
		100	0	24.03	25.63	26.79	22.75	25.97	25.76	21.29	26.01	24.35	21.23	25.89	25.10
	64QAM	1	0	22.69	25.37	25.65	21.12	25.10	24.30	19.44	24.14	23.41	19.00	24.76	23.92
		1	1	22.63	25.28	26.25	21.27	25.79	25.36	19.56	25.38	24.39	18.93	25.39	24.72
		1	104	25.24	24.88	26.06	25.31	25.51	25.23	23.32	25.57	23.78	23.56	25.48	24.62
		1	105	25.17	24.88	25.62	24.27	25.12	24.40	22.50	24.04	23.43	22.67	24.57	23.77
		50	25	23.85	25.26	26.41	22.74	25.56	25.23	21.40	25.40	24.07	21.24	25.54	24.62
		100	0	23.95	25.33	26.40	22.73	25.64	25.32	21.41	25.41	24.06	21.27	25.39	24.62
	256QAM	1	0	20.78	24.17	24.58	19.58	24.44	23.36	18.58	23.52	22.49	17.80	23.71	22.40
		1	1	20.80	24.19	24.15	19.65	24.45	23.48	18.20	23.64	22.58	17.77	23.52	22.42
		1	104	23.61	23.80	24.00	23.24	24.18	23.30	21.97	23.70	22.52	21.82	23.71	22.44
		1	105	23.47	23.64	24.23	23.34	24.31	23.35	22.19	23.54	22.58	21.86	23.60	22.46
		50	25	22.39	23.99	24.39	21.19	24.11	23.27	19.81	23.07	22.28	19.71	23.60	22.52
		100	0	22.38	24.08	24.46	21.27	24.16	23.29	19.79	23.33	22.21	19.66	23.65	22.56

OUTPUT POWER FOR 5G NR n41 (50.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 2			ANT 1			ANT 4			ANT 3		
				504200	518600	533000	504200	518600	533000	504200	518600	533000	504200	518600	533000
50.0	BPSK	1	0	22.82	26.36	26.01	22.42	25.34	24.20	20.34	24.16	23.36	20.18	24.74	23.71
		1	1	23.05	28.70	28.00	22.34	28.70	27.68	20.39	27.55	26.30	20.44	28.00	26.96
		1	131	28.00	28.51	26.71	27.70	28.29	27.37	26.30	27.70	25.32	26.20	27.95	26.64
		1	132	25.12	26.49	26.49	24.69	25.42	24.43	22.92	24.51	23.53	22.99	24.66	23.67
		64	32	24.96	28.68	27.16	24.40	28.67	27.61	22.96	27.46	26.09	22.87	27.87	27.00
		128	0	24.96	28.38	26.84	24.44	28.45	27.44	22.87	27.39	25.69	22.82	27.59	26.67
	QPSK	1	0	22.37	26.54	26.14	21.98	25.50	24.27	19.87	24.12	23.44	19.81	24.68	23.83
		1	1	22.48	28.52	27.18	21.97	28.34	27.70	20.18	27.51	25.65	19.92	27.53	26.79
		1	131	27.89	27.73	25.97	27.53	27.95	27.01	26.08	27.44	24.90	26.08	27.24	26.13
		1	132	25.15	26.52	25.29	24.42	25.56	24.43	23.04	24.44	23.73	22.92	24.81	23.74
		64	32	24.05	27.92	26.51	23.51	28.00	27.57	21.97	27.59	25.60	21.90	27.61	26.98
		128	0	24.02	27.25	25.86	23.44	27.17	26.55	21.89	26.84	24.97	21.86	26.55	25.89
	16QAM	1	0	22.48	26.08	25.83	22.04	25.59	24.04	19.90	24.36	23.36	20.05	24.54	24.19
		1	1	22.43	27.63	26.70	22.06	27.65	26.65	20.32	27.16	25.32	19.98	26.60	26.25
		1	131	27.22	26.81	25.40	27.06	27.10	26.12	25.84	27.07	24.48	25.43	26.41	25.69
		1	132	25.11	26.07	24.64	24.55	25.55	24.25	23.14	24.76	23.83	23.04	24.35	23.85
		64	32	23.53	27.23	25.82	23.07	27.25	26.65	21.43	26.85	25.17	21.43	26.81	26.30
		128	0	23.50	26.52	25.13	23.03	26.29	25.76	21.33	25.83	24.51	21.36	25.68	25.09
	64QAM	1	0	21.74	26.15	25.51	21.39	25.28	24.09	19.22	24.55	23.23	19.07	24.61	23.85
		1	1	21.88	26.42	25.60	21.29	26.22	25.04	19.43	25.33	24.45	19.44	25.22	24.53
		1	131	25.82	25.88	24.40	25.54	25.81	24.95	23.97	25.42	23.89	23.93	24.83	24.42
		1	132	24.68	25.79	24.13	24.35	25.40	24.13	23.07	24.49	23.80	22.89	24.55	23.62
		64	32	23.44	26.19	24.85	23.01	25.84	25.34	21.39	25.25	24.34	21.41	25.49	24.71
		128	0	23.51	26.32	24.95	22.92	25.86	25.26	21.20	25.42	24.32	21.33	25.31	24.66
	256QAM	1	0	20.48	25.20	24.21	20.57	24.22	23.09	18.04	23.12	22.65	18.00	23.73	22.88
		1	1	20.51	25.48	24.29	20.08	24.47	23.26	17.18	23.29	22.93	18.12	23.74	22.84
		1	131	23.97	24.83	22.96	23.31	24.27	23.19	22.42	24.01	22.92	22.04	23.69	22.85
		1	132	24.13	24.76	23.28	24.01	24.35	23.19	21.91	23.67	22.95	22.33	23.62	22.90
		64	32	21.99	25.08	23.64	21.40	24.31	23.18	19.96	23.36	22.49	19.84	23.66	22.74
		128	0	21.97	25.14	23.70	21.42	24.39	23.20	19.85	23.35	22.53	19.82	23.63	22.72

OUTPUT POWER FOR 5G NR n41 (60.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 2			ANT 1			ANT 4			ANT 3		
				505200	518600	532000	505200	518600	532000	505200	518600	532000	505200	518600	532000
60.0	BPSK	1	0	22.99	26.39	25.83	22.35	25.26	25.15	20.42	24.17	23.00	20.37	24.71	24.73
		1	1	23.07	28.55	28.00	22.28	28.57	27.59	20.85	27.70	26.30	20.48	28.00	27.00
		1	160	27.96	28.48	26.59	27.64	28.30	27.43	26.30	27.55	25.10	26.16	27.93	26.61
		1	161	25.06	26.57	26.24	24.47	25.33	25.39	23.06	24.34	23.30	23.03	24.65	24.73
		81	40	25.12	28.64	27.13	24.47	28.57	27.70	23.15	27.44	25.86	23.00	27.96	26.96
		162	0	25.12	28.36	26.84	24.51	28.52	27.64	23.11	27.32	25.46	22.97	27.82	26.98
	QPSK	1	0	22.36	26.47	26.00	21.93	25.26	25.28	20.09	24.04	23.01	19.64	24.88	24.71
		1	1	22.49	28.70	27.16	22.01	28.70	27.64	20.23	27.44	25.44	19.80	27.91	26.95
		1	160	28.00	27.74	25.85	27.70	28.20	27.17	26.27	27.15	24.53	26.20	27.55	26.47
		1	161	25.18	26.62	25.10	24.47	25.29	25.42	23.02	24.31	23.30	22.98	24.70	24.68
		81	40	24.08	27.89	26.43	23.47	27.85	27.58	22.04	27.42	25.40	22.08	27.44	26.99
		162	0	24.09	27.27	25.82	23.48	27.42	27.10	21.98	26.81	24.70	21.97	26.58	26.02
	16QAM	1	0	21.75	26.23	25.37	21.87	25.42	25.29	20.23	24.15	22.96	19.60	25.09	24.85
		1	1	22.32	27.73	26.38	21.89	27.66	27.43	20.51	26.64	24.81	19.43	27.04	26.58
		1	160	27.09	26.71	24.88	27.16	27.28	26.59	25.47	26.83	23.90	25.12	26.51	25.67
		1	161	24.80	26.21	24.43	24.70	25.35	25.31	23.22	24.22	22.79	22.79	24.83	25.10
		81	40	23.57	27.20	25.88	23.05	27.18	26.66	21.68	26.79	24.91	21.55	26.83	26.11
		162	0	23.56	26.54	25.20	23.07	26.40	25.90	21.55	25.73	24.24	21.50	25.82	25.13
	64QAM	1	0	21.87	26.23	25.44	21.16	25.01	25.06	19.47	23.98	23.34	19.45	24.46	24.50
		1	1	21.74	26.74	25.36	21.14	26.33	25.67	19.45	25.18	23.99	19.28	25.43	25.10
		1	160	25.98	26.13	24.20	25.40	25.94	25.21	23.99	25.66	22.88	23.89	25.22	24.29
		1	161	25.05	26.11	24.21	24.16	25.59	25.10	22.80	24.17	23.33	22.80	24.55	24.24
		81	40	23.55	26.17	24.89	22.97	25.74	25.45	21.64	25.21	23.71	21.57	25.52	24.87
		162	0	23.54	26.27	24.97	22.93	25.99	25.59	21.58	25.16	23.77	21.60	25.41	24.90
	256QAM	1	0	20.40	25.18	24.58	19.39	24.25	24.17	17.73	22.84	22.55	17.74	23.95	23.40
		1	1	20.40	25.39	24.47	19.74	23.98	24.12	18.79	23.40	22.59	17.76	23.90	23.56
		1	160	23.83	24.99	22.96	23.23	24.09	23.55	21.95	23.07	22.47	22.13	23.96	22.96
		1	161	24.01	25.03	23.10	23.44	23.95	23.74	22.45	23.13	22.54	22.05	23.63	23.15
		81	40	22.06	25.03	23.62	21.49	24.24	24.03	20.15	23.19	22.18	20.03	23.62	23.59
		162	0	22.03	25.12	23.65	21.40	24.27	24.31	20.10	23.18	22.15	19.97	23.74	23.50

OUTPUT POWER FOR 5G NR n41 (70.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 2			ANT 1			ANT 4			ANT 3		
				506200	518600	531000	506200	518600	531000	506200	518600	531000	506200	518600	531000
70.0	BPSK	1	0	23.74	24.17	25.70	23.46	23.51	25.21	21.93	22.53	22.99	22.18	22.72	24.67
		1	1	23.83	24.56	28.00	23.64	23.45	27.37	22.32	22.37	26.30	22.19	22.96	26.95
		1	187	27.97	28.53	26.47	27.35	28.47	27.47	26.27	27.67	25.11	26.00	27.72	26.64
		1	188	25.80	26.62	26.29	25.34	25.45	25.31	24.28	24.49	23.09	24.56	24.75	24.70
		90	45	25.89	28.70	27.18	25.50	28.70	27.63	24.60	27.66	25.78	24.74	28.00	26.99
		180	0	25.86	28.36	26.90	25.44	28.57	27.61	24.61	27.51	25.47	24.82	27.78	26.97
	QPSK	1	0	23.18	23.71	25.96	22.87	22.95	25.32	21.64	21.65	22.83	21.62	22.42	24.70
		1	1	23.44	24.01	27.23	23.07	22.98	27.40	21.53	22.05	25.57	21.76	22.31	27.00
		1	187	28.00	27.76	25.89	27.70	28.41	27.28	26.30	27.70	24.64	26.14	27.38	26.40
		1	188	25.75	26.49	25.19	25.48	25.45	25.31	24.33	24.54	23.18	24.60	24.59	24.54
		90	45	24.83	27.94	26.67	24.41	28.01	27.70	23.51	27.67	25.28	23.84	27.50	26.90
		180	0	24.84	27.26	26.01	24.43	27.66	27.15	23.59	27.12	24.73	23.75	26.76	26.26
	16QAM	1	0	23.27	23.64	25.88	22.61	22.63	25.56	21.50	22.23	22.79	21.75	22.46	24.51
		1	1	23.14	23.59	26.79	22.26	22.79	27.61	21.83	22.46	25.17	21.77	22.57	26.95
		1	187	27.09	27.11	25.53	27.43	27.31	26.54	26.26	27.42	24.41	26.20	26.46	25.79
		1	188	25.65	26.16	24.75	24.85	25.57	25.52	25.16	24.92	23.03	24.55	24.86	24.72
		90	45	24.28	27.28	26.12	23.89	27.31	26.73	23.21	26.97	24.82	23.36	26.65	26.00
		180	0	24.28	26.57	25.39	23.91	26.58	26.23	23.11	26.04	24.23	23.31	25.71	25.20
	64QAM	1	0	22.53	23.23	25.49	22.27	22.09	25.33	20.69	21.57	22.57	21.15	22.08	24.47
		1	1	22.83	23.30	25.40	22.32	21.97	26.07	21.37	21.42	24.15	20.95	22.34	25.36
		1	187	25.98	25.97	24.43	26.01	25.68	25.40	25.06	25.26	23.62	25.62	25.28	24.36
		1	188	25.68	25.85	24.42	25.35	25.11	25.18	23.72	24.25	23.01	24.14	24.78	24.17
		90	45	24.29	26.24	25.03	23.97	25.82	25.41	23.08	25.39	23.93	23.31	25.43	24.75
		180	0	24.37	26.36	25.06	23.92	26.13	25.62	23.12	25.45	24.01	23.26	25.43	24.78
	256QAM	1	0	21.42	21.58	24.45	21.13	20.66	23.83	19.61	19.92	22.16	19.57	20.48	24.12
		1	1	21.51	22.18	24.60	20.71	20.88	23.83	19.96	20.55	22.45	19.69	20.24	24.03
		1	187	24.54	24.80	23.22	24.32	24.30	23.43	23.36	23.18	21.79	23.69	23.50	23.32
		1	188	24.76	24.80	22.95	24.49	24.17	23.55	23.28	23.47	22.09	23.84	23.76	23.27
		90	45	22.73	25.07	23.73	22.45	24.33	24.21	21.54	23.47	22.14	21.81	23.61	23.30
		180	0	22.77	25.11	23.77	22.47	24.32	24.34	21.58	23.45	22.09	21.79	23.70	23.64

OUTPUT POWER FOR 5G NR n41 (80.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 2			ANT 1			ANT 4			ANT 3		
				507200	518600	530000	507200	518600	530000	507200	518600	530000	507200	518600	530000
80.0	BPSK	1	0	23.70	24.10	25.70	23.23	23.07	25.06	22.00	22.40	23.06	21.86	22.83	24.55
		1	1	23.79	24.36	28.00	23.39	23.15	27.51	22.16	22.57	26.30	21.77	22.75	26.85
		1	215	27.90	28.61	26.47	27.50	28.18	27.41	26.30	27.63	25.36	25.80	27.80	26.49
		1	216	25.85	26.44	26.23	25.48	25.40	25.36	24.51	24.64	23.29	24.38	24.69	24.59
		108	54	25.82	28.70	27.23	25.40	28.70	27.66	24.63	27.70	25.99	24.55	28.00	26.96
		216	0	25.82	28.47	26.90	25.42	28.39	27.64	24.64	27.45	25.70	24.54	27.87	27.00
	QPSK	1	0	23.24	23.80	25.75	22.68	22.91	25.22	21.42	21.57	23.11	21.33	22.46	24.66
		1	1	23.48	23.87	27.19	22.92	22.78	27.45	21.40	21.81	26.19	21.41	22.28	26.87
		1	215	28.00	27.79	25.94	27.43	28.34	27.55	26.12	27.67	24.86	25.69	27.27	26.26
		1	216	25.80	26.54	25.23	25.21	25.36	25.40	24.43	24.41	23.50	24.42	24.67	24.67
		108	54	24.84	27.94	26.71	24.36	28.07	27.70	23.61	27.67	25.49	23.55	27.46	26.97
		216	0	24.81	27.28	26.07	24.35	27.56	27.17	23.50	26.99	25.05	23.51	26.72	26.29
	16QAM	1	0	22.94	23.88	25.57	22.86	22.45	24.94	21.22	21.28	22.90	21.76	22.27	24.46
		1	1	23.42	24.09	26.33	23.07	22.45	27.53	21.80	22.30	25.58	22.04	22.18	26.60
		1	215	27.05	27.15	25.30	27.70	27.05	26.46	25.75	27.10	24.50	26.20	26.44	25.54
		1	216	25.68	26.31	24.59	25.64	24.96	25.37	24.25	24.40	23.70	24.93	24.58	24.92
		108	54	24.34	27.18	26.18	23.86	27.16	26.73	23.06	27.03	25.14	23.11	26.62	25.96
		216	0	24.26	26.56	25.38	23.88	26.59	26.18	23.01	26.00	24.56	23.05	25.74	25.37
	64QAM	1	0	22.87	23.33	25.62	22.12	22.43	25.22	20.78	21.59	23.48	20.29	21.67	24.75
		1	1	22.67	23.26	25.40	22.35	22.13	25.87	21.22	21.50	24.66	20.57	21.51	25.85
		1	215	26.14	25.72	24.08	25.85	25.70	25.23	24.98	25.42	24.12	25.45	24.59	24.37
		1	216	25.81	25.96	23.84	25.18	25.45	25.30	23.99	24.48	23.73	23.78	24.43	24.18
		108	54	24.32	26.21	25.00	23.87	25.94	25.28	23.12	25.30	24.16	22.99	25.37	24.67
		216	0	24.40	26.31	25.02	23.89	26.07	25.66	23.04	25.42	24.30	22.98	25.18	24.90
	256QAM	1	0	21.12	21.57	24.33	20.75	20.56	23.74	19.80	20.24	22.08	19.89	20.36	24.06
		1	1	21.05	21.84	24.28	20.63	20.72	23.95	19.75	20.55	22.21	19.52	20.45	23.91
		1	215	24.51	24.94	22.88	24.59	24.03	23.76	23.60	23.30	22.45	23.09	23.52	23.25
		1	216	24.64	24.84	22.85	24.66	24.08	23.71	23.87	23.57	22.71	23.19	23.64	23.41
		108	54	22.83	25.04	23.69	22.33	24.28	24.04	21.56	23.35	22.35	21.62	23.63	23.33
		216	0	22.76	25.12	23.72	22.38	24.31	24.36	21.49	23.42	22.31	21.54	23.70	23.65

OUTPUT POWER FOR 5G NR n41 (90.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 2			ANT 1			ANT 4			ANT 3		
				508200	518600	529000	508200	518600	529000	508200	518600	529000	508200	518600	529000
90.0	BPSK	1	0	23.67	24.06	25.63	23.13	23.34	25.10	21.81	22.08	22.78	22.08	22.86	24.53
		1	1	23.79	24.65	28.00	23.33	23.42	27.36	22.19	22.28	26.18	22.04	22.79	26.80
		1	243	28.00	28.54	26.62	27.70	28.29	27.31	26.30	27.68	25.18	25.94	27.58	26.43
		1	244	25.74	26.47	26.16	24.76	25.41	25.41	24.39	24.65	23.26	24.62	24.74	24.52
		120	60	25.89	28.70	27.34	25.21	28.70	27.63	24.55	27.55	25.73	24.89	28.00	26.87
		243	0	25.87	28.45	26.95	25.28	28.53	27.56	24.47	27.37	25.54	24.82	27.89	26.83
	QPSK	1	0	23.23	23.83	25.75	22.47	22.79	25.13	21.32	21.61	22.79	21.59	22.47	24.61
		1	1	23.28	24.00	27.49	22.72	22.99	27.43	21.40	21.82	26.30	21.66	22.16	27.00
		1	243	27.59	27.89	25.88	27.16	28.32	27.38	26.22	27.62	24.63	26.05	27.21	26.46
		1	244	25.80	26.65	25.34	25.11	25.48	25.45	24.35	24.61	23.30	24.71	24.89	24.68
		120	60	24.84	27.96	26.84	24.20	28.05	27.62	23.57	27.70	25.29	23.87	27.48	26.67
		243	0	24.79	27.31	26.11	24.15	27.71	27.28	23.61	27.00	24.83	23.74	26.90	26.24
	16QAM	1	0	23.15	23.79	25.62	22.79	22.75	25.47	21.13	22.10	22.89	21.84	22.50	24.60
		1	1	23.46	24.32	26.75	23.25	23.08	27.70	21.51	21.47	25.37	21.52	22.03	26.71
		1	243	27.16	27.13	25.04	27.51	27.37	26.82	26.23	26.82	24.09	26.20	26.03	25.31
		1	244	25.69	26.38	24.12	25.45	25.46	25.47	24.80	24.50	23.34	25.02	24.38	24.60
		120	60	24.23	27.28	26.27	23.69	27.33	26.77	23.14	26.90	24.90	23.36	26.78	25.76
		243	0	24.27	26.59	25.43	23.66	26.69	26.16	23.05	25.93	24.32	23.26	25.81	25.30
	64QAM	1	0	22.45	23.19	25.28	22.00	22.09	24.65	21.09	20.57	22.90	20.66	22.13	24.22
		1	1	22.71	23.64	25.27	21.98	22.05	25.98	21.17	20.61	24.29	20.61	21.84	25.59
		1	243	25.62	25.78	24.36	26.47	25.94	24.86	25.45	25.19	23.48	25.32	24.67	24.04
		1	244	25.72	26.01	24.06	24.62	25.41	24.97	23.45	24.21	23.30	24.41	24.95	24.13
		120	60	24.26	26.20	25.06	23.62	25.72	25.36	23.16	25.36	23.96	23.35	25.40	24.53
		243	0	24.22	26.27	25.01	23.74	26.19	25.78	22.99	25.42	24.15	23.27	25.36	25.00
	256QAM	1	0	21.17	21.59	24.48	20.49	20.74	23.86	18.68	19.66	21.84	19.78	20.25	23.37
		1	1	21.38	21.43	24.53	20.72	20.86	24.10	19.12	19.92	22.10	19.97	20.42	23.66
		1	243	24.84	24.50	23.16	24.13	24.30	23.85	23.31	23.48	22.51	23.83	23.33	23.00
		1	244	24.66	24.48	22.96	24.22	24.24	23.88	23.51	24.27	22.66	23.96	23.15	23.20
		120	60	22.72	25.19	23.90	22.20	24.28	23.96	21.65	23.40	22.04	21.85	23.69	23.00
		243	0	22.67	25.22	23.85	22.20	24.37	24.24	21.50	23.39	22.05	21.74	23.78	23.46

OUTPUT POWER FOR 5G NR n41 (100.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 2			ANT 1			ANT 4			ANT 3		
				509200	528600	528000	509200	528600	528000	509200	528600	528000	509200	528600	528000
100.0	BPSK	1	0	23.76	24.39	24.24	23.18	23.38	23.18	21.59	21.81	21.41	22.37	22.94	22.69
		1	1	23.91	24.34	24.44	23.09	23.45	23.39	21.75	22.42	21.38	22.08	22.92	22.64
		1	271	28.00	28.32	27.49	27.70	27.88	27.35	26.03	27.70	25.76	26.20	27.38	26.72
		1	272	25.98	26.72	26.75	25.14	25.54	25.61	24.09	24.52	23.68	24.84	24.75	24.78
		135	67	25.90	28.70	28.00	25.30	28.52	27.65	24.21	27.46	26.30	24.98	28.00	27.00
		270	0	25.91	28.33	27.59	25.29	28.53	27.65	24.14	27.28	26.09	24.95	27.84	26.98
	QPSK	1	0	23.34	23.80	23.85	22.64	22.84	22.74	21.26	21.34	20.73	21.95	22.59	22.26
		1	1	23.37	24.06	24.10	23.01	23.03	22.90	21.25	21.87	21.08	21.83	22.52	22.23
		1	271	27.21	27.64	26.74	27.46	28.70	27.70	26.30	27.40	25.42	26.18	27.46	26.93
		1	272	25.77	26.48	25.90	25.12	25.41	25.55	23.93	24.24	23.77	24.75	24.71	24.76
		135	67	24.87	27.85	27.39	24.31	27.93	27.66	23.32	27.51	25.78	24.01	27.63	26.98
		270	0	24.87	27.17	26.68	24.28	27.83	27.46	23.20	26.77	25.37	23.90	27.01	26.57
	16QAM	1	0	22.93	24.12	23.58	22.45	22.99	22.58	21.12	21.20	20.55	21.68	22.79	22.17
		1	1	23.13	24.52	24.11	22.63	22.96	22.73	21.44	21.44	20.89	21.96	22.55	21.88
		1	271	26.39	27.34	26.11	26.76	27.43	26.79	25.88	26.71	24.95	26.13	26.36	25.53
		1	272	25.59	26.66	24.96	24.99	25.47	25.67	23.67	24.57	23.79	24.80	24.79	24.89
		135	67	24.40	27.08	26.66	23.74	27.13	26.90	22.79	26.87	25.25	23.48	26.73	26.00
		270	0	24.36	26.39	25.84	23.77	26.65	26.30	22.71	25.74	24.87	23.41	25.91	25.61
	64QAM	1	0	22.74	23.20	23.14	22.19	22.36	22.25	20.31	20.37	20.55	20.96	21.52	21.30
		1	1	22.85	23.48	23.39	22.16	22.35	22.40	20.27	21.16	20.89	21.13	21.66	21.48
		1	271	25.85	25.61	24.53	26.49	25.51	25.55	24.40	25.03	24.22	25.85	24.67	24.67
		1	272	25.78	25.62	24.87	24.96	25.24	25.06	23.96	24.52	24.32	24.95	24.40	24.57
		135	67	24.31	25.95	25.51	23.76	25.82	25.53	22.73	25.23	24.43	23.57	25.28	24.58
		270	0	24.37	26.05	25.50	23.75	26.26	25.89	22.69	25.22	24.66	23.43	25.42	25.08
	256QAM	1	0	21.08	21.56	21.72	21.02	20.39	20.62	19.27	19.20	18.83	19.98	20.75	20.15
		1	1	21.09	22.12	21.93	21.28	20.96	20.79	18.91	19.71	19.30	19.31	20.67	20.18
		1	271	24.19	24.49	23.49	24.24	24.06	24.05	23.43	23.13	22.76	23.63	23.61	23.13
		1	272	24.12	24.17	23.64	24.56	24.54	23.80	22.91	23.63	23.13	24.16	23.46	23.03
		135	67	22.80	24.78	24.26	22.00	24.34	24.13	21.35	23.25	22.69	21.92	23.76	23.25
		270	0	22.75	24.82	24.27	22.12	24.38	24.33	21.21	23.24	22.65	21.87	23.76	23.63

8.11. LTE BAND 48 AND 5G NR n48

LTE BAND 48

Test Engineer ID:	32061	Test Date:	2/15/2023
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OUTPUT POWER FOR LTE BAND 48 (5.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 7			ANT 8			ANT 9			ANT 4		
				55265	55990	56715	55260	55990	56715	55265	55990	56715	55260	55990	56715
5.0	QPSK	1	0	23.93	23.96	23.87	25.91	25.92	25.92	20.98	20.98	20.89	24.58	24.57	24.60
		1	12	24.00	24.00	24.00	26.00	26.00	26.00	21.10	21.10	21.10	24.70	24.70	24.70
		1	24	23.92	23.95	23.92	25.90	25.91	25.95	21.04	21.06	21.00	24.50	24.54	24.69
		12	0	23.24	23.29	23.27	25.23	25.29	25.26	20.11	20.04	20.01	23.57	23.65	23.65
		12	6	23.28	23.34	23.30	25.25	25.32	25.32	20.14	20.12	20.04	23.54	23.66	23.68
	16QAM	12	11	23.28	23.28	23.28	25.22	25.31	25.31	20.13	20.11	20.04	23.49	23.62	23.71
		25	0	23.24	23.27	23.26	25.24	25.29	25.27	20.08	20.07	20.00	23.49	23.61	23.70
		1	0	23.40	23.38	23.35	25.30	25.39	25.37	20.40	20.34	20.32	23.90	23.99	24.00
		1	12	23.43	23.51	23.53	25.47	25.46	25.54	20.49	20.48	20.40	24.01	24.15	24.19
		1	24	23.39	23.46	23.40	25.33	25.37	25.46	20.44	20.38	20.38	23.84	23.95	24.08
	64QAM	12	0	22.34	22.36	22.28	24.13	24.28	24.19	19.21	19.10	19.06	22.70	22.69	22.69
		12	6	22.27	22.40	22.30	24.34	24.36	24.29	19.28	19.14	19.14	22.63	22.69	22.77
		12	11	22.31	22.39	22.30	24.30	24.37	24.32	19.26	19.10	19.12	22.60	22.63	22.78
		25	0	22.24	22.33	22.28	24.24	24.29	24.29	19.22	19.09	19.06	22.51	22.67	22.73
		1	0	22.43	22.52	22.42	24.43	24.46	24.43	19.30	19.22	19.16	22.81	22.74	22.76
	256QAM	1	12	22.43	22.54	22.49	24.33	24.37	24.53	19.37	19.26	19.27	22.88	22.74	22.98
		1	24	22.32	22.51	22.49	24.46	24.49	24.53	19.36	19.26	19.25	22.65	22.62	22.88
		12	0	21.27	21.32	21.24	23.28	23.27	23.29	18.15	18.03	18.00	21.57	21.66	21.73
		12	6	21.29	21.36	21.30	23.27	23.31	23.34	18.19	18.10	18.03	21.51	21.69	21.75
		12	11	21.27	21.34	21.28	23.23	23.31	23.31	18.20	18.06	18.09	21.47	21.63	21.75

OUTPUT POWER FOR LTE BAND 48 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 7			ANT 8			ANT 9			ANT 4		
				55290	55990	56690	55290	55990	56690	55290	55990	56690	55290	55990	56690
10.0	QPSK	1	0	24.00	23.97	23.91	26.00	25.96	25.89	20.97	21.06	20.95	24.66	24.70	24.44
		1	24	24.00	24.00	23.98	26.00	26.00	25.99	21.03	21.08	21.01	24.62	24.67	24.61
		1	49	23.98	23.95	24.00	25.96	25.97	26.00	21.10	21.10	21.10	24.70	24.53	24.70
		25	0	23.37	23.36	23.35	25.42	25.41	25.29	20.02	20.07	20.02	23.66	23.74	23.54
		25	12	23.39	23.38	23.38	25.43	25.42	25.34	20.07	20.13	20.08	23.60	23.72	23.65
	16QAM	25	24	23.38	23.35	23.40	25.38	25.41	25.40	20.11	20.15	20.10	23.61	23.68	23.71
		50	0	23.37	23.36	23.36	25.37	25.39	25.31	20.06	20.12	20.07	23.58	23.69	23.62
		1	0	23.44	23.41	23.34	25.37	25.42	25.32	20.33	20.41	20.31	24.03	24.10	23.77
		1	24	23.39	23.38	23.42	25.37	25.44	25.37	20.35	20.43	20.37	23.93	23.98	23.92
		1	49	23.43	23.42	23.49	25.38	25.38	25.41	20.48	20.46	20.45	24.01	23.92	23.99
	64QAM	25	0	22.40	22.38	22.33	24.42	24.41	24.30	19.05	19.16	19.07	22.69	22.75	22.57
		25	12	22.39	22.40	22.36	24.44	24.42	24.33	19.10	19.20	19.11	22.63	22.73	22.70
		25	24	22.40	22.39	22.37	24.40	24.41	24.42	19.12	19.20	19.14	22.65	22.70	22.71
		50	0	22.35	22.37	22.35	24.37	24.37	24.30	19.08	19.12	19.07	22.59	22.72	22.63
		1	0	22.55	22.42	22.54	24.56	24.46	24.41	19.12	19.22	19.09	22.84	22.89	22.57
	256QAM	1	24	22.51	22.49	22.52	24.41	24.51	24.55	19.22	19.37	19.18	22.83	22.86	22.69
		1	49	22.59	22.52	22.54	24.49	24.50	24.60	19.24	19.27	19.21	22.85	22.77	22.85
		25	0	21.40	21.37	21.36	23.38	23.37	23.28	18.01	18.09	18.03	21.66	21.76	21.57
		25	12	21.44	21.42	21.38	23.41	23.39	23.33	18.08	18.13	18.06	21.59	21.74	21.69
		25	24	21.40	21.39	21.38	23.37	23.38	23.44	18.11	18.15	18.10	21.62	21.68	21.71

OUTPUT POWER FOR LTE BAND 48 (15.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 7			ANT 8			ANT 9			ANT 4		
				55315	55990	56665	55315	55990	56665	55315	55990	56665	55315	55990	56665
15.0	QPSK	1	0	23.94	23.91	23.80	25.99	25.95	25.80	20.76	20.99	20.98	24.43	24.70	24.28
		1	37	24.00	24.00	23.89	25.97	25.99	25.88	20.88	21.04	21.09	24.45	24.70	24.54
		1	74	23.98	23.98	24.00	26.00	26.00	26.00	21.10	21.10	21.10	24.70	24.54	24.70
		36	0	23.34	23.33	23.22	25.39	25.37	25.20	19.85	20.08	20.08	23.52	23.77	23.48
		36	16	23.35	23.35	23.25	25.39	25.38	25.29	19.91	20.09	20.11	23.56	23.73	23.61
		36	35	23.33	23.33	23.27	25.27	25.37	25.32	20.02	20.12	20.17	23.56	23.68	23.73
		75	0	23.30	23.31	23.22	25.24	25.36	25.30	19.92	20.10	20.13	23.58	23.70	23.60
	16QAM	1	0	23.35	23.37	23.27	25.42	25.39	25.27	20.09	20.30	20.37	23.88	24.16	23.61
		1	37	23.34	23.37	23.39	25.42	25.43	25.36	20.32	20.47	20.46	23.88	24.05	23.99
		1	74	23.47	23.34	23.39	25.35	25.39	25.41	20.43	20.49	20.50	24.09	23.90	24.12
		36	0	22.37	22.35	22.22	24.43	24.36	24.22	18.90	19.10	19.10	22.56	22.81	22.52
		36	16	22.36	22.36	22.25	24.39	24.38	24.33	18.98	19.14	19.13	22.57	22.73	22.64
		36	35	22.37	22.36	22.27	24.31	24.39	24.34	19.07	19.16	19.16	22.60	22.71	22.78
		75	0	22.35	22.35	22.25	24.30	24.38	24.28	18.98	19.12	19.13	22.61	22.74	22.63
	64QAM	1	0	22.62	22.54	22.34	24.70	24.50	24.28	18.95	19.24	19.16	22.74	22.91	22.51
		1	37	22.60	22.40	22.38	24.65	24.38	24.39	19.07	19.01	19.22	22.59	22.79	22.79
		1	74	22.56	22.48	22.48	24.49	24.62	24.59	19.27	19.37	19.36	22.93	22.72	22.95
		36	0	21.36	21.37	21.23	23.39	23.36	23.19	17.87	18.08	18.07	21.53	21.78	21.53
		36	16	21.36	21.35	21.26	23.37	23.34	23.29	17.94	18.11	18.11	21.57	21.74	21.66
		36	35	21.35	21.36	21.28	23.28	23.33	23.35	18.04	18.15	18.15	21.59	21.68	21.75
		75	0	21.34	21.34	21.25	23.29	23.36	23.30	17.96	18.14	18.11	21.60	21.72	21.64
	256QAM	1	0	19.48	19.36	19.35	21.41	21.28	21.26	15.98	16.16	16.30	19.79	19.81	19.32
		1	37	19.26	19.30	19.18	21.43	21.52	21.38	15.93	16.23	16.06	19.67	19.85	19.79
		1	74	19.37	19.39	19.43	21.35	21.66	21.39	16.25	16.29	16.51	20.05	19.70	19.98
		36	0	19.35	19.34	19.21	21.38	21.38	21.21	15.84	16.07	16.06	19.52	19.76	19.49
		36	16	19.35	19.34	19.25	21.37	21.36	21.29	15.92	16.10	16.08	19.55	19.72	19.65
		36	35	19.33	19.36	19.24	21.27	21.36	21.31	16.02	16.14	16.13	19.57	19.68	19.75
		75	0	19.33	19.33	19.23	21.28	21.35	21.32	15.94	16.13	16.11	19.60	19.73	19.65

OUTPUT POWER FOR LTE BAND 48 (20.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 7			ANT 8			ANT 9			ANT 4		
				55340	55990	56640	55340	55990	56640	55340	55990	56640	55340	55990	56640
20.0	QPSK	1	0	24.00	24.00	23.96	26.00	26.00	25.83	20.52	20.98	20.93	24.18	24.70	24.16
		1	49	23.86	23.93	23.88	25.87	25.95	25.87	20.71	21.03	20.97	24.21	24.65	24.42
		1	99	23.97	23.96	24.00	25.90	25.94	26.00	21.10	21.10	21.10	24.70	24.52	24.70
		50	0	23.29	23.29	23.26	25.26	25.30	25.14	19.69	20.02	20.01	23.27	23.79	23.36
		50	24	23.30	23.31	23.30	25.17	25.31	25.17	19.84	20.07	20.05	23.32	23.73	23.53
		50	49	23.28	23.31	23.32	25.17	25.30	25.28	19.99	20.10	20.10	23.51	23.67	23.68
		100	0	23.25	23.28	23.28	25.15	25.32	25.16	19.84	20.08	20.05	23.37	23.71	23.54
	16QAM	1	0	23.61	23.34	23.36	25.32	25.29	25.10	19.92	20.36	20.41	23.53	24.06	23.47
		1	49	23.50	23.65	23.60	25.41	25.65	25.38	20.21	20.53	20.56	23.80	24.35	24.30
		1	99	23.31	23.43	23.34	25.41	25.31	25.54	20.42	20.47	20.48	24.12	23.97	24.01
		50	0	22.30	22.28	22.26	24.24	24.32	24.13	18.69	19.06	19.05	22.28	22.81	22.39
		50	24	22.31	22.32	22.29	24.14	24.28	24.18	18.85	19.08	19.06	22.31	22.75	22.56
		50	49	22.27	22.30	22.31	24.19	24.31	24.28	19.02	19.17	19.11	22.55	22.69	22.69
		100	0	22.23	22.29	22.29	24.17	24.31	24.17	18.88	19.10	19.07	22.37	22.72	22.54
	64QAM	1	0	22.53	22.37	22.41	24.46	24.35	24.36	18.73	19.32	19.30	22.37	22.79	22.41
		1	49	22.67	22.53	22.60	24.45	24.54	24.52	19.09	19.33	19.21	22.64	22.93	22.96
		1	99	22.41	22.37	22.55	24.35	24.62	24.52	19.30	19.33	19.31	22.79	22.68	22.77
		50	0	21.27	21.31	21.29	23.24	23.27	23.11	17.71	18.07	18.03	21.24	21.83	21.40
		50	24	21.31	21.32	21.32	23.16	23.28	23.17	17.85	18.13	18.05	21.31	21.78	21.56
		50	49	21.31	21.31	21.34	23.15	23.28	23.27	18.00	18.19	18.11	21.52	21.70	21.74
		100	0	21.28	21.32	21.29	23.18	23.31	23.16	17.88	18.11	18.06	21.35	21.76	21.58
	256QAM	1	0	19.46	19.30	19.38	21.41	21.46	21.22	15.83	16.25	16.11	19.43	20.03	19.42
		1	49	19.35	19.32	19.31	21.36	21.38	21.19	15.94	16.30	16.05	19.47	19.95	19.67
		1	99	19.46	19.26	19.38	21.39	21.55	21.51	16.33	16.42	16.11	20.04	19.90	20.01
		50	0	19.25	19.29	19.25	21.23	21.31	21.12	15.69	16.07	16.01	19.24	19.80	19.36
		50	24	19.26	19.33	19.31	21.17	21.31	21.18	15.84	16.12	16.04	19.31	19.77	19.54
		50	49	19.27	19.32	19.32	21.16	21.31	21.28	15.96	16.14	16.10	19.51	19.68	19.70
		100	0	19.25	19.29	19.28	21.16	21.30	21.17	15.84	16.13	16.03	19.35	19.75	19.56

5G NR n48

Test Engineer ID:	32061	Test Date:	2/24/2023
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OUTPUT POWER FOR 5G NR n48 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 7			ANT 8			ANT 9			ANT 4		
				637000	641666	646333	637000	641666	646333	637000	641666	646333	637000	641666	646333
10.0	BPSK	1	0	23.43	23.31	23.50	25.42	25.38	25.33	20.49	20.45	20.47	24.51	24.41	24.43
		1	1	23.85	23.90	23.99	25.96	25.89	25.92	20.94	20.97	21.10	24.66	24.61	24.70
		1	22	23.97	23.81	23.96	25.92	25.91	25.99	21.04	20.90	21.07	24.70	24.62	24.65
		1	23	23.36	23.26	23.40	25.27	25.34	25.34	20.46	20.37	20.45	24.46	24.40	24.36
		12	6	23.83	23.74	23.93	25.85	25.95	25.91	21.05	20.77	21.09	24.70	24.61	24.62
		24	0	23.42	23.29	23.41	22.87	25.40	25.36	17.98	20.50	20.55	24.35	24.44	24.46
	QPSK	1	0	23.01	22.95	22.97	24.94	24.89	24.96	20.05	20.05	19.99	23.91	23.97	23.95
		1	1	23.96	24.00	24.00	26.00	25.91	26.00	21.10	21.10	21.06	24.62	24.62	24.60
		1	22	24.00	23.90	23.88	25.88	25.93	25.97	21.10	21.05	21.07	24.61	24.67	24.65
		1	23	22.92	22.83	22.92	24.78	24.88	24.87	20.03	20.04	20.02	23.86	23.91	23.84
		12	6	23.86	23.81	23.87	25.92	26.00	25.96	21.06	20.97	21.09	24.60	24.70	24.62
		24	0	22.97	22.80	22.82	22.90	24.92	24.90	17.98	19.97	20.16	23.90	24.01	23.95
	16QAM	1	0	22.19	21.63	22.01	23.90	23.94	23.94	19.05	19.04	19.13	23.10	23.26	22.84
		1	1	23.20	22.64	23.12	24.94	25.03	24.83	20.03	19.96	20.00	24.07	24.13	23.84
		1	22	23.18	22.57	23.01	24.88	25.01	24.95	20.06	20.01	20.08	23.99	24.23	23.91
		1	23	22.17	21.52	22.17	23.86	23.98	23.85	18.96	18.98	19.05	22.92	23.32	22.78
		12	6	23.01	22.89	23.01	24.93	24.92	24.93	19.99	20.04	20.10	23.88	23.96	24.09
		24	0	21.99	21.75	21.98	22.83	23.91	23.91	18.02	18.96	18.99	22.85	23.01	23.14
	64QAM	1	0	21.40	21.33	21.61	23.29	23.38	23.31	18.44	18.40	18.49	22.68	22.40	22.66
		1	1	21.51	21.47	21.52	23.27	23.40	23.29	18.51	18.44	18.35	22.58	22.44	22.76
		1	22	21.33	21.48	21.53	23.23	23.36	23.29	18.49	18.42	18.49	22.66	22.39	22.78
		1	23	21.40	21.16	21.49	23.22	23.28	23.36	18.44	18.34	18.36	22.64	22.40	22.80
		12	6	21.36	21.11	21.36	23.26	23.29	23.33	18.48	18.46	18.44	22.41	22.46	22.57
		24	0	21.42	21.20	21.51	22.85	23.41	23.36	18.02	18.46	18.47	22.40	22.55	22.63
256QAM	1	0	19.53	19.03	19.43	21.27	21.12	21.13	16.40	16.40	16.32	20.42	20.58	20.41	
	1	1	19.44	19.28	19.35	21.19	21.20	21.14	16.44	16.42	16.34	20.46	20.50	20.52	
	1	22	19.49	19.05	19.40	21.31	21.11	21.07	16.33	16.27	16.37	20.46	20.60	20.55	
	1	23	19.40	19.39	19.35	21.21	21.10	20.93	16.29	16.39	16.25	20.45	20.52	20.46	
	12	6	19.41	19.45	19.45	21.40	21.44	21.34	16.43	16.51	16.45	20.48	20.40	20.67	
	24	0	19.43	19.57	19.40	21.36	21.38	21.26	16.40	16.37	16.41	20.51	20.40	20.62	

OUTPUT POWER FOR 5G NR n48 (15.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 7			ANT 8			ANT 9			ANT 4		
				637166	641333	646166	637166	641333	646166	637166	641333	646166	637166	641333	646166
15.0	BPSK	1	0	23.14	22.25	22.92	25.27	25.38	24.94	20.57	20.32	20.40	24.47	23.98	23.88
		1	1	23.53	23.08	23.84	25.84	26.00	25.72	21.05	20.98	20.77	24.56	24.41	24.07
		1	36	23.62	24.00	23.14	25.79	25.82	25.77	21.06	21.05	21.10	24.58	24.66	24.50
		1	37	22.95	22.75	23.27	25.26	25.24	25.65	20.52	20.58	20.46	24.35	23.97	24.33
		18	9	23.49	22.70	23.55	25.75	25.78	25.83	21.04	20.98	20.96	24.45	24.70	24.41
		36	0	23.03	22.24	23.03	25.23	25.44	24.96	20.58	20.48	20.50	24.36	23.98	24.09
	QPSK	1	0	22.87	22.00	22.59	24.90	24.74	24.93	20.06	19.90	19.86	23.97	23.32	23.56
		1	1	24.00	22.59	23.65	26.00	25.80	25.94	21.00	20.97	20.95	24.70	24.46	24.61
		1	36	23.92	23.31	24.00	25.89	25.87	26.00	20.99	21.10	21.10	24.64	24.51	24.65
		1	37	22.78	21.90	23.10	24.87	25.06	24.94	20.01	20.10	19.99	23.88	23.57	23.84
		18	9	23.92	22.90	23.31	25.72	25.72	25.78	21.10	21.01	20.92	24.53	24.59	24.70
		36	0	22.89	21.81	22.59	25.11	24.68	24.69	20.05	20.02	19.99	23.83	23.51	23.71
	16QAM	1	0	21.78	20.63	21.55	24.00	23.44	23.75	19.33	19.13	18.98	23.08	22.25	22.38
		1	1	23.14	21.62	23.11	25.47	24.89	24.35	20.19	20.00	19.73	23.74	23.27	23.39
		1	36	23.17	21.69	22.65	24.79	25.08	25.03	20.23	20.18	20.17	23.90	23.25	23.16
		1	37	21.80	21.01	21.95	23.90	23.76	23.25	19.09	19.11	19.02	23.33	22.20	22.44
		18	9	23.03	21.62	22.47	24.82	24.85	24.57	20.00	20.04	19.95	24.32	23.60	23.56
		36	0	21.96	20.50	21.54	23.76	23.81	23.68	18.99	18.97	18.86	23.19	22.50	22.59
	64QAM	1	0	21.25	20.10	20.85	23.39	23.45	22.41	18.67	18.28	17.89	22.62	21.82	22.17
		1	1	21.56	20.10	21.06	23.39	23.94	22.24	18.69	18.17	18.09	22.77	21.83	22.13
		1	36	21.34	20.23	21.08	23.60	23.14	22.40	18.59	18.42	18.30	22.83	21.79	22.48
		1	37	21.28	20.33	21.20	23.61	23.13	22.76	18.69	18.46	18.54	22.73	22.14	22.33
		18	9	21.46	20.30	21.33	23.39	23.29	22.69	18.51	18.47	18.48	22.80	21.98	22.11
		36	0	21.39	20.23	20.94	23.41	23.19	22.67	18.49	18.25	18.34	22.63	21.98	22.20
256QAM	1	0	19.34	17.42	19.13	21.38	21.20	20.79	16.41	16.32	16.68	20.75	19.85	19.91	
	1	1	19.26	17.83	19.14	21.71	21.07	20.53	16.56	16.36	16.73	20.96	19.80	19.97	
	1	36	19.24	18.16	19.39	21.47	21.04	20.56	16.46	16.47	16.70	20.96	20.11	19.99	
	1	37	19.43	18.04	19.17	21.59	20.95	20.50	16.42	16.56	16.78	20.64	20.19	20.23	
	18	9	19.54	18.38	19.07	21.65	20.97	20.78	16.45	16.53	16.45	20.80	20.05	20.11	
	36	0	19.38	18.16	19.11	21.48	20.79	20.64	16.49	16.44	16.42	20.69	20.10	20.16	

OUTPUT POWER FOR 5G NR n48 (20.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 7			ANT 8			ANT 9			ANT 4		
				637333	641333	646000	637333	641333	646000	637333	641333	646000	637333	641333	646000
20.0	BPSK	1	0	23.49	23.48	23.54	25.49	25.45	25.40	20.56	20.52	20.57	24.52	24.36	24.39
		1	1	23.99	23.94	24.00	26.00	26.00	25.95	21.05	21.10	21.01	24.68	24.63	24.54
		1	49	23.85	23.83	23.97	26.00	25.79	25.89	20.99	20.97	21.05	24.61	24.47	24.58
		1	50	23.36	23.39	23.48	25.39	25.21	25.37	20.51	20.53	20.65	24.38	24.46	24.35
		25	12	23.90	23.87	23.87	25.90	25.81	26.00	21.10	21.09	21.10	24.70	24.60	24.62
	50	0	23.12	23.38	23.12	24.98	25.27	24.58	21.00	20.55	21.08	24.05	24.38	24.15	
	QPSK	1	0	22.98	23.09	22.91	24.89	24.92	24.75	20.03	20.13	19.97	23.99	24.03	23.98
		1	1	24.00	24.00	23.85	25.97	25.98	25.73	21.06	21.10	20.98	24.67	24.70	24.70
		1	49	23.93	23.91	23.89	25.96	25.78	25.93	21.03	21.02	21.01	24.69	24.66	24.64
		1	50	22.79	22.93	22.92	24.89	24.87	24.83	19.95	19.91	19.93	23.92	23.94	23.92
		25	12	23.85	23.86	23.88	25.89	25.89	25.98	21.07	21.06	21.04	24.67	24.65	24.63
	16QAM	50	0	22.58	22.88	22.45	24.25	24.82	24.33	21.00	19.97	20.80	23.48	23.96	23.80
		1	0	22.02	21.92	21.86	23.95	24.04	23.94	18.96	18.88	19.44	23.12	22.98	23.11
		1	1	23.05	22.88	22.88	24.96	25.22	24.84	20.00	19.95	20.24	24.07	23.93	24.06
		1	49	22.94	22.71	22.92	24.81	24.89	25.06	19.95	19.89	20.34	24.06	23.71	24.21
		1	50	21.91	21.82	22.09	23.84	23.93	23.88	18.96	18.98	19.37	23.02	22.91	23.19
	64QAM	25	12	22.89	22.87	23.01	24.71	24.92	24.82	20.03	20.00	20.16	23.99	23.90	23.85
		50	0	21.50	21.93	21.36	23.45	23.89	23.11	20.00	19.00	20.20	22.14	22.89	22.40
		1	0	21.39	21.30	21.58	23.36	23.14	23.27	18.50	18.64	18.67	22.58	22.53	22.47
		1	1	21.44	21.36	21.65	23.33	23.17	23.08	18.40	18.66	18.67	22.48	22.42	22.46
		1	49	21.25	21.28	21.51	23.33	23.12	23.17	18.44	18.48	18.75	22.42	22.37	22.17
	256QAM	1	50	21.34	21.25	21.61	23.31	23.14	23.12	18.43	18.36	18.68	22.44	22.18	22.32
		25	12	21.33	21.41	21.57	23.27	23.33	23.37	18.53	18.42	18.64	22.43	22.43	22.32
		50	0	21.10	21.40	21.35	23.12	23.36	23.11	18.48	18.44	18.72	22.14	22.38	22.08
		1	0	19.30	19.36	19.44	21.17	21.36	21.24	16.38	16.63	16.33	20.49	20.16	20.13
		1	1	19.44	19.46	19.61	21.09	21.25	21.47	16.45	16.52	16.26	20.63	20.40	20.14
	256QAM	1	49	19.45	19.00	19.44	20.93	21.29	21.38	16.42	16.30	16.31	20.45	20.24	20.29
		1	50	19.35	19.26	19.40	20.90	21.34	21.28	16.30	16.50	16.34	20.41	20.39	20.14
		25	12	19.30	19.32	19.34	21.18	21.35	21.32	16.42	16.50	16.34	20.33	20.36	20.29
		50	0	19.23	19.37	19.50	21.07	21.23	21.12	16.42	16.49	16.32	20.00	20.32	20.08

OUTPUT POWER FOR 5G NR n48 (30.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 7			ANT 8			ANT 9			ANT 4		
				637666	641666	645666	637666	641666	645666	637666	641666	645666	637666	641666	645666
30.0	BPSK	1	0	23.44	23.37	23.39	25.43	25.35	25.26	20.52	20.42	20.47	24.13	24.23	24.15
		1	1	23.98	24.00	24.00	26.00	25.92	25.84	21.10	21.03	20.84	24.70	24.70	24.62
		1	76	23.97	23.53	23.77	25.80	25.97	26.00	20.96	21.10	21.10	24.43	24.31	24.58
		1	77	23.21	22.98	23.34	25.21	25.45	25.52	20.39	20.55	20.44	23.95	23.74	24.04
		36	18	23.95	23.65	23.78	25.78	25.83	25.90	20.97	21.02	20.96	24.52	24.50	24.57
	QPSK	75	0	20.00	23.22	20.00	20.00	25.31	20.00	20.00	20.54	20.00	19.70	24.04	19.70
		1	0	22.97	22.91	22.96	24.81	24.83	24.92	20.05	19.92	19.76	23.60	23.71	23.61
		1	1	24.00	23.87	23.96	25.84	26.00	25.80	21.06	20.97	20.99	24.68	24.69	24.69
		1	76	23.86	23.48	23.83	25.81	25.96	25.97	20.85	21.02	21.01	24.45	24.19	24.70
		1	77	22.86	22.41	22.80	24.72	24.94	25.07	19.88	19.99	19.96	23.42	23.17	23.61
	16QAM	36	18	23.73	23.72	23.86	25.83	25.89	25.95	20.98	21.00	20.85	24.52	24.58	24.68
		75	0	20.00	22.71	20.00	20.00	24.85	20.00	20.00	20.11	20.00	19.70	23.59	19.70
		1	0	22.42	21.81	21.91	24.05	23.91	23.72	19.26	19.11	19.03	22.58	22.65	22.55
		1	1	23.33	22.91	23.17	24.95	25.00	24.75	20.24	20.15	20.03	23.77	23.73	23.43
		1	76	23.11	22.51	23.03	24.95	24.85	24.69	20.19	20.20	20.15	23.35	23.28	23.51
	64QAM	1	77	22.22	21.55	22.19	23.89	24.19	23.82	19.17	19.18	19.28	22.37	22.18	22.42
		36	18	22.74	22.65	22.81	24.75	24.75	24.84	19.97	20.04	19.84	23.42	23.53	23.51
		75	0	20.00	21.62	20.00	20.00	23.74	20.00	20.00	19.04	20.00	19.70	22.58	19.70
		1	0	20.95	21.47	21.33	23.16	23.09	23.22	18.60	18.35	18.41	22.01	22.16	22.01
		1	1	21.00	21.33	21.22	23.21	23.01	23.36	18.36	18.07	18.23	21.76	21.93	21.99
	256QAM	1	76	21.04	20.99	20.96	22.96	23.07	23.58	18.37	18.44	18.65	21.75	21.62	21.96
		1	77	20.75	21.05	21.00	23.03	23.08	23.59	18.37	18.60	18.45	21.64	21.74	21.82
		36	18	21.26	21.21	21.30	23.18	23.43	23.51	18.42	18.55	18.40	21.98	21.95	21.94
		75	0	20.00	21.22	20.00	20.00	23.43	20.00	18.45	18.55	18.35	19.70	21.97	19.70
		1	0	19.08	19.05	19.36	21.28	21.61	21.02	16.46	16.36	15.98	19.97	20.45	20.09
	256QAM	1	1	19.35	19.44	19.60	21.28	21.59	20.93	16.37	16.38	16.11	20.07	20.35	19.97
		1	76	19.22	19.03	19.43	20.85	21.61	21.14	16.22	16.62	15.89	20.17	20.22	19.95
		1	77	19.13	18.96	19.26	21.16	21.32	21.27	16.15	16.67	15.83	20.13	20.03	20.03
		36	18	19.18	19.17	19.14	21.25	21.38	21.34	16.46	16.47	16.49	20.02	20.02	19.96
		75	0	19.21	19.18	19.30	20.00	21.41	20.00	16.34	16.42	16.55	19.70	20.06	19.70

OUTPUT POWER FOR 5G NR n48 (40.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 7			ANT 8			ANT 9			ANT 4		
				638000	641333	645333	638000	641333	645333	638000	641333	645333	638000	641333	645333
40.0	BPSK	1	0	23.12	23.07	23.07	25.07	25.24	25.16	20.15	20.29	19.97	24.30	24.28	24.07
		1	1	23.56	23.65	23.55	25.61	25.75	25.79	20.70	20.82	20.55	24.50	24.39	24.13
		1	104	23.96	24.00	23.97	26.00	26.00	26.00	21.10	21.10	20.98	24.66	24.70	24.65
		1	105	23.36	23.33	23.48	25.48	25.38	25.53	20.60	20.67	20.43	24.49	24.42	24.59
		50	25	23.83	23.61	23.82	25.75	25.64	25.77	20.78	20.81	20.77	24.52	24.40	24.41
		100	0	20.00	23.08	20.00	20.00	25.16	20.00	20.00	20.32	20.00	19.70	24.12	19.70
	QPSK	1	0	22.79	22.73	22.66	24.57	24.72	24.68	19.67	19.78	19.56	23.87	23.58	23.59
		1	1	23.79	23.70	23.66	25.65	25.80	25.54	20.78	20.69	20.60	24.42	24.34	24.13
		1	104	24.00	23.82	24.00	25.96	25.91	25.94	20.97	20.96	21.10	24.70	24.55	24.70
		1	105	23.11	22.87	22.96	24.98	24.87	24.95	19.93	20.11	20.00	23.91	23.93	24.13
		50	25	23.80	23.63	23.86	25.83	25.65	25.65	20.79	20.81	20.74	24.54	24.32	24.42
		100	0	20.00	22.62	20.00	20.00	24.68	20.00	19.79	19.81	19.75	19.70	23.64	19.70
	16QAM	1	0	21.91	21.57	21.48	23.31	23.63	23.99	18.60	18.80	18.39	22.47	22.58	22.84
		1	1	22.74	22.35	22.55	24.43	24.62	24.54	19.66	19.87	19.47	23.34	23.74	23.60
		1	104	23.45	22.56	22.85	24.56	24.82	25.22	19.79	20.11	19.92	23.78	23.91	24.32
		1	105	22.04	21.75	21.70	23.70	23.87	24.16	18.70	18.93	18.96	22.68	22.99	22.89
		50	25	22.66	22.68	22.73	24.86	24.56	24.66	19.70	19.73	19.84	23.96	23.74	23.75
		100	0	20.00	21.63	20.00	20.00	23.68	20.00	18.74	18.81	18.73	19.70	22.73	19.70
	64QAM	1	0	21.20	20.99	20.76	23.52	22.83	23.00	18.11	18.40	17.95	22.67	21.90	22.24
		1	1	21.53	20.81	21.31	23.20	22.97	23.09	17.92	18.04	17.99	22.32	22.16	22.21
		1	104	21.46	21.41	21.51	23.48	23.34	23.45	18.42	18.39	18.66	22.73	22.38	22.85
		1	105	21.55	21.36	21.16	23.59	23.20	23.62	18.41	18.48	18.62	22.91	22.20	22.66
		50	25	21.35	21.17	21.30	23.23	23.14	23.03	18.19	18.19	18.17	22.39	22.24	22.32
		100	0	20.00	21.23	20.00	20.00	23.17	20.00	18.26	18.27	18.28	19.70	22.23	19.70
	256QAM	1	0	19.36	18.70	19.13	20.88	21.29	20.13	15.81	15.79	15.79	20.02	20.17	19.79
		1	1	19.32	18.79	19.19	21.18	21.42	20.68	15.85	15.81	15.93	20.14	20.27	20.02
		1	104	19.20	18.97	19.65	21.31	21.47	21.23	16.03	16.13	16.28	20.48	20.38	20.18
		1	105	19.01	18.93	19.49	21.08	21.26	21.11	16.34	16.20	16.23	20.43	19.89	20.27
		50	25	19.25	19.06	19.33	21.23	21.26	21.09	16.18	16.18	16.23	20.39	20.11	20.19
		100	0	19.23	19.11	19.32	20.00	21.31	20.00	16.14	16.17	16.15	19.70	20.22	19.70

8.12. LTE BAND 66 AND 5G NR n66

LTE BAND 66

Test Engineer ID:	32061	Test Date:	2/1/2023
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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
1.4	QPSK	1	0	25.56	25.53	25.59	25.66	25.58	25.57	25.31	25.38	25.44	25.20	25.12	24.93
		1	2	25.59	25.61	25.60	25.70	25.65	25.63	25.33	25.41	25.50	25.20	25.12	24.84
		1	5	25.60	25.57	25.63	25.68	25.61	25.64	25.33	25.39	25.47	25.18	25.06	24.73
		3	0	25.61	25.59	25.65	25.65	25.63	25.61	25.30	25.41	25.47	25.13	25.12	24.70
		3	1	25.63	25.64	25.66	25.64	25.64	25.61	25.32	25.42	25.49	25.18	25.03	24.65
		3	2	25.64	25.62	25.70	25.66	25.64	25.59	25.32	25.44	25.47	25.13	24.95	24.58
	16QAM	6	0	24.92	24.94	24.96	24.94	24.90	24.84	24.42	24.51	24.56	24.11	24.07	23.76
		1	0	25.03	25.20	25.10	25.10	25.17	25.08	24.79	24.68	24.80	24.49	24.26	23.87
		1	2	25.03	25.08	25.15	25.15	25.07	25.08	24.79	24.71	24.83	24.55	24.24	23.89
		1	5	25.09	25.08	25.09	25.13	25.13	25.08	24.80	24.68	24.78	24.41	24.24	23.85
		3	0	25.05	25.05	25.10	25.09	25.03	24.95	24.65	24.73	24.68	24.30	24.03	23.80
		3	1	25.04	25.04	25.12	25.10	25.07	25.00	24.69	24.71	24.77	24.28	24.01	23.74
	64QAM	3	2	25.05	25.02	25.12	25.10	25.02	24.97	24.64	24.72	24.75	24.19	24.01	23.77
		6	0	23.94	23.96	24.05	23.92	23.99	23.86	23.54	23.59	23.67	23.23	23.07	22.94
		1	0	24.02	24.21	24.14	24.12	24.14	24.04	23.53	23.76	23.87	23.33	23.26	23.16
		1	2	23.95	24.24	24.17	24.22	24.18	24.11	23.67	23.78	23.94	23.33	23.27	23.21
		1	5	23.95	24.12	24.17	24.11	24.19	24.15	23.60	23.77	23.78	23.33	23.15	23.19
		3	0	24.02	24.07	24.08	24.07	24.03	24.03	23.56	23.70	23.67	23.30	23.18	23.09
	256QAM	3	1	24.03	24.00	24.06	24.09	24.04	24.04	23.58	23.67	23.67	23.28	23.23	23.12
		3	2	24.02	24.01	24.08	24.09	24.03	24.04	23.57	23.67	23.66	23.30	23.17	23.06
		6	0	22.92	22.96	23.05	22.92	22.91	22.88	22.47	22.52	22.72	22.20	22.08	21.98
		1	0	20.96	21.10	21.04	21.05	21.09	21.00	20.48	20.71	20.67	20.26	20.08	20.11
		1	2	21.15	21.05	21.05	21.03	21.21	21.03	20.56	20.73	20.68	20.24	20.11	20.11
		1	5	20.98	21.06	21.10	21.05	21.06	21.01	20.51	20.69	20.75	20.14	20.05	20.08

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
3.0	QPSK	1	0	25.59	25.45	25.46	25.59	25.54	25.32	25.36	25.30	25.42	25.17	25.11	25.06
		1	7	25.70	25.61	25.67	25.70	25.66	25.49	25.48	25.45	25.50	25.09	25.20	25.15
		1	14	25.61	25.51	25.55	25.63	25.58	25.40	25.39	25.37	25.41	24.95	25.02	25.04
		8	0	24.98	24.92	24.94	24.95	24.94	24.77	24.53	24.54	24.60	24.19	24.14	24.09
		8	4	24.99	24.96	24.98	24.98	24.97	24.81	24.55	24.57	24.63	24.15	24.19	24.09
		8	7	25.01	24.95	24.98	24.97	24.97	24.82	24.57	24.56	24.62	24.10	24.13	24.07
	16QAM	15	0	24.97	24.94	24.97	24.97	24.93	24.81	24.51	24.55	24.57	24.14	24.15	24.07
		1	0	25.06	24.94	25.03	25.18	25.10	24.88	24.69	24.79	24.96	24.41	24.46	24.29
		1	7	25.17	25.12	25.20	25.19	25.10	24.99	24.94	24.99	25.09	24.27	24.37	24.17
		1	14	25.09	24.99	24.99	25.09	25.00	24.82	24.76	24.88	24.80	24.20	24.39	24.16
		8	0	24.01	23.98	24.08	23.96	23.98	23.82	23.62	23.63	23.64	23.22	23.25	23.16
		8	4	24.06	24.02	24.12	24.01	24.02	23.87	23.64	23.64	23.67	23.19	23.26	23.22
	64QAM	8	7	24.04	24.01	24.09	24.01	24.02	23.86	23.64	23.67	23.68	23.19	23.26	23.19
		15	0	24.01	24.00	24.01	23.98	23.95	23.80	23.58	23.57	23.60	23.19	23.20	23.09
		1	0	24.14	24.06	24.21	24.00	24.26	24.08	23.74	23.78	23.70	23.45	23.39	23.30
		1	7	24.18	24.11	24.18	24.18	24.29	24.11	23.89	23.93	23.79	23.50	23.43	23.38
		1	14	24.12	24.02	24.07	24.12	24.21	24.04	23.74	23.76	23.73	23.25	23.33	23.22
		8	0	23.03	22.96	23.02	22.99	22.99	22.84	22.55	22.64	22.63	22.16	22.17	22.09
	256QAM	8	4	23.08	22.99	23.05	23.02	23.01	22.89	22.58	22.68	22.66	22.20	22.20	22.15
		8	7	23.05	23.00	23.05	23.02	23.03	22.88	22.59	22.68	22.65	22.19	22.18	22.13
		15	0	22.99	22.96	22.97	22.96	22.97	22.85	22.56	22.57	22.63	22.12	22.15	22.04
		1	0	20.93	20.97	21.12	20.85	20.87	20.88	20.56	20.54	20.73	20.20	20.16	20.10
		1	7	21.10	21.02	21.24	21.11	21.06	21.02	20.70	20.72	20.80	20.20	20.22	20.16
		1	14	21.03	21.03	21.05	20.98	20.94	20.92	20.61	20.68	20.68	20.04	20.06	20.01

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
5.0	QPSK	1	0	25.54	25.46	25.52	25.60	25.57	25.51	25.29	25.27	25.35	25.20	25.14	25.11
		1	12	25.70	25.63	25.66	25.70	25.65	25.60	25.41	25.40	25.50	25.08	25.18	25.12
		1	24	25.60	25.54	25.56	25.62	25.60	25.50	25.33	25.33	25.34	24.81	25.00	25.00
		12	0	24.94	24.87	24.88	24.92	24.89	24.85	24.39	24.44	24.49	24.13	24.17	24.10
		12	6	24.97	24.91	24.92	24.95	24.90	24.87	24.50	24.47	24.52	24.09	24.16	24.11
	16QAM	12	11	24.94	24.87	24.92	24.93	24.87	24.87	24.47	24.43	24.49	23.98	24.12	24.06
		25	0	24.93	24.90	24.95	24.95	24.89	24.83	24.46	24.44	24.48	24.06	24.13	24.06
		1	0	25.06	24.97	25.10	25.15	25.00	24.92	24.77	24.70	24.78	24.72	24.69	24.53
		1	12	25.15	25.12	25.13	25.19	25.10	25.01	24.84	24.90	24.92	24.43	24.48	24.34
		1	24	25.13	25.04	25.07	25.11	25.01	24.98	24.78	24.72	24.82	24.36	24.55	24.51
	64QAM	12	0	23.94	23.94	24.04	23.97	23.91	23.85	23.47	23.60	23.60	23.28	23.23	23.25
		12	6	23.99	23.98	24.09	23.99	23.95	23.90	23.57	23.64	23.61	23.26	23.24	23.26
		12	11	23.94	23.94	24.07	23.92	23.94	23.85	23.55	23.61	23.61	23.15	23.18	23.24
		25	0	23.94	23.95	23.97	23.93	23.91	23.85	23.49	23.43	23.49	23.08	23.15	23.06
		1	0	23.99	24.01	23.98	24.04	23.93	23.96	23.48	23.52	23.61	23.29	23.24	23.08
	256QAM	1	12	24.07	24.07	24.09	24.14	24.00	24.04	23.57	23.60	23.70	23.14	23.28	23.16
		1	24	24.02	23.95	24.00	24.01	24.13	23.93	23.46	23.55	23.59	22.91	23.09	23.04
		12	0	22.92	22.94	22.96	22.97	22.94	22.94	22.39	22.47	22.55	22.15	22.17	22.08
		12	6	22.95	22.96	22.99	22.96	22.96	22.94	22.51	22.49	22.58	22.13	22.21	22.09
		12	11	22.90	22.95	22.98	22.97	22.89	22.91	22.49	22.46	22.57	22.00	22.12	22.07

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
10.0	QPSK	1	0	25.66	25.59	25.64	25.67	25.54	25.54	25.44	25.43	25.46	25.17	25.15	24.83
		1	24	25.70	25.65	25.68	25.70	25.69	25.65	25.46	25.44	25.50	24.84	25.20	25.08
		1	49	25.66	25.67	25.68	25.63	25.60	25.58	25.42	25.44	25.43	24.44	24.85	25.02
		25	0	25.04	24.91	24.95	24.98	24.94	24.84	24.51	24.48	24.53	23.98	24.13	23.89
		25	12	25.06	25.03	25.00	24.98	24.95	24.85	24.59	24.58	24.53	23.73	24.12	23.99
	16QAM	25	24	25.04	25.02	25.07	25.00	24.92	24.89	24.58	24.56	24.58	23.55	23.98	24.04
		50	0	25.04	25.01	24.98	24.97	24.92	24.83	24.58	24.56	24.51	23.75	24.07	23.93
		1	0	25.12	25.14	25.19	25.10	25.03	25.00	24.89	24.96	25.01	24.55	24.38	24.27
		1	24	25.14	25.16	25.25	25.15	25.00	25.06	24.81	24.93	24.95	24.12	24.39	24.45
		1	49	25.13	25.16	25.27	25.10	25.03	25.04	24.80	24.96	25.00	23.76	24.16	24.42
	64QAM	25	0	24.06	23.97	23.99	23.99	23.93	23.77	23.54	23.52	23.57	23.00	23.19	22.87
		25	12	24.08	24.07	24.03	23.99	23.97	23.81	23.62	23.60	23.57	22.83	23.17	22.95
		25	24	24.03	24.06	24.09	23.96	23.92	23.87	23.61	23.58	23.63	22.65	23.06	23.05
		50	0	24.04	24.02	23.99	23.98	23.92	23.81	23.59	23.57	23.52	22.81	23.08	22.90
		1	0	24.20	24.07	24.17	24.20	24.08	24.03	23.71	23.70	23.88	23.37	23.32	23.08
	256QAM	1	24	24.28	24.14	24.20	24.22	24.20	24.10	23.74	23.75	23.91	23.02	23.39	23.27
		1	49	24.21	24.11	24.18	24.20	24.11	24.00	23.63	23.76	23.85	22.67	23.02	23.16
		25	0	23.03	22.94	22.99	22.98	22.99	22.87	22.52	22.48	22.59	21.97	22.14	21.90
		25	12	23.04	23.03	22.98	23.01	22.96	22.85	22.62	22.59	22.62	21.78	22.16	21.98
		25	24	23.01	23.02	23.05	23.00	22.97	22.93	22.59	22.59	22.63	21.62	22.02	22.02

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
15.0	QPSK	1	0	25.59	25.55	25.56	25.67	25.63	25.59	25.22	25.33	25.44	25.20	25.09	24.59
		1	37	25.70	25.63	25.65	25.69	25.65	25.59	25.25	25.37	25.50	24.62	25.14	25.01
		1	74	25.68	25.68	25.61	25.70	25.66	25.57	25.28	25.40	25.38	24.35	24.80	25.03
		36	0	24.98	24.93	24.98	24.97	24.94	24.89	24.36	24.45	24.55	23.92	24.19	23.73
		36	16	25.04	25.01	24.99	25.04	25.00	24.95	24.44	24.54	24.54	23.65	24.14	23.87
		36	35	25.04	25.01	25.07	25.04	24.97	24.94	24.40	24.52	24.59	23.46	23.97	24.02
		75	0	25.03	25.01	24.99	25.03	24.98	24.89	24.41	24.51	24.53	23.66	24.04	23.86
		1	0	25.25	25.04	25.13	25.28	25.08	25.00	24.42	24.61	24.61	24.53	24.36	23.89
		1	37	25.27	25.09	25.09	25.26	25.08	25.05	24.51	24.55	24.70	23.93	24.42	24.28
	16QAM	1	74	25.22	25.14	25.05	25.33	25.08	24.95	24.45	24.65	24.58	23.67	24.13	24.29
		36	0	24.00	23.95	24.02	24.00	23.94	23.87	23.40	23.47	23.57	22.91	23.20	22.75
		36	16	24.06	24.03	24.00	24.06	24.02	23.95	23.46	23.56	23.55	22.66	23.14	22.90
		36	35	24.04	24.03	24.09	24.06	23.99	23.93	23.42	23.55	23.61	22.45	22.98	23.04
		75	0	24.06	24.02	23.98	24.07	23.99	23.89	23.43	23.54	23.53	22.69	23.05	22.87
		1	0	24.26	24.20	24.21	24.34	24.16	24.22	23.72	23.74	23.87	23.24	23.16	22.77
		1	37	24.25	24.24	24.25	24.36	24.18	24.28	23.70	23.78	23.94	22.75	23.25	23.14
		1	74	24.32	24.30	24.25	24.33	24.24	24.20	23.66	23.81	23.88	22.54	22.92	23.18
		36	0	22.97	22.94	23.00	23.00	22.97	22.92	22.40	22.50	22.60	21.95	22.16	21.75
	64QAM	36	16	23.02	23.02	23.00	23.07	23.03	22.99	22.48	22.60	22.63	21.66	22.14	21.90
		36	35	23.01	23.00	23.04	23.05	23.01	22.98	22.47	22.57	22.69	21.46	22.00	22.03
		75	0	23.01	23.00	23.01	23.06	23.03	22.93	22.51	22.57	22.64	21.69	22.05	21.84
		1	0	21.04	20.96	21.11	21.05	21.01	21.01	20.56	20.60	20.73	20.14	20.03	19.55
		1	37	21.12	21.14	21.19	21.13	21.08	21.15	20.58	20.71	20.80	19.62	20.14	19.95
		1	74	21.15	21.12	21.21	21.17	21.13	21.05	20.59	20.72	20.76	19.39	19.80	20.11
		36	0	20.93	20.92	20.96	21.00	20.95	20.91	20.49	20.53	20.63	19.90	20.18	19.73
		36	16	21.00	20.99	20.97	21.02	21.01	20.96	20.55	20.59	20.61	19.66	20.12	19.87
		36	35	20.97	20.98	21.01	21.02	20.96	20.95	20.51	20.60	20.70	19.44	19.99	20.03
	256QAM	75	0	20.97	20.98	20.94	21.05	21.00	20.91	20.54	20.59	20.61	19.68	20.06	19.86

OUTPUT POWER FOR LTE BAND 66 (20.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 1			ANT 2			ANT 3			ANT 4		
				132072	132322	132572	132072	132322	132572	132072	132322	132572	132072	132322	132572
20.0	QPSK	1	0	25.55	25.67	25.64	25.70	25.64	25.53	25.50	25.38	25.44	25.20	25.00	24.47
		1	49	25.43	25.61	25.68	25.67	25.63	25.54	25.40	25.34	25.47	24.50	25.15	24.79
		1	99	25.55	25.68	25.70	25.69	25.63	25.52	25.42	25.37	25.47	24.50	24.64	25.02
		50	0	24.90	24.97	25.01	24.95	24.92	24.82	24.52	24.47	24.56	23.77	24.19	23.58
		50	24	24.97	25.04	25.04	25.02	25.00	24.91	24.58	24.57	24.66	23.56	24.15	23.80
		50	49	24.98	25.00	25.11	25.00	24.96	24.89	24.55	24.52	24.63	23.42	23.95	24.03
		100	0	25.03	25.00	25.03	25.00	24.96	24.90	24.56	24.54	24.64	23.64	24.05	23.79
		1	0	25.14	25.12	25.18	25.25	25.15	25.01	24.74	24.71	24.69	24.40	24.20	23.77
		1	49	25.34	25.31	25.57	25.22	25.05	25.04	24.83	24.80	24.98	23.78	24.38	24.18
	16QAM	1	99	25.19	25.19	25.15	25.16	25.17	25.05	24.69	24.79	24.72	23.74	23.92	24.26
		50	0	24.00	23.96	24.03	23.93	23.91	23.84	23.52	23.55	23.57	22.77	23.18	22.58
		50	24	24.04	24.03	24.02	24.00	23.97	23.93	23.60	23.64	23.68	22.57	23.16	22.80
		50	49	23.99	24.02	24.12	23.99	23.96	23.91	23.55	23.58	23.64	22.44	22.94	23.02
		100	0	24.02	24.05	24.00	24.00	23.98	23.92	23.57	23.60	23.64	22.64	23.05	22.78
		1	0	24.28	24.16	24.15	24.18	24.18	24.06	23.80	23.73	23.71	23.36	23.13	22.68
		1	49	24.21	24.16	24.37	24.10	24.18	24.08	23.70	23.80	23.88	22.59	23.33	23.04
		1	99	24.15	24.11	24.19	24.16	24.13	24.01	23.74	23.69	23.72	22.66	22.83	23.17
		50	0	22.98	22.93	22.98	22.90	22.93	22.85	22.54	22.53	22.59	21.75	22.17	21.56
	64QAM	50	24	23.03	23.03	22.99	23.00	23.01	22.93	22.59	22.63	22.67	21.55	22.16	21.79
		50	49	23.00	23.00	23.08	22.98	22.98	22.92	22.56	22.60	22.62	21.39	21.95	22.01
		100	0	23.05	23.01	22.99	22.99	22.98	22.92	22.57	22.62	22.63	21.64	22.04	21.75
		1	0	21.18	21.10	21.11	21.12	20.97	21.08	20.70	20.75	20.66	20.27	20.02	19.67
		1	49	21.06	21.08	21.10	21.13	21.04	21.03	20.66	20.73	20.79	19.61	20.33	19.91
		1	99	21.12	21.04	21.17	21.18	21.11	21.09	20.66	20.63	20.78	19.67	19.92	20.29
		50	0	20.96	20.91	20.96	20.90	20.90	20.83	20.47	20.54	20.55	19.75	20.16	19.55
		50	24	21.01	20.99	20.96	20.98	20.96	20.91	20.53	20.64	20.66	19.52	20.15	19.77
		50	49	20.97	20.96	21.05	20.94	20.92	20.87	20.49	20.58	20.63	19.37	19.91	20.01
	256QAM	100	0	21.01	20.97	20.93	20.98	20.95	20.90	20.50	20.60	20.63	19.62	20.04	19.77

5G NR n66

Test Engineer ID:	28774	Test Date:	2/6/2023
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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	25.30	25.18	25.15	25.41	25.27	25.20	25.15	25.13	25.00	24.99	24.74	24.67
		1	1	25.51	25.43	25.42	25.70	25.52	25.44	25.42	25.28	25.25	25.20	24.96	24.75
		1	23	25.55	25.40	25.41	25.70	25.52	25.42	25.37	25.30	25.20	25.17	24.98	24.82
		1	24	25.34	25.21	25.23	25.49	25.31	25.19	25.16	25.13	24.99	24.94	24.71	24.57
		12	6	25.63	25.43	25.47	25.53	25.52	25.41	25.44	25.32	25.25	25.15	24.87	24.91
		25	0	25.35	25.18	25.18	25.39	25.29	25.20	25.22	25.14	25.04	24.93	24.64	24.60
	QPSK	1	0	24.92	24.68	24.64	24.86	24.73	24.72	24.74	24.43	24.54	24.45	24.27	24.21
		1	1	25.70	25.42	25.43	25.59	25.43	25.42	25.41	25.21	25.25	25.19	24.97	24.96
		1	23	25.64	25.39	25.45	25.52	25.45	25.37	25.39	25.10	25.22	25.12	25.14	25.00
		1	24	24.89	24.68	24.69	24.86	24.75	24.68	24.71	24.38	24.46	24.41	24.39	24.27
		12	6	25.62	25.44	25.51	25.65	25.36	25.41	25.50	25.02	25.34	25.08	24.94	24.89
		25	0	24.81	24.78	24.78	24.88	24.67	24.73	24.68	24.25	24.54	24.25	24.21	24.18
	16QAM	1	0	23.81	23.48	23.45	23.64	24.09	23.79	23.35	23.49	23.49	23.25	23.17	23.34
		1	1	24.86	24.47	24.46	24.66	24.93	24.73	24.31	24.34	24.47	24.20	24.22	24.47
		1	23	24.76	24.45	24.42	24.61	24.92	24.71	24.32	24.29	24.33	24.13	24.23	24.48
		1	24	23.72	23.41	23.40	23.59	24.06	23.71	23.32	23.47	23.39	23.09	23.23	23.49
		12	6	24.99	24.83	24.76	25.02	24.57	24.82	24.60	24.20	24.59	24.20	24.34	24.37
		25	0	23.90	23.75	23.65	24.02	23.88	23.79	23.65	23.40	23.48	23.31	23.32	23.41
	64QAM	1	0	23.25	23.14	23.22	23.32	23.58	23.14	23.27	23.28	23.24	23.01	22.47	22.75
		1	1	23.30	23.19	23.28	23.33	23.54	23.22	23.33	23.23	23.26	23.25	22.62	22.84
		1	23	23.27	23.20	23.35	23.27	23.53	23.18	23.36	23.19	23.22	23.06	22.52	22.84
		1	24	23.27	23.15	23.24	23.31	23.48	23.14	23.37	23.30	23.25	23.08	22.51	22.75
		12	6	23.24	23.19	23.07	23.46	23.29	23.22	23.19	22.89	23.04	22.87	22.79	22.86
		25	0	23.31	23.18	23.17	23.44	23.40	23.21	23.23	23.01	23.08	22.84	22.85	22.81
	256QAM	1	0	21.54	20.95	21.31	21.39	21.23	21.24	21.20	21.13	20.98	20.99	20.68	20.90
		1	1	21.55	20.96	21.33	21.42	21.26	21.29	21.14	21.23	20.94	20.91	20.65	20.89
		1	23	21.49	20.96	21.34	21.32	21.24	21.25	21.09	21.23	20.97	20.98	20.67	20.98
		1	24	21.46	20.91	21.36	21.33	21.27	21.22	20.97	21.20	20.85	20.85	20.58	20.87
		12	6	21.41	21.22	21.26	21.44	21.40	21.28	21.22	21.25	20.99	20.82	20.68	20.77
		25	0	21.31	21.19	21.18	21.37	21.38	21.21	21.09	21.20	20.94	20.94	20.74	20.75

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	25.43	25.38	25.35	25.39	25.55	25.24	25.17	25.18	25.06	24.99	24.73	24.72
		1	1	25.70	25.64	25.57	25.58	25.70	25.45	25.42	25.30	25.25	25.20	24.95	24.88
		1	50	25.64	25.59	25.59	25.53	25.65	25.43	25.37	25.36	25.23	25.07	24.90	24.83
		1	51	25.42	25.38	25.38	25.35	25.42	25.21	25.18	25.15	25.01	24.84	24.69	24.66
		25	12	25.65	25.53	25.56	25.66	25.55	25.48	25.42	25.35	25.24	24.95	24.95	24.87
		50	0	25.45	25.35	25.39	25.47	25.41	25.31	25.27	25.18	25.10	24.77	24.83	24.75
	QPSK	1	0	24.96	24.86	24.84	24.92	24.94	24.85	24.76	24.67	24.49	24.38	24.39	24.28
		1	1	25.65	25.63	25.66	25.66	25.69	25.62	25.41	25.31	25.16	25.09	25.19	25.01
		1	50	25.62	25.58	25.64	25.58	25.61	25.59	25.31	25.21	25.11	25.03	25.13	24.96
		1	51	24.81	24.81	24.85	24.87	24.92	24.90	24.67	24.43	24.40	24.27	24.39	24.18
		25	12	25.63	25.61	25.62	25.65	25.42	25.57	25.50	25.10	25.33	24.66	24.95	24.77
		50	0	24.76	24.77	24.86	24.96	24.85	24.87	24.77	24.42	24.61	24.02	24.26	24.10
	16QAM	1	0	23.91	23.66	23.48	24.21	24.12	23.51	23.76	23.67	23.56	23.23	23.14	23.04
		1	1	24.90	24.61	24.55	25.22	25.19	24.58	24.80	24.49	24.60	24.06	24.09	24.13
		1	50	24.95	24.63	24.57	25.23	25.09	24.41	24.78	24.43	24.53	24.01	24.04	24.05
		1	51	23.86	23.64	23.50	24.21	24.06	23.45	23.67	23.59	23.50	23.23	23.09	23.04
		25	12	24.96	24.83	24.87	25.10	24.53	24.92	24.81	24.32	24.57	23.98	24.33	23.98
		50	0	23.89	23.86	23.86	24.04	23.92	23.90	23.73	23.56	23.61	23.28	23.29	23.20
	64QAM	1	0	23.43	23.37	23.26	23.35	23.44	23.34	23.24	23.22	23.10	22.85	22.61	22.67
		1	1	23.38	23.37	23.27	23.37	23.50	23.35	23.18	23.04	23.13	22.91	22.56	22.68
		1	50	23.34	23.30	23.31	23.30	23.29	23.33	23.24	23.10	23.05	22.73	22.62	22.64
		1	51	23.35	23.31	23.28	23.33	23.24	23.31	23.15	23.10	22.94	22.78	22.42	22.61
		25	12	23.43	23.38	23.30	23.51	23.36	23.39	23.32	23.06	23.05	22.86	22.78	22.72
		50	0	23.50	23.36	23.24	23.46	23.40	23.38	23.24	23.18	23.04	22.86	22.74	22.69
	256QAM	1	0	21.29	21.34	21.02	21.41	21.35	21.08	20.99	20.94	21.22	20.72	20.72	20.61
		1	1	21.35	21.31	21.00	21.36	21.38	21.15	20.92	20.95	21.18	20.65	20.79	20.57
		1	50	21.32	21.34	21.07	21.30	21.32	21.10	20.97	20.85	21.13	20.52	20.70	20.63
		1	51	21.26	21.35	21.04	21.30	21.44	21.09	20.82	20.86	21.16	20.80	20.73	20.69
		25	12	21.47	21.31	21.29	21.42	21.53	21.31	21.20	21.20	20.97	20.87	20.79	20.75
		50	0	21.46	21.38	21.28	21.35	21.42	21.26	21.10	21.20	20.96	20.78	20.70	20.70

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	25.48	25.23	25.23	25.32	25.33	25.13	25.28	25.19	25.05	24.77	24.77	24.71
		1	1	25.70	25.52	25.43	25.53	25.57	25.32	25.47	25.46	25.22	24.96	24.97	24.93
		1	77	25.69	25.49	25.56	25.50	25.51	25.30	25.41	25.41	25.07	24.97	24.95	24.89
		1	78	25.54	25.27	25.33	25.33	25.32	25.14	25.22	25.14	24.92	24.72	24.80	24.64
		36	18	25.51	25.39	25.38	25.42	25.39	25.21	25.33	25.30	25.09	24.95	24.84	24.82
		75	0	25.39	25.29	25.28	25.26	25.26	25.09	25.24	25.16	24.97	24.83	24.68	24.53
		1	0	24.83	24.76	24.68	24.95	24.77	24.80	24.81	24.50	24.49	24.49	24.29	24.27
	QPSK	1	1	25.62	25.47	25.48	25.70	25.42	25.48	25.50	25.27	25.17	25.20	24.99	24.94
		1	77	25.59	25.48	25.51	25.67	25.43	25.42	25.47	25.02	25.12	25.08	24.92	24.90
		1	78	24.89	24.78	24.79	24.95	24.73	24.67	24.65	24.27	24.38	24.22	24.23	24.13
		36	18	25.57	25.39	25.42	25.43	24.85	25.26	25.35	24.78	25.17	24.62	24.90	24.60
		75	0	24.64	24.80	24.80	24.80	24.27	24.59	24.66	24.14	24.50	23.98	24.22	23.93
		1	0	23.89	23.83	23.99	23.86	23.83	23.62	23.78	23.65	23.74	23.29	23.39	23.21
		1	1	24.90	24.84	24.97	24.97	24.47	24.63	24.80	24.50	24.81	24.26	24.35	24.19
	16QAM	1	77	24.81	24.88	25.15	24.79	24.48	24.65	24.72	24.25	24.84	24.25	24.27	24.07
		1	78	23.79	23.84	24.06	23.88	23.65	23.47	23.70	23.36	23.79	23.35	23.41	23.09
		36	18	24.80	24.79	24.74	24.59	24.04	24.59	24.54	23.94	24.55	23.84	24.28	23.91
		75	0	23.80	23.81	23.74	23.78	23.48	23.56	23.79	23.29	23.47	23.06	23.23	23.12
		1	0	23.28	23.28	23.25	23.02	23.27	22.82	23.48	23.40	23.09	22.93	22.84	22.80
		1	1	23.32	23.28	23.18	23.05	23.26	22.83	23.46	23.38	23.09	22.89	22.78	22.84
		1	77	23.34	23.19	23.22	23.15	23.12	22.74	23.35	23.02	22.97	22.96	22.77	22.80
	64QAM	1	78	23.22	23.21	23.26	23.16	23.07	22.77	23.33	23.06	22.99	22.81	22.77	22.76
		36	18	23.39	23.23	23.28	23.30	23.03	22.96	23.24	22.82	23.03	22.59	22.65	22.67
		75	0	23.30	23.23	23.18	23.30	23.21	23.06	23.28	22.90	23.01	22.76	22.79	22.67
		1	0	21.38	21.11	21.01	21.58	21.48	20.98	21.27	21.23	20.92	20.84	20.73	20.69
		1	1	21.36	21.24	20.88	21.71	21.42	20.95	21.33	21.28	20.92	20.95	20.67	20.57
		1	77	21.39	21.21	20.95	21.50	21.36	20.96	21.25	21.16	20.80	20.80	20.66	20.57
		1	78	21.31	21.18	20.97	21.38	21.34	20.88	21.04	21.06	20.72	20.74	20.69	20.37
	256QAM	36	18	21.31	21.12	21.17	21.27	21.22	21.00	21.23	21.16	20.97	20.72	20.64	20.58
		75	0	21.33	21.17	21.18	21.28	21.22	21.03	21.21	21.17	20.94	20.72	20.65	20.56

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	25.37	25.27	25.23	25.38	25.49	25.30	25.29	25.20	25.10	24.96	24.84	24.92
		1	1	25.59	25.44	25.54	25.63	25.70	25.53	25.50	25.45	25.30	25.20	25.04	25.16
		1	104	25.57	25.43	25.49	25.59	25.69	25.46	25.48	25.32	25.20	25.13	25.00	25.10
		1	105	25.32	25.27	25.30	25.39	25.44	25.25	25.29	25.11	25.02	24.90	24.80	24.91
		50	25	25.52	25.42	25.40	25.64	25.62	25.43	25.45	25.43	25.28	25.11	25.03	25.01
		100	0	25.34	25.25	25.22	25.47	25.46	25.24	25.34	25.29	25.10	24.94	24.87	24.93
		1	0	24.67	24.81	24.84	24.95	24.65	24.73	24.82	24.57	24.63	24.50	24.46	24.52
	QPSK	1	1	25.67	25.56	25.40	25.66	25.34	25.37	25.50	25.29	25.39	25.16	25.15	25.12
		1	104	25.70	25.46	25.52	25.44	25.40	25.24	25.28	25.12	25.25	25.13	25.17	25.15
		1	105	24.98	24.66	24.83	24.74	24.68	24.59	24.51	24.33	24.54	24.35	24.40	24.44
		50	25	25.57	25.47	25.48	25.50	25.04	25.44	25.45	24.89	25.32	24.91	25.07	25.06
		100	0	24.57	24.74	24.74	24.83	24.47	24.75	24.66	24.26	24.62	24.19	24.41	24.38
		1	0	23.93	23.97	23.50	24.12	24.28	23.49	23.86	23.59	23.74	23.45	23.67	23.26
		1	1	24.94	24.96	24.45	25.25	24.99	24.54	24.90	24.39	24.87	24.41	24.67	24.36
	16QAM	1	104	25.11	24.85	24.44	24.96	25.00	24.55	24.59	24.21	24.69	24.28	24.55	24.19
		1	105	24.07	23.92	23.60	24.21	24.22	23.43	23.84	23.28	23.74	23.45	23.68	23.21
		50	25	24.78	24.67	24.69	24.77	24.36	24.70	24.60	24.09	24.66	23.99	24.42	24.30
		100	0	23.79	23.72	23.71	23.97	23.72	23.69	23.73	23.39	23.59	23.20	23.39	23.45
		1	0	23.53	23.09	23.22	23.54	23.31	23.19	23.41	23.37	23.41	22.98	22.89	22.87
		1	1	23.40	23.07	23.07	23.49	23.39	23.14	23.31	23.29	23.45	22.93	23.02	22.83
		1	104	23.42	23.04	23.09	23.43	23.34	23.19	23.17	23.10	23.34	22.83	22.83	22.86
	64QAM	1	105	23.51	23.12	23.05	23.33	23.20	23.21	23.23	23.17	23.42	22.89	22.85	22.79
		50	25	23.26	23.14	23.15	23.37	23.28	23.22	23.26	22.90	23.04	22.70	22.86	22.86
		100	0	23.29	23.20	23.18	23.41	23.36	23.22	23.20	22.98	23.03	22.83	22.87	22.85
		1	0	21.35	21.22	21.00	21.40	21.65	21.30	21.19	21.41	20.95	20.85	20.89	20.89
		1	1	21.31	21.18	21.16	21.41	21.56	21.19	21.14	21.40	21.11	20.92	20.73	21.04
		1	104	21.27	21.15	21.06	21.37	21.30	21.04	21.00	21.29	20.96	20.73	20.60	20.89
		1	105	21.21	21.18	21.09	21.20	21.28	21.09	21.13	21.35	20.98	20.71	20.63	20.77
	256QAM	50	25	21.22	21.16	21.16	21.31	21.30	21.18	21.12	21.14	21.04	20.79	20.69	20.76
		100	0	21.25	21.15	21.16	21.30	21.36	21.15	21.23	21.15	20.97	20.81	20.81	20.76

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	25.26	25.32	24.96	25.54	25.34	25.36	24.91	25.06	24.76	24.69	24.44	24.47
		1	1	25.47	25.36	25.25	25.70	25.58	25.44	25.50	25.49	25.06	25.20	24.96	24.90
		1	131	25.22	25.18	25.17	25.60	25.33	25.37	25.29	25.23	25.18	25.06	24.82	24.83
		1	132	25.19	25.14	24.80	25.35	25.12	25.18	24.83	24.74	24.68	24.52	24.49	24.36
		64	32	25.20	25.17	25.14	25.50	25.52	25.27	25.21	25.28	25.06	21.16	20.94	20.99
		180	0	25.04	24.94	24.81	25.33	25.19	25.13	24.80	24.81	24.70	19.96	19.77	19.75
	QPSK	1	0	25.04	24.65	24.60	24.91	24.85	24.76	23.92	24.68	24.25	24.06	24.03	23.88
		1	1	25.70	25.32	25.30	25.55	25.56	25.52	24.87	25.38	25.18	25.12	25.04	24.79
		1	131	25.39	25.28	25.02	25.22	25.60	25.41	25.36	25.28	25.30	24.93	24.85	24.84
		1	132	24.78	24.57	24.36	24.77	24.83	24.57	24.32	24.31	24.21	23.93	24.01	23.77
		64	32	25.01	25.17	25.15	25.46	25.18	25.39	24.68	25.27	25.16	21.15	21.08	21.08
		180	0	24.21	24.52	24.32	24.83	24.60	24.62	23.87	24.31	24.17	19.42	19.35	19.30
	16QAM	1	0	23.55	23.92	23.61	23.15	24.23	23.63	23.00	23.26	23.27	23.15	23.02	23.09
		1	1	24.89	24.77	24.75	24.59	25.03	24.88	23.97	24.32	24.15	24.19	24.11	23.97
		1	131	21.68	24.65	24.89	23.85	24.90	24.63	24.29	24.14	24.31	23.93	24.02	23.95
		1	132	23.26	23.56	23.87	23.24	23.92	23.81	23.63	22.96	23.27	22.94	22.89	23.06
		64	32	24.11	24.44	24.30	24.86	24.44	24.46	23.85	24.32	24.24	20.18	20.08	20.01
		180	0	23.34	23.43	23.21	23.88	23.72	23.61	23.00	23.28	23.20	18.48	18.34	18.25
	64QAM	1	0	22.99	23.16	22.80	22.94	23.69	23.26	23.17	23.36	22.80	22.58	22.47	22.23
		1	1	22.66	23.20	22.77	23.12	23.74	22.96	22.44	22.99	22.91	22.56	22.47	22.27
		1	131	22.43	22.71	22.91	22.97	23.14	22.71	23.17	22.72	22.87	22.42	22.42	22.34
		1	132	22.45	23.15	22.82	23.45	23.27	22.96	23.03	22.81	23.04	22.47	22.37	22.45
		64	32	22.72	22.91	22.76	23.40	23.17	23.02	22.35	22.84	22.74	18.63	18.38	18.38
		180	0	22.86	22.82	22.81	23.39	23.20	23.08	22.46	22.81	22.76	17.90	17.80	17.77
	256QAM	1	0	21.37	21.18	20.79	21.47	21.47	21.21	21.00	20.81	20.47	20.53	20.57	20.62
		1	1	21.27	21.01	21.12	21.63	21.21	21.12	20.97	20.87	20.22	20.63	20.62	20.72
		1	131	21.00	20.72	20.84	21.17	21.67	21.06	21.11	20.30	20.74	20.61	23.59	20.55
		1	132	21.03	20.95	20.62	21.25	21.62	21.10	20.93	20.28	20.64	20.46	20.54	20.59
		64	32	21.09	20.88	20.76	21.27	21.12	21.06	20.78	20.67	20.66	16.57	16.46	16.46
		180	0	21.04	20.89	20.77	21.24	21.13	21.00	20.81	20.71	20.68	15.90	15.73	15.75

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	25.50	25.39	25.37	25.49	25.44	25.37	25.22	25.07	25.03	25.02	24.93	25.01
		1	1	25.70	25.61	25.52	25.59	25.58	25.59	25.50	25.20	25.23	25.20	25.17	25.03
		1	158	25.56	25.47	25.58	25.50	25.51	25.43	25.38	25.06	25.15	25.03	25.05	24.98
		1	159	25.20	25.27	25.27	25.33	25.36	25.23	25.11	24.90	24.94	24.81	24.90	24.93
		80	40	25.49	25.57	25.57	25.70	25.67	25.52	25.38	25.33	25.23	25.07	25.08	24.86
		160	0	25.48	25.40	25.37	25.45	25.39	25.38	25.31	25.19	25.06	24.99	24.97	24.83
	QPSK	1	0	24.90	24.98	24.91	24.72	24.61	24.42	24.47	24.42	24.12	24.11	24.26	24.92
		1	1	25.68	25.54	25.48	25.53	25.31	25.20	25.36	25.24	24.97	24.88	25.06	25.02
		1	158	25.40	25.47	25.53	24.93	25.44	25.35	24.60	25.08	25.09	25.06	24.86	24.99
		1	159	24.74	24.78	24.86	24.21	24.75	24.66	23.88	24.29	24.22	24.21	24.07	24.82
		80	40	25.55	25.57	25.64	25.48	25.14	25.48	25.22	24.74	25.23	24.92	25.12	25.09
		160	0	24.84	24.88	24.82	24.80	24.57	24.86	24.40	24.13	24.55	24.16	24.31	24.97
	16QAM	1	0	23.91	23.72	23.70	23.92	23.95	23.69	23.68	23.92	23.07	23.01	23.37	24.35
		1	1	24.95	24.60	24.61	24.67	24.47	24.52	24.58	24.60	23.99	23.99	24.24	25.18
		1	158	24.73	24.59	24.58	24.31	24.65	24.67	23.97	24.53	24.27	23.96	24.13	25.08
		1	159	23.89	23.47	23.59	23.42	23.75	23.61	23.09	23.71	23.49	23.21	23.23	24.43
		80	40	24.74	24.80	24.87	24.82	24.40	24.86	24.39	23.93	24.59	24.12	24.35	25.11
		160	0	23.92	23.88	23.81	24.00	23.81	23.87	23.50	23.27	23.62	23.38	23.53	24.34
	64QAM	1	0	23.46	23.25	23.56	23.49	23.16	22.91	23.14	23.29	22.82	22.70	23.17	23.53
		1	1	23.30	23.24	23.20	23.60	23.11	23.04	23.31	23.30	22.80	22.78	23.00	24.46
		1	158	23.19	23.10	23.18	23.01	22.91	22.91	22.72	22.91	23.01	22.83	22.95	24.51
		1	159	23.23	23.23	23.24	23.03	23.08	22.97	22.71	23.08	23.15	22.70	22.95	23.45
		80	40	23.38	23.31	23.36	23.44	23.08	23.30	23.07	22.65	23.12	22.90	22.84	24.14
		160	0	23.38	23.34	23.38	23.54	23.25	23.43	23.06	22.80	23.14	23.00	22.85	23.37
	256QAM	1	0	21.38	21.43	21.25	21.87	21.72	21.61	21.16	21.20	21.28	20.91	20.86	22.76
		1	1	21.31	21.24	21.18	21.62	21.70	21.48	21.04	20.99	21.11	20.96	20.77	22.96
		1	158	21.23	21.27	21.18	21.72	21.52	21.19	21.11	21.02	20.84	20.76	20.83	22.97
		1	159	21.16	21.41	21.23	21.58	21.44	21.15	21.12	20.96	20.94	20.86	20.65	22.87
		80	40	21.31	21.36	21.32	21.48	21.43	21.31	21.03	20.99	20.99	21.03	20.87	22.86
		160	0	21.32	21.35	21.31	21.47	21.48	21.35	21.13	21.09	21.08	21.06	21.01	23.00

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	352000	345500	349000	352000	345500	349000	352000	345500	349000	352000
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	25.17	25.01	25.20	25.70	25.50	25.30	25.05	24.35	25.14	24.64	24.67	24.59
		1	1	25.36	25.43	25.37	25.55	25.52	25.44	25.50	24.60	25.41	25.04	25.20	24.91
		1	186	24.97	25.04	25.04	25.58	25.37	25.49	25.20	24.53	25.06	24.80	25.01	24.72
		1	187	24.92	24.93	24.81	25.29	25.15	25.25	24.82	24.15	24.65	24.59	24.52	24.32
		90	45	25.08	25.07	24.94	25.46	25.41	25.43	25.14	20.38	25.04	20.75	20.72	20.63
	180	0	24.90	24.84	24.85	25.27	25.16	25.27	24.77	19.26	24.58	19.55	19.47	19.47	
	1	0	24.64	24.70	24.69	25.00	25.02	24.78	24.21	23.96	24.52	24.19	24.10	24.07	
	1	1	25.70	25.43	25.29	25.52	25.46	25.43	25.10	24.71	25.42	25.19	25.07	25.08	
	1	186	25.16	25.16	25.04	25.40	25.25	25.50	25.24	24.48	25.12	24.89	24.66	24.81	
	1	187	24.53	24.29	24.32	24.67	24.53	24.68	24.23	23.64	24.25	23.92	23.99	23.85	
	90	45	25.10	25.05	25.06	25.42	25.45	25.46	25.20	20.42	25.00	20.78	20.72	20.66	
	180	0	24.40	24.36	24.29	24.86	24.75	24.80	24.23	18.80	24.10	19.03	19.01	18.90	
	1	0	23.93	23.83	23.53	23.81	23.75	23.68	23.34	22.93	23.85	22.92	23.08	22.78	
	1	1	24.74	24.60	24.20	25.33	24.87	24.41	24.19	23.89	24.78	24.32	24.01	23.63	
	1	186	24.54	24.45	24.09	24.74	25.15	24.53	24.44	23.78	24.52	23.98	23.78	23.48	
	1	187	23.65	23.47	23.23	24.28	23.64	23.59	23.30	22.91	23.57	22.93	22.80	22.50	
	90	45	24.31	24.22	24.21	24.83	24.77	24.75	24.26	19.41	24.21	19.72	19.75	19.72	
	180	0	23.49	23.37	23.29	23.85	23.75	23.82	23.34	17.60	23.10	18.03	18.01	18.00	
	1	0	22.85	22.85	22.82	23.59	23.11	23.50	22.96	22.22	22.78	22.53	22.55	22.75	
	1	1	22.81	23.08	22.82	23.96	23.25	23.37	23.02	22.04	22.65	22.66	22.62	22.50	
	1	186	22.94	22.51	23.09	23.20	22.93	23.30	22.78	22.08	22.66	22.43	22.53	22.25	
	1	187	22.93	21.71	22.59	23.46	22.92	23.29	22.66	22.01	22.54	22.47	22.42	22.41	
	90	45	22.74	22.80	22.74	23.29	23.19	23.24	22.73	17.89	22.51	18.22	18.22	18.21	
	180	0	22.93	22.89	22.82	23.43	23.25	23.32	22.76	17.15	22.67	17.49	17.53	17.56	
	1	0	21.34	21.27	21.23	21.40	21.39	21.67	20.62	20.63	20.91	20.93	20.89	20.66	
	1	1	21.46	20.97	21.02	21.76	21.70	21.61	20.54	20.43	20.69	20.87	20.89	20.56	
	1	186	21.32	20.51	20.86	21.54	21.35	21.63	20.50	20.32	20.62	20.78	20.70	20.55	
	1	187	20.48	20.60	20.57	21.05	21.05	21.49	20.49	20.17	20.63	20.61	20.73	20.62	
	90	45	20.94	20.79	20.77	21.39	21.17	21.22	20.75	15.91	20.57	16.27	16.26	18.22	
	180	0	21.01	20.79	20.86	21.42	21.38	21.33	20.74	15.13	20.64	15.60	15.47	15.49	

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	25.59	25.47	25.48	25.51	25.47	25.30	25.30	25.32	25.33	24.79	24.91	24.98
		1	1	25.70	25.57	25.54	25.58	25.58	25.48	25.45	25.41	25.44	25.06	25.20	25.20
		1	214	25.66	25.66	25.63	25.52	25.49	25.31	25.34	25.47	25.27	25.00	24.91	24.42
		1	215	25.36	25.38	25.46	25.31	25.25	25.13	25.10	25.24	25.16	24.37	24.20	24.03
		108	54	25.62	25.58	25.53	25.61	25.61	25.50	25.46	25.50	25.44	24.99	24.92	24.85
	216	0	25.48	25.47	25.43	25.49	25.55	25.44	25.35	25.37	25.26	24.71	24.58	24.54	
	1	0	25.08	25.11	24.91	24.95	24.79	24.54	24.64	24.80	24.43	23.27	23.16	23.40	
	1	1	25.59	25.60	25.51	25.70	25.54	25.22	25.46	25.32	25.10	24.10	24.01	24.18	
	1	214	25.57	25.64	25.67	24.99	25.63	25.43	24.61	25.35	25.19	24.05	23.74	23.63	
	1	215	24.93	24.99	24.86	24.28	24.83	24.70	23.76	24.58	24.39	23.29	23.01	22.75	
	108	54	25.65	25.68	25.60	25.40	25.22	25.55	25.23	24.96	25.47	24.25	24.01	23.85	
	216	0	24.95	24.99	24.93	24.80	24.76	24.98	24.48	24.43	24.61	23.38	23.23	23.10	
	1	0	23.79	24.19	23.56	23.91	23.97	23.76	23.81	23.87	23.33	22.37	22.41	22.24	
	1	1	24.95	25.06	24.59	24.81	24.65	24.61	24.73	24.70	24.15	23.17	23.17	23.30	
	1	214	24.64	25.11	24.49	24.16	24.47	24.80	23.80	24.52	24.29	23.16	22.94	22.54	
	1	215	23.73	24.02	23.58	23.43	23.49	23.94	23.04	23.77	23.41	22.18	21.97	21.75	
	108	54	24.92	24.92	24.89	24.70	24.52	24.91	24.46	24.17	24.61	23.46	23.30	23.12	
	216	0	23.97	23.94	23.94	23.93	23.93	23.96	23.60	23.55	23.72	22.68	22.34	22.35	
	1	0	23.47	23.48	23.37	23.40	23.43	23.34	23.49	23.55	23.15	22.13	21.84	21.92	
	1	1	23.43	23.36	23.25	23.31	23.10	23.25	23.46	23.45	23.05	22.07	21.80	22.04	
	1	214	23.45	23.51	23.14	22.91	23.06	23.24	22.73	23.33	23.22	21.99	21.54	21.30	
	1	215	23.26	23.34	23.25	22.75	22.99	23.25	22.66	23.28	23.23	22.11	21.84	21.39	
	108	54	23.39	23.42	23.37	23.32	23.18	23.41	23.19	22.92	23.34	22.10	21.89	21.72	
	216	0	23.40	23.44	23.35	23.36	23.37	23.45	23.16	23.13	23.28	22.11	21.93	21.80	
	1	0	21.42	21.61	21.27	21.46	22.03	21.87	21.59	21.66	21.57	20.42	20.28	20.36	
	1	1	21.27	21.35	21.11	21.33	21.89	21.74	21.23	21.44	21.50	20.83	20.56	20.46	
	1	214	21.57	21.42	21.16	21.37	21.65	21.58	20.98	21.49	21.32	20.46	20.54	19.98	
	1	215	21.38	21.44	21.27	21.53	21.42	21.56	21.23	21.37	21.16	20.64	20.43	19.92	
	108	54	21.37	21.38	21.33	21.44	21.50	21.35	21.35	21.29	21.31	20.68	20.74	20.42	
	216	0	21.41	21.44	21.35	21.52	21.51	21.41	21.39	21.29	21.33	20.78	20.71	20.51	

8.13. 5G NR n70

Test Engineer ID:	19146	Test Date:	2/27/2023
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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	25.32	25.42	25.30	25.21	25.30	25.40	25.17	25.13	25.08	24.76	24.88	24.76
		1	1	25.59	25.65	25.49	25.38	25.54	25.70	25.43	25.36	25.32	24.90	25.11	25.05
		1	23	25.64	25.58	25.50	25.37	25.45	25.58	25.50	25.40	25.30	24.90	25.00	25.00
		1	24	25.40	25.38	25.34	25.17	25.23	25.31	25.15	25.11	25.03	24.76	24.79	24.84
		12	6	25.67	25.59	25.58	25.42	25.43	25.37	25.33	25.25	25.30	25.00	24.97	25.07
		25	0	25.23	25.36	25.32	25.33	25.21	25.17	25.09	25.01	25.03	24.72	24.71	24.69
	QPSK	1	0	24.89	25.03	24.90	24.73	24.74	24.82	24.75	24.56	24.65	24.30	24.44	24.29
		1	1	25.58	25.61	25.64	25.46	25.57	25.57	25.41	25.23	25.37	25.05	25.20	24.99
		1	23	25.58	25.70	25.58	25.51	25.44	25.55	25.38	25.25	25.35	24.96	25.19	24.95
		1	24	24.98	24.99	24.87	24.80	24.77	24.79	24.74	24.57	24.62	24.24	24.44	24.29
		12	6	25.67	25.65	25.60	25.54	25.43	25.35	25.35	25.28	25.31	24.96	25.00	24.98
		25	0	24.95	24.94	24.91	24.84	24.66	24.73	24.68	24.62	24.62	24.25	24.28	24.27
	16QAM	1	0	23.80	23.84	23.76	24.10	23.44	23.71	23.63	23.63	23.70	23.41	23.06	23.48
		1	1	24.84	24.75	24.72	25.13	24.53	24.91	24.45	24.75	24.84	24.42	24.01	24.46
		1	23	24.74	24.80	24.77	25.15	24.46	24.73	24.45	24.76	24.77	24.39	23.98	24.44
		1	24	23.76	23.76	23.76	23.99	23.46	23.84	23.45	23.74	23.70	23.46	23.02	23.39
		12	6	24.90	25.00	24.91	24.91	24.89	24.94	24.55	24.60	24.57	24.40	24.20	24.33
		25	0	23.96	23.91	23.90	23.81	23.77	23.74	23.61	23.60	23.55	23.37	23.23	23.22
	64QAM	1	0	23.46	23.23	23.52	23.42	23.23	23.25	23.39	23.31	23.26	22.84	22.86	22.91
		1	1	23.44	23.28	23.67	23.44	23.26	23.29	23.43	23.27	23.28	22.79	23.05	22.91
		1	23	23.36	23.21	23.62	23.40	23.14	23.28	23.35	23.27	23.25	22.73	22.83	22.89
		1	24	23.33	23.21	23.58	23.35	23.24	23.24	23.36	23.27	23.23	22.88	22.98	22.91
		12	6	23.43	23.43	23.33	23.33	23.30	23.22	23.15	23.11	23.13	22.83	22.89	22.80
		25	0	23.42	23.38	23.32	23.32	23.32	23.26	23.11	23.14	23.13	22.85	22.90	22.72
	256QAM	1	0	21.57	21.43	21.44	21.43	21.28	21.25	20.78	20.89	20.94	20.68	20.99	20.49
		1	1	21.55	21.43	21.41	21.47	21.41	21.23	20.75	20.85	21.01	20.76	21.02	20.50
		1	23	21.44	21.38	21.38	21.42	21.23	21.19	20.77	20.80	20.95	20.69	20.95	20.47
		1	24	21.47	21.38	21.38	21.33	21.22	21.18	20.71	20.86	20.91	20.68	20.96	20.50
		12	6	21.28	21.25	21.30	21.21	21.26	21.24	21.06	21.06	20.96	20.88	20.84	20.83
		25	0	21.38	21.29	21.30	21.33	21.26	21.24	21.07	21.06	21.07	20.83	20.84	20.81

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	25.46	25.41	25.38	25.44	25.54	25.20	25.17	25.13	25.21	24.87	24.76	24.65
		1	1	25.67	25.54	25.54	25.70	25.55	25.43	25.42	25.41	25.43	25.09	24.97	24.88
		1	50	25.62	25.55	25.54	25.61	25.49	25.43	25.34	25.39	25.35	25.05	24.86	24.78
		1	51	25.39	25.35	25.34	25.32	25.18	25.15	25.11	25.12	25.16	24.77	24.62	24.58
		25	12	25.60	25.54	25.56	25.49	25.49	25.50	25.37	25.40	25.23	24.98	24.89	24.88
		50	0	25.49	25.42	25.41	25.26	25.26	25.22	25.26	25.23	25.10	24.85	24.73	24.72
	QPSK	1	0	24.92	24.97	24.94	24.94	24.70	24.73	24.66	24.59	24.70	24.42	24.36	24.21
		1	1	25.70	25.59	25.61	25.67	25.38	25.47	25.50	25.49	25.32	25.13	25.20	24.99
		1	50	25.60	25.60	25.58	25.59	25.34	25.35	25.47	25.45	25.35	24.98	25.04	24.89
		1	51	24.89	24.90	24.87	24.82	24.69	24.64	24.63	24.65	24.67	24.21	24.32	24.13
		25	12	25.64	25.63	25.63	25.46	25.46	25.43	25.48	25.34	25.35	24.90	24.98	24.90
		50	0	24.94	24.94	24.94	24.89	24.74	24.74	24.73	24.74	24.72	24.28	24.28	24.25
	16QAM	1	0	24.14	24.05	24.19	23.80	23.62	23.66	23.81	23.51	23.95	23.09	23.14	23.20
		1	1	25.11	25.01	25.12	24.76	24.64	24.71	24.81	24.60	24.97	24.06	24.19	24.32
		1	50	25.11	24.97	25.09	24.60	24.42	24.59	24.78	24.52	24.86	24.03	24.11	24.26
		1	51	24.02	23.95	24.02	23.64	23.36	23.53	23.72	23.43	23.93	23.05	23.01	23.23
		25	12	24.94	24.92	24.95	24.88	24.80	24.71	24.77	24.70	24.66	24.30	24.29	24.17
		50	0	23.93	23.94	23.97	23.90	23.81	23.82	23.69	23.76	23.75	23.40	23.30	23.36
	64QAM	1	0	23.37	23.40	23.46	23.26	23.18	22.97	23.40	23.34	23.40	22.74	22.80	23.02
		1	1	23.38	23.30	23.35	23.12	23.27	22.93	23.48	23.39	23.42	22.71	23.01	23.00
		1	50	23.26	23.38	23.37	23.21	23.20	22.90	23.37	23.31	23.26	22.65	22.83	22.92
		1	51	23.28	23.48	23.38	23.20	23.19	22.86	23.26	23.31	23.34	22.62	22.84	22.98
		25	12	23.47	23.41	23.36	23.34	23.24	23.29	23.19	23.28	23.23	22.76	22.75	22.76
		50	0	23.46	23.46	23.33	23.34	23.28	23.27	23.18	23.23	23.21	22.76	22.74	22.83
	256QAM	1	0	21.39	21.33	21.22	21.13	21.32	21.37	20.92	20.92	20.89	20.52	20.33	20.35
		1	1	21.42	21.32	21.18	21.05	21.29	21.41	20.93	20.95	20.96	20.45	20.32	20.52
		1	50	21.25	21.28	20.98	21.15	21.26	21.34	20.87	20.81	20.83	20.49	20.19	20.42
		1	51	21.25	21.16	21.04	21.15	21.26	21.26	20.73	20.90	20.87	20.44	20.21	20.47
		25	12	21.40	21.35	21.28	21.45	21.28	21.28	21.16	21.12	21.11	20.78	20.78	20.69
		50	0	21.38	21.43	21.33	21.41	21.21	21.23	21.17	21.15	21.15	20.79	20.73	20.76

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		25.33			25.36			25.17			24.95	
		1	1		25.56			25.62			25.42			25.20	
		1	77		25.54			25.52			25.40			25.11	
		1	78		25.32			25.27			25.10			24.91	
		36	18		25.43			25.33			25.30			25.03	
		75	0		25.28			25.21			25.16			24.90	
	QPSK	1	0		24.92			25.00			24.60			24.49	
		1	1		25.70			25.70			25.50			25.19	
		1	77		25.53			25.67			25.48			25.11	
		1	78		24.88			24.94			24.59			24.41	
		36	18		25.53			25.45			25.39			25.08	
		75	0		24.87			24.80			24.71			24.44	
	16QAM	1	0		23.78			23.87			23.76			23.11	
		1	1		24.82			24.93			24.76			24.14	
		1	77		24.77			24.83			24.57			24.11	
		1	78		23.61			23.88			23.68			23.19	
		36	18		24.87			24.70			24.60			24.48	
		75	0		23.82			23.79			23.67			23.46	
	64QAM	1	0		23.09			23.31			23.17			23.20	
		1	1		23.14			23.27			23.40			23.26	
		1	77		22.96			23.19			23.32			23.16	
		1	78		23.02			23.21			23.30			23.09	
		36	18		23.27			23.23			23.29			23.07	
		75	0		23.28			23.33			23.23			23.06	
	256QAM	1	0		21.45			21.51			21.11			20.87	
		1	1		21.44			21.68			21.12			20.94	
		1	77		21.30			21.64			20.93			20.82	
		1	78		21.34			21.44			21.02			20.85	
		36	18		21.27			21.29			21.23			21.04	
		75	0		21.22			21.35			21.21			20.91	

8.14. LTE BAND 71 AND 5G NR n71

LTE BAND 71

Test Engineer ID:	32061	Test Date:	2/9/2023
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OUTPUT POWER FOR LTE BAND 71 (5.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 1			ANT 2			ANT 3		
				133147	133297	133447	133147	133297	133447	133147	133297	133447
5.0	QPSK	1	0	25.56	25.31	25.39	24.50	24.55	24.58	25.31	25.20	25.32
		1	12	25.70	25.51	25.50	24.54	24.70	24.68	25.40	25.36	25.40
		1	24	25.56	25.37	25.39	24.48	24.54	24.50	25.22	25.18	25.23
		12	0	24.88	24.63	24.76	23.49	23.53	23.58	24.22	24.17	24.35
		12	6	25.01	24.74	24.77	23.58	23.65	23.59	24.31	24.25	24.35
		12	11	24.95	24.73	24.75	23.55	23.61	23.54	24.26	24.20	24.32
		25	0	24.95	24.73	24.74	23.56	23.58	23.55	24.28	24.23	24.33
		1	0	25.18	24.84	24.90	23.67	23.69	23.70	24.66	24.50	24.64
		1	12	25.25	24.98	24.93	23.65	23.79	23.75	24.75	24.56	24.75
	1	24	25.13	24.86	24.86	23.60	23.69	23.66	24.55	24.49	24.61	
	12	0	24.02	23.69	23.85	22.51	22.55	22.52	23.35	23.21	23.44	
	12	6	24.10	23.79	23.88	22.60	22.67	22.57	23.40	23.30	23.48	
	12	11	24.07	23.74	23.85	22.57	22.65	22.55	23.40	23.29	23.41	
	25	0	24.00	23.77	23.79	22.57	22.61	22.57	23.27	23.24	23.36	
	1	0	24.06	23.84	23.92	22.66	22.68	22.62	23.49	23.36	23.58	
	1	12	24.13	23.90	23.98	22.78	22.72	22.78	23.49	23.44	23.56	
	1	24	24.05	23.79	23.89	22.68	22.68	22.63	23.39	23.34	23.49	
	12	0	22.91	22.69	22.81	21.53	21.52	21.61	22.26	22.13	22.37	
	12	6	23.00	22.78	22.83	21.64	21.63	21.65	22.35	22.27	22.37	
	12	11	22.95	22.77	22.77	21.59	21.61	21.63	22.29	22.25	22.36	
	25	0	22.96	22.75	22.79	21.62	21.60	21.60	22.30	22.24	22.32	
	1	0	21.00	20.78	20.91	19.66	19.58	19.74	20.34	20.33	20.37	
	1	12	20.89	20.88	21.02	19.72	19.71	19.73	20.42	20.47	20.39	
	1	24	20.84	20.83	20.87	19.67	19.65	19.69	20.33	20.37	20.30	
	12	0	20.68	20.68	20.77	19.54	19.53	19.63	20.24	20.16	20.33	
	12	6	20.76	20.78	20.80	19.64	19.62	19.63	20.33	20.24	20.35	
	12	11	20.73	20.74	20.76	19.63	19.59	19.60	20.28	20.21	20.31	
	25	0	20.75	20.73	20.77	19.59	19.58	19.61	20.30	20.24	20.31	

OUTPUT POWER FOR LTE BAND 71 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 1			ANT 2			ANT 3		
				133172	133322	133422	133172	133322	133422	133172	133322	133422
10.0	QPSK	1	0	25.70	25.59	25.60	24.65	24.67	24.70	25.40	25.34	25.38
		1	24	25.66	25.61	25.59	24.64	24.66	24.69	25.36	25.31	25.38
		1	49	25.61	25.58	25.55	24.61	24.61	24.59	25.22	25.31	25.25
		25	0	24.94	24.88	24.90	23.60	23.59	23.62	24.32	24.28	24.33
		25	12	25.02	24.97	24.91	23.66	23.60	23.62	24.39	24.36	24.31
		25	24	24.97	24.93	24.95	23.64	23.66	23.66	24.33	24.32	24.36
		50	0	25.01	24.94	24.89	23.66	23.65	23.59	24.34	24.34	24.29
		1	0	25.21	25.09	25.14	23.79	23.78	23.87	24.72	24.80	24.70
		1	24	25.14	25.08	25.13	23.78	23.84	23.82	24.62	24.67	24.63
	1	49	25.11	25.04	25.06	23.75	23.75	23.74	24.63	24.74	24.60	
	25	0	23.98	23.93	23.94	22.60	22.62	22.64	23.34	23.30	23.33	
	25	12	24.04	24.01	23.94	22.68	22.61	22.63	23.38	23.37	23.36	
	25	24	23.99	23.96	23.98	22.65	22.65	22.67	23.32	23.34	23.37	
	50	0	24.01	23.99	23.89	22.66	22.67	22.61	23.35	23.34	23.28	
	1	0	24.06	23.99	24.10	22.94	22.84	22.96	23.64	23.60	23.45	
	1	24	24.02	23.99	24.11	22.93	22.88	22.98	23.61	23.60	23.50	
	1	49	24.00	23.97	24.00	22.86	22.80	22.89	23.49	23.59	23.40	
	25	0	22.93	22.90	22.90	21.61	21.62	21.65	22.34	22.31	22.31	
	25	12	22.99	22.98	22.90	21.69	21.61	21.66	22.41	22.36	22.30	
	25	24	22.96	22.93	22.94	21.66	21.66	21.67	22.32	22.32	22.33	
	50	0	22.99	22.96	22.90	21.67	21.68	21.62	22.36	22.31	22.27	
	1	0	21.03	21.03	21.02	19.72	19.68	19.76	20.43	20.42	20.44	
	1	24	21.15	21.06	21.11	19.82	19.81	19.88	20.46	20.48	20.47	
	1	49	21.05	20.98	21.00	19.73	19.76	19.80	20.40	20.48	20.39	
	25	0	20.92	20.86	20.88	19.59	19.58	19.64	20.29	20.24	20.27	
	25	12	20.99	20.97	20.89	19.67	19.61	19.66	20.37	20.34	20.29	
	25	24	20.96	20.91	20.91	19.64	19.67	19.68	20.32	20.31	20.32	
	50	0	20.95	20.92	20.85	19.68	19.68	19.62	20.35	20.33	20.26	

OUTPUT POWER FOR LTE BAND 71 (15.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 1			ANT 2			ANT 3		
				133197	133297	133397	133197	133297	133397	133197	133297	133397
15.0	QPSK	1	0	25.62	25.56	25.61	24.45	24.60	24.63	25.37	25.35	25.40
		1	37	25.70	25.65	25.68	24.57	24.69	24.70	25.33	25.32	25.36
		1	74	25.60	25.59	25.59	24.53	24.61	24.53	25.26	25.29	25.24
		36	0	24.98	24.99	25.04	23.44	23.66	23.69	24.37	24.35	24.38
		36	16	25.05	25.04	25.05	23.54	23.73	23.67	24.39	24.39	24.37
		36	35	25.02	25.00	25.08	23.52	23.68	23.71	24.36	24.34	24.40
		75	0	25.07	25.05	25.03	23.57	23.72	23.68	24.41	24.38	24.38
	16QAM	1	0	25.19	25.05	25.11	23.80	23.70	23.77	24.63	24.55	24.58
		1	37	25.27	25.20	25.17	23.81	23.82	23.81	24.62	24.70	24.67
		1	74	25.19	25.00	25.01	23.72	23.78	23.61	24.50	24.51	24.48
		36	0	24.02	24.02	24.08	22.58	22.69	22.71	23.38	23.38	23.41
		36	16	24.07	24.06	24.09	22.66	22.78	22.72	23.41	23.41	23.39
		36	35	24.02	24.02	24.11	22.61	22.74	22.74	23.36	23.37	23.42
		75	0	24.06	24.04	24.09	22.69	22.76	22.76	23.43	23.41	23.40
	64QAM	1	0	24.13	24.19	24.31	22.71	22.87	22.95	23.53	23.44	23.46
		1	37	24.17	24.24	24.34	22.78	22.91	22.97	23.51	23.50	23.56
		1	74	24.09	24.18	24.22	22.75	22.93	22.79	23.42	23.43	23.39
		36	0	23.01	22.95	23.06	21.58	21.67	21.71	22.36	22.35	22.39
		36	16	23.07	23.02	23.06	21.66	21.75	21.71	22.42	22.41	22.36
		36	35	23.02	22.97	23.09	21.63	21.72	21.73	22.35	22.35	22.39
		75	0	23.10	23.02	23.06	21.70	21.76	21.71	22.43	22.41	22.38
	256QAM	1	0	21.01	21.05	21.17	19.78	19.75	19.87	20.51	20.37	20.45
		1	37	21.00	21.06	21.19	19.82	19.90	19.89	20.54	20.43	20.49
		1	74	21.06	21.14	21.19	19.82	19.87	19.82	20.58	20.48	20.50
		36	0	21.00	20.81	21.07	19.67	19.71	19.74	20.38	20.38	20.38
		36	16	21.02	20.64	21.04	19.70	19.76	19.70	20.40	20.39	20.35
		36	35	21.00	20.80	21.09	19.69	19.75	19.74	20.36	20.38	20.41
		75	0	21.05	20.95	21.05	19.74	19.75	19.68	20.43	20.41	20.38

OUTPUT POWER FOR LTE BAND 71 (20.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 1			ANT 2			ANT 3		
				133222	133322	133372	133222	133322	133372	133222	133322	133372
20.0	QPSK	1	0	25.66	25.64	25.62	24.66	24.63	24.70	25.18	25.19	25.40
		1	49	25.70	25.66	25.64	24.61	24.62	24.70	25.05	25.12	25.23
		1	99	25.62	25.63	25.56	24.65	24.64	24.57	25.03	25.10	25.35
		50	0	25.06	25.00	24.99	23.70	23.70	23.73	24.14	24.15	24.63
		50	24	25.11	25.06	24.99	23.76	23.67	23.70	24.16	24.20	24.77
		50	49	25.05	25.00	24.98	23.70	23.69	23.73	24.08	24.12	24.77
		100	0	25.13	25.05	24.98	23.79	23.68	23.71	24.17	24.22	24.77
	16QAM	1	0	25.27	25.13	25.11	23.88	23.83	23.82	24.38	24.51	24.90
		1	49	25.55	25.23	25.31	23.94	24.05	24.17	24.53	24.73	25.00
		1	99	25.21	25.04	24.96	23.77	23.78	23.66	24.23	24.54	24.77
		50	0	24.07	24.00	23.98	22.72	22.71	22.73	23.16	23.19	24.69
		50	24	24.10	24.04	23.95	22.77	22.68	22.69	23.17	23.19	23.74
		50	49	24.05	24.00	24.00	22.71	22.70	22.73	23.08	23.13	23.79
		100	0	24.13	24.05	23.97	22.81	22.68	22.72	23.17	23.21	23.76
	64QAM	1	0	24.19	24.11	24.10	22.93	22.86	22.93	23.30	23.27	23.89
		1	49	24.32	24.27	24.23	22.97	23.02	23.02	23.27	23.34	24.02
		1	99	24.10	24.13	24.00	22.89	22.91	22.76	23.14	23.21	23.79
		50	0	23.02	23.00	22.98	21.76	21.76	21.75	22.14	22.15	22.77
		50	24	23.07	23.05	22.96	21.80	21.73	21.71	22.16	22.20	22.75
		50	49	23.00	22.98	22.97	21.75	21.74	21.72	22.07	22.13	22.76
		100	0	23.08	23.06	22.97	21.81	21.71	21.71	22.18	22.23	22.76
	256QAM	1	0	21.20	21.20	21.13	19.92	19.90	19.91	20.30	20.36	20.92
		1	49	21.15	21.14	21.09	19.81	19.81	19.84	20.25	20.27	20.88
		1	99	21.24	21.21	21.12	19.94	19.98	19.86	20.35	20.47	20.91
		50	0	21.00	20.96	20.98	19.77	19.72	19.73	20.14	20.16	20.77
		50	24	21.04	21.02	20.95	19.80	19.72	19.71	20.15	20.19	20.74
		50	49	21.01	20.99	20.96	19.76	19.75	19.76	20.10	20.16	20.75
		100	0	21.06	21.01	20.94	19.80	19.72	19.72	20.19	20.21	20.73

5G NR n71

Test Engineer ID:	25602	Test Date:	1/27/2023
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OUTPUT POWER FOR 5G NR n71 (5.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 1			ANT 2			ANT 3		
				133100	136100	139100	133100	136100	139100	133100	136100	139100
5.0	BPSK	1	0	25.37	25.23	25.13	24.46	24.21	24.13	25.09	24.86	24.77
		1	1	25.54	25.46	25.35	24.67	24.34	24.37	25.23	25.08	25.04
		1	23	25.53	25.45	25.35	24.57	24.44	24.28	25.21	25.06	24.94
		1	24	25.34	25.28	25.14	24.40	24.13	24.03	25.01	24.83	24.73
		12	6	25.58	25.44	25.32	24.58	24.55	24.38	25.26	25.09	25.03
		25	0	25.32	25.26	25.10	24.25	24.19	24.07	24.98	24.74	24.77
	QPSK	1	0	24.30	24.77	24.67	23.84	23.80	23.65	23.96	24.42	24.38
		1	1	25.33	25.49	25.36	24.70	24.52	24.41	25.04	25.13	25.05
		1	23	25.54	25.59	24.95	24.63	24.54	24.32	25.40	25.17	24.41
		1	24	24.84	24.74	23.95	23.80	23.69	23.51	24.60	24.42	23.42
		12	6	25.70	25.56	25.40	24.55	24.49	24.33	25.29	25.11	25.08
		25	0	24.72	24.81	24.65	23.80	23.75	23.58	24.55	24.35	24.32
	16QAM	1	0	23.24	23.84	23.89	22.74	23.00	22.85	23.04	23.37	23.20
		1	1	24.30	24.83	24.86	23.83	23.88	23.72	24.14	24.36	24.10
		1	23	24.87	24.93	24.55	23.70	23.88	23.70	24.31	24.44	23.65
		1	24	23.77	23.77	23.60	22.64	22.91	22.66	23.34	23.40	22.61
		12	6	24.99	24.99	24.75	23.79	23.72	23.53	24.49	24.31	24.26
		25	0	23.70	23.82	23.56	22.78	22.74	22.57	23.52	23.34	23.22
	64QAM	1	0	22.69	23.14	23.24	22.44	22.43	21.97	22.46	22.64	22.92
		1	1	22.82	23.06	23.22	22.37	22.48	22.10	22.64	22.68	22.85
		1	23	23.32	23.08	22.94	22.37	22.37	21.99	22.75	22.77	22.53
		1	24	23.45	23.07	22.93	22.42	22.39	22.04	22.84	22.62	22.38
		12	6	23.44	23.36	23.15	22.40	22.43	22.20	22.88	22.80	22.80
		25	0	23.21	23.23	23.14	22.35	22.30	22.13	22.98	22.74	22.68
	256QAM	1	0	21.62	21.39	21.15	19.87	20.13	19.85	21.12	20.70	20.66
		1	1	21.60	21.22	21.17	19.81	20.00	19.86	21.14	20.74	20.65
		1	23	21.48	21.20	21.09	19.87	19.98	19.74	21.07	20.69	20.60
		1	24	21.48	21.22	21.12	19.85	20.07	19.73	20.97	20.72	20.56
		12	6	21.33	21.09	21.07	20.31	20.27	20.11	20.87	20.83	20.59
		25	0	21.28	21.10	21.12	20.13	20.17	20.08	20.84	20.83	20.74

OUTPUT POWER FOR 5G NR n71 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 1			ANT 2			ANT 3		
				133600	136600	138600	133600	136600	138600	133600	136600	138600
10.0	BPSK	1	0	25.47	25.49	25.22	24.38	24.41	24.33	25.15	25.02	24.98
		1	1	25.70	25.61	25.42	24.54	24.45	24.52	25.40	25.21	25.16
		1	50	25.54	25.59	25.25	24.39	24.45	24.41	25.19	25.18	25.05
		1	51	25.39	25.38	25.09	24.20	24.25	24.24	25.04	24.97	24.87
		25	12	25.48	25.48	25.19	24.47	24.46	24.38	25.19	25.06	25.02
		50	0	25.32	25.35	25.04	24.35	24.33	24.24	25.01	24.90	24.90
	QPSK	1	0	24.15	24.94	24.81	23.94	23.93	23.88	24.17	24.57	24.47
		1	1	25.23	25.63	25.38	24.70	24.52	24.57	25.24	25.26	25.19
		1	50	25.59	25.59	25.27	24.54	24.51	24.39	25.18	25.20	24.63
		1	51	24.74	24.85	24.51	23.77	23.81	23.69	24.49	24.50	23.60
		25	12	25.56	25.60	25.25	24.51	24.56	24.42	25.21	25.10	25.07
		50	0	24.85	24.91	24.56	23.79	23.83	23.74	24.56	24.38	24.43
	16QAM	1	0	23.15	23.71	23.63	22.83	22.95	22.69	22.88	23.44	23.53
		1	1	24.33	24.68	24.59	23.80	23.88	23.62	23.95	24.41	24.46
		1	50	24.55	24.67	24.48	23.79	23.87	23.59	24.20	24.37	23.77
		1	51	23.60	23.57	23.47	22.62	22.81	22.65	23.14	23.27	22.87
		25	12	24.79	24.65	24.63	23.93	23.84	23.70	24.50	24.42	24.33
		50	0	23.85	23.59	23.63	22.82	22.84	22.76	23.52	23.42	23.41
	64QAM	1	0	22.67	23.29	23.21	22.31	22.61	22.47	22.42	22.88	23.06
		1	1	22.77	23.20	23.31	22.52	22.39	22.38	22.56	22.82	23.07
		1	50	23.02	23.21	23.00	22.36	22.54	22.26	22.88	22.87	22.67
		1	51	23.34	23.21	23.04	22.38	22.38	22.34	22.76	22.81	22.52
		25	12	23.35	23.19	23.12	22.35	22.36	22.21	22.98	22.85	22.91
		50	0	23.36	23.13	23.14	22.35	22.35	22.27	22.99	22.81	22.82
	256QAM	1	0	21.37	21.11	21.47	20.18	20.12	19.92	20.91	20.69	21.02
		1	1	21.45	21.07	21.37	20.10	19.98	19.93	20.90	20.75	21.02
		1	50	21.30	21.12	21.37	20.07	19.97	19.79	20.81	20.68	20.80
		1	51	21.21	21.12	21.28	20.06	19.94	19.73	20.74	20.73	20.75
		25	12	21.24	21.12	21.16	20.29	20.27	20.25	20.86	20.91	20.82
		50	0	21.29	21.02	21.10	20.30	20.28	20.17	20.93	20.89	20.77

OUTPUT POWER FOR 5G NR n71 (15.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 1			ANT 2			ANT 3		
				134100	136100	138100	134100	136100	138100	134100	136100	138100
15.0	BPSK	1	0	25.47	25.52	25.43	24.43	24.25	24.25	24.95	25.26	25.14
		1	1	25.69	25.67	25.52	24.70	24.43	24.38	25.25	25.34	25.19
		1	77	25.53	25.56	25.40	24.52	24.36	24.23	25.08	25.30	25.04
		1	78	25.29	25.40	25.13	24.39	24.08	23.97	24.97	25.08	24.85
		36	18	25.42	25.36	25.38	24.44	24.35	24.33	25.13	25.23	25.13
		75	0	25.37	25.33	25.27	24.31	24.21	24.15	25.04	25.13	25.02
	QPSK	1	0	24.79	25.04	24.91	23.93	23.91	23.76	24.10	24.79	24.77
		1	1	25.65	25.70	25.60	24.67	24.46	24.43	25.14	25.40	25.29
		1	77	25.50	25.67	25.47	24.52	24.48	24.28	25.27	25.27	24.76
		1	78	24.77	24.91	24.72	23.85	23.72	23.55	24.53	24.59	23.78
		36	18	25.51	25.49	25.54	24.52	24.40	24.36	25.36	25.31	25.22
		75	0	24.83	24.86	24.86	23.81	23.73	23.68	24.68	24.66	24.60
	16QAM	1	0	23.63	23.94	23.96	23.05	22.85	22.82	23.15	23.62	23.81
		1	1	24.60	24.85	24.73	24.04	23.82	23.82	24.28	24.53	24.61
		1	77	24.52	24.80	24.60	23.87	23.79	23.65	24.75	24.38	23.96
		1	78	23.46	23.84	23.53	22.86	22.76	22.56	23.69	23.55	23.09
		36	18	24.80	24.79	24.80	23.79	23.69	23.66	24.72	24.59	24.47
		75	0	23.86	23.84	23.77	22.82	22.65	22.65	23.65	23.60	23.50
	64QAM	1	0	23.23	23.21	23.40	22.39	22.33	22.36	22.92	23.15	23.22
		1	1	23.19	23.29	23.56	22.48	22.25	22.33	22.86	22.80	23.22
		1	77	23.26	22.86	23.22	22.27	22.17	22.10	23.60	22.95	22.64
		1	78	23.23	23.07	23.18	22.24	22.16	22.23	23.51	23.12	22.48
		36	18	23.39	23.29	23.27	22.32	22.29	22.23	23.18	23.11	23.04
		75	0	23.37	23.32	23.32	22.34	22.29	22.25	23.18	23.09	23.05
	256QAM	1	0	21.46	21.63	21.66	20.09	20.03	20.14	20.86	20.87	21.06
		1	1	21.49	21.49	21.43	20.18	19.83	19.98	20.91	20.72	20.95
		1	77	21.26	21.37	21.26	20.08	19.88	19.87	20.91	20.71	20.80
		1	78	21.19	21.32	21.19	20.07	19.93	19.74	20.90	20.68	20.75
		36	18	21.30	21.27	21.21	20.28	20.23	20.17	21.15	21.06	21.03
		75	0	21.29	21.28	21.16	20.22	20.19	20.18	21.08	21.03	21.00

OUTPUT POWER FOR 5G NR n71 (20.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				ANT 1			ANT 2			ANT 3		
				134600	136600	137600	134600	136600	137600	134600	136600	137600
20.0	BPSK	1	0	25.29	25.23	25.23	24.52	24.53	24.44	25.20	24.99	25.06
		1	1	25.44	25.35	25.25	24.68	24.59	24.54	25.40	25.12	25.21
		1	104	25.27	25.21	25.09	24.44	24.54	24.31	25.18	25.00	24.87
		1	105	25.02	25.06	24.93	24.25	24.34	24.07	24.97	24.78	24.71
		50	25	25.34	25.37	25.29	24.52	24.52	24.44	25.18	25.12	25.08
		100	0	25.18	25.11	24.99	24.43	24.36	24.24	25.10	24.93	24.89
	QPSK	1	0	24.77	24.86	24.83	24.06	24.09	24.01	24.18	24.59	24.61
		1	1	25.70	25.45	25.34	24.67	24.70	24.61	25.26	25.14	25.21
		1	104	25.47	25.40	25.22	24.49	24.55	24.34	25.07	25.02	24.69
		1	105	24.69	24.67	24.49	23.77	23.79	23.63	24.43	24.27	23.71
		50	25	25.41	25.36	25.35	24.51	24.58	24.45	25.20	25.13	25.19
		100	0	24.66	24.64	24.55	23.93	23.84	23.76	24.56	24.43	24.40
	16QAM	1	0	23.73	23.95	23.87	23.11	22.87	22.83	23.18	23.69	23.66
		1	1	24.71	24.68	24.61	24.08	23.82	23.79	24.16	24.68	24.63
		1	104	24.53	24.63	24.60	23.79	23.83	23.68	24.42	24.49	23.77
		1	105	23.66	23.56	23.59	22.79	22.80	22.52	23.43	23.36	22.81
		50	25	24.63	24.62	24.65	23.77	23.86	23.70	24.39	24.47	24.50
		100	0	23.63	23.65	23.49	22.85	22.82	22.74	23.51	23.43	23.43
	64QAM	1	0	23.23	23.23	23.35	22.77	22.77	22.67	22.70	23.07	23.12
		1	1	23.29	23.30	23.13	22.84	22.66	22.64	22.71	22.93	22.94
		1	104	23.02	22.98	22.89	22.73	22.48	22.45	23.08	23.00	22.37
		1	105	23.12	23.04	23.00	22.67	22.41	22.30	22.87	22.88	22.20
		50	25	23.11	23.03	23.10	22.33	22.35	22.26	22.95	22.96	22.88
		100	0	23.09	23.08	22.99	22.42	22.35	22.21	23.03	22.94	22.88
	256QAM	1	0	21.40	21.24	21.16	19.96	19.78	20.13	20.68	20.83	21.04
		1	1	21.46	21.06	21.01	19.92	19.81	19.94	20.67	20.67	20.97
		1	104	21.20	21.13	21.01	19.82	19.91	19.66	20.62	20.59	20.71
		1	105	21.24	21.12	21.02	19.90	19.83	19.69	20.67	20.54	20.68
		50	25	21.02	21.06	20.98	20.34	20.30	20.18	20.89	20.83	20.79
		100	0	21.09	21.06	21.05	20.41	20.25	20.14	20.95	20.81	20.76

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

Test Engineer ID:	50822	Test Date:	2/13/2023
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OUTPUT POWER FOR 5G NR n77 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 7			ANT 8			ANT 9			ANT 4		
				630333 3455.0	633332 3500.0	636333 3545.0	630333 3455.0	633332 3500.0	636333 3545.0	630333 3455.0	633332 3500.0	636333 3545.0	630333 3455.0	633332 3500.0	636333 3545.0
10.0	BPSK	1	0	24.99	24.88	25.11	22.51	22.47	22.56	23.52	23.24	23.40	20.91	21.21	21.22
		1	1	28.50	28.52	28.64	25.89	25.97	26.06	27.00	26.79	26.92	24.46	24.65	24.60
		1	22	28.50	28.52	28.55	25.99	25.99	26.10	27.09	26.91	26.79	24.35	24.61	24.64
		1	23	24.94	24.94	25.01	22.54	22.46	22.57	23.58	23.36	23.16	21.18	21.06	21.04
		12	6	28.51	28.52	28.52	25.97	26.02	26.15	26.96	26.72	26.76	24.53	24.70	24.55
	QPSK	24	0	28.04	28.03	28.01	25.51	25.50	25.65	26.62	26.25	26.27	24.02	24.10	24.11
		1	0	25.00	25.05	25.18	22.54	22.55	22.64	23.61	23.30	23.28	20.94	21.16	21.22
		1	1	28.56	28.56	28.67	26.02	26.08	26.20	27.10	26.76	26.66	24.57	24.68	24.64
		1	22	28.52	28.70	28.63	26.00	26.11	26.16	26.80	26.83	26.78	24.48	24.68	24.64
		1	23	24.94	25.02	24.94	22.45	22.57	22.60	23.19	23.18	23.17	20.86	21.16	21.07
	16QAM	12	6	28.51	28.58	28.57	26.01	26.06	26.10	24.03	26.79	26.76	24.45	24.55	24.61
		24	0	27.57	27.55	27.49	25.00	24.89	25.02	25.96	25.80	25.76	23.45	23.64	23.62
		1	0	24.93	24.99	25.11	22.56	22.34	22.87	23.50	23.26	23.33	21.21	21.02	21.18
		1	1	27.70	27.48	27.69	25.05	24.72	25.39	25.91	25.64	25.76	23.83	23.57	23.73
		1	22	27.58	27.35	27.73	25.13	24.79	25.37	26.06	25.60	25.79	23.67	23.63	23.61
	64QAM	1	23	25.03	25.03	25.02	22.52	22.31	22.79	23.48	23.03	23.17	21.25	21.16	21.06
		12	6	27.46	27.38	27.60	25.01	24.93	25.10	25.72	25.62	25.68	23.56	23.72	23.58
		24	0	26.54	26.53	26.58	23.96	24.06	24.14	24.83	24.66	24.78	22.40	22.56	22.67
		1	0	25.02	25.01	25.22	22.74	22.72	22.57	23.53	23.19	23.23	21.03	21.11	21.34
		1	1	26.13	26.04	26.32	23.60	23.75	23.51	24.79	24.22	24.20	21.97	22.10	22.24
	256QAM	1	22	26.09	26.09	26.15	23.51	23.70	23.48	24.46	24.17	23.97	21.99	21.98	22.19
		1	23	25.14	24.95	25.24	22.55	22.68	22.34	23.41	23.12	23.21	20.97	21.14	21.28
		12	6	26.09	26.05	26.19	23.52	23.49	23.54	24.23	24.25	24.12	21.98	22.06	22.07
		24	0	26.00	26.06	26.14	23.37	23.49	23.56	24.29	24.19	24.09	21.94	22.02	22.14
1		0	23.90	23.61	24.15	22.04	21.75	21.81	22.53	22.69	22.45	19.88	19.84	20.21	

OUTPUT POWER FOR 5G NR n77 (15.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 7			ANT 8			ANT 9			ANT 4		
				630500 3457.5	633332 3500.0	636166 3542.5	630500 3457.5	633332 3500.0	636166 3542.5	630500 3457.5	633332 3500.0	636166 3542.5	630500 3457.5	633332 3500.0	636166 3542.5
15.0	BPSK	1	0	25.14	24.96	24.95	22.66	22.49	22.60	23.35	23.64	26.81	21.15	21.04	20.96
		1	1	28.70	28.52	28.51	26.15	26.00	26.12	26.91	27.10	26.81	24.68	24.52	24.55
		1	36	28.70	28.55	28.56	26.17	26.04	26.12	26.96	26.97	26.77	24.42	24.57	24.49
		1	37	25.06	24.98	24.90	22.56	22.49	22.59	23.39	23.54	23.23	20.95	21.06	20.91
		18	9	28.63	28.55	28.50	26.05	25.98	25.98	26.81	26.99	26.75	24.44	24.37	24.45
	QPSK	36	0	28.10	28.01	27.99	25.62	25.47	25.51	26.44	26.45	26.36	23.96	24.01	23.97
		1	0	25.10	24.92	24.96	22.65	22.56	22.62	23.56	23.53	23.26	21.23	21.07	21.03
		1	1	28.64	28.48	28.53	26.20	26.08	26.03	26.93	27.02	26.88	24.70	24.56	24.52
		1	36	28.68	28.53	28.50	26.17	26.08	26.00	27.00	27.05	26.88	24.69	24.57	24.50
		1	37	25.17	24.94	24.93	22.57	22.47	22.59	23.43	23.45	23.30	21.16	24.57	21.04
	16QAM	18	9	28.62	28.51	28.48	26.09	25.92	26.03	26.87	27.01	26.86	24.43	24.37	24.41
		36	0	27.59	27.50	27.48	24.98	24.90	24.99	25.86	25.92	25.78	23.49	23.44	23.41
		1	0	25.31	25.04	25.14	22.57	22.40	22.50	23.70	23.33	23.61	21.12	21.16	21.20
		1	1	27.69	27.66	27.69	25.00	24.89	24.99	26.11	25.86	26.08	23.64	23.76	23.51
		1	36	27.79	27.63	27.49	25.08	24.93	25.08	26.19	25.85	26.14	23.60	23.64	23.53
	64QAM	1	37	25.22	25.26	25.13	22.48	22.43	22.43	23.67	23.45	23.56	21.31	21.18	21.03
		18	9	27.67	27.46	27.54	25.10	24.97	25.21	25.87	25.95	25.75	23.64	23.46	23.55
		36	0	26.53	26.48	26.38	24.09	23.98	24.01	24.90	25.01	24.77	22.51	22.42	22.43
		1	0	25.24	25.09	25.16	22.45	22.60	22.72	23.39	23.44	23.29	21.24	21.12	20.93
		1	1	26.15	26.20	26.36	23.70	23.75	23.73	24.09	24.36	24.47	22.13	22.10	21.69
	256QAM	1	36	26.36	26.24	26.23	23.59	23.69	23.55	24.45	24.38	24.14	22.24	22.11	21.86
		1	37	25.32	25.13	25.27	22.56	22.69	22.70	23.26	23.31	23.26	21.19	21.16	20.83
		18	9	26.01	25.87	25.91	23.59	23.52	23.58	24.38	24.45	24.34	22.10	22.09	21.99
		36	0	26.03	25.99	25.98	23.54	23.50	23.53	24.43	24.32	24.30	22.07	21.94	21.96
1		0	23.85	23.83	23.71	21.93	21.67	21.96	22.65	22.56	22.53	20.04	20.09	20.22	

OUTPUT POWER FOR 5G NR n77 (20.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 7			ANT 8			ANT 9			ANT 4		
				630666	633332	635998	630666	633332	635998	630666	633332	635998	630666	633332	635998
20.0	BPSK	1	0	25.12	24.95	24.97	22.54	22.49	22.61	23.12	23.23	23.49	21.21	21.06	21.02
		1	1	28.67	28.54	28.58	26.16	25.97	26.18	26.66	26.89	26.88	24.64	24.52	24.56
		1	49	28.66	28.60	28.54	26.10	26.13	26.14	26.71	26.72	26.95	24.64	24.49	24.52
		1	50	25.10	25.04	25.00	22.52	22.55	22.59	23.18	23.22	23.40	21.10	21.03	20.91
		25	12	28.62	28.56	28.59	26.07	25.94	26.05	26.74	26.95	26.92	24.60	24.40	24.47
	50	0	28.11	28.09	28.04	25.61	25.43	25.52	26.17	26.43	26.51	24.14	23.97	23.98	
	QPSK	1	0	25.15	25.15	25.06	22.64	22.46	22.59	23.14	23.48	23.45	21.13	21.02	20.94
		1	1	28.70	28.62	28.54	26.20	26.00	26.00	26.63	27.10	27.07	24.68	24.58	24.43
		1	49	28.70	28.70	28.56	26.16	25.93	26.05	26.82	27.07	27.03	24.70	24.54	24.39
		1	50	25.17	25.10	24.99	22.58	22.52	22.60	23.15	23.48	23.34	21.11	20.91	20.96
		25	12	28.63	28.59	28.60	26.10	25.89	26.06	26.84	27.05	27.04	24.63	24.46	24.45
	16QAM	50	0	27.60	27.52	27.56	25.12	24.98	25.01	25.75	25.98	26.00	23.65	23.40	23.44
		1	0	25.24	25.03	25.14	22.54	22.49	22.60	23.07	23.37	23.55	21.23	21.12	21.18
		1	1	27.75	27.54	27.73	25.09	24.96	25.02	25.72	25.74	26.07	23.65	23.41	23.74
		1	49	27.71	27.42	27.58	25.08	25.08	25.13	25.73	25.79	26.02	23.56	23.58	23.76
		1	50	25.16	25.07	24.97	22.48	22.53	22.69	23.16	23.15	23.44	21.22	20.80	21.17
	64QAM	25	12	27.55	27.54	27.52	25.03	25.03	25.02	25.73	25.98	25.91	23.62	23.44	23.51
		50	0	26.55	26.52	26.59	24.08	23.95	24.08	24.86	25.07	25.00	22.61	22.46	22.44
		1	0	25.04	25.51	25.31	22.70	22.84	22.70	23.46	23.70	23.50	21.29	21.11	21.14
		1	1	26.17	26.41	26.18	23.87	23.59	23.60	24.47	24.96	24.86	22.27	22.06	22.00
		1	49	26.23	26.46	26.16	23.66	23.63	23.69	24.13	24.43	25.11	22.16	22.04	21.94
	256QAM	1	50	25.01	25.38	25.18	22.69	22.64	22.77	23.37	23.24	23.70	21.23	21.11	21.06
		25	12	26.08	26.02	25.98	23.55	23.57	23.59	24.33	24.42	24.50	22.02	21.91	22.00
		50	0	26.08	25.99	26.02	23.61	23.60	23.68	24.26	24.48	24.53	22.10	21.94	22.00
		1	0	23.94	23.79	23.86	21.80	22.01	21.80	22.50	22.46	22.28	19.93	19.85	19.94
		1	1	23.84	23.83	23.74	21.86	21.76	21.81	22.31	22.38	22.44	19.98	19.93	19.79
	64QAM	1	49	23.85	23.96	23.78	21.82	21.78	21.74	22.40	22.41	22.29	20.03	19.83	19.81
		1	50	23.81	23.83	23.83	21.86	21.76	21.67	22.29	22.32	22.55	20.12	19.99	19.72
		25	12	23.97	24.00	24.04	21.51	21.49	21.53	22.14	22.44	22.60	20.13	19.92	20.00
		50	0	23.99	23.98	23.99	21.54	21.53	21.54	22.23	22.43	22.52	20.03	19.88	19.98

OUTPUT POWER FOR 5G NR n77 (30.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 7			ANT 8			ANT 9			ANT 4		
				631000	633332	635666	631000	633332	635666	631000	633332	635666	631000	633332	635666
30.0	BPSK	1	0	25.07	25.09	25.01	22.64	22.60	22.67	23.45	23.47	23.30	21.17	21.01	21.08
		1	1	28.69	28.54	28.60	26.07	26.09	26.20	27.04	26.92	27.02	24.70	24.57	24.57
		1	76	28.55	28.56	28.60	25.97	26.06	26.16	27.10	26.74	26.91	24.55	24.42	24.52
		1	77	24.94	25.07	24.93	22.53	22.64	22.61	23.31	23.34	23.39	20.95	20.94	21.06
		36	18	28.56	28.49	28.52	26.06	25.95	26.07	26.80	26.69	26.80	24.56	24.42	24.53
	QPSK	75	0	28.06	28.01	28.05	25.63	25.56	25.55	26.30	26.27	26.34	24.06	23.99	24.01
		1	0	25.08	25.11	25.13	22.73	22.58	22.63	23.12	23.49	23.44	21.11	21.07	21.11
		1	1	28.54	28.62	28.70	26.19	26.14	26.08	26.75	26.99	26.96	24.57	24.62	24.61
		1	76	28.59	28.60	28.64	26.09	26.12	26.14	26.67	26.92	26.97	24.61	24.56	24.54
		1	77	24.94	25.11	25.10	22.55	22.55	22.54	23.06	23.29	23.35	21.03	21.03	21.02
	16QAM	36	18	28.49	28.45	28.54	25.99	26.08	26.11	26.54	26.88	26.85	24.53	24.43	24.50
		75	0	27.53	27.46	27.47	25.08	25.09	25.12	25.62	25.88	25.83	23.52	23.49	23.50
		1	0	25.21	24.84	25.12	22.51	22.69	22.53	23.49	23.36	23.29	21.18	21.29	21.04
		1	1	27.69	27.22	27.66	24.99	25.13	25.24	25.69	26.08	25.91	23.74	23.81	23.64
		1	76	27.62	27.32	27.65	24.89	25.05	25.23	25.97	25.87	25.79	23.66	23.61	23.35
	64QAM	1	77	25.10	24.81	25.01	22.45	22.71	22.72	23.29	23.57	23.14	21.03	21.13	20.86
		36	18	27.42	27.42	27.49	24.98	25.05	25.14	25.76	25.74	25.94	23.53	23.49	23.52
		75	0	26.50	26.39	26.47	24.07	24.07	24.12	24.65	24.82	24.85	22.57	22.49	22.54
		1	0	25.10	25.27	25.12	22.63	22.57	22.48	23.16	23.52	23.36	21.16	21.27	20.91
		1	1	26.11	26.13	26.21	23.68	23.66	23.29	24.38	24.28	24.49	22.17	22.29	21.96
	256QAM	1	76	26.12	26.31	26.05	23.79	23.36	23.47	24.27	24.41	24.42	22.15	22.26	22.04
		1	77	25.08	25.22	25.03	22.53	22.62	22.50	23.03	23.03	23.46	21.13	21.13	20.85
		36	18	25.97	25.88	25.97	23.45	23.51	23.58	24.26	24.21	24.34	22.01	21.88	21.92
		75	0	26.07	25.99	26.00	23.48	23.51	23.64	24.31	24.32	24.43	22.06	21.95	22.01
		1	0	24.00	23.97	23.77	21.83	21.81	21.95	22.47	22.49	22.31	19.92	19.96	19.71
	64QAM	1	1	23.80	23.90	23.85	21.92	21.79	21.82	22.43	22.32	22.67	19.86	19.83	19.66
		1	76	23.82	23.71	23.71	21.69	21.79	22.04	22.41	22.56	22.26	20.12	19.81	19.64
		1	77	23.75	23.80	23.94	21.94	21.97	22.02	22.38	22.39	22.30	19.76	19.75	19.60
		36	18	23.98	23.96	23.92	21.57	21.47	21.59	22.11	22.26	22.23	19.97	19.88	19.86
		75	0	23.94	23.97	23.93	21.49	21.51	21.57	22.27	22.38	22.36	19.98	19.94	19.97

OUTPUT POWER FOR 5G NR n77 (40.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)												
				ANT 7			ANT 8			ANT 9			ANT 4			
				631332	633332	635332	631332	633332	635332	631332	633332	635332	631332	633332	635332	
40.0	BPSK	1	0	25.16	25.10	25.14	22.64	22.63	22.74	23.38	23.40	23.44	19.56	20.91	20.63	
		1	1	28.66	28.54	28.60	26.13	26.11	26.05	27.10	26.82	26.99	23.07	24.32	24.04	
		1	104	28.68	28.61	28.64	26.20	26.16	26.17	27.01	26.87	26.95	24.53	23.66	22.50	
		1	105	24.94	25.09	25.11	22.61	22.60	22.71	23.43	23.23	23.36	20.95	20.04	18.94	
		50	25	28.47	28.40	28.56	26.00	26.06	26.15	26.90	26.80	26.70	23.73	24.40	23.00	
		100	0	27.99	28.02	27.99	25.58	25.47	25.53	26.39	26.33	26.31	23.25	23.79	22.54	
		QPSK	1	0	25.10	25.06	25.12	22.59	22.62	22.69	23.41	23.42	23.32	19.67	21.02	20.72
			1	1	28.70	28.61	28.59	26.08	26.10	26.07	27.07	26.88	26.86	23.15	24.38	24.22
			1	104	28.64	28.60	28.70	26.00	26.12	26.20	26.82	26.86	26.85	24.70	23.73	22.56
			1	105	25.02	25.18	25.06	22.50	22.62	22.62	23.35	23.27	23.33	21.20	20.15	19.05
	50		25	28.55	28.46	28.58	26.02	25.99	26.00	26.92	26.76	26.73	23.82	24.35	23.03	
	100		0	27.43	27.48	27.48	25.07	25.05	25.01	25.82	25.87	25.77	22.90	23.24	22.11	
	16QAM		1	0	24.91	24.73	25.09	22.57	22.62	22.94	23.21	23.16	23.05	19.62	20.92	20.76
			1	1	27.29	27.33	27.61	25.01	25.08	25.24	25.71	25.72	25.22	22.01	23.38	23.21
			1	104	27.36	27.39	27.46	25.24	25.11	25.45	25.85	25.76	25.48	23.41	22.78	21.68
			1	105	24.80	24.84	25.14	22.55	22.56	22.84	23.37	23.35	22.79	21.00	20.10	19.06
		50	25	27.44	27.41	27.49	24.99	25.07	25.15	25.81	25.80	25.72	22.79	23.45	21.99	
		100	0	26.46	26.43	26.52	23.99	24.07	24.15	24.87	24.86	24.76	21.83	22.28	21.08	
		64QAM	1	0	25.30	25.19	25.16	22.82	22.49	22.70	23.52	23.82	23.29	19.86	21.11	20.62
			1	1	26.36	26.19	26.29	23.63	23.48	23.83	24.66	24.61	24.67	20.88	22.01	21.74
			1	104	26.16	26.23	26.14	23.77	23.60	23.60	24.40	24.35	24.39	22.11	21.05	20.21
			1	105	25.32	25.25	25.17	22.74	22.68	22.58	23.74	23.33	23.47	21.34	20.14	19.05
	50		25	25.99	25.90	25.96	23.46	23.49	23.61	24.22	24.33	24.30	21.30	21.96	20.52	
	100		0	26.00	25.94	26.07	23.54	23.57	23.65	24.30	24.33	24.34	21.30	21.88	20.58	
	256QAM		1	0	23.74	23.77	24.01	21.80	21.99	22.01	22.37	22.58	22.33	18.14	19.59	19.69
			1	1	23.96	23.97	23.93	21.93	22.05	21.85	22.52	22.62	22.34	18.15	19.31	19.34
			1	104	23.67	23.93	23.80	21.80	22.07	21.95	22.28	22.44	22.25	19.71	18.66	17.68
			1	105	24.03	24.10	23.71	21.81	21.99	21.90	22.22	22.59	22.28	19.66	18.82	17.70
		50	25	23.86	23.95	23.93	21.49	21.44	21.50	22.18	22.39	22.32	19.20	19.84	18.49	
		100	0	23.91	23.98	23.97	21.56	21.49	21.58	22.23	22.29	22.34	19.24	19.78	18.56	

OUTPUT POWER FOR 5G NR n77 (50.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)												
				ANT 7			ANT 8			ANT 9			ANT 4			
				631666	633332	634998	631666	633332	634998	631666	633332	634998	631666	633332	634998	
50.0	BPSK	1	0	25.17	25.08	25.10	22.67	22.59	22.43	23.41	23.35	23.35	19.90	20.87	21.21	
		1	1	28.61	28.65	28.57	26.06	25.91	26.09	26.94	27.10	27.06	23.32	24.53	24.70	
		1	131	28.39	28.58	28.48	25.86	25.97	25.81	26.77	26.89	26.76	24.56	23.40	22.46	
		1	132	24.91	24.94	24.88	22.35	22.35	22.47	23.11	23.32	23.20	21.05	19.76	18.89	
		64	32	28.50	28.58	28.61	25.88	25.96	25.96	26.80	26.76	26.82	24.08	24.54	23.32	
		128	0	28.03	28.01	28.05	25.48	25.49	25.47	26.32	26.31	26.41	23.54	23.90	22.87	
		QPSK	1	0	25.13	25.27	25.08	22.57	22.66	22.54	23.24	23.29	23.46	19.76	20.84	21.06
			1	1	28.67	28.70	28.57	26.20	26.00	26.06	26.97	26.95	26.98	23.30	24.46	24.63
			1	131	28.59	28.69	28.61	26.04	25.92	25.94	26.67	26.81	26.76	24.56	23.45	22.38
			1	132	25.00	25.09	24.90	22.45	22.51	22.43	23.26	23.13	23.21	21.06	19.80	19.06
	64		32	28.56	28.45	28.60	25.97	26.00	25.94	26.84	26.81	26.92	24.18	24.60	23.34	
	128		0	27.53	27.47	27.54	24.93	25.00	24.96	25.81	25.83	25.78	23.11	23.36	22.38	
	16QAM		1	0	24.94	25.45	25.12	22.49	22.53	22.35	23.37	23.60	23.27	19.72	20.97	21.24
			1	1	27.42	27.95	27.66	24.78	25.02	24.71	25.99	25.84	25.98	22.18	23.25	23.67
			1	131	27.18	27.85	27.68	24.70	24.92	24.63	25.28	25.89	25.65	23.49	22.55	21.55
			1	132	24.75	25.26	25.06	22.17	22.40	22.30	23.27	23.28	22.94	21.12	19.82	18.97
		64	32	27.51	27.60	27.59	24.92	24.95	24.94	25.81	25.71	25.70	23.09	23.60	22.40	
		128	0	26.50	26.60	26.59	23.91	23.93	23.96	24.77	24.75	24.80	22.12	22.44	21.39	
		64QAM	1	0	25.19	25.21	25.13	22.72	22.44	22.28	23.53	23.93	23.49	19.72	20.93	21.22
			1	1	26.53	26.27	26.25	23.46	23.33	23.26	23.89	25.03	24.60	20.60	21.87	22.07
			1	131	26.02	26.32	25.98	23.45	23.21	23.22	24.22	24.48	24.02	22.06	20.87	19.85
			1	132	25.12	25.11	25.06	22.54	22.31	22.35	22.99	23.54	23.03	20.93	19.93	19.00
	64		32	25.92	25.96	25.97	23.46	23.44	23.43	24.31	24.29	24.19	21.63	21.99	20.86	
	128		0	25.92	26.00	26.02	23.56	23.46	23.45	24.32	24.28	24.27	21.62	21.90	20.94	
	256QAM		1	0	24.11	24.09	23.68	21.75	21.78	21.72	22.41	22.33	22.52	18.76	19.57	19.70
			1	1	23.80	24.09	23.70	21.92	21.68	21.57	22.22	22.46	22.21	18.57	19.76	20.01
			1	131	23.72	23.93	23.72	21.64	21.55	21.69	21.96	22.11	22.14	19.87	18.72	17.51
			1	132	23.85	24.00	23.93	21.84	21.53	21.46	22.20	22.52	21.81	19.92	18.68	17.54
		64	32	24.00	23.92	23.95	21.49	21.37	21.54	22.30	22.27	22.19	19.71	20.03	18.85	
		128	0	23.95	23.97	24.00	21.41	21.43	21.43	22.29	22.29	22.13	19.68	19.88	18.90	

OUTPUT POWER FOR 5G NR n77 (60.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 7			ANT 8			ANT 9			ANT 4		
				632000	633332	634666	632000	633332	634666	632000	633332	634666	632000	633332	634666
60.0	BPSK	1	0	25.05	25.15	25.06	22.77	22.64	22.55	23.37	23.51	23.52	19.61	20.48	21.03
		1	1	28.70	28.57	28.45	26.20	26.13	26.02	26.95	27.04	26.85	23.17	24.05	24.70
		1	160	28.59	28.54	28.54	26.09	26.11	26.15	26.96	27.10	26.90	24.19	23.04	22.37
		1	161	25.14	25.07	24.98	22.53	22.62	22.48	23.32	23.32	23.26	20.63	19.51	18.87
		81	40	28.53	28.55	28.67	26.10	26.10	26.15	26.90	26.84	26.84	24.34	24.45	23.51
		162	0	28.08	28.02	28.14	25.59	25.61	25.62	26.42	26.36	26.30	23.59	23.71	23.00
	QPSK	1	0	25.10	25.06	25.06	22.60	22.58	22.49	23.35	23.50	23.36	19.69	20.64	21.14
		1	1	28.66	28.47	28.55	26.13	26.10	26.11	26.83	27.01	26.89	23.13	24.12	24.62
		1	160	28.61	28.56	28.66	25.96	26.10	25.87	26.88	26.94	26.87	24.29	23.25	22.40
		1	161	25.00	24.99	25.04	22.63	22.42	22.37	23.25	23.43	23.31	20.70	19.65	18.74
		81	40	28.59	28.52	28.59	26.10	26.08	26.10	26.99	26.89	26.83	24.25	24.45	23.62
		162	0	27.48	27.55	27.57	25.05	25.04	25.13	25.87	25.82	25.77	23.03	23.09	22.57
	16QAM	1	0	25.01	25.28	25.27	22.81	22.65	22.65	22.92	23.34	23.47	19.65	20.84	21.30
		1	1	27.24	27.95	27.82	25.25	25.06	25.07	26.05	25.69	26.08	22.11	23.10	23.60
		1	160	27.33	28.07	27.84	25.18	24.94	24.81	25.58	25.68	25.77	23.20	22.37	21.43
		1	161	24.75	25.24	25.24	22.79	22.56	22.43	22.99	23.12	23.12	20.95	19.61	19.03
		81	40	27.44	27.50	27.55	24.99	25.12	25.16	25.90	25.88	25.84	23.24	23.31	22.53
		162	0	26.54	26.55	26.51	24.08	24.05	24.11	24.81	24.82	24.75	22.09	22.04	21.59
	64QAM	1	0	25.10	25.32	25.33	22.66	22.43	22.32	23.79	23.73	23.37	19.77	20.47	21.52
		1	1	26.17	25.95	26.05	23.56	23.46	23.34	24.75	24.80	24.64	20.92	21.53	22.24
		1	160	26.02	26.29	26.17	23.42	23.44	23.67	24.57	24.80	24.40	21.81	20.43	20.29
		1	161	25.12	25.04	25.00	22.35	22.57	22.50	23.32	23.62	23.69	20.66	19.62	19.07
		81	40	26.00	26.13	26.12	23.64	23.61	23.63	24.40	24.42	24.36	21.74	21.89	21.12
		162	0	26.01	25.97	26.12	23.62	23.61	23.58	24.32	24.33	24.44	21.57	21.56	21.03
	256QAM	1	0	24.06	23.77	23.94	22.08	21.93	21.79	22.56	22.12	22.61	18.34	19.46	20.01
		1	1	24.03	23.68	23.82	22.00	22.19	21.70	22.29	22.08	22.11	18.30	19.43	19.97
		1	160	24.09	23.91	23.91	21.91	21.99	21.65	22.24	22.09	22.04	19.47	18.54	17.47
		1	161	23.90	23.78	23.68	21.70	21.84	21.76	22.37	22.16	22.13	19.32	18.48	17.75
		81	40	23.91	24.00	23.99	21.61	21.54	21.51	22.43	22.36	22.35	19.77	19.86	19.01
		162	0	23.96	24.04	23.98	21.55	21.54	21.56	22.40	22.36	22.28	19.62	19.62	19.00

OUTPUT POWER FOR 5G NR n77 (70.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 7			ANT 8			ANT 9			ANT 4		
				632333	633332	634333	632333	633332	634333	632333	633332	634333	632333	633332	634333
70.0	BPSK	1	0	25.00	25.05	25.11	22.44	22.74	22.51	23.49	23.30	23.46	20.00	20.66	21.13
		1	1	28.56	28.58	28.56	26.09	26.15	25.84	27.04	26.92	27.04	23.49	24.23	24.59
		1	187	28.37	28.43	28.52	25.89	26.20	25.96	26.81	26.86	26.70	23.99	23.14	22.57
		1	188	24.85	25.04	25.05	22.46	22.57	22.42	23.13	23.20	23.18	20.30	19.44	19.06
		90	45	28.54	28.49	28.50	25.95	25.92	26.02	26.88	26.80	26.85	24.60	24.70	24.19
		180	0	27.97	27.98	28.00	25.49	25.47	25.54	26.29	26.34	26.34	23.90	23.87	23.53
	QPSK	1	0	25.11	25.00	24.97	22.62	22.67	22.53	23.41	23.46	23.37	20.04	20.58	21.27
		1	1	28.56	28.70	28.69	26.08	26.10	26.01	26.92	27.01	27.10	23.56	24.11	24.68
		1	187	28.58	28.62	28.54	26.18	25.92	25.94	26.82	26.95	26.63	23.93	23.21	22.58
		1	188	24.91	25.09	25.03	22.48	22.43	22.51	23.23	23.33	23.11	20.37	19.73	19.18
		90	45	28.57	28.52	28.51	25.96	25.93	25.99	26.84	26.83	26.83	24.60	24.63	24.10
		180	0	27.45	27.50	27.53	25.01	25.00	24.96	25.82	25.80	25.78	23.35	23.38	23.00
	16QAM	1	0	24.98	25.02	25.46	22.15	22.29	22.28	23.56	23.87	23.20	19.98	20.68	21.45
		1	1	27.47	27.46	27.60	24.68	24.65	24.55	25.99	26.47	25.74	22.31	23.11	23.73
		1	187	27.55	27.32	27.54	24.42	24.75	24.64	25.80	26.15	25.47	22.85	22.27	21.99
		1	188	24.83	24.93	25.20	21.92	22.47	22.03	23.56	23.41	23.37	20.33	19.58	19.48
		90	45	27.46	27.43	27.50	24.97	24.89	24.94	25.70	25.88	25.78	23.53	23.64	23.03
		180	0	26.51	26.45	26.52	24.01	23.91	24.05	24.76	24.82	24.79	22.26	22.37	21.96
	64QAM	1	0	25.08	24.73	25.13	22.60	22.67	22.59	23.78	23.50	23.74	20.04	20.88	21.20
		1	1	26.29	25.88	26.28	23.58	23.67	23.49	24.20	24.79	24.22	21.05	21.73	22.28
		1	187	25.95	25.97	26.27	23.30	23.70	23.51	24.76	24.39	24.32	21.42	20.75	20.16
		1	188	24.85	24.83	25.27	22.15	22.49	22.70	23.22	23.18	23.38	20.62	19.60	19.14
		90	45	25.93	25.90	25.93	23.55	23.48	23.44	24.29	24.29	24.29	22.01	22.08	21.69
		180	0	26.00	25.94	25.97	23.52	23.53	23.52	24.39	24.33	24.36	21.83	21.79	21.59
	256QAM	1	0	23.61	23.67	23.97	21.78	21.97	21.99	22.38	22.35	22.39	18.15	19.02	19.88
		1	1	23.86	23.72	23.81	21.33	21.65	21.82	22.28	22.55	22.49	18.56	19.49	19.93
		1	187	23.43	23.70	23.91	21.44	21.75	21.53	22.11	22.44	21.84	19.18	18.21	17.77
		1	188	23.55	23.56	23.66	21.55	21.79	21.65	22.02	22.53	21.80	19.10	18.23	17.92
		90	45	23.90	23.92	23.99	21.53	21.49	21.44	22.29	22.33	22.25	20.24	20.20	19.67
		180	0	23.96	23.96	23.95	21.51	21.54	21.52	22.29	22.26	22.29	19.96	19.87	19.56

OUTPUT POWER FOR 5G NR n77 (80.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 7			ANT 8			ANT 9			ANT 4		
				632666	633332	633998	632666	633332	633998	632666	633332	633998	632666	633332	633998
80.0	BPSK	1	0	25.09	24.94	25.13	22.67	22.62	22.54	23.48	23.12	23.58	19.85	20.36	20.71
		1	1	28.41	28.70	28.51	25.99	25.97	25.92	27.02	27.10	26.85	23.29	23.84	24.22
		1	215	28.53	28.65	28.57	25.97	25.92	25.98	26.83	26.85	26.83	23.51	22.80	22.58
		1	216	24.92	25.01	25.05	22.62	22.61	22.35	23.19	23.01	23.13	19.95	19.51	19.01
		108	54	28.54	28.58	28.54	26.10	26.03	26.04	26.86	26.76	26.84	24.70	24.62	24.17
		216	0	27.88	27.99	28.01	25.46	25.49	25.56	26.26	26.24	26.33	23.76	23.69	23.46
	QPSK	1	0	25.02	25.07	25.04	22.69	22.77	22.46	23.33	23.38	22.32	19.84	20.55	20.92
		1	1	28.59	28.61	28.63	26.18	25.88	26.02	26.67	26.68	25.99	23.44	23.90	24.29
		1	215	28.27	28.48	28.38	26.20	26.17	26.06	26.71	26.76	25.89	23.42	22.90	22.59
		1	216	24.88	25.07	24.99	22.55	22.48	22.58	23.15	23.21	22.54	19.90	19.24	19.06
		108	54	28.54	28.55	28.59	26.05	26.07	26.03	26.75	26.85	25.94	24.68	24.54	24.25
		216	0	27.51	27.47	27.48	24.99	24.97	25.02	25.68	25.69	24.77	23.23	23.15	22.98
	16QAM	1	0	25.13	25.22	25.23	23.25	22.82	22.52	23.27	23.39	22.38	19.41	20.50	20.99
		1	1	27.65	27.58	27.37	25.37	25.28	24.68	26.01	25.78	24.76	22.00	23.01	23.71
		1	215	27.74	27.69	27.41	25.52	25.29	24.75	25.92	25.74	24.34	22.01	22.25	21.64
		1	216	24.96	25.13	25.05	22.75	22.60	22.42	23.46	23.45	21.67	19.58	19.52	19.38
		108	54	27.45	27.45	27.53	24.98	24.99	25.01	25.74	25.75	24.88	23.64	23.57	23.28
		216	0	26.50	26.47	26.55	24.00	24.03	24.04	24.70	24.83	23.97	22.16	22.10	22.01
	64QAM	1	0	24.69	25.31	25.04	23.12	22.69	22.83	23.48	23.11	22.61	19.68	20.35	20.86
		1	1	26.00	26.17	26.09	23.71	23.47	23.40	24.71	24.64	23.92	20.82	21.55	21.84
		1	215	25.89	26.11	26.20	23.68	23.61	23.47	24.40	24.51	23.71	21.00	20.76	20.29
		1	216	25.15	25.16	24.91	22.84	22.40	22.44	23.58	23.36	22.91	20.06	19.67	19.26
		108	54	25.96	25.96	25.96	23.43	23.44	23.49	24.29	24.26	23.48	22.08	22.04	21.78
		216	0	25.94	25.99	25.96	23.41	23.50	23.47	24.30	24.27	23.44	21.71	21.62	21.60
	256QAM	1	0	23.82	23.55	23.73	21.55	21.47	21.32	22.40	22.46	21.74	18.66	19.25	19.49
		1	1	23.37	23.39	23.51	21.41	21.02	20.93	22.40	22.27	21.35	18.68	18.89	19.30
		1	215	23.67	23.92	23.36	21.35	21.47	21.05	22.22	22.31	21.68	18.41	18.14	17.84
		1	216	23.89	23.62	23.79	21.11	21.32	21.12	21.96	22.23	21.47	18.79	18.20	17.68
		108	54	23.92	23.89	24.00	21.50	21.58	21.56	22.30	22.26	21.57	20.19	20.09	19.75
		216	0	23.96	23.99	23.95	21.49	21.44	21.52	22.22	22.32	21.51	19.87	19.72	19.53

OUTPUT POWER FOR 5G NR n77 (90.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 7			ANT 8			ANT 9			ANT 4		
				633000	633332	633666	633000	633332	633666	633000	633332	633666	633000	633332	633666
90.0	BPSK	1	0	25.08	25.01	25.17	22.64	22.62	22.46	23.16	23.15	23.44	20.24	20.38	20.45
		1	1	28.53	28.60	28.67	26.05	25.82	25.95	26.77	27.10	26.97	23.41	23.76	23.86
		1	243	28.58	28.58	28.43	25.99	25.85	25.98	26.75	26.84	26.78	22.90	22.90	22.82
		1	244	25.04	25.05	25.00	22.48	22.47	22.44	22.90	23.27	23.10	19.73	19.44	19.26
		120	60	28.52	28.57	28.63	25.97	26.07	26.05	26.66	26.82	26.86	24.70	24.60	24.52
		243	0	28.06	28.01	28.05	25.45	25.47	25.37	26.01	26.15	26.22	23.69	23.68	23.60
	QPSK	1	0	25.30	25.14	25.09	22.74	22.63	22.41	23.21	23.42	23.28	20.17	20.17	20.47
		1	1	28.65	28.60	28.53	26.03	26.02	25.95	26.75	26.81	26.94	23.50	23.81	23.95
		1	243	28.70	28.70	28.59	26.20	25.98	26.02	26.55	26.77	26.88	23.11	23.03	22.83
		1	244	25.11	25.05	25.05	22.60	22.33	22.35	23.11	23.08	23.28	19.51	19.48	19.03
		120	60	28.49	28.51	28.62	26.03	25.99	26.01	26.67	26.84	26.94	24.66	24.61	24.46
		243	0	27.53	27.53	27.55	24.98	24.95	24.90	25.74	25.69	25.77	23.20	23.16	23.07
	16QAM	1	0	24.97	25.18	25.26	22.53	22.55	22.47	23.88	23.26	23.30	20.04	20.42	20.17
		1	1	27.30	27.49	27.62	24.71	25.22	24.99	25.81	25.52	26.03	22.97	22.76	22.84
		1	243	27.21	27.67	27.87	25.03	25.15	25.02	25.64	26.14	26.05	22.29	22.20	21.72
		1	244	24.86	24.96	25.16	22.29	22.72	22.46	23.53	23.45	23.06	19.83	19.63	19.21
		120	60	27.62	27.56	27.58	25.02	24.95	24.92	25.61	25.77	25.86	23.59	23.67	23.48
		243	0	26.47	26.60	26.46	23.89	23.96	23.97	24.67	24.77	24.80	22.16	22.15	22.03
	64QAM	1	0	24.79	25.25	25.26	22.80	22.96	22.74	23.26	23.61	23.41	20.11	20.39	20.26
		1	1	26.06	26.13	26.10	23.62	24.04	23.49	24.19	23.98	24.52	21.14	21.18	21.51
		1	243	26.30	26.29	26.43	23.77	24.21	23.43	24.41	24.34	24.30	20.65	20.62	20.41
		1	244	24.96	25.55	25.32	22.85	22.93	22.68	23.20	23.53	23.44	19.57	19.57	19.42
		120	60	26.06	26.04	26.03	23.41	23.42	23.44	24.26	24.16	24.36	22.06	22.20	21.92
		243	0	26.11	26.06	26.08	23.50	23.48	23.47	24.26	24.27	24.31	21.68	21.63	21.62
	256QAM	1	0	24.38	24.32	24.46	21.79	21.38	21.30	23.05	22.35	22.16	18.79	18.74	19.03
		1	1	24.67	24.21	24.45	21.30	20.98	21.30	22.04	22.70	22.45	18.57	19.02	19.20
		1	243	24.60	24.05	24.58	21.72	21.32	21.53	22.06	22.14	22.50	18.17	18.44	17.98
		1	244	24.57	24.43	24.23	21.43	21.28	21.59	22.55	22.11	21.96	18.28	18.22	18.06
		120	60	23.97	24.01	24.03	21.44	21.50	21.44	22.27	22.23	22.26	20.17	20.10	20.09
		243	0	24.02	24.03	24.00	21.43	21.39	21.43	22.13	22.26	22.24	19.69	19.67	19.63

OUTPUT POWER FOR 5G NR n77 (100.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 7			ANT 8			ANT 9			ANT 4		
				N/A	633332	N/A	N/A	633332	N/A	N/A	633332	N/A	N/A	633332	N/A
100.0	BPSK	1	0		25.09			25.03			23.36		20.21		
		1	1		28.62			25.98			26.80		23.44		
		1	271		28.63			25.95			26.82		22.95		
		1	272		24.92			24.93			23.32		19.34		
		135	67		28.58			26.20			26.96		24.70		
		270	0		28.01			25.96			26.48		23.67		
	QPSK	1	0		25.22			25.18			23.55		20.10		
		1	1		28.61			26.08			27.06		23.37		
		1	271		28.70			26.03			26.81		23.00		
		1	272		25.10			25.02			23.35		19.29		
		135	67		28.48			26.01			27.10		24.63		
		270	0		27.45			26.02			25.85		23.15		
	16QAM	1	0		24.96			25.26			23.39		19.66		
		1	1		27.66			26.01			25.67		22.33		
		1	271		27.68			25.99			25.91		21.90		
		1	272		24.98			25.08			23.33		19.05		
		135	67		27.59			26.00			25.95		23.65		
		270	0		26.46			25.92			24.84		22.14		
	64QAM	1	0		24.98			24.99			23.80		20.19		
		1	1		25.75			25.93			24.15		21.13		
		1	271		25.99			25.84			24.54		20.63		
		1	272		24.96			24.95			23.82		19.47		
		135	67		26.05			25.98			24.39		22.11		
		270	0		25.98			25.92			24.35		21.76		
	256QAM	1	0		24.23			24.21			22.52		19.02		
		1	1		24.31			23.84			22.38		18.50		
		1	271		24.34			24.13			23.00		18.08		
		1	272		24.10			23.49			22.50		18.16		
		135	67		23.99			23.93			22.36		20.22		
		270	0		24.00			23.95			22.37		19.67		

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

Test Engineer ID:	50822	Test Date:	2/20/2023
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OUTPUT POWER FOR 5G NR n77 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 7			ANT 8			ANT 9			ANT 4		
				647000	656000	665000	647000	656000	665000	647000	656000	665000	647000	656000	665000
10.0	BPSK	1	0	24.47	25.13	24.63	21.79	22.05	22.65	25.03	25.02	24.63	21.09	21.10	20.65
		1	1	28.31	28.68	28.20	25.29	25.64	26.16	28.62	28.70	28.22	24.66	24.63	24.25
		1	22	28.42	28.61	28.13	25.32	25.57	26.14	28.57	28.57	28.23	24.62	24.56	24.16
		1	23	24.82	25.06	24.56	21.79	22.06	22.47	25.05	24.92	24.62	21.06	21.10	20.60
		12	6	28.46	28.70	28.17	25.32	25.58	26.20	28.68	28.58	28.17	24.53	24.56	24.25
		24	0	27.92	28.20	27.67	24.85	25.12	25.80	28.07	28.05	27.68	23.94	24.10	23.70
		1	0	24.85	25.20	24.63	21.79	22.24	22.67	24.97	25.01	24.66	20.95	21.11	20.79
		1	1	28.53	28.63	27.85	25.28	25.70	26.18	28.54	28.64	28.21	24.52	24.67	24.35
	QPSK	1	22	28.47	28.53	27.70	25.39	25.72	26.14	28.53	28.61	28.12	24.46	24.65	24.31
		1	23	24.88	25.09	24.57	21.86	22.16	22.55	24.97	24.94	24.48	20.95	21.07	20.71
		12	6	28.40	28.26	27.42	25.36	25.68	26.16	28.63	28.56	28.12	24.49	24.70	24.25
		24	0	27.51	27.29	26.49	24.39	24.66	25.10	27.61	27.65	27.09	23.41	23.57	23.28
		1	0	24.95	24.99	24.61	21.74	21.91	22.56	25.22	25.16	24.85	20.71	21.19	20.89
		1	1	27.50	27.18	26.84	24.20	24.48	24.94	27.66	27.86	27.28	23.11	23.59	23.24
		1	22	27.64	27.08	26.58	24.21	24.47	25.00	27.66	27.57	27.38	23.06	23.55	23.29
		1	23	25.05	24.80	24.70	21.81	21.91	22.43	25.25	25.16	24.81	20.63	21.00	20.88
	16QAM	12	6	27.69	27.42	26.55	24.48	24.68	25.20	27.67	27.76	27.19	23.47	23.56	23.20
		24	0	26.61	26.37	25.65	23.34	23.61	24.29	26.58	26.66	26.18	22.41	22.56	22.18
		1	0	25.26	25.20	24.73	21.85	22.28	22.80	24.92	25.02	24.75	21.02	21.11	20.63
		1	1	26.25	26.25	25.35	22.79	23.34	23.84	26.05	25.88	25.82	22.54	22.16	21.64
		1	22	26.23	26.20	25.30	22.93	23.06	23.84	26.01	26.02	25.75	22.42	22.07	21.53
		1	23	25.16	25.28	24.62	21.93	22.11	22.81	24.79	25.18	24.69	21.49	21.01	20.63
		12	6	26.08	25.82	25.12	22.88	23.16	23.63	26.15	26.06	25.62	22.34	21.97	21.72
		24	0	26.14	26.04	25.13	22.89	23.15	23.77	26.13	26.21	25.60	22.27	21.98	21.71
	64QAM	1	0	24.09	24.07	23.58	20.79	21.33	21.48	24.10	24.39	23.77	20.29	20.15	19.59
		1	1	24.08	23.96	23.38	20.92	21.22	21.40	24.08	24.43	23.85	20.30	20.07	19.66
		1	22	24.06	23.99	23.32	20.94	21.14	21.48	24.04	24.35	23.83	20.43	19.92	19.56
		1	23	24.10	23.84	23.48	20.69	21.19	21.38	24.02	24.08	23.64	20.39	19.86	19.47
		12	6	24.12	24.17	23.69	20.97	21.23	21.68	24.15	24.15	23.61	20.47	20.03	19.62
		24	0	24.11	24.09	23.62	20.94	21.10	21.58	24.11	24.16	23.59	20.46	20.16	19.70

OUTPUT POWER FOR 5G NR n77 (15.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 7			ANT 8			ANT 9			ANT 4		
				647166	656000	664833	647166	656000	664833	647166	656000	664833	647166	656000	664833
15.0	BPSK	1	0	25.01	25.18	24.57	21.49	22.08	22.62	25.10	24.36	21.01	20.60	20.29	
		1	1	28.62	28.70	28.03	25.12	25.38	26.12	28.70	28.43	27.83	24.48	24.30	23.91
		1	36	28.57	28.68	28.03	25.28	25.46	26.15	28.67	28.43	27.82	24.30	24.08	23.63
		1	37	24.91	25.11	24.45	21.74	22.10	22.58	25.10	24.77	24.19	20.85	20.58	20.15
		18	9	28.47	28.61	28.04	25.13	25.50	26.08	28.61	28.42	27.83	24.43	24.16	23.66
		36	0	27.99	28.09	27.62	24.67	25.01	25.63	28.07	27.77	27.35	23.96	23.66	23.22
		1	0	25.02	25.04	24.52	21.60	22.04	22.51	25.16	24.93	24.26	21.07	20.90	20.29
		1	1	28.36	28.35	27.34	25.15	25.47	26.13	28.66	28.39	27.91	24.70	24.44	23.76
	QPSK	1	36	28.37	28.10	27.24	25.25	25.66	26.20	28.56	28.39	27.68	24.51	24.28	23.72
		1	37	25.10	25.06	24.58	21.73	22.10	22.64	25.03	24.81	24.32	20.88	20.71	20.13
		18	9	28.09	27.96	27.02	25.19	25.50	26.14	28.52	28.29	27.67	24.49	24.28	23.74
		36	0	27.30	27.02	26.09	24.10	24.52	25.08	27.47	27.28	26.55	23.50	23.28	22.67
		1	0	24.88	25.02	24.66	21.61	22.00	22.63	24.92	24.64	24.17	21.29	20.98	19.87
		1	1	27.12	27.05	26.01	24.22	24.85	25.16	27.36	27.05	26.73	23.77	23.59	22.30
		1	36	27.00	26.96	26.02	24.45	24.71	25.21	27.68	27.27	26.38	23.64	23.19	22.33
		1	37	25.02	24.83	24.49	21.66	22.15	22.75	24.78	24.68	24.18	21.01	20.67	19.77
	16QAM	18	9	27.36	26.91	26.06	24.12	24.53	25.10	27.43	27.32	26.59	23.37	23.16	22.63
		36	0	26.34	25.97	25.11	23.14	23.51	24.11	26.39	26.21	25.71	22.42	22.17	21.65
		1	0	25.30	24.90	24.66	21.51	21.92	22.62	24.89	24.90	24.32	20.90	20.93	20.46
		1	1	26.07	25.71	24.97	22.61	23.02	23.50	25.99	25.82	25.33	21.84	21.99	21.20
		1	36	26.11	25.46	24.85	22.83	23.12	23.59	26.04	25.81	25.23	21.57	21.81	21.12
		1	37	25.28	25.14	24.87	21.72	22.13	22.53	24.92	24.77	24.23	20.55	20.65	20.02
		18	9	26.04	25.64	24.69	22.66	23.10	23.69	26.04	25.83	25.31	21.89	21.58	21.10
		36	0	25.99	25.60	24.79	22.68	23.06	23.63	25.98	25.75	25.26	21.82	21.61	21.11
	64QAM	1	0	24.14	24.01	23.36	20.79	20.96	21.71	23.87	23.62	23.58	19.90	19.83	19.21
		1	1	24.33	24.10	23.43	20.64	20.83	21.83	23.97	23.63	23.60	19.79	19.68	19.27
		1	36	24.18	24.26	23.23	20.98	21.13	21.80	23.82	23.49	23.49	19.75	19.55	19.17
		1	37	24.18	24.23	23.25	21.00	21.10	21.72	23.76	23.41	23.44	19.79	19.66	19.00
		18	9	24.00	23.98	23.28	20.53	20.91	21.56	23.99	23.69	23.19	19.85	19.61	19.17
		36	0	24.04	24.03	23.28	20.53	21.02	21.72	24.00	23.81	23.22	19.85	19.62	19.15

OUTPUT POWER FOR 5G NR n77 (20.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 7			ANT 8			ANT 9			ANT 4		
				647333	656000	664666	647333	656000	664666	647333	656000	664666	647333	656000	664666
20.0	BPSK	1	0	22.13	24.31	24.82	21.31	21.74	22.69	23.84	24.51	25.04	20.92	20.91	20.47
		1	1	25.90	27.86	28.49	24.79	25.32	26.04	27.39	28.15	28.70	24.53	24.44	23.96
		1	49	26.20	28.04	28.70	24.94	25.45	26.20	27.69	28.23	28.62	24.26	24.12	23.64
		1	50	22.68	24.42	25.04	21.56	21.89	22.63	24.09	24.63	25.14	20.69	20.53	20.12
		25	12	26.03	27.97	28.62	24.86	25.33	26.17	27.49	28.23	28.66	24.52	24.27	23.61
	QPSK	50	0	25.59	27.56	28.11	24.33	24.82	25.54	26.97	27.73	28.07	24.05	23.80	23.16
		1	0	22.39	24.31	24.96	21.34	21.70	22.48	23.86	24.67	25.05	21.21	20.96	20.42
		1	1	26.04	28.08	28.50	24.78	25.21	26.01	27.50	28.20	28.66	24.70	24.49	24.02
		1	49	26.40	28.29	28.45	25.06	25.39	26.14	27.82	28.41	28.64	24.46	24.21	23.75
		1	50	22.87	24.61	24.98	21.47	21.86	22.51	24.38	24.75	25.05	21.02	20.63	20.19
	16QAM	25	12	26.23	28.07	28.49	24.76	25.16	26.10	27.72	28.25	28.63	24.61	24.33	23.75
		50	0	25.18	27.06	27.52	23.73	24.19	25.08	26.82	27.28	27.56	23.62	23.33	22.74
		1	0	22.56	24.49	24.93	21.20	21.66	22.74	24.04	24.64	25.04	21.05	21.52	20.24
		1	1	25.01	27.06	27.57	23.58	24.23	25.14	26.54	27.09	27.54	23.54	23.84	22.91
		1	49	25.54	27.05	27.56	23.85	24.24	25.11	26.87	27.29	27.57	23.31	23.36	22.66
	64QAM	1	50	22.80	24.58	24.90	21.61	21.83	22.49	24.18	24.59	25.06	20.72	20.98	20.23
		25	12	24.89	26.94	27.51	23.94	24.11	25.06	26.70	27.20	27.53	23.59	23.25	22.80
		50	0	24.00	25.97	26.48	22.95	23.14	24.05	25.79	26.22	26.58	22.66	22.37	21.78
		1	0	22.08	24.55	24.50	21.55	21.65	22.47	24.16	24.54	25.13	21.41	20.92	20.87
		1	1	23.15	25.63	25.73	22.55	22.71	23.35	25.10	25.80	26.15	22.49	22.07	21.68
	256QAM	1	49	23.71	25.58	25.78	22.86	23.13	23.61	25.41	25.75	25.99	22.21	21.72	21.58
		1	50	22.76	24.62	24.81	21.91	22.09	22.55	24.65	24.60	25.11	21.02	20.57	20.51
		25	12	23.71	25.45	25.91	22.46	23.01	23.59	25.21	25.63	26.10	22.05	21.75	21.17
		50	0	23.80	25.38	25.86	22.48	22.94	23.50	25.24	25.68	26.06	22.03	21.75	21.17
		1	0	21.25	23.29	24.13	20.16	20.73	21.25	23.39	23.61	24.27	19.98	19.77	19.25

OUTPUT POWER FOR 5G NR n77 (30.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 7			ANT 8			ANT 9			ANT 4		
				647666	656000	664333	647666	656000	664333	647666	656000	664333	647666	656000	664333
30.0	BPSK	1	0	23.20	23.88	24.80	20.34	21.09	22.46	23.27	23.79	24.78	21.17	20.93	20.15
		1	1	26.93	27.65	28.49	24.03	24.63	25.94	26.98	27.28	28.36	24.63	24.49	23.72
		1	76	27.42	28.07	28.70	24.52	25.12	26.20	27.27	27.90	28.70	24.56	24.24	23.23
		1	77	23.79	24.50	25.11	21.36	21.56	22.67	23.80	24.33	25.01	21.05	20.72	19.58
		36	18	27.08	27.69	28.57	24.65	24.84	26.03	27.01	27.55	28.48	24.67	24.43	23.28
	QPSK	75	0	26.59	27.20	28.04	24.12	24.30	25.48	26.55	26.85	28.01	24.15	23.84	22.77
		1	0	23.29	23.93	24.83	21.03	21.20	22.35	23.22	23.56	24.84	21.15	21.18	19.93
		1	1	26.80	27.56	28.38	24.57	24.74	25.90	26.90	27.07	28.42	24.57	24.59	23.43
		1	76	27.31	28.02	28.68	25.01	25.17	26.14	27.35	27.68	28.64	24.70	24.18	23.06
		1	77	23.83	24.43	25.06	21.47	21.67	22.50	23.68	24.14	25.08	21.21	20.63	19.62
	16QAM	36	18	27.14	27.72	28.52	24.63	24.79	25.87	27.01	27.30	28.54	24.66	24.43	23.32
		75	0	26.06	26.64	27.45	23.55	23.83	24.90	26.08	26.32	27.46	23.68	23.40	22.27
		1	0	23.50	23.70	24.57	20.76	21.18	22.20	23.11	23.45	24.56	20.97	21.40	20.00
		1	1	25.97	26.13	27.20	23.07	23.69	24.93	25.78	26.04	27.31	23.44	23.63	22.56
		1	76	26.80	26.79	27.22	23.50	24.20	25.34	26.30	26.72	27.51	23.47	23.43	22.32
	64QAM	1	77	23.87	24.14	24.85	21.03	21.81	22.60	23.65	23.99	24.99	20.94	20.78	19.87
		36	18	26.00	26.51	27.44	23.43	23.73	24.67	26.01	26.37	27.53	23.70	23.48	22.22
		75	0	25.06	25.62	26.55	22.41	22.70	23.67	25.09	25.40	26.43	22.68	22.50	21.33
		1	0	23.32	23.73	24.48	20.67	21.10	21.93	23.40	23.50	25.15	21.12	21.53	20.06
		1	1	24.48	24.80	25.65	21.69	21.94	22.88	24.08	24.18	26.38	22.33	22.38	20.87
	256QAM	1	76	24.69	25.45	25.95	21.99	22.47	23.35	24.80	25.03	26.25	22.30	22.15	20.65
		1	77	23.68	24.33	24.79	21.02	21.74	22.21	23.88	24.08	25.24	21.28	20.77	19.79
		36	18	24.42	25.19	25.92	21.91	22.17	23.11	24.41	24.80	25.87	22.13	21.99	20.91
		75	0	24.54	25.16	25.87	21.91	22.21	23.12	24.47	24.87	25.90	22.23	22.03	20.92
		1	0	22.45	22.81	23.83	19.69	20.06	20.64	22.35	22.77	24.40	20.11	20.14	19.04

OUTPUT POWER FOR 5G NR n77 (40.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 7			ANT 8			ANT 9			ANT 4		
				648000	656000	664000	648000	656000	664000	648000	656000	664000	648000	656000	664000
40.0	BPSK	1	0	23.30	23.77	24.69	20.39	21.18	22.08	23.80	23.88	24.64	21.15	21.04	20.11
		1	1	26.94	27.32	28.30	23.85	24.71	25.60	27.37	27.45	28.28	24.64	24.49	23.54
		1	104	27.45	27.91	28.70	24.38	25.06	26.07	27.82	27.95	28.70	24.40	23.87	23.08
		1	105	23.87	24.32	24.97	20.93	21.63	22.60	24.06	24.31	25.03	20.83	20.33	19.57
		50	25	27.02	27.43	28.27	23.85	24.68	25.94	27.22	27.50	28.26	24.33	24.04	23.15
		100	0	26.59	26.93	27.69	23.48	24.20	25.41	26.86	26.99	27.78	23.88	23.56	22.64
	QPSK	1	0	23.52	23.76	24.62	20.54	21.30	22.34	23.73	23.91	24.58	21.21	21.02	19.91
		1	1	27.03	27.46	27.83	23.73	24.68	25.94	27.14	27.50	28.22	24.70	24.48	23.64
		1	104	27.47	27.97	28.12	24.49	24.89	26.20	27.55	27.90	28.70	24.45	23.86	23.10
		1	105	23.95	24.13	25.02	20.94	21.63	22.76	24.03	24.34	25.10	20.75	20.38	19.58
		50	25	27.05	27.37	28.09	23.88	24.62	25.91	27.01	27.54	28.34	24.40	24.14	23.19
		100	0	25.85	26.43	27.22	22.97	23.69	24.98	26.08	26.51	27.27	23.46	22.92	22.14
	16QAM	1	0	23.19	23.45	24.78	21.10	21.26	22.38	23.35	23.94	24.89	21.06	21.14	19.84
		1	1	25.91	26.09	26.95	23.31	24.01	24.97	25.78	26.42	27.48	23.59	23.33	22.48
		1	104	26.28	26.62	27.26	24.00	24.35	25.19	26.15	27.19	27.85	23.31	22.90	21.95
		1	105	23.44	23.90	25.16	21.52	21.97	22.78	23.52	24.61	25.19	20.68	20.09	19.09
		50	25	25.78	26.42	27.18	22.92	23.56	24.74	26.08	26.60	27.30	23.45	23.07	22.11
		100	0	24.75	25.34	26.30	21.91	22.67	23.83	25.09	25.50	26.51	22.47	22.14	21.23
	64QAM	1	0	23.17	23.70	24.54	20.47	20.99	22.52	23.76	23.58	25.11	21.29	21.15	20.06
		1	1	24.44	24.75	25.90	21.46	22.00	23.64	24.70	25.22	26.12	22.11	22.21	21.27
		1	104	24.48	25.50	25.92	21.81	22.30	23.44	24.89	25.42	26.55	21.85	21.27	20.89
		1	105	23.56	24.01	24.91	21.11	21.24	23.00	24.22	24.58	25.46	21.21	20.22	20.00
		50	25	24.17	24.84	25.56	21.90	22.14	23.31	24.47	25.07	25.97	21.85	21.58	20.68
		100	0	24.24	24.87	25.67	21.92	22.24	23.33	24.52	25.04	26.01	21.92	21.76	20.79
	256QAM	1	0	22.32	22.88	23.69	19.83	19.93	21.26	22.82	23.21	24.09	20.18	20.29	19.43
		1	1	22.21	22.71	23.81	19.62	19.88	21.32	22.66	23.10	24.20	19.98	20.10	19.42
		1	104	22.82	23.31	24.04	20.07	20.25	21.80	23.15	23.66	24.41	19.94	19.34	18.68
		1	105	22.93	23.40	24.16	20.05	20.38	21.57	23.27	23.68	24.61	19.95	19.45	18.87
		50	25	22.08	22.69	23.58	19.75	20.06	21.12	22.21	22.90	23.91	19.84	19.64	18.71
		100	0	22.24	22.83	23.65	19.81	20.20	21.09	22.28	22.99	23.94	19.85	19.67	18.71

OUTPUT POWER FOR 5G NR n77 (50.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 7			ANT 8			ANT 9			ANT 4		
				648333	656000	663666	648333	656000	663666	648333	656000	663666	648333	656000	663666
50.0	BPSK	1	0	23.13	23.66	24.44	22.37	22.59	22.41	23.68	24.08	24.59	21.03	20.88	20.27
		1	1	26.66	27.22	28.01	25.92	26.15	26.04	27.27	27.57	28.23	24.70	24.33	23.82
		1	131	27.21	28.04	28.70	25.52	25.57	26.16	27.76	28.38	28.70	24.14	23.38	23.18
		1	132	23.58	24.47	24.95	22.10	22.08	22.52	24.16	24.95	25.13	20.48	19.98	19.73
		64	32	27.01	27.55	28.35	25.75	25.86	26.12	27.66	27.94	28.42	24.45	23.90	23.57
		128	0	26.51	27.07	27.81	25.40	25.29	25.57	27.03	27.41	27.94	23.87	23.41	22.99
	QPSK	1	0	23.07	23.56	24.30	22.71	22.62	22.50	23.69	23.93	24.61	20.98	20.79	20.27
		1	1	26.77	27.06	28.06	26.15	26.12	26.03	27.31	27.34	28.21	24.61	24.33	23.93
		1	131	27.13	28.12	28.61	26.05	25.56	26.20	27.92	28.33	28.66	23.97	23.34	23.09
		1	132	23.66	24.46	25.06	22.40	22.11	22.54	24.17	24.60	25.15	20.72	20.00	19.65
		64	32	26.94	27.60	28.40	26.10	25.79	26.12	27.60	27.94	28.47	24.47	23.95	23.47
		128	0	26.01	26.47	27.31	25.04	24.81	25.11	26.50	26.85	27.42	23.40	23.02	22.43
	16QAM	1	0	22.99	23.50	24.44	22.75	22.68	22.48	23.82	23.91	24.42	21.14	21.12	20.21
		1	1	25.49	25.92	27.04	25.16	25.20	25.03	26.00	26.33	27.16	23.64	23.42	22.66
		1	131	25.97	27.00	27.44	25.07	24.62	25.35	26.68	27.09	27.79	23.24	22.63	22.14
		1	132	23.35	24.20	25.38	22.38	22.27	22.62	24.01	24.69	25.30	20.75	20.18	19.34
		64	32	25.87	26.51	27.30	25.06	24.70	25.06	26.69	26.91	27.48	23.53	23.08	22.12
		128	0	24.89	25.50	26.22	24.05	23.78	23.97	25.42	25.87	26.44	22.20	22.17	21.11
	64QAM	1	0	22.82	23.53	24.30	22.28	22.76	21.69	23.63	23.85	24.70	21.02	21.36	20.20
		1	1	24.35	24.63	25.34	23.52	23.65	23.18	24.66	24.97	25.52	21.91	22.19	21.02
		1	131	24.60	25.28	25.66	23.20	22.92	23.01	25.20	25.29	26.24	21.25	21.26	20.46
		1	132	23.61	24.24	24.57	22.20	21.71	22.02	24.45	24.87	25.56	20.10	20.19	19.45
		64	32	24.43	25.01	25.77	23.64	23.34	23.51	25.01	25.32	25.98	21.71	21.54	20.56
		128	0	24.33	24.95	25.73	23.58	23.22	23.48	24.89	25.32	25.85	21.64	21.59	20.58
	256QAM	1	0	22.01	22.65	23.49	21.54	21.43	21.58	22.82	22.85	24.06	19.77	19.97	18.90
		1	1	22.23	22.31	23.37	21.48	21.55	21.63	22.97	22.71	23.71	20.08	20.05	18.85
		1	131	22.68	23.45	23.94	21.41	21.00	21.40	23.90	23.70	24.65	19.45	19.26	18.07
		1	132	22.83	23.28	23.82	21.48	21.07	21.81	23.43	23.72	24.35	19.35	19.05	18.57
		64	32	22.39	22.88	23.74	21.56	21.21	21.59	22.98	23.22	23.88	19.79	19.59	18.59
		128	0	22.40	22.94	23.71	21.58	21.17	21.56	22.89	23.12	23.87	19.71	19.65	18.57

OUTPUT POWER FOR 5G NR n77 (60.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 7			ANT 8			ANT 9			ANT 4		
				648666	656000	663333	648666	656000	663333	648666	656000	663333	648666	656000	663333
60.0	BPSK	1	0	22.83	23.34	24.11	22.69	22.69	22.40	22.89	23.50	24.22	21.05	21.22	20.07
		1	1	26.53	27.10	27.49	26.20	26.14	25.86	26.44	26.74	28.02	24.48	24.59	23.58
		1	160	27.29	28.12	28.56	25.69	25.50	25.66	27.15	27.99	28.52	23.80	23.67	22.98
		1	161	23.74	24.45	24.95	22.34	22.03	22.17	23.74	24.47	24.90	20.23	19.95	19.44
		81	40	27.05	27.63	28.37	26.08	25.63	25.84	26.95	27.66	28.45	24.19	24.25	23.37
		162	0	26.54	27.04	27.81	25.46	25.23	25.21	26.45	27.08	27.91	23.73	23.72	22.99
	QPSK	1	0	22.95	23.52	24.45	22.74	22.59	22.35	22.85	23.60	24.49	21.00	21.17	20.34
		1	1	26.56	26.84	28.11	26.02	26.11	25.87	26.50	26.81	28.13	24.70	24.70	23.90
		1	160	27.45	28.06	28.70	25.68	25.30	25.58	27.30	27.89	28.70	23.94	23.38	23.09
		1	161	23.92	24.42	25.18	22.26	21.81	22.12	23.64	24.41	24.94	20.41	19.95	19.47
		81	40	27.09	27.63	28.54	26.14	25.69	25.83	27.01	27.70	28.50	24.39	23.95	23.48
		162	0	25.98	26.53	27.51	25.01	24.73	24.68	25.97	26.53	27.44	23.38	22.99	22.48
	16QAM	1	0	22.47	23.50	24.65	22.25	22.20	22.07	22.97	24.10	24.78	21.50	21.41	20.50
		1	1	25.35	25.85	27.02	24.66	25.09	24.90	25.57	26.18	27.31	23.63	23.66	22.71
		1	160	25.95	26.86	27.85	23.97	24.11	24.59	26.19	27.35	27.81	22.99	22.89	22.45
		1	161	23.31	24.38	25.08	21.90	22.07	21.85	23.81	24.63	25.30	21.14	20.46	19.60
		81	40	26.02	26.53	27.62	24.98	24.60	24.81	25.96	26.98	27.47	23.50	22.91	22.44
		162	0	25.02	25.56	26.53	24.06	23.71	23.75	24.92	25.93	26.37	22.37	21.93	21.43
	64QAM	1	0	23.24	23.35	24.82	22.47	22.21	22.32	22.88	24.01	24.37	21.11	20.93	20.80
		1	1	24.19	24.32	25.38	23.55	23.06	23.42	23.84	25.05	25.25	22.37	21.79	21.57
		1	160	24.83	25.31	26.22	23.00	22.82	22.89	24.71	25.71	26.06	21.23	20.75	20.75
		1	161	23.81	24.52	25.39	22.08	21.32	22.18	23.87	24.93	24.90	20.62	20.12	19.86
		81	40	24.40	24.50	25.98	23.57	23.12	23.25	24.47	25.50	25.86	21.99	21.54	20.95
		162	0	24.50	25.00	26.06	23.49	23.15	23.22	24.43	25.44	25.80	21.96	21.51	20.86
	256QAM	1	0	21.92	22.57	23.61	21.91	21.48	21.42	22.24	23.35	23.61	20.09	19.86	19.35
		1	1	21.84	22.39	23.77	21.84	21.56	21.43	22.36	23.03	23.18	20.17	19.81	19.33
		1	160	22.82	23.56	24.35	21.40	20.94	21.08	23.50	24.15	23.71	19.63	19.19	18.50
		1	161	22.94	23.31	24.73	21.18	20.89	21.02	23.00	24.16	24.28	19.57	18.83	18.46
		81	40	22.42	22.94	23.94	21.61	21.15	21.39	22.55	23.42	23.78	20.00	19.53	18.92
		162	0	22.42	22.91	22.89	21.47	21.13	21.30	22.35	23.35	23.67	20.02	19.50	18.85

OUTPUT POWER FOR 5G NR n77 (70.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 7			ANT 8			ANT 9			ANT 4		
				649000	656000	663000	649000	656000	663000	649000	656000	663000	649000	656000	663000
70.0	BPSK	1	0	23.09	23.89	24.53	21.22	21.94	22.00	23.51	24.04	24.27	20.98	21.00	20.14
		1	1	26.71	27.48	28.10	24.61	25.49	25.44	27.02	27.43	27.98	24.47	24.47	23.88
		1	187	27.71	28.43	28.70	25.13	26.20	25.80	28.05	28.70	28.69	23.65	23.15	22.60
		1	188	24.15	24.80	25.27	21.60	22.48	22.26	24.41	24.80	25.08	20.37	19.73	19.01
		90	45	27.30	28.09	28.61	24.81	26.11	25.55	27.61	28.01	28.47	24.32	23.73	22.93
		180	0	26.73	27.51	28.06	24.34	25.53	25.03	27.12	27.55	27.92	23.75	23.23	22.51
	QPSK	1	0	23.72	23.93	24.47	21.11	21.85	21.86	23.48	23.88	24.48	21.13	20.93	20.05
		1	1	27.04	27.30	27.63	24.54	25.28	25.50	27.18	27.15	28.01	24.70	24.32	23.41
		1	187	28.14	28.35	28.63	25.25	25.97	25.68	28.03	28.66	28.65	23.88	23.10	22.73
		1	188	24.26	24.73	25.21	21.70	22.39	22.17	24.38	24.88	25.27	20.05	19.60	19.22
		90	45	27.74	27.73	28.15	24.73	26.05	25.49	27.60	28.08	28.41	24.24	23.66	23.08
		180	0	26.67	26.94	27.48	24.19	24.92	24.47	26.63	27.02	27.38	23.20	22.66	22.14
	16QAM	1	0	23.72	24.41	24.71	21.35	21.66	22.11	23.40	24.02	24.60	20.77	20.81	19.73
		1	1	26.28	26.50	27.09	23.42	23.97	24.60	26.16	26.24	27.16	23.39	23.40	22.48
		1	187	26.86	27.38	27.96	24.35	24.67	24.79	26.80	27.45	27.99	22.60	22.06	21.12
		1	188	24.59	25.13	25.16	21.60	22.49	22.19	24.56	25.02	25.29	20.01	19.57	18.90
		90	45	26.70	26.74	27.09	24.19	25.07	24.44	26.58	27.12	27.52	22.89	22.68	22.10
		180	0	25.60	25.94	26.41	23.20	23.94	23.45	25.55	26.02	26.40	21.77	21.63	21.08
	64QAM	1	0	23.28	23.79	24.63	21.16	22.04	21.88	22.89	23.83	24.48	20.57	21.20	20.00
		1	1	24.30	24.34	25.04	22.28	22.72	22.95	24.09	24.89	25.65	21.83	22.23	21.05
		1	187	25.52	25.37	25.86	22.93	23.61	23.28	25.01	26.46	26.03	20.56	21.17	19.94
		1	188	24.38	24.35	25.07	21.97	22.48	22.23	24.33	25.36	24.95	20.05	20.03	18.86
		90	45	25.19	25.33	25.81	22.64	23.41	22.83	25.04	25.52	25.81	21.33	21.20	20.36
		180	0	25.10	25.50	25.95	22.71	23.42	22.84	25.00	25.53	25.77	21.42	21.16	20.50
	256QAM	1	0	22.76	22.96	23.36	20.26	20.79	20.93	22.80	23.37	23.63	19.86	20.08	18.68
		1	1	22.56	22.69	23.87	20.26	20.79	20.42	22.66	22.96	23.42	19.76	19.89	19.10
		1	187	23.63	23.61	24.37	20.94	21.41	21.22	23.58	24.23	24.58	18.52	18.64	18.34
		1	188	23.66	23.94	23.94	20.90	21.24	21.13	22.95	24.52	24.12	19.20	18.76	18.04
		90	45	23.25	23.55	24.04	20.63	21.37	20.76	23.05	23.45	23.86	19.53	19.30	18.41
		180	0	23.14	23.51	24.04	20.71	21.30	20.78	23.01	23.33	23.81	19.51	19.26	18.44

OUTPUT POWER FOR 5G NR n77 (80.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 7			ANT 8			ANT 9			ANT 4		
				649333	656000	662666	649333	656000	662666	649333	656000	662666	649333	656000	662666
80.0	BPSK	1	0	27.86	28.10	27.27	21.58	21.84	22.03	22.71	23.25	24.18	20.96	21.45	20.66
		1	1	28.63	28.70	28.24	25.07	25.45	25.64	26.39	26.70	27.75	24.56	24.66	24.19
		1	215	25.02	25.27	24.72	25.76	26.20	25.80	27.45	28.39	28.70	23.62	23.41	23.17
		1	216	28.42	28.61	27.86	22.21	22.57	22.32	23.94	24.90	25.03	20.07	19.75	19.32
		108	54	27.87	28.06	27.24	25.41	26.17	25.71	26.97	27.64	28.27	24.14	23.80	23.54
		216	0	24.26	24.47	23.93	24.83	25.52	25.13	26.45	27.11	27.75	23.74	23.36	23.02
	QPSK	1	0	27.40	27.63	27.31	21.83	22.00	22.05	22.66	23.19	24.03	21.15	21.09	20.67
		1	1	28.53	28.63	28.22	25.26	25.57	25.74	26.30	26.73	27.90	24.70	24.38	24.13
		1	215	24.79	25.21	24.63	25.72	26.18	26.13	27.59	28.13	28.64	23.75	23.39	23.05
		1	216	27.89	28.15	27.64	22.41	22.57	22.26	23.71	24.45	24.93	20.10	19.85	19.37
		108	54	27.21	27.48	26.71	25.27	26.14	25.59	26.98	27.59	28.25	24.30	23.84	23.31
		216	0	24.22	24.71	23.75	24.26	25.03	24.53	25.98	26.57	27.28	23.28	22.83	22.28
	16QAM	1	0	26.63	27.09	26.11	21.77	21.87	21.55	22.59	22.84	24.33	21.57	21.54	20.00
		1	1	27.41	27.96	26.94	24.31	24.08	23.96	24.99	25.62	26.66	23.73	23.86	22.64
		1	215	24.57	25.16	24.29	24.84	25.18	24.04	25.90	27.33	27.54	22.87	22.77	22.07
		1	216	26.85	27.09	26.72	22.13	22.68	21.94	23.16	24.38	24.95	20.27	19.74	19.48
		108	54	26.07	26.41	25.70	24.34	25.08	24.58	25.95	26.64	27.26	23.53	23.05	22.33
		216	0	24.09	24.63	23.39	23.30	24.01	23.55	24.98	25.57	26.21	22.52	22.03	21.32
	64QAM	1	0	24.28	25.04	24.45	21.44	21.92	22.06	22.76	23.23	24.18	21.52	21.53	19.94
		1	1	25.83	25.86	25.10	22.53	22.86	23.33	23.80	24.56	24.85	22.11	22.49	21.39
		1	215	24.55	25.07	24.42	22.96	23.35	23.26	24.86	25.35	25.94	21.27	21.17	20.18
		1	216	25.41	25.81	25.26	22.22	22.34	22.63	23.95	24.33	25.11	20.67	20.11	18.85
		108	54	25.62	25.95	25.27	22.90	23.61	23.05	24.45	25.18	25.68	22.00	21.50	20.71
		216	0	23.44	23.36	22.75	22.75	23.44	23.03	24.39	25.09	25.66	22.03	21.52	20.85
	256QAM	1	0	23.24	23.87	22.72	20.44	21.02	20.56	21.81	22.39	23.33	20.39	20.37	19.29
		1	1	23.98	24.37	23.64	20.23	21.14	20.88	21.97	22.53	22.76	20.19	20.07	18.99
		1	215	23.71	23.94	23.73	20.87	21.41	21.09	23.15	23.27	24.21	19.19	18.67	18.00
		1	216	23.74	24.04	23.28	20.85	21.56	21.06	23.19	23.87	24.13	19.09	19.58	18.27
		108	54	23.74	24.04	23.20	20.83	21.55	21.10	22.49	23.04	23.66	19.96	19.64	18.72
		216	0	24.53	23.77	24.00	20.83	21.35	20.97	22.43	23.04	23.65	19.96	19.68	18.86

OUTPUT POWER FOR 5G NR n77 (90.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 7			ANT 8			ANT 9			ANT 4		
				649666	656000	662333	649666	656000	662333	649666	656000	662333	649666	656000	662333
90.0	BPSK	1	0	27.36	27.96	26.59	21.12	21.78	22.28	22.65	23.47	23.96	20.03	19.95	20.50
		1	1	28.22	28.56	27.83	24.96	25.31	25.50	26.44	26.87	27.56	23.68	23.59	24.04
		1	243	24.81	25.30	24.29	25.64	25.99	26.15	27.66	28.11	28.70	24.37	24.45	24.16
		1	244	28.00	28.47	27.27	21.96	22.42	22.25	24.07	24.86	24.87	20.82	20.86	20.79
		120	60	27.38	27.89	26.73	25.28	26.04	25.73	27.05	27.59	28.17	23.93	24.32	23.98
		243	0	23.70	24.42	22.95	24.72	25.35	25.15	26.58	27.12	27.65	23.29	23.69	23.44
	QPSK	1	0	27.44	27.80	26.29	21.49	21.89	22.13	22.90	23.48	23.85	20.06	20.11	20.51
		1	1	28.28	28.70	27.73	24.98	24.96	25.59	26.69	26.65	27.67	23.44	23.77	23.94
		1	243	24.57	25.26	24.15	25.40	26.20	25.96	27.85	28.31	28.66	24.15	24.70	24.27
		1	244	27.46	27.81	26.94	21.92	22.30	22.47	23.96	24.81	24.84	20.53	20.76	20.54
		120	60	26.87	27.39	26.20	25.22	25.93	25.62	27.05	27.58	28.18	23.82	24.26	23.99
		243	0	23.95	24.29	22.94	24.17	24.78	24.55	26.00	26.60	27.11	22.76	23.17	22.94
	16QAM	1	0	26.16	26.77	25.28	21.20	21.49	21.97	22.61	23.37	24.45	20.26	19.80	20.60
		1	1	27.20	27.39	26.93	23.50	23.83	24.20	25.70	25.66	26.98	22.51	22.29	23.28
		1	243	24.87	24.92	24.30	25.03	24.90	24.51	26.69	27.18	27.69	23.04	23.09	23.21
		1	244	26.66	26.88	26.12	22.25	21.92	22.23	23.70	24.68	25.11	20.96	20.69	20.81
		120	60	25.87	26.27	25.19	24.21	24.95	24.47	25.87	26.62	27.06	22.80	23.27	22.85
		243	0	23.91	23.58	22.49	23.17	23.80	23.55	24.91	25.56	26.10	21.82	22.13	21.86
	64QAM	1	0	24.99	24.62	23.72	21.55	21.40	21.98	22.85	23.34	23.94	19.71	19.73	20.96
		1	1	25.68	25.68	24.72	22.54	22.46	23.09	23.75	24.10	25.03	20.67	20.87	21.11
		1	243	24.50	24.50	23.85	22.45	23.09	23.41	24.38	26.07	25.79	21.42	21.41	21.55
		1	244	25.24	25.60	24.74	22.12	21.87	22.27	23.78	24.71	24.47	20.41	20.73	21.04
		120	60	25.40	25.81	24.73	22.73	23.44	22.98	24.40	25.10	25.53	20.98	21.75	21.41
		243	0	22.78	23.75	22.04	22.68	23.31	23.05	24.39	25.03	25.54	21.08	21.58	21.36
	256QAM	1	0	22.68	23.52	21.92	20.70	20.71	20.58	21.64	22.10	22.90	18.68	18.91	19.73
		1	1	23.89	24.20	22.86	20.08	20.45	20.98	21.74	21.63	22.59	18.51	18.77	19.47
		1	243	23.74	24.04	23.30	21.08	21.11	21.12	22.88	23.58	23.83	18.65	20.15	19.22
		1	244	23.34	23.94	22.69	20.91	21.44	20.78	22.78	23.26	23.85	19.13	19.29	19.61
		120	60	23.32	23.80	22.72	20.73	21.54	20.98	22.40	23.09	23.54	19.01	19.79	19.45
		243	0	24.61	23.07	23.15	20.75	21.32	21.02	22.45	22.99	23.49	19.02	19.63	19.43

OUTPUT POWER FOR 5G NR n77 (100.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 7			ANT 8			ANT 9			ANT 4		
				650000	656000	662000	650000	656000	662000	650000	656000	662000	650000	656000	662000
100.0	BPSK	1	0	26.92	27.79	26.60	21.65	22.17	22.18	22.66	23.10	23.77	20.08	20.21	20.85
		1	1	28.28	28.54	28.04	24.99	25.55	25.56	26.31	26.65	27.21	23.54	23.82	24.29
		1	271	25.06	25.11	24.31	25.59	26.10	25.57	27.70	28.28	28.62	24.35	24.70	24.41
		1	272	27.78	28.26	27.28	22.26	22.30	21.96	24.05	24.88	24.86	20.61	21.00	20.59
		135	67	27.16	27.75	26.76	25.38	26.19	25.46	27.08	27.68	28.18	23.85	24.48	24.03
		270	0	23.49	24.04	22.90	24.84	25.53	24.92	26.55	27.15	27.63	23.30	23.88	23.58
	QPSK	1	0	27.00	27.40	26.55	21.47	22.03	22.11	22.63	23.31	24.00	19.95	20.23	20.90
		1	1	28.30	28.70	27.94	25.08	25.45	25.53	26.28	26.93	27.39	23.43	23.33	24.22
		1	271	24.96	25.15	24.34	25.55	26.13	25.66	27.59	28.34	28.70	24.08	24.43	24.49
		1	272	27.23	27.63	27.13	22.05	22.61	21.87	23.81	24.52	25.08	20.60	20.97	20.97
		135	67	26.63	27.25	26.24	25.69	26.20	25.38	27.07	27.72	28.18	23.78	24.55	24.01
		270	0	23.26	23.75	22.98	24.63	24.97	24.67	26.10	26.65	27.18	22.85	23.37	23.07
	16QAM	1	0	25.54	26.35	25.68	22.14	22.47	22.61	22.52	23.77	23.69	20.40	20.38	20.56
		1	1	27.28	27.31	27.33	24.80	24.52	24.77	25.20	25.85	26.34	23.13	22.46	23.01
		1	271	24.58	24.68	24.17	25.28	25.08	25.34	26.38	27.40	27.08	23.13	23.86	23.16
		1	272	26.37	26.67	26.26	22.50	22.61	22.50	24.10	24.80	24.75	21.29	21.34	20.74
		135	67	25.70	26.20	25.25	24.67	25.24	24.75	26.07	26.66	27.18	22.87	23.44	22.99
		270	0	23.18	23.70	22.86	23.63	23.99	23.65	25.03	25.56	26.15	21.84	22.32	22.01
	64QAM	1	0	24.04	24.45	24.05	21.94	21.92	22.47	22.36	23.14	24.31	19.92	19.44	21.26
		1	1	25.81	25.52	24.90	22.66	22.65	23.29	23.43	24.02	24.76	20.92	21.54	21.88
		1	271	24.72	24.73	23.96	23.32	23.07	23.41	24.63	26.05	26.23	21.78	21.48	21.88
		1	272	25.00	25.45	24.79	22.10	22.30	22.75	24.06	24.24	25.37	20.46	20.44	21.22
		135	67	25.24	25.66	24.78	23.08	23.75	23.22	24.46	25.13	25.58	21.30	21.85	21.56
		270	0	22.38	23.10	22.14	23.07	23.55	23.24	24.47	25.07	25.61	21.31	21.74	21.53
	256QAM	1	0	22.50	23.05	21.87	20.52	20.78	21.41	21.36	22.00	22.86	18.57	19.18	19.83
		1	1	24.03	23.69	23.08	21.02	20.56	21.36	21.53	22.73	23.14	18.79	18.59	19.53
		1	271	24.03	24.10	23.02	21.24	21.14	21.44	22.99	23.51	23.92	19.76	19.42	19.58
		1	272	23.15	23.71	22.74	21.09	21.42	21.43	22.85	24.01	24.17	20.05	19.86	19.39
		135	67	23.07	23.68	22.75	20.86	21.28	21.21	22.39	23.05	23.52	19.23	19.80	19.53
		270	0	24.19	22.98	23.06	21.06	21.18	21.22	22.46	22.99	23.46	19.29	19.71	19.47

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	4.508	5.10
	5MHz, 16QAM			4.501	5.13
	10MHz, QPSK	50/0		8.998	10.02
	10MHz, 16QAM			8.995	10.12
	15MHz, QPSK	75/0		13.457	14.78
	15MHz, 16QAM			13.477	14.81
	20MHz, QPSK	100/0		17.929	19.61
	20MHz, 16QAM			17.940	19.74
	20MHz, QPSK	1/0		0.293	0.41

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	4.491	5.01
	5MHz, QPSK			4.474	4.95
	5MHz, 16QAM			4.488	5.04
	10MHz, BPSK	50/0		8.946	9.71
	10MHz, QPSK			8.971	9.85
	10MHz, 16QAM			8.945	9.67
	15MHz, BPSK	75/0		13.433	14.30
	15MHz, QPSK			13.451	14.33
	15MHz, 16QAM			13.377	14.41
	20MHz, BPSK	100/0		17.902	19.03
	20MHz, QPSK			17.877	19.06
	20MHz, 16QAM			17.931	19.08
	25MHz, BPSK	128/0		22.835	24.06
	25MHz, QPSK			22.909	24.12
	25MHz, 16QAM			22.913	24.13
	30MHz, BPSK	160/0		28.554	30.06
	30MHz, QPSK			28.603	30.06
	30MHz, 16QAM			28.543	29.98
	35MHz, BPSK	180/0		32.157	33.71
	35MHz, QPSK			32.126	33.87
	35MHz, 16QAM			32.229	33.66
	40MHz, BPSK	216/0		38.535	40.33
	40MHz, QPSK			38.580	40.31
	40MHz, 16QAM			38.567	40.42
40MHz, BPSK	1/0		0.317	0.53	

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	1.095	1.35
	1.4MHz, 16QAM			1.096	1.36
	3MHz, QPSK	15/0		2.704	3.07
	3MHz, 16QAM			2.701	3.06
	5MHz, QPSK	25/0		4.491	5.05
	5MHz, 16QAM			4.511	5.13
	10MHz, QPSK	50/0		8.964	9.89
	10MHz, 16QAM			8.987	9.87
	10MHz, QPSK	1/0		0.244	0.40

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	4.469	5.04
	5MHz, QPSK			4.477	4.96
	5MHz, 16QAM			4.492	5.03
	10MHz, BPSK	50/0		8.954	9.82
	10MHz, QPSK			8.965	9.73
	10MHz, 16QAM			8.977	9.87
	15MHz, BPSK	75/0		13.421	14.32
	15MHz, QPSK			13.460	14.36
	15MHz, 16QAM			13.389	14.42
	15MHz, BPSK	1/0		0.249	0.40

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	4.505	5.10
	5MHz, 16QAM			4.509	5.11
	10MHz, QPSK	50/0		8.896	9.88
	10MHz, 16QAM			8.977	9.83
	10MHz, QPSK	1/0		0.251	0.43

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	4.501	5.10
	5MHz, 16QAM			4.508	5.18
	10MHz, QPSK	50/0		8.976	9.98
	10MHz, 16QAM			8.958	9.93
	10MHz, QPSK	1/0		0.242	0.40

5G NR n14

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
5G NR n14	5MHz, BPSK	25/0	793.0	4.500	5.0
	5MHz, QPSK			4.508	5.26
	5MHz, 16QAM			4.489	4.99
	10MHz, BPSK	50/0		8.956	9.76
	10MHz, QPSK			8.955	9.80
	10MHz, 16QAM			8.973	9.75
	10MHz, BPSK	1/0		0.221	0.34

LTE BAND 17

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
LTE BAND 17	5MHz, QPSK	25/0	710.0	4.499	5.07
	5MHz, 16QAM			4.508	5.13
	10MHz, QPSK	50/0		8.986	9.94
	10MHz, 16QAM			8.986	9.91
	10MHz, QPSK	1/0		0.244	0.40

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	1.091	1.36
	1.4MHz, 16QAM			1.097	1.35
	3MHz, QPSK	15/0		2.701	3.04
	3MHz, 16QAM			2.701	3.07
	5MHz, QPSK	25/0		4.508	5.14
	5MHz, 16QAM			4.512	5.09
	10MHz, QPSK	50/0		8.986	9.97
	10MHz, 16QAM			9.014	10.05
	15MHz, QPSK	75/0		13.469	14.94
	15MHz, 16QAM			13.494	14.72
	20MHz, QPSK	100/0		17.946	19.81
	20MHz, 16QAM			17.961	19.67
	20MHz, QPSK	1/0		0.293	0.50

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	4.496	5.05
	5MHz, QPSK			4.478	4.94
	5MHz, 16QAM			4.486	5.12
	10MHz, BPSK	50/0		8.987	9.87
	10MHz, QPSK			9.012	9.84
	10MHz, 16QAM			8.960	9.80
	15MHz, BPSK	75/0		13.414	14.41
	15MHz, QPSK			13.443	14.43
	15MHz, 16QAM			13.405	14.41
	20MHz, BPSK	100/0		17.913	18.90
	20MHz, QPSK			17.887	19.07
	20MHz, 16QAM			17.953	19.11
	25MHz, BPSK	128/0		22.942	24.09
	25MHz, QPSK			22.922	24.22
	25MHz, 16QAM			22.956	24.16
	30MHz, BPSK	160/0		28.644	30.15
	30MHz, QPSK			28.688	30.25
	30MHz, 16QAM			28.631	29.96
	35MHz, BPSK	180/0		32.299	33.82
	35MHz, QPSK			32.321	33.96
35MHz, 16QAM	32.297		34.03		
40MHz, BPSK	216/0	38.561	40.30		
40MHz, QPSK		38.673	40.36		
40MHz, 16QAM		38.627	40.58		
40MHz, BPSK	1/0	0.286	0.48		

LTE BAND 26(PART 90S)

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
LTE BAND 26	1.4MHz, QPSK	6/0	819.0	1.094	1.37
	1.4MHz, 16QAM			1.089	1.32
	3MHz, QPSK	15/0		2.702	3.06
	3MHz, 16QAM			2.707	3.06
	5MHz, QPSK	25/0		4.501	5.07
	5MHz, 16QAM			4.497	5.06
	10MHz, QPSK	50/0		8.989	9.98
	10MHz, 16QAM			8.973	9.93
	10MHz, QPSK	1/0		0.244	0.40

5G NR n26 (PART 90S)

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
5G NR n26 (Part 90S)	5MHz, BPSK	25/0	819.0	4.490	5.02
	5MHz, QPSK			4.478	5.03
	5MHz, 16QAM			4.481	4.99
	10MHz, BPSK	50/0		8.913	9.55
	10MHz, QPSK			8.942	9.77
	10MHz, 16QAM			8.954	9.75
	10MHz, BPSK	1/0		0.220	0.38

LTE BAND 26 (PART 22)

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
LTE BAND 26	1.4MHz, QPSK	6/0	836.5	1.093	1.34
	1.4MHz, 16QAM			1.096	1.36
	3MHz, QPSK	15/0		2.704	3.06
	3MHz, 16QAM			2.706	3.06
	5MHz, QPSK	25/0		4.510	5.15
	5MHz, 16QAM			4.503	5.09
	10MHz, QPSK	50/0		8.984	9.81
	10MHz, 16QAM			8.981	9.98
	10MHz, QPSK	1/0		0.279	0.43

5G NR n26 (PART 22)

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
5G NR n26 (Part 22)	5MHz, BPSK	25/0	836.5	4.507	5.17
	5MHz, QPSK			4.504	5.17
	5MHz, 16QAM			4.476	5.03
	10MHz, BPSK	50/0		8.942	9.70
	10MHz, QPSK			8.971	9.67
	10MHz, 16QAM			8.967	9.73
	15MHz, BPSK	75/0		13.384	14.27
	15MHz, QPSK			13.419	14.45
	15MHz, 16QAM			13.389	14.37
	20MHz, BPSK	100/0		17.854	18.93
	20MHz, QPSK			17.874	19.00
	20MHz, 16QAM			17.873	18.85
	20MHz, BPSK			0.270	0.43

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	4.501	5.13
	5MHz, 16QAM			4.506	5.10
	10MHz, QPSK	50/0		8.982	10.03
	10MHz, 16QAM			8.998	9.94
	10MHz, QPSK	1/0		0.242	0.40

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	4.485	4.96
	5MHz, QPSK			4.487	4.93
	5MHz, 16QAM			4.486	5.09
	10MHz, BPSK	50/0		8.932	9.64
	10MHz, QPSK			8.945	9.63
	10MHz, 16QAM			9.004	9.70
	10MHz, BPSK	1/0		0.215	0.29

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	4.494	5.03
	5MHz, 16QAM			4.498	5.12
	10MHz, QPSK	50/0		8.991	9.89
	10MHz, 16QAM			8.977	9.75
	15MHz, QPSK	75/0		13.447	14.75
	15MHz, 16QAM			13.467	14.53
	20MHz, QPSK	100/0		17.929	19.54
	20MHz, 16QAM			17.903	19.27
	20MHz, QPSK	1/0		0.289	0.47

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	8.621	10.04
	10MHz, QPSK			8.648	10.19
	10MHz, 16QAM			8.679	9.89
	15MHz, BPSK	36/0		12.976	14.75
	15MHz, QPSK			12.964	14.49
	15MHz, 16QAM			12.913	14.20
	20MHz, BPSK	50/0		17.990	19.86
	20MHz, QPSK			17.933	19.76
	20MHz, 16QAM			17.872	19.60
	30MHz, BPSK	75/0		26.983	28.94
	30MHz, QPSK			26.896	29.03
	30MHz, 16QAM			26.890	28.92
	40MHz, BPSK	100/0		35.752	38.40
	40MHz, QPSK			35.945	38.33
	40MHz, 16QAM			35.792	38.17
	50MHz, BPSK	128/0		45.841	48.50
	50MHz, QPSK			45.861	48.20
	50MHz, 16QAM			45.803	48.38
	60MHz, BPSK	162/0		57.944	61.19
	60MHz, QPSK			58.019	60.85
	60MHz, 16QAM			57.974	60.79
	70MHz, BPSK	180/0		64.468	67.56
	70MHz, QPSK			64.587	67.60
	70MHz, 16QAM			64.481	67.68
	80MHz, BPSK	216/0		77.280	80.92
	80MHz, QPSK			77.182	80.61
	80MHz, 16QAM			77.106	80.91
	90MHz, BPSK	243/0		86.989	91.43
	90MHz, QPSK			86.839	90.70
	90MHz, 16QAM			87.103	90.82
100MHz, BPSK	270/0	96.664	100.9		
100MHz, QPSK		96.490	100.7		
100MHz, 16QAM		96.409	100.9		
100MHz, BPSK	1/0	0.598	1.13		

LTE BAND 48

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
LTE BAND 48	5MHz, QPSK	25/0	3625.0	4.476	4.81
	5MHz, 16QAM			4.449	4.90
	10MHz, QPSK	50/0		8.934	9.45
	10MHz, 16QAM			9.003	9.38
	15MHz, QPSK	75/0		13.266	13.79
	15MHz, 16QAM			13.434	14.01
	20MHz, QPSK	100/0		17.942	19.36
	20MHz, 16QAM			17.947	19.11
	20MHz, QPSK	1/0		0.296	0.55

5G NR n48

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
5G NR n48 (FCC)	10MHz, BPSK	24/0		8.595	9.70
	10MHz, QPSK			8.603	9.60
	10MHz, 16QAM			8.659	9.92
	15MHz, BPSK	36/0		12.958	14.00
	15MHz, QPSK			12.861	14.07
	15MHz, 16QAM			12.857	14.03
	20MHz, BPSK	50/0		17.859	18.99
	20MHz, QPSK			17.868	19.27
	20MHz, 16QAM			17.948	19.32
	30MHz, BPSK	75/0		26.743	28.38
	30MHz, QPSK			26.831	28.28
	30MHz, 16QAM			26.751	28.64
	40MHz, BPSK	100/0		35.718	37.33
	40MHz, QPSK			35.673	37.41
	40MHz, 16QAM			35.628	37.56
	40MHz, BPSK			1/0	0.508

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	1.089	1.35
	1.4MHz, 16QAM			1.096	1.39
	3MHz, QPSK	15/0		2.701	3.02
	3MHz, 16QAM			2.699	3.06
	5MHz, QPSK	25/0		4.511	5.13
	5MHz, 16QAM			4.496	5.08
	10MHz, QPSK	50/0		9.002	9.92
	10MHz, 16QAM			8.991	9.84
	15MHz, QPSK	75/0		13.444	14.98
	15MHz, 16QAM			13.465	14.69
	20MHz, QPSK	100/0		17.918	19.69
	20MHz, 16QAM			17.962	19.47
	20MHz, QPSK	1/0		0.261	0.46

5G NR n66

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
5G NR n66	5MHz, BPSK	25/0	1745.0	4.484	5.04
	5MHz, QPSK			4.492	5.12
	5MHz, 16QAM			4.491	5.11
	10MHz, BPSK	50/0		8.983	9.77
	10MHz, QPSK			9.020	9.78
	10MHz, 16QAM			8.968	9.84
	15MHz, BPSK	75/0		13.435	14.43
	15MHz, QPSK			13.454	14.33
	15MHz, 16QAM			13.401	14.42
	20MHz, BPSK	100/0		17.929	18.98
	20MHz, QPSK			17.910	18.98
	20MHz, 16QAM			17.876	19.04
	25MHz, BPSK	128/0		22.953	24.16
	25MHz, QPSK			22.835	24.26
	25MHz, 16QAM			22.904	24.22
	30MHz, BPSK	160/0		28.557	30.04
	30MHz, QPSK			28.664	29.99
	30MHz, 16QAM			28.634	30.13
	35MHz, BPSK	180/0		32.201	33.83
	35MHz, QPSK			32.164	33.89
	35MHz, 16QAM			32.191	34.00
	40MHz, BPSK	216/0		38.572	40.33
	40MHz, QPSK			38.593	40.37
	40MHz, 16QAM			38.642	40.38
40MHz, BPSK	1/0		0.240	0.47	

5G NR n70

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
5G NR n70	5MHz, BPSK	25/0	1702.5	4.473	5.00
	5MHz, QPSK			4.473	4.99
	5MHz, 16QAM			4.492	5.05
	10MHz, BPSK	50/0		8.957	9.71
	10MHz, QPSK			8.923	9.62
	10MHz, 16QAM			9.004	9.89
	15MHz, BPSK	75/0		13.454	14.29
	15MHz, QPSK			13.432	14.42
	15MHz, 16QAM			13.394	14.29
	15MHz, BPSK	1/0		0.263	0.37

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	4.502	5.16
	5MHz, 16QAM			4.506	5.17
	10MHz, QPSK	50/0		8.978	9.98
	10MHz, 16QAM			8.963	9.87
	15MHz, QPSK	75/0		13.431	14.84
	15MHz, 16QAM			13.445	14.87
	20MHz, QPSK	100/0		17.911	19.58
	20MHz, 16QAM			17.923	19.67
	20MHz, QPSK	1/0		0.269	0.46

5G NR n71

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
5G NR n71	5MHz, BPSK	25/0	680.5	4.481	5.11
	5MHz, QPSK			4.480	5.11
	5MHz, 16QAM			4.482	5.04
	10MHz, BPSK	50/0		8.956	9.73
	10MHz, QPSK			8.938	9.63
	10MHz, 16QAM			8.932	9.68
	15MHz, BPSK	75/0		13.852	14.72
	15MHz, QPSK			13.420	14.20
	15MHz, 16QAM			13.425	14.38
	20MHz, BPSK	100/0		17.880	19.07
	20MHz, QPSK			17.856	19.03
	20MHz, 16QAM			17.876	18.95
	20MHz, BPSK	1/0		0.325	0.50

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

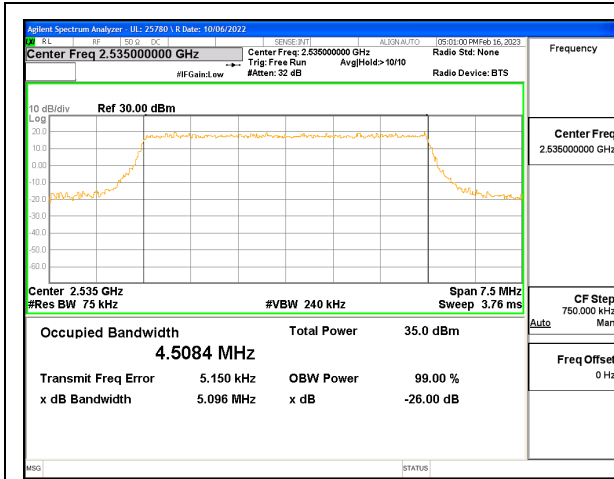
Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
5G NR n77 (FCC Part 27 3450- 3550MHz)	10MHz, BPSK	24/0	3500.0	8.606	9.72
	10MHz, QPSK			8.604	9.49
	10MHz, 16QAM			8.624	9.83
	15MHz, BPSK	36/0		12.913	14.36
	15MHz, QPSK			12.936	13.86
	15MHz, 16QAM			12.570	14.26
	20MHz, BPSK	50/0		17.984	19.68
	20MHz, QPSK			17.885	19.55
	20MHz, 16QAM			17.849	19.30
	30MHz, BPSK	75/0		26.806	28.80
	30MHz, QPSK			26.946	29.08
	30MHz, 16QAM			26.917	28.82
	40MHz, BPSK	100/0		35.767	37.98
	40MHz, QPSK			35.900	38.16
	40MHz, 16QAM			35.721	38.92
	50MHz, BPSK	128/0		45.851	48.63
	50MHz, QPSK			45.669	48.47
	50MHz, 16QAM			45.694	48.31
	60MHz, BPSK	162/0		57.855	60.79
	60MHz, QPSK			57.940	60.86
	60MHz, 16QAM			57.890	60.83
	70MHz, BPSK	180/0		64.198	67.46
	70MHz, QPSK			64.593	67.85
	70MHz, 16QAM			64.277	67.58
	80MHz, BPSK	216/0		77.321	80.69
	80MHz, QPSK			77.339	80.90
	80MHz, 16QAM			77.081	80.70
	90MHz, BPSK	243/0		86.844	90.58
	90MHz, QPSK			86.939	90.73
	90MHz, 16QAM			86.689	90.51
100MHz, BPSK	270/0	96.237	100.6		
100MHz, QPSK		96.485	100.8		
100MHz, 16QAM		96.557	100.9		
100MHz, BPSK	1/0	0.598	1.11		

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

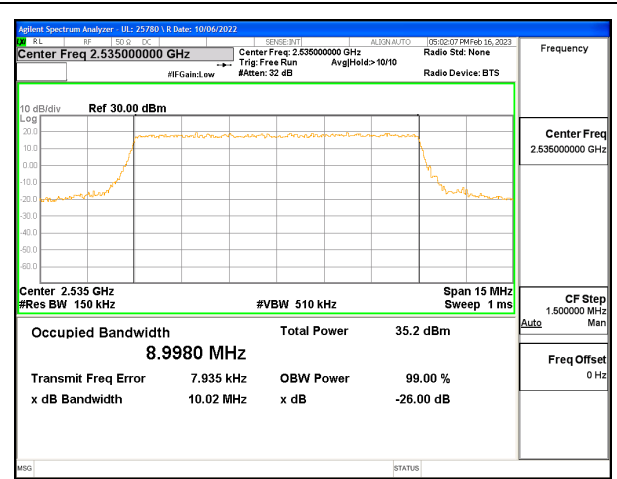
Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
5G NR n77(FCC Part 27 3700- 3980MHz)	10MHz, BPSK	24/0	3840.0	8.610	9.68
	10MHz, QPSK			8.576	9.59
	10MHz, 16QAM			8.636	9.83
	15MHz, BPSK	36/0		12.894	14.05
	15MHz, QPSK			12.911	14.02
	15MHz, 16QAM			12.913	14.14
	20MHz, BPSK	50/0		17.869	19.12
	20MHz, QPSK			17.878	19.37
	20MHz, 16QAM			17.870	19.14
	30MHz, BPSK	75/0		26.800	28.56
	30MHz, QPSK			26.843	28.54
	30MHz, 16QAM			26.799	28.69
	40MHz, BPSK	100/0		35.784	37.70
	40MHz, QPSK			35.764	37.68
	40MHz, 16QAM			35.781	37.53
	50MHz, BPSK	128/0		45.785	47.98
	50MHz, QPSK			45.693	47.80
	50MHz, 16QAM			45.701	47.84
	60MHz, BPSK	162/0		57.957	60.69
	60MHz, QPSK			57.830	60.41
	60MHz, 16QAM			57.892	60.47
	70MHz, BPSK	180/0		64.250	67.14
	70MHz, QPSK			64.216	67.63
	70MHz, 16QAM			64.207	67.09
	80MHz, BPSK	216/0		77.173	80.41
	80MHz, QPSK			77.062	80.49
	80MHz, 16QAM			77.042	80.31
	90MHz, BPSK	243/0		86.590	90.31
	90MHz, QPSK			86.931	90.67
	90MHz, 16QAM			86.749	90.21
100MHz, BPSK	270/0	96.314	100.3		
100MHz, QPSK		96.544	100.6		
100MHz, 16QAM		96.618	100.5		
100MHz, BPSK	1/0	0.597	1.04		

9.1.1. LTE BAND 7 AND 5G NR n7

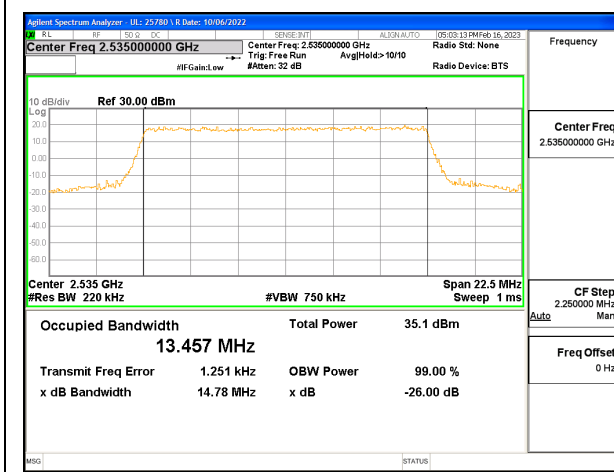
LTE BAND 7



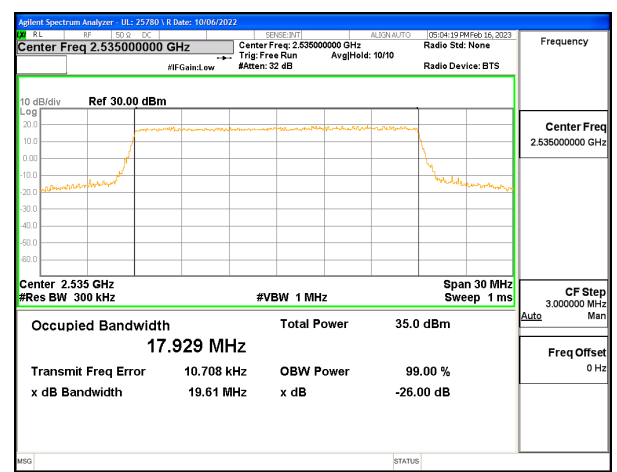
LTE B7 5MHz QPSK Middle Channel RB25-0



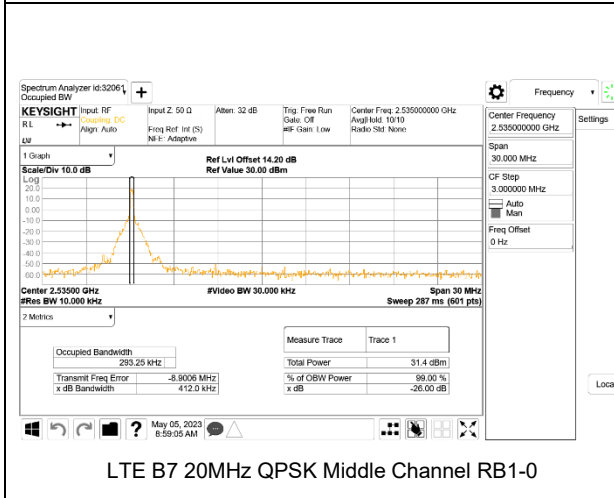
LTE B7 10MHz QPSK Middle Channel RB50-0



LTE B7 15MHz QPSK Middle Channel RB75-0



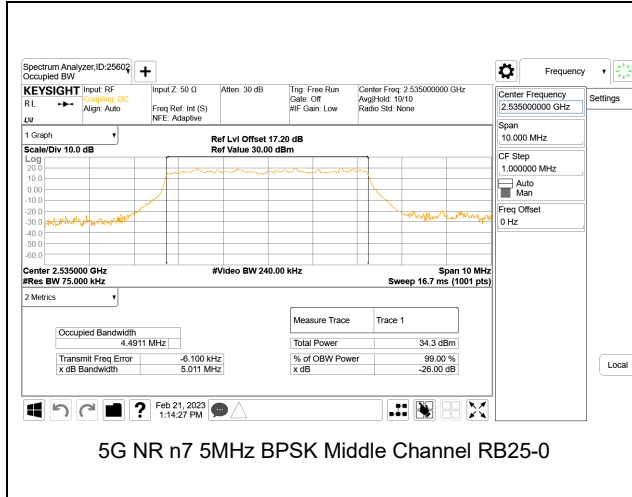
LTE B7 20MHz QPSK Middle Channel RB100-0



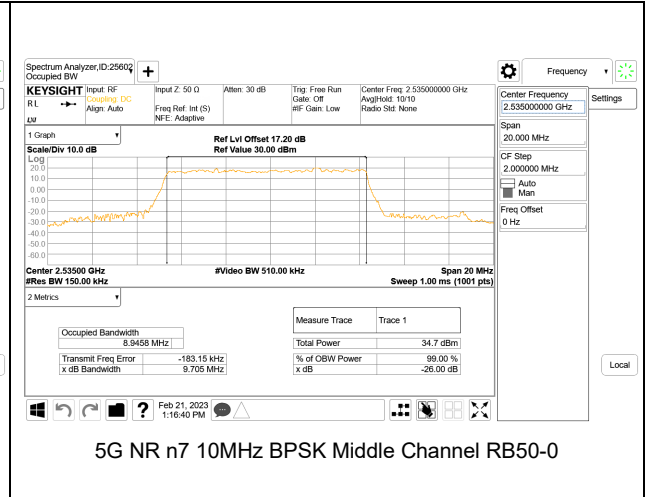
LTE B7 20MHz QPSK Middle Channel RB1-0

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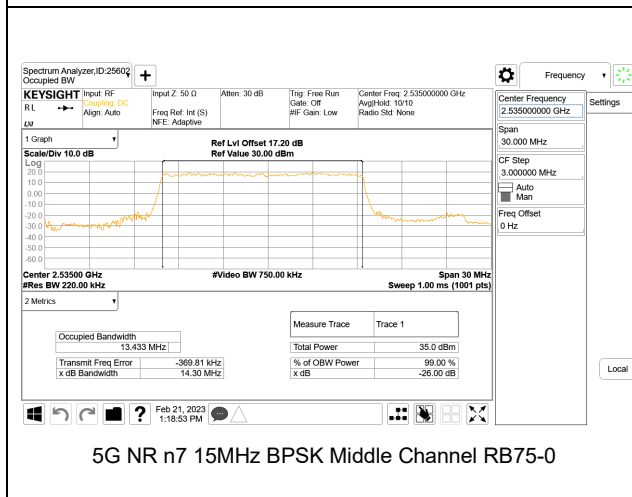
5G NR n7



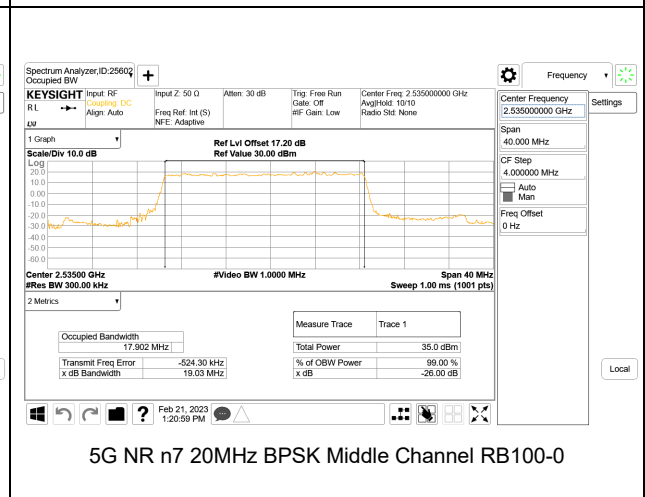
5G NR n7 5MHz BPSK Middle Channel RB25-0



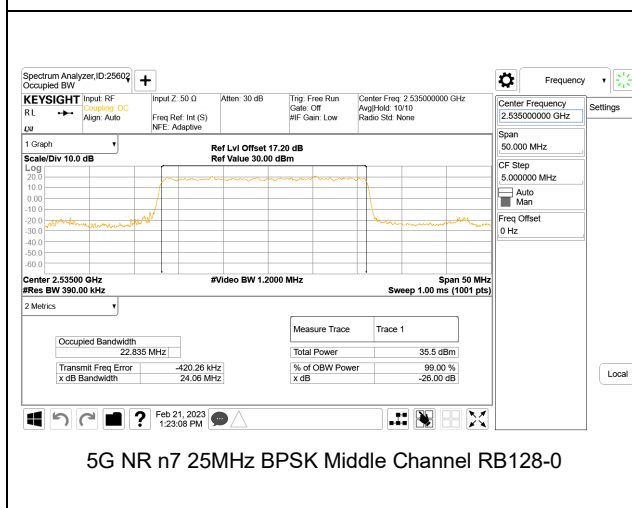
5G NR n7 10MHz BPSK Middle Channel RB50-0



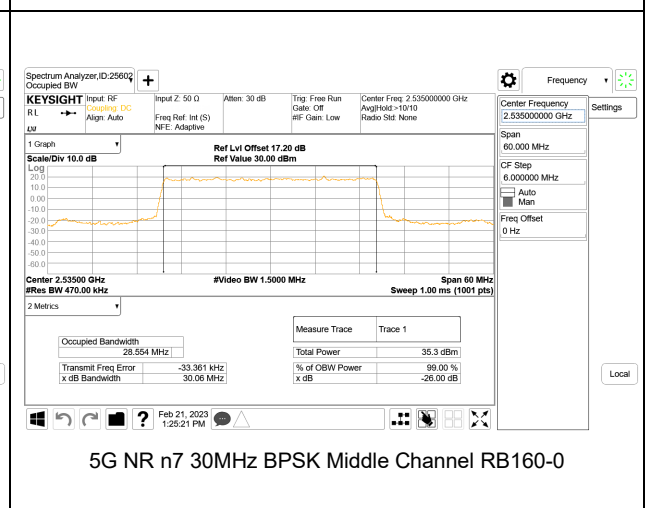
5G NR n7 15MHz BPSK Middle Channel RB75-0



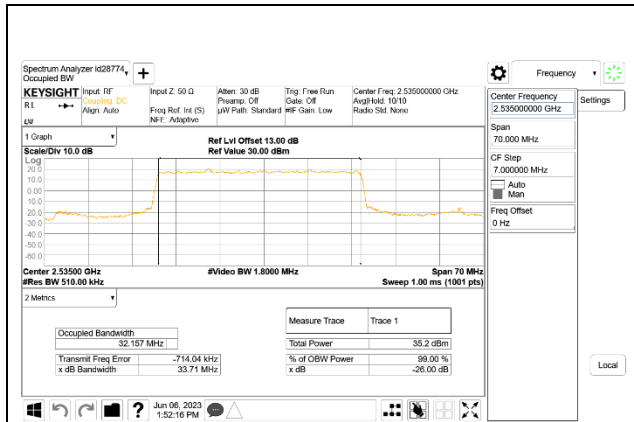
5G NR n7 20MHz BPSK Middle Channel RB100-0



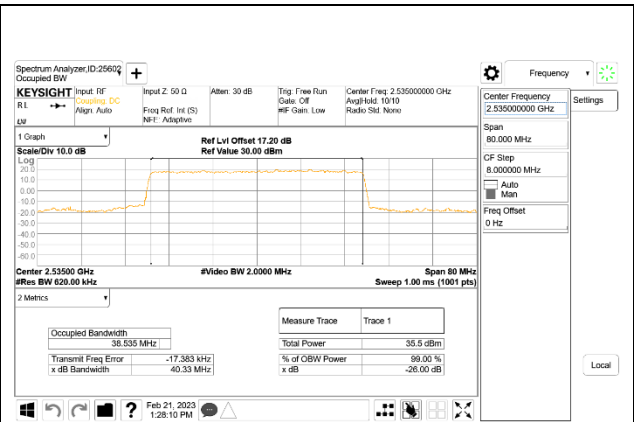
5G NR n7 25MHz BPSK Middle Channel RB128-0



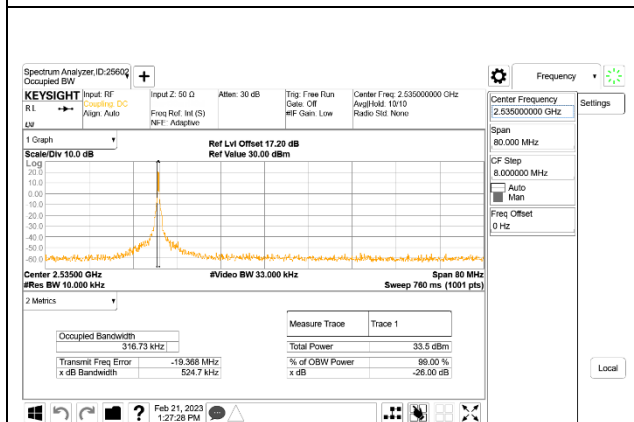
5G NR n7 30MHz BPSK Middle Channel RB160-0



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



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

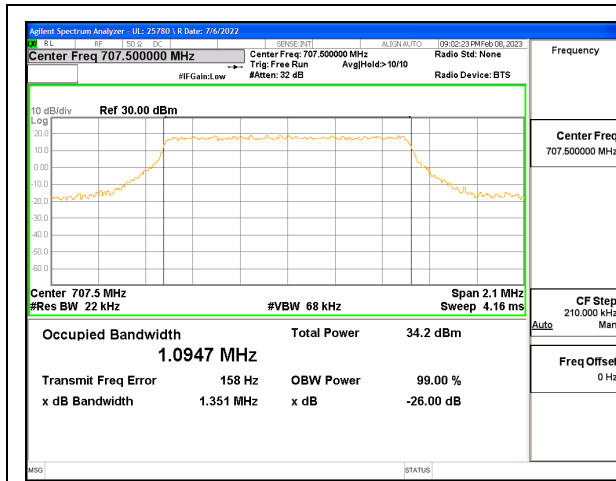


5G NR n7 40MHz BPSK Middle Channel RB1-0

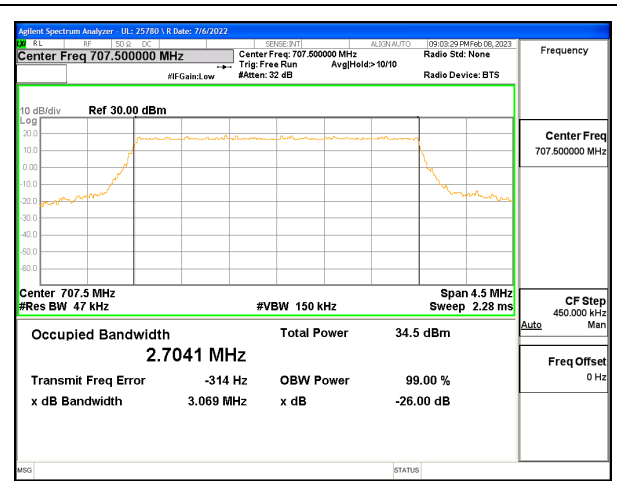
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9.1.2. LTE BAND 12 AND 5G NR n12

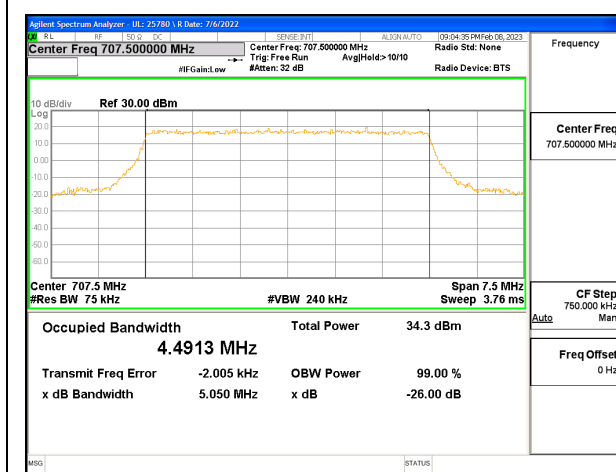
LTE BAND 12



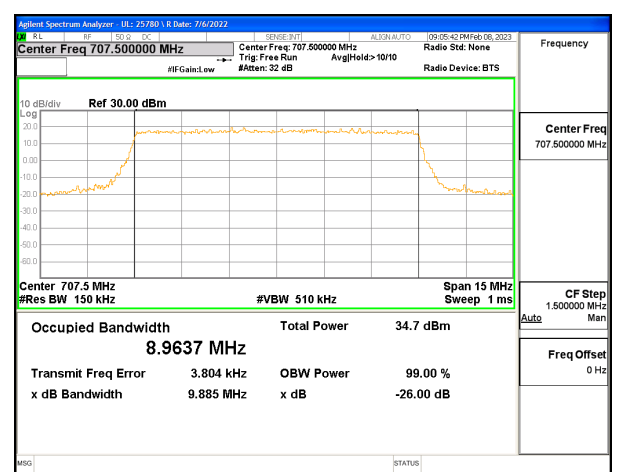
LTE B12 1.4MHz QPSK Middle Channel RB6-0



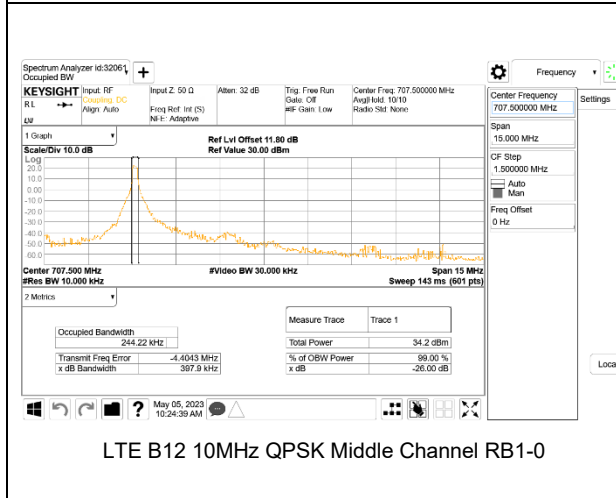
LTE B12 3MHz QPSK Middle Channel RB15-0



LTE B12 5MHz QPSK Middle Channel RB25-0



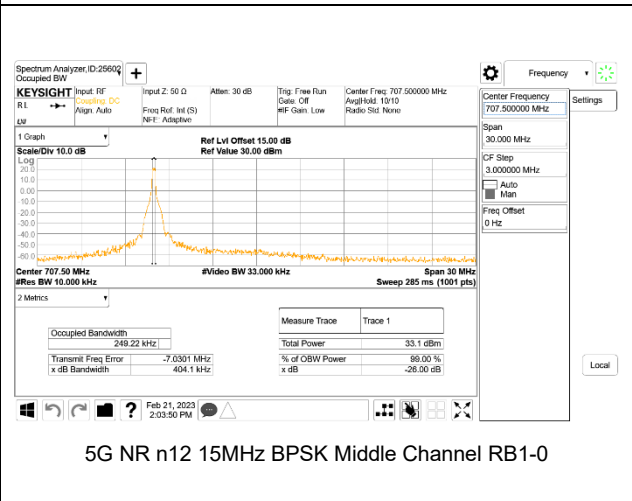
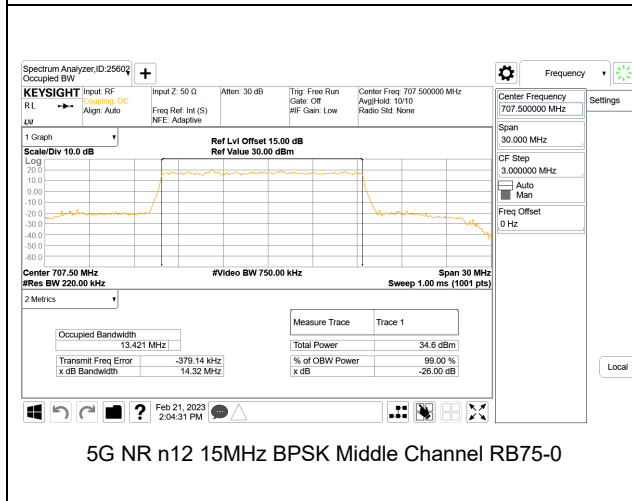
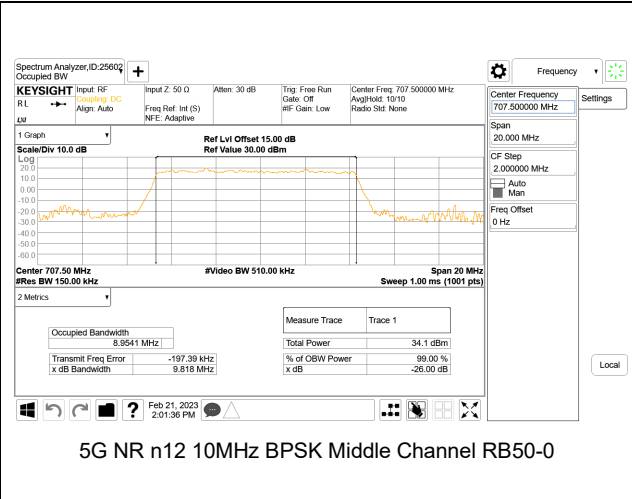
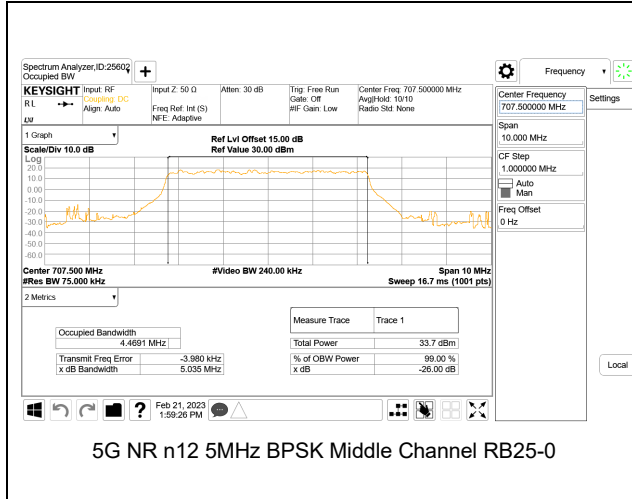
LTE B12 10MHz QPSK Middle Channel RB50-0



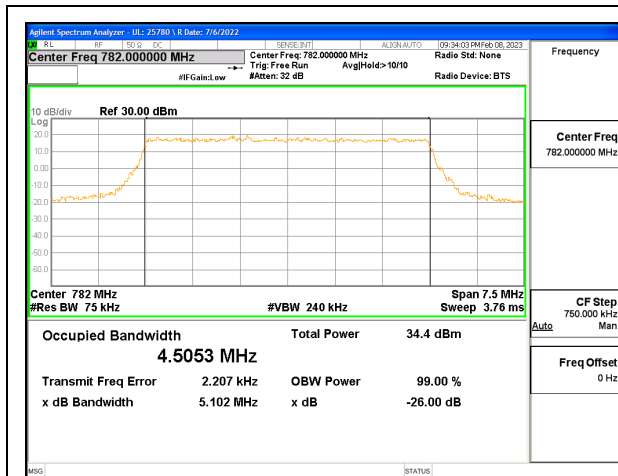
LTE B12 10MHz QPSK Middle Channel RB1-0

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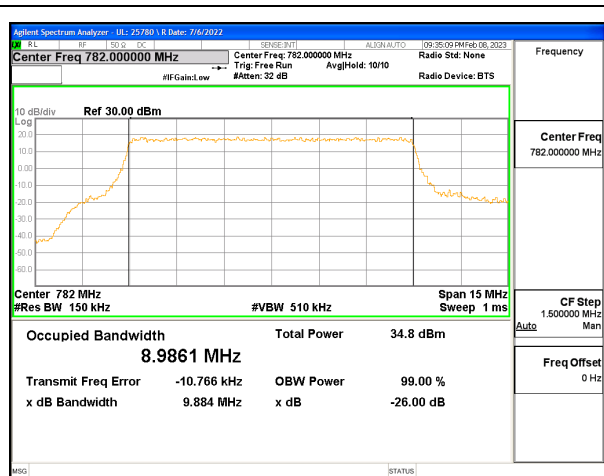
5G NR n12



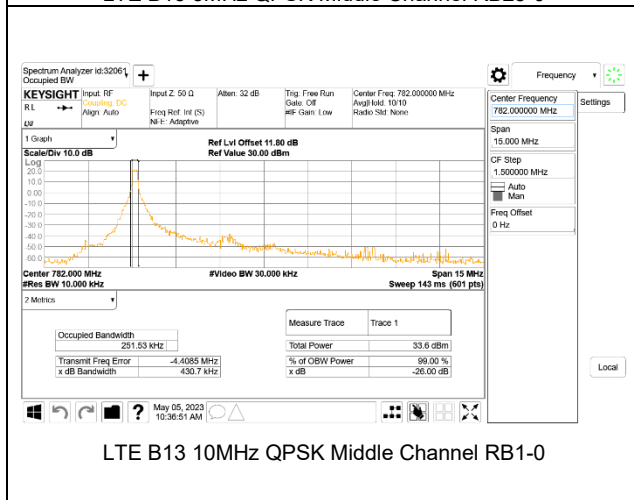
9.1.3. LTE BAND 13



LTE B13 5MHz QPSK Middle Channel RB25-0



LTE B13 10MHz QPSK Middle Channel RB50-0

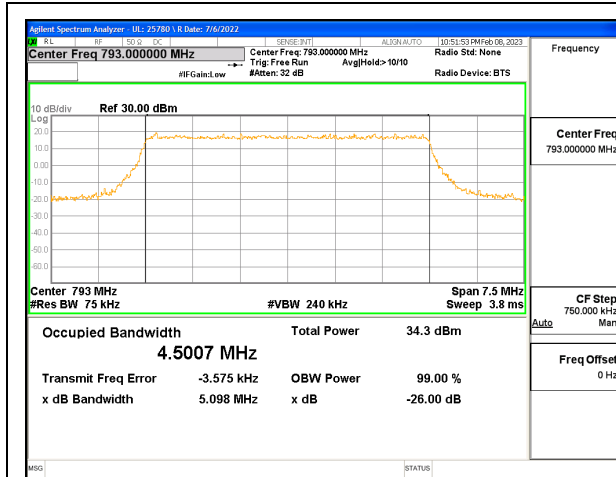


LTE B13 10MHz QPSK Middle Channel RB1-0

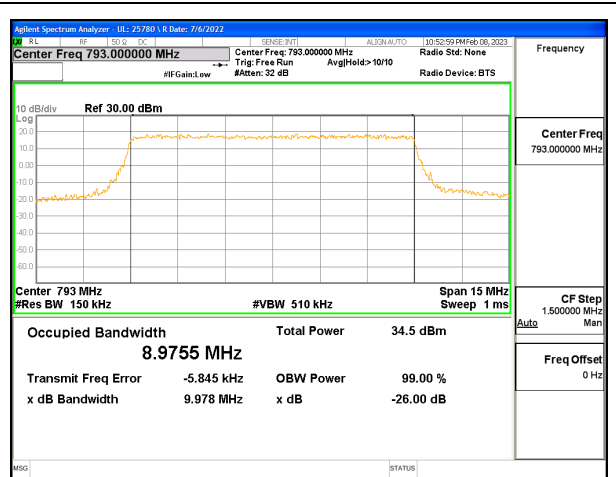
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9.1.4. LTE BAND 14 AND 5G NR n14

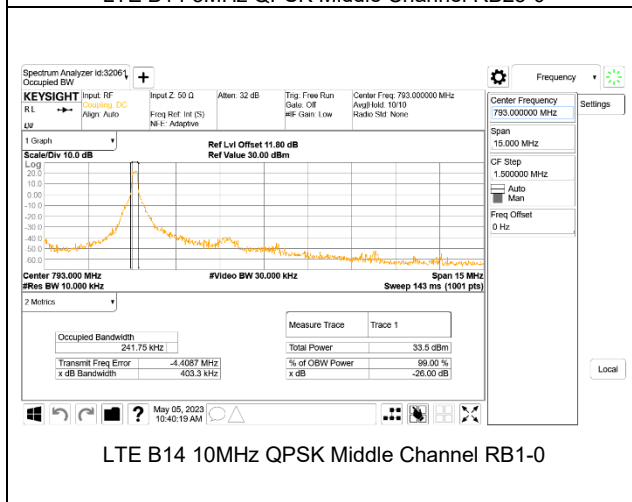
LTE BAND 14



LTE B14 5MHz QPSK Middle Channel RB25-0



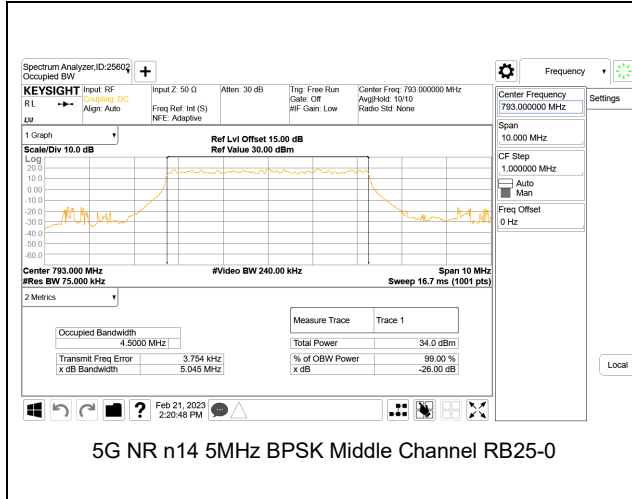
LTE B14 10MHz QPSK Middle Channel RB50-0



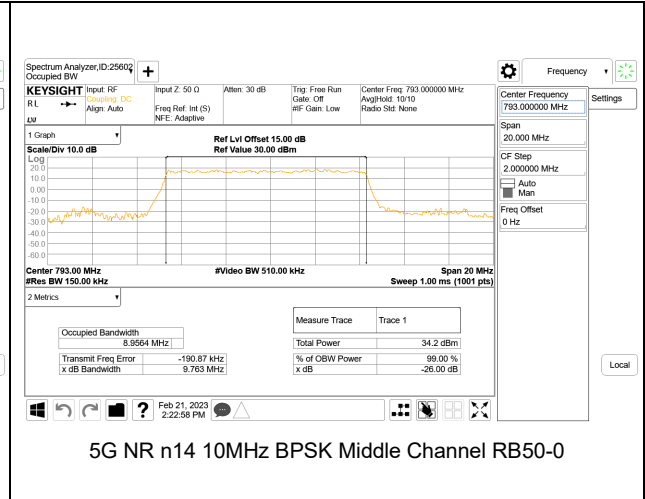
LTE B14 10MHz QPSK Middle Channel RB1-0

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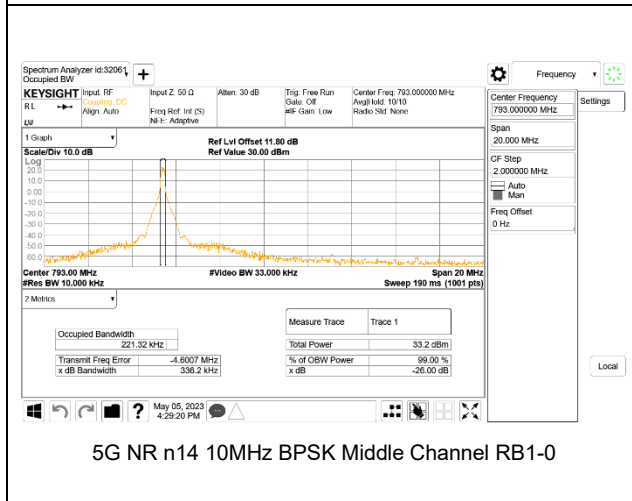
5G NR n14



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



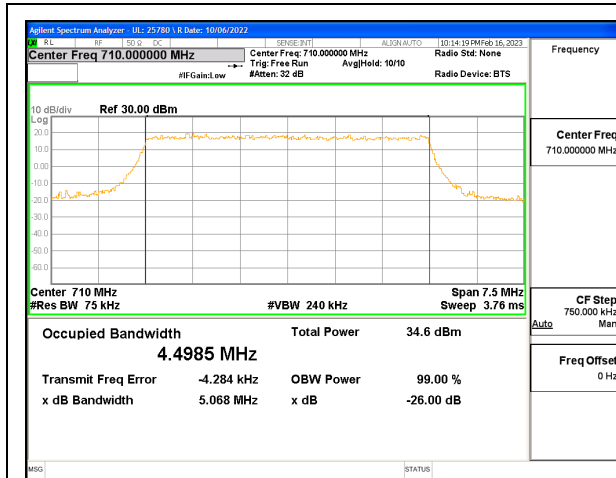
5G NR n14 10MHz BPSK Middle Channel RB50-0



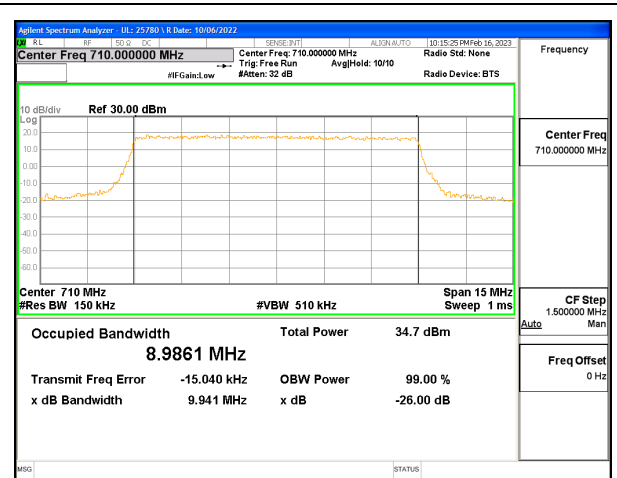
5G NR n14 10MHz BPSK Middle Channel RB1-0

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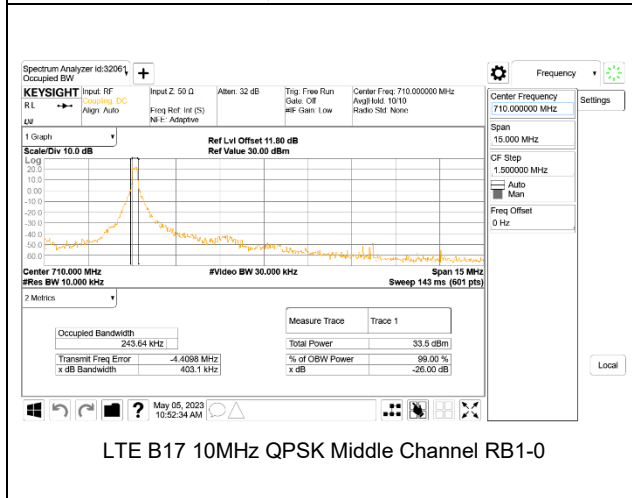
9.1.5. LTE BAND 17



LTE B17 5MHz QPSK Middle Channel RB25-0



LTE B17 10MHz QPSK Middle Channel RB50-0

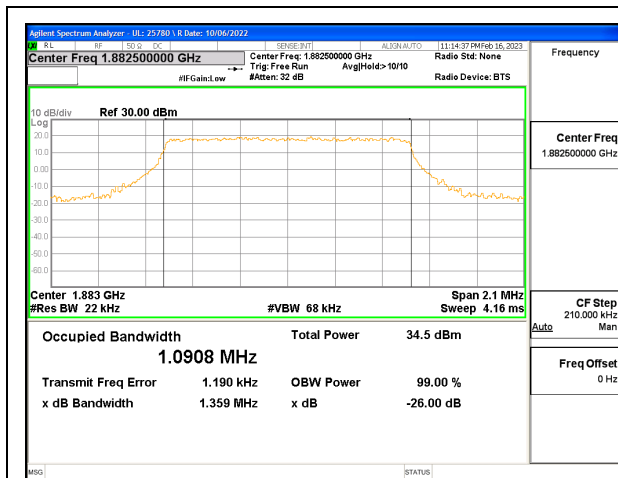


LTE B17 10MHz QPSK Middle Channel RB1-0

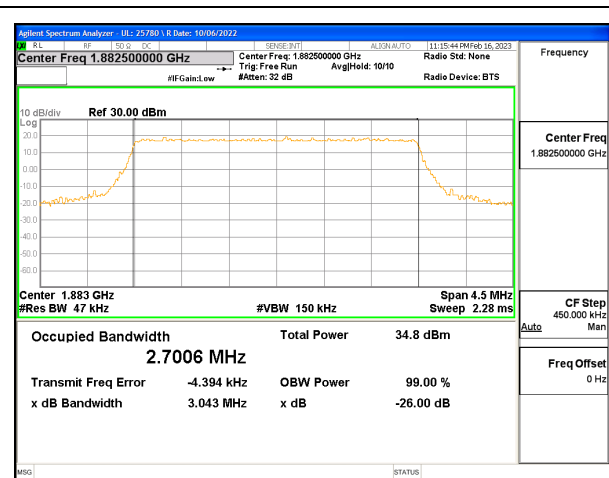
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9.1.6. LTE BAND 25 AND 5G NR n25

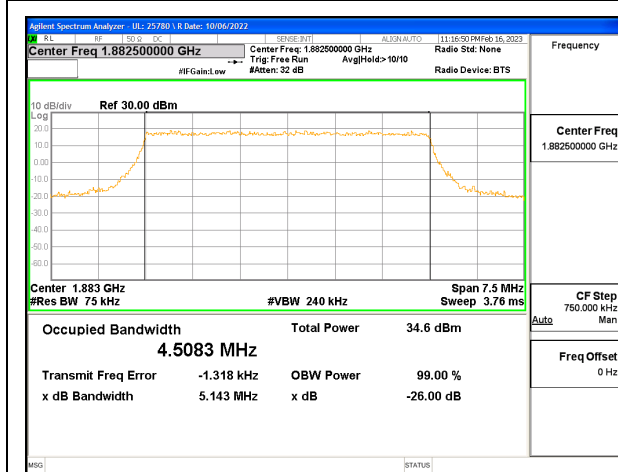
LTE BAND 25



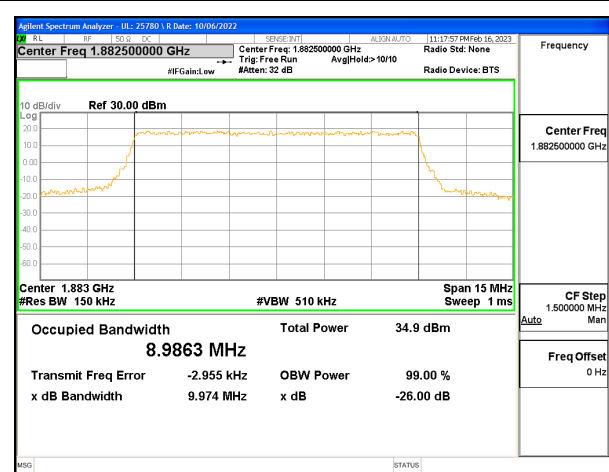
LTE B25 1.4MHz QPSK Middle Channel RB6-0



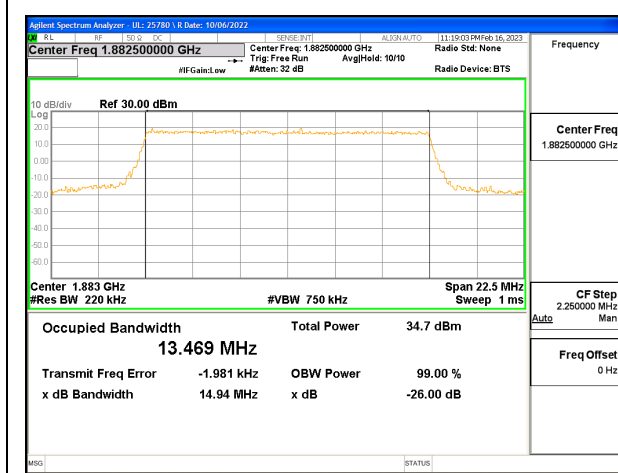
LTE B25 3MHz QPSK Middle Channel RB15-0



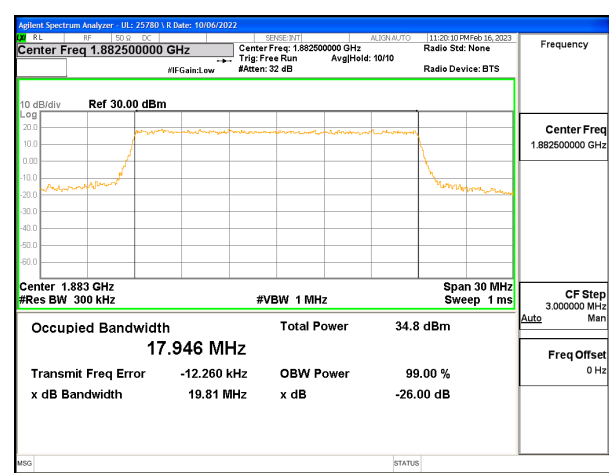
LTE B25 5MHz QPSK Middle Channel RB25-0



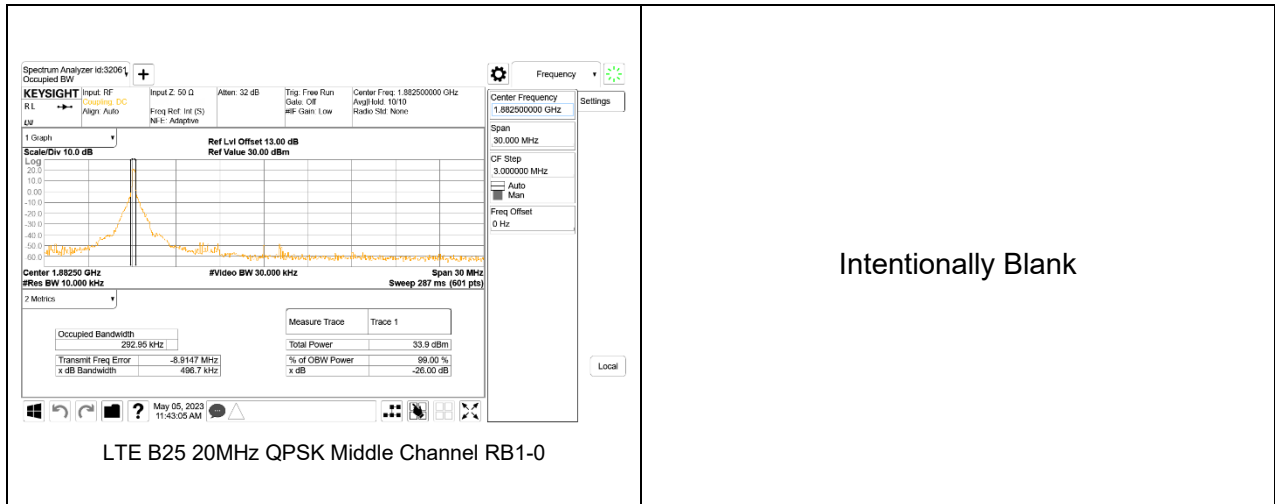
LTE B25 10MHz QPSK Middle Channel RB50-0



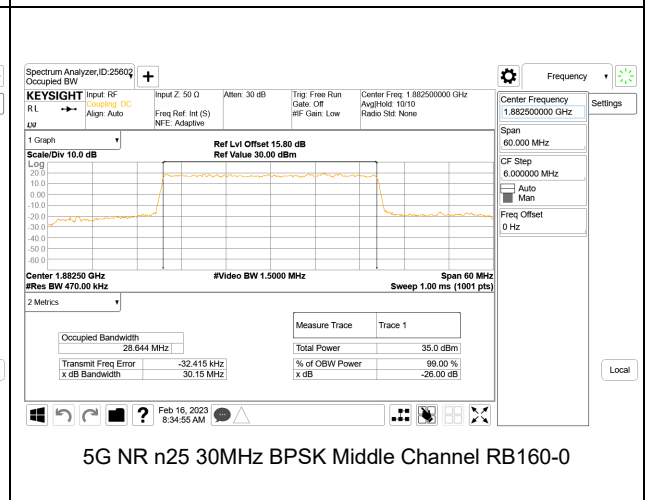
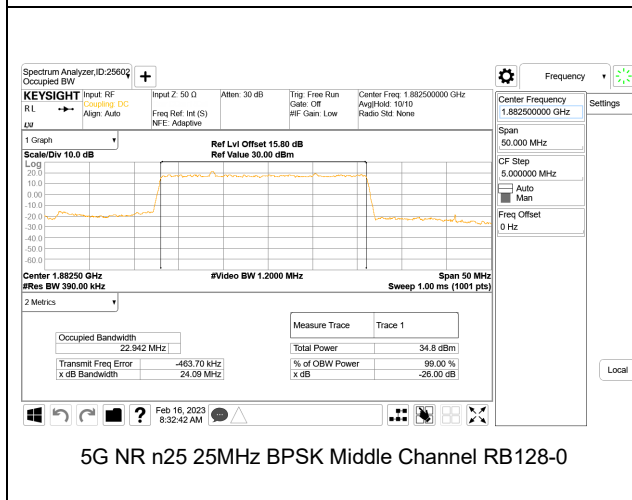
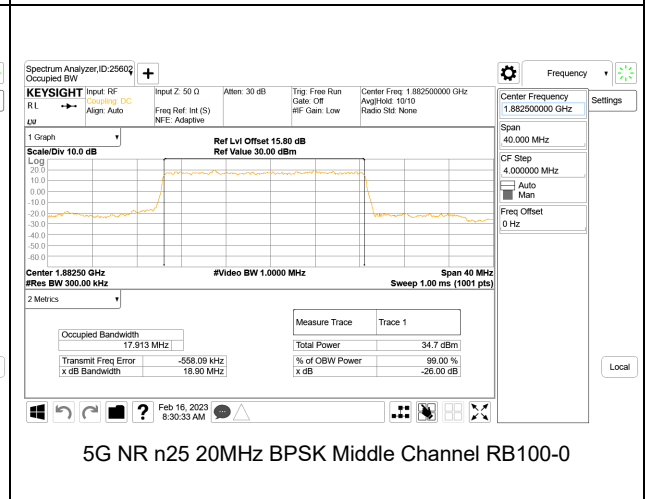
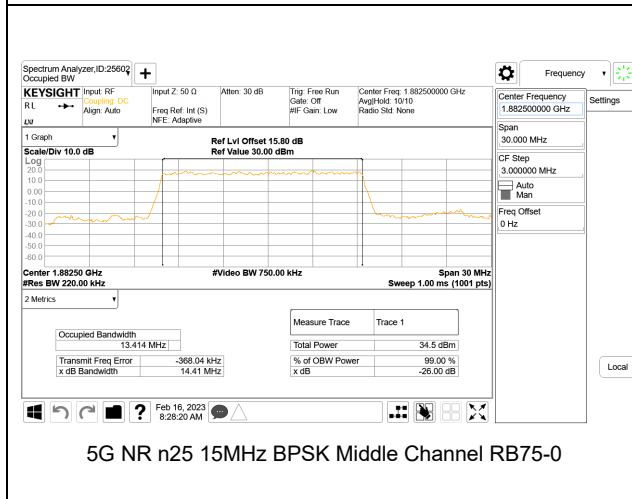
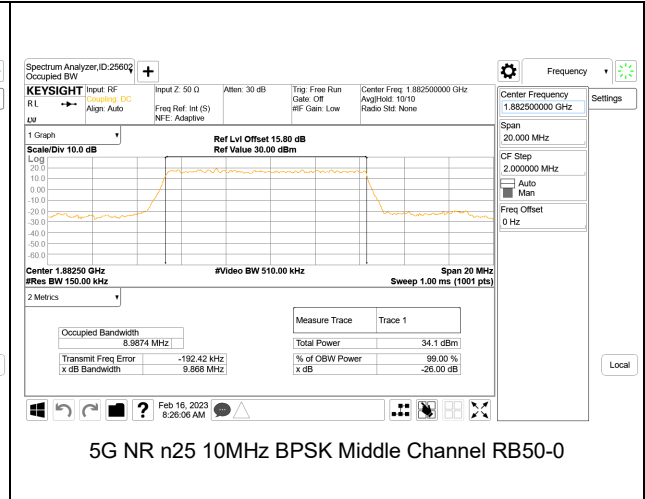
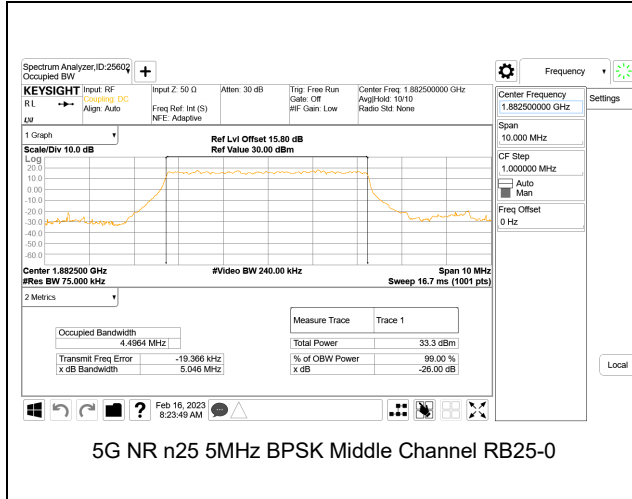
LTE B25 15MHz QPSK Middle Channel RB75-0

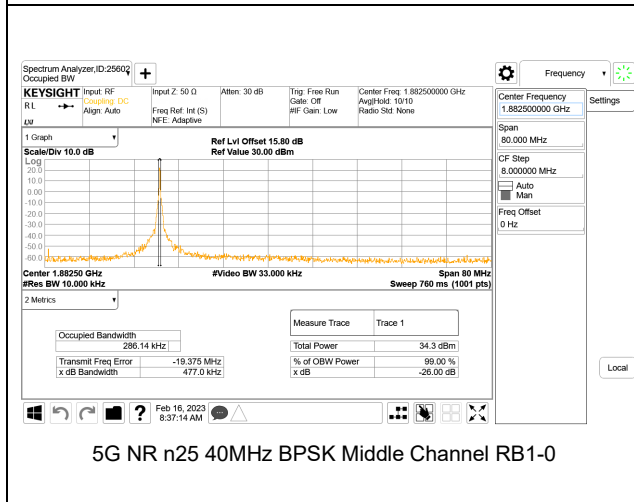
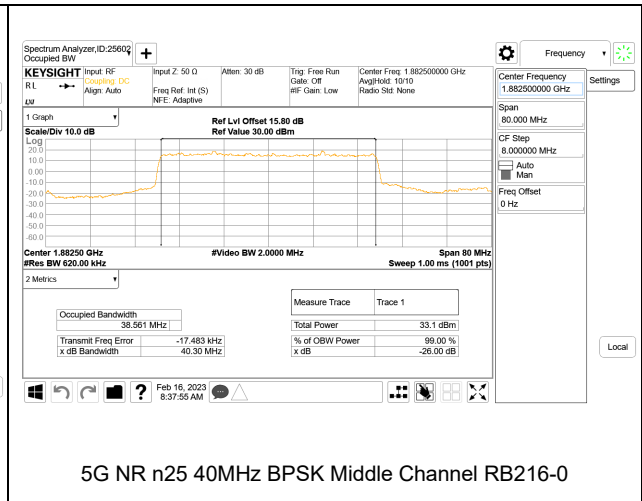
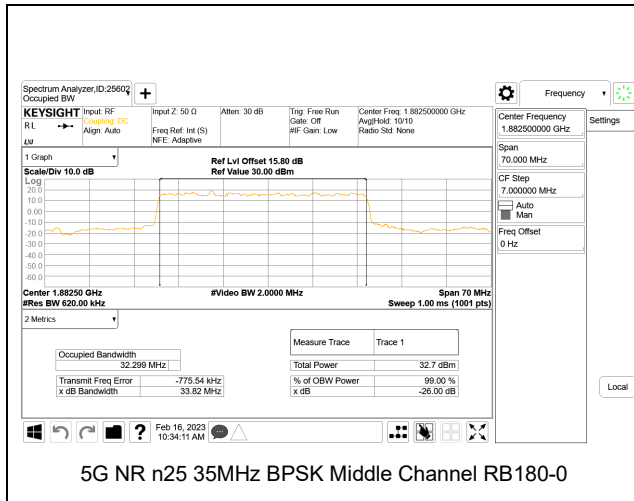


LTE B25 20MHz QPSK Middle Channel RB100-0



5G NR n25

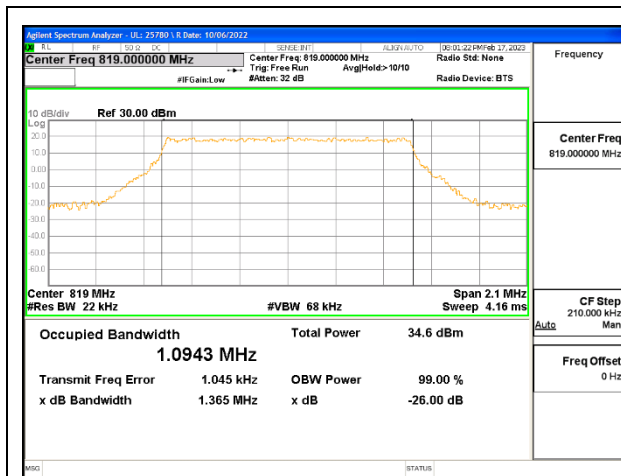




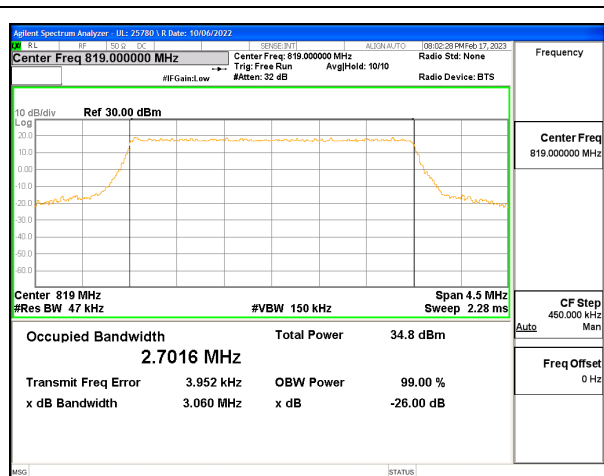
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9.1.7. LTE BAND 26 AND 5G NR n26 (PART 90S)

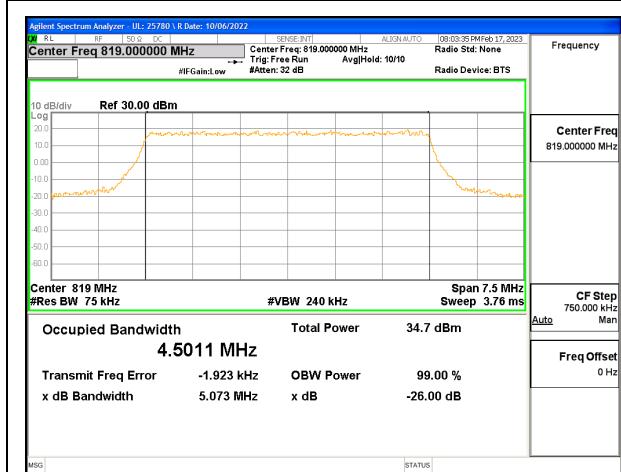
LTE BAND 26 (PART 90S)



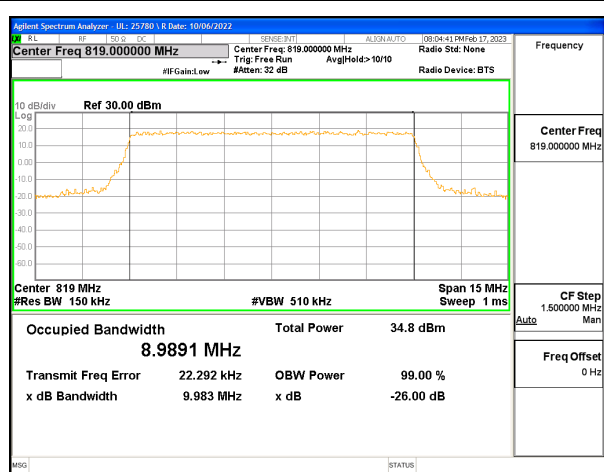
LTE B26 1.4MHz QPSK Middle Channel RB6-0



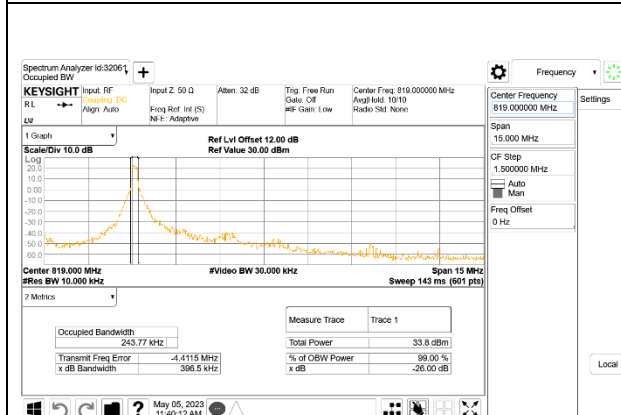
LTE B26 3MHz QPSK Middle Channel RB15-0



LTE B26 5MHz QPSK Middle Channel RB25-0



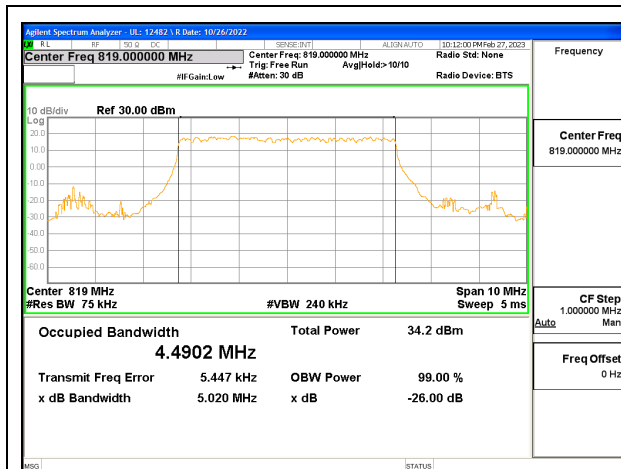
LTE B26 10MHz QPSK Middle Channel RB50-0



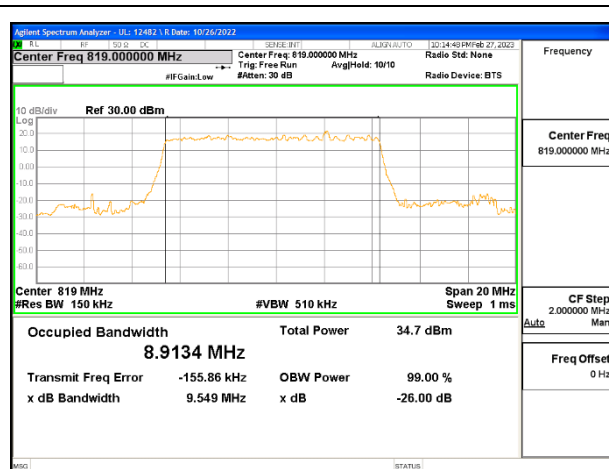
LTE B26 10MHz QPSK Middle Channel RB1-0

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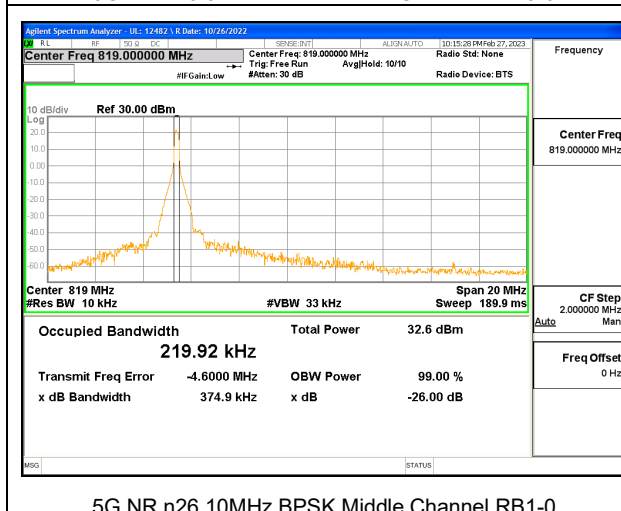
5G NR n26 (PART 90S)



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



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

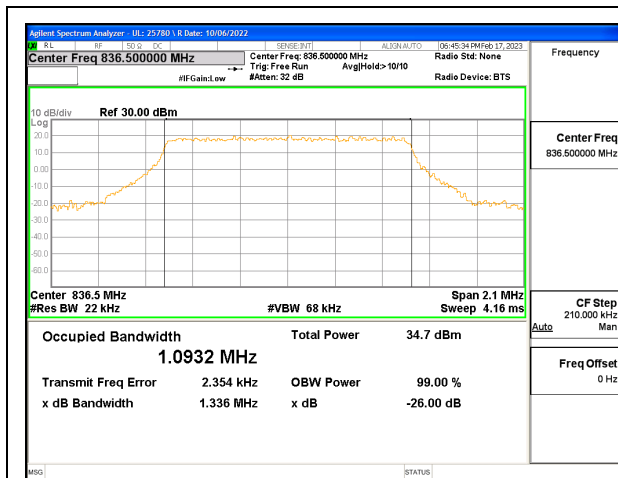


5G NR n26 10MHz BPSK Middle Channel RB1-0

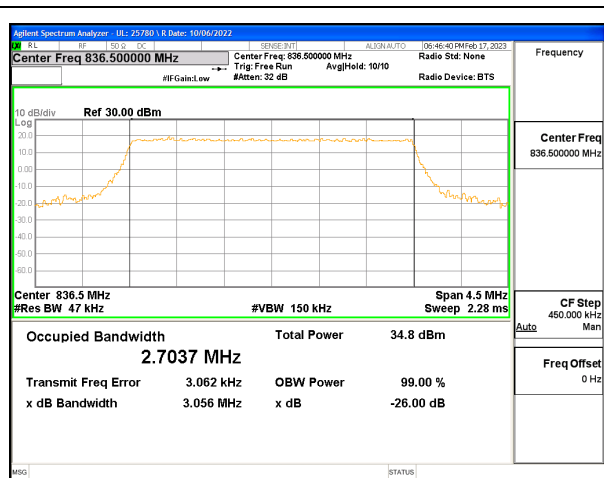
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9.1.8. LTE BAND 26 AND 5G NR n26 (PART 22)

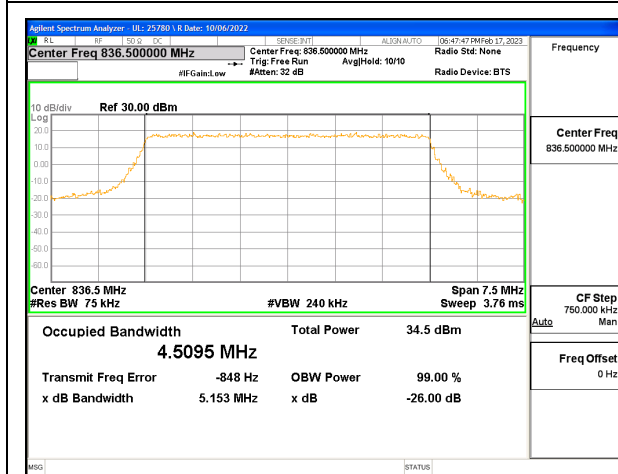
LTE BAND 26



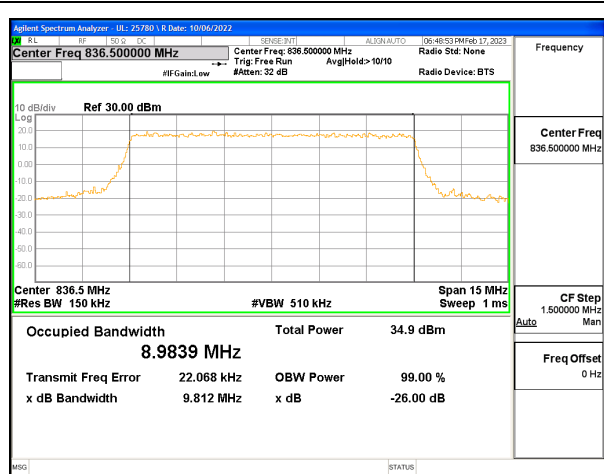
LTE B26 1.4MHz QPSK Middle Channel RB6-0



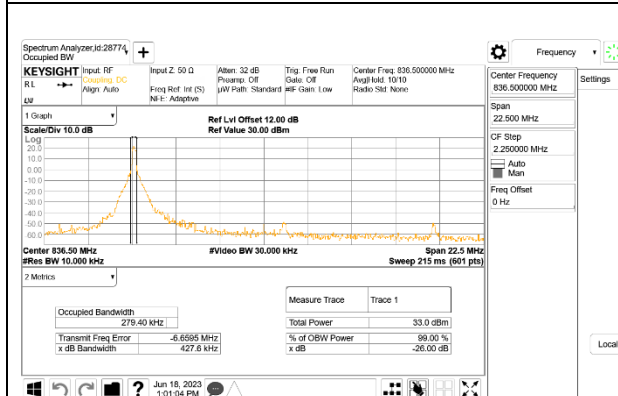
LTE B26 3MHz QPSK Middle Channel RB15-0



LTE B26 5MHz QPSK Middle Channel RB25-0



LTE B26 10MHz QPSK Middle Channel RB50-0



LTE B26 10MHz QPSK Middle Channel RB1-0

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