TEST REPORT

Report Number: 15496282- E31V4

Applicant	:	APPLE, INC 1 APPLE PARK WAY CUPERTINO, CA 95014, U.S.A.
Model	:	A3260
Brand	:	APPLE
FCC ID	:	BCG-E8948A
EUT Description	:	SMARTPHONE
Test Standard(s)	:	FCC 47 CFR PART 2, AND PART 27

Date Of Issue:
2025-08-22

Prepared by:
UL Verification Services Inc.
47173 Benicia Street
Fremont, CA 94538, U.S.A.
TEL: (510) 319-4000
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ACCREDITED
CERT #0751.05

Revision History

Rev.	Issue Date	Revisions	Revised By
V1	2025-07-03	Initial Review	--
V2	2025-08-15	Revise section 6.5	Mengistu Mekuria
V3	2025-08-20	Addressed TCB Feed Back. Updated Section 10.1.1, and 10.1.2	Michael Vang
V4	2025-08-22	Updated Section 10	Eric Ting

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TABLE OF CONTENTS

UL VERIFICATION SERVICES INC.
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UL VERIFICATION SERVICES INC.
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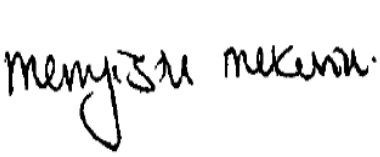
1. ATTESTATION OF TEST RESULTS

Applicant Name and Address	APPLE, INC 1 APPLE PARK WAY CUPERTINO, CA 95014, U.S.A.
Model	A3260
Brand	APPLE
FCC ID	BCG-E8948A
EUT Description	SMARTPHONE
Serial Number	RADIATED: MCF6WD23L5, FN7Q7DTPXJ, WG3N7QFT9G CONDUCTED: C07HF9000GC0000YGG, C07HGJ001620000YGG, C07HF9000KW0000YGG
Sample Receipt Date	2025-01-08
Date Tested	2025-02-14 to 2025-06-25
Applicable Standards	FCC 47 CFR PART 2, PART 27
Test Results	COMPLIES

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

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

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

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

2. SUMMARY OF TEST RESULTS

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

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

1. Antenna gain (see section 6.4)

Requirement Description	Requirement Clause Number (FCC)	Result	Remarks
Equivalent Isotropic Radiated Power	27.50(k) (3), (j) (3)	Compiles	
Occupied Bandwidth	2.1049	Compiles	
Band Edge and Emission Mask	2.1051, 27.53(n), 27.53(l)	Compiles	
Out of Band Emissions	2.1051, 27.53(n), 27.53(l)	Compiles	
Frequency Stability	2.1055, 27.54	Compiles	
Peak-to-Average Ratio	27.50(k) (4), 27.50(j) (4)	Compiles	
Field Strength of Spurious Radiation	2.1051, 27.53(n), 27.53(l)	Compiles	

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3. TEST METHODOLOGY

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

- ANSI C63.26:2015
- ANSI/TIA-603-E (2016)
- FCC 47 CFR Part 2, Part 27
- FCC KDB 971168 D01 : Power Meas License Digital Systems
- FCC KDB 971168 D02: Misc Rev Approv License Devices
- FCC KDB 412172 D01 : Determining ERP and EIRP

4. FACILITIES AND ACCREDITATION

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

	Address	ISED CABID	ISED Company Number	FCC Registration
☒	Building 1: 47173 Benicia Street, Fremont, CA 94538, USA	US0104	2324A	550739
☒	Building 2: 47266 Benicia Street, Fremont, CA 94538, USA			
☒	Building 3: 843 Auburn Court, Fremont, CA 94538, USA			
☐	Building 4: 47658 Kato Rd, Fremont, CA 94538, USA			
☒	Building 5: 47670 Kato Rd, Fremont, CA 94538, USA			

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5. DECISION RULES AND MEASUREMENT UNCERTAINTY

5.1. METROLOGICAL TRACEABILITY

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

5.2. DECISION RULES

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

5.3. MEASUREMENT UNCERTAINTY

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

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

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

5.4. SAMPLE CALCULATION

RADIATED EMISSIONS

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

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6. EQUIPMENT UNDER TEST

6.1. DESCRIPTION OF EUT

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

6.2. MAXIMUM OUTPUT POWER

EIRP/ERP TEST PROCEDURE

ANSI C63.26:2015
KDB 971168 D01 Section 5.6

ERP/EIRP = PMeas + GT − LC
where: ERP/EIRP = effective or equivalent radiated power, respectively (expressed in the same units as PMeas, typically dBW or dBm);
PMeas = measured transmitter output power or PSD, in dBm or dBW;
GT = gain of the transmitting antenna, in dBd (ERP) or dBi (EIRP);
LC = signal attenuation in the connecting cable between the transmitter and antenna, in dB.

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

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 peak EIRP output powers as follows:

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

Part 27	
EIRP Limit (W)	1.00
Antenna Gain (dBi)_Ant(8)	0.00

Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (MHz)	99% BW (kHz)	Emission Designator
10.0	BPSK	3455.0	3545.0	28.70	28.70	0.741	8.644	8644	8M64G7W
	QPSK			28.70	28.70	0.741	8.573	8573	8M57G7W
	16QAM			27.68	27.68	0.586	8.622	8622	8M62D7W
15.0	BPSK	3457.5	3542.5	28.70	28.70	0.741	12.930	12930	12M9G7W
	QPSK			28.70	28.70	0.741	12.925	12925	12M9G7W
	16QAM			27.70	27.70	0.589	12.928	12928	12M9D7W
20.0	BPSK	3460.0	3540.0	28.70	28.70	0.741	17.928	17928	17M9G7W
	QPSK			28.70	28.70	0.741	17.929	17929	17M9G7W
	16QAM			27.70	27.70	0.589	17.924	17924	17M9D7W
25.0	BPSK	3462.5	3537.5	28.70	28.70	0.741	22.978	22978	23M0G7W
	QPSK			28.70	28.70	0.741	22.964	22964	23M0G7W
	16QAM			27.63	27.63	0.579	22.978	22978	23M0D7W
30.0	BPSK	3465.0	3535.0	28.70	28.70	0.741	26.940	26940	26M9G7W
	QPSK			28.70	28.70	0.741	26.953	26953	27M0G7W
	16QAM			27.53	27.53	0.566	26.948	26948	26M9D7W
40.0	BPSK	3470.0	3530.0	28.70	28.70	0.741	35.865	35865	35M9G7W
	QPSK			28.70	28.70	0.741	35.833	35833	35M8G7W
	16QAM			27.64	27.64	0.581	35.874	35874	35M9D7W
50.0	BPSK	3475.0	3525.0	28.70	28.70	0.741	45.759	45759	45M8G7W
	QPSK			28.70	28.70	0.741	45.741	45741	45M7G7W
	16QAM			27.68	27.68	0.586	45.904	45904	45M9D7W
60.0	BPSK	3480.0	3520.0	28.70	28.70	0.741	57.891	57891	57M9G7W
	QPSK			28.67	28.67	0.736	57.853	57853	57M9G7W
	16QAM			27.70	27.70	0.589	58.156	58156	58M2D7W
70.0	BPSK	3485.0	3515.0	28.70	28.70	0.741	64.465	64465	64M5G7W
	QPSK			28.70	28.70	0.741	64.292	64292	64M3G7W
	16QAM			27.70	27.70	0.589	64.602	64602	64M6D7W
80.0	BPSK	3490.0	3510.0	28.70	28.70	0.741	77.276	77276	77M3G7W
	QPSK			28.56	28.56	0.718	77.267	77267	77M3G7W
	16QAM			27.68	27.68	0.586	77.447	77447	77M4D7W
90.0	BPSK	3495.0	3505.0	28.70	28.70	0.741	86.912	86912	86M9G7W
	QPSK			28.58	28.58	0.721	86.771	86771	86M8G7W
	16QAM			27.67	27.67	0.585	86.977	86977	87M0D7W
100.0	BPSK	3500.0	3500.0	28.70	28.70	0.741	96.695	96695	96M7G7W
	QPSK			28.47	28.47	0.703	96.405	96405	96M4G7W
	16QAM			27.66	27.66	0.583	96.740	96740	96M7D7W

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

Part 27	
EIRP Limit (W)	1.00
Antenna Gain (dBi)_Ant(8)	-0.10

Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (MHz)	99% BW (kHz)	Emission Designator
10.0	BPSK	3705.0	3975.0	28.70	28.60	0.724	8.626	8626	8M63G7W
	QPSK			28.70	28.60	0.724	8.606	8606	8M61G7W
	16QAM			27.70	27.60	0.575	8.624	8624	8M62D7W
15.0	BPSK	3707.5	3972.5	28.70	28.60	0.724	12.940	12940	12M9G7W
	QPSK			28.70	28.60	0.724	12.914	12914	12M9G7W
	16QAM			27.70	27.60	0.575	12.950	12950	13M0D7W
20.0	BPSK	3710.0	3970.0	28.70	28.60	0.724	17.910	17910	17M9G7W
	QPSK			28.70	28.60	0.724	17.952	17952	18M0G7W
	16QAM			27.63	27.53	0.566	18.005	18005	18M0D7W
25.0	BPSK	3712.5	3967.5	28.70	28.60	0.724	22.962	22962	23M0G7W
	QPSK			28.70	28.60	0.724	22.939	22939	22M9G7W
	16QAM			27.70	27.60	0.575	22.966	22966	23M0D7W
30.0	BPSK	3715.0	3965.0	28.70	28.60	0.724	26.925	26925	26M9G7W
	QPSK			28.70	28.60	0.724	26.910	26910	26M9G7W
	16QAM			27.68	27.58	0.573	26.981	26981	27M0D7W
40.0	BPSK	3720.0	3960.0	28.70	28.60	0.724	35.876	35876	35M9G7W
	QPSK			28.70	28.60	0.724	35.824	35824	35M8G7W
	16QAM			27.70	27.60	0.575	35.880	35880	35M9D7W
50.0	BPSK	3725.0	3955.0	28.70	28.60	0.724	45.819	45819	45M8G7W
	QPSK			28.70	28.60	0.724	45.729	45729	45M7G7W
	16QAM			27.69	27.59	0.574	45.907	45907	45M9D7W
60.0	BPSK	3730.0	3950.0	28.70	28.60	0.724	58.173	58173	58M2G7W
	QPSK			28.70	28.60	0.724	57.853	57853	57M9G7W
	16QAM			27.69	27.59	0.574	58.030	58030	58M0D7W
70.0	BPSK	3735.0	3945.0	28.70	28.60	0.724	64.503	64503	64M5G7W
	QPSK			28.70	28.60	0.724	64.294	64294	64M3G7W
	16QAM			27.62	27.52	0.565	64.519	64519	64M5D7W
80.0	BPSK	3740.0	3940.0	28.70	28.60	0.724	77.338	77338	77M3G7W
	QPSK			28.70	28.60	0.724	77.177	77177	77M2G7W
	16QAM			27.70	27.60	0.575	77.392	77392	77M4D7W
90.0	BPSK	3745.0	3935.0	28.70	28.60	0.724	86.941	86941	86M9G7W
	QPSK			28.70	28.60	0.724	86.919	86919	86M9G7W
	16QAM			27.70	27.60	0.575	87.059	87059	87M1D7W
100.0	BPSK	3750.0	3930.0	28.70	28.60	0.724	96.475	96475	96M5G7W
	QPSK			28.70	28.60	0.724	96.404	96404	96M4G7W
	16QAM			27.69	27.59	0.574	96.649	96649	96M6D7W

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6.3. SOFTWARE AND FIRMWARE

The EUT firmware installed during testing was version 1.50.69.

6.4. MAXIMUM ANTENNA GAIN AND MAXIMUM ALLOWED OUTPUT POWER

The IFA antenna(s) gain/allowed output power, as provided by the manufacturer are as follows:

Bands	Frequency Range (MHz)	Antenna	Gain (dBi)	Max Allowed Conducted Output Power (dBm)	EIRP (dBm)
5G NR n77	3450 – 3550	ANT4	-1.50	26.00	24.50
		ANT7	-2.60	27.00	24.40
		ANT8	0.00	28.70	**28.70**
		ANT9	-4.50	28.70	24.20
5G NR n77	3700 – 3980	ANT4	-3.00	26.00	23.00
		ANT7	-2.20	27.00	24.80
		ANT8	-0.10	28.70	**28.60**
		ANT9	-4.70	28.70	24.00

6.5. WORST-CASE CONFIGURATION AND MODE

This report covers the following technologies:

- 5G NR n77

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, BPSK were observed as the worst mode to 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 section 9 were measured while 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.

5G NR Bands	Worst case Antenna Port
5G NR n77 (SISO)	Ant 8

The EUT was investigated in three orthogonal orientations X/Y/Z on all available SISO and MIMO antennas combinations to determine the worst-case orientation. The following table exhibits the worst-case orientation. The full tests of the EUT have made upon the orientations that shown in the table below.

Frequency Range	ANT9	ANT8	ANT7	ANT4
3300 – 3980 MHz	X	X	X	X

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

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

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6.6. DESCRIPTION OF TEST SETUP

Refer to Appendix A for description of test 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**
Wideband Communication Test Set, Call Box	R&S GmbH & Co.	CMW500	85723	2026-02-28
Wideband Communication Test Set, Call Box	R&S GmbH & Co.	CMW500	230297	2026-02-28
EMI TEST RECEIVER	Rohde & Schwarz	ESW44	169936	2026-02-28
Antenna, Horn 1-18GHz	ETS Lindgren	3117	200897	2026-04-30
RF Filter Box, 1-18GHz, 12 Port	UL-FR1	Frankenstein	217255	2026-01-31
EMI TEST RECEIVER	Rohde & Schwarz	ESW44	223460	2026-02-28
RF Filter Box, 1-18GHz, 17 Port	UL-FR1	RATS 2	236726	2025-10-31
Antenna, Horn 1-18GHz	ETS Lindgren	3117	80403	2026-08-31
Antenna, Broadband Hybrid, 30MHz to 3GHz	Sunol Sciences Corp.	JB3	171863	2026-11-30
Amplifier 9 KHz - 1 GHz	SONOMA INSTRUMENT	310N	224490	2026-05-06
Antenna, Passive Loop 30Hz - 1MHz	ELECTRO-METRICS	EM-6871	170013	2025-07-31
Antenna, Passive Loop 100KHz - 30MHz	ELECTRO-METRICS	EM-6872	170015	2025-07-31
PXA Signal Analyzer	Keysight Technologies Inc	N9030B	262735	2026-03-30
PXA Signal Analyzer	Keysight Technologies Inc	N9030B	231912	2026-04-30
PXA Signal Analyzer	Keysight Technologies Inc	N9030B	259079	2026-02-28
PXA Signal Analyzer	Agilent Technologies Inc	N9030A	87738	2026-01-16
UXM 5G Wireless Test Platform	Keysight Technologies Inc	E7515B	MY59020604	2026-02-26
Wideband Communication Test Set, Call Box	Rohde & Schwarz	CMW500	230298	2026-02-28
Wideband Communication Test Set, Call Box	Rohde & Schwarz	CMW500	222793	2026-02-28
Conducted Switch Box	N/A	CSB	227264	2026-03-31
Conducted Switch Box	N/A	CSB	262286	2026-04-30
Conducted Switch Box	N/A	CSB	262288	2026-04-30
Conducted Switch Box	N/A	CSB	263817	2026-05-31
Filter, BRF 3400-3800MHz, 18GHz max	Micro-Tronics	BRM50711	217364	2025-09-30
Filter, BRF 2305-2315	Micro-Tronics	BRC20553	224186	2026-06-29
Power Sensor, P - series, 50MHz to 18GHz, Wideband	Keysight Technologies Inc	N1921A	257704	2026-03-31
Chamber, Environmental	Cincinnati Sub Zero	ZPHS-8-3.5-SCT/WC	89097	2025-10-31
Chamber, Environmental	Cincinnati Sub Zero	ZPHS-8-3.5-SCT/WC	82472	2025-08-31
UL AUTOMATION SOFTWARE				
Conducted Software	UL	CLT	Ver.2023 11.21.0 & .2024.3.20.0 & 2022.7.6.0 & 2023.6.21	
Conducted Software	UL	Power Measurement	Ver.2023.8.14 & 2022.4.29 & 2023.6.8	
Conducted Software	UL	Antenna Port	Ver.2022.8.16& 2021.5.13	
Conducted Software	UL	Station Tool	Ver. 5.0 & 5.3 & 6.0 & 6.1	
Radiated Software	UL	UL EMC	Ver 9.5, May 1, 2023	

8. RF OUTPUT POWER VERIFICATION

CONDUCTED OUTPUT POWER MEASUREMENT PROCEDURE

All bands conducted average power is obtained from the base station simulator.

The following tests were conducted according to the test requirements outlined in ANSI C63.26 Section 5.2.

RESULTS

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

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8.1. 5G NR n77 (FCC Part 27 3450-3550MHz)

Test Engineer ID:	28774	Test Date:	2025-03-13

OUTPUT POWER FOR 5G NR n77 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 9			ANT 8			ANT 7			ANT 4		
				630333	633332	636333	630333	633332	636333	630333	633332	636333	630333	633332	636333
				3455.0	3500.0	3545.0	3455.0	3500.0	3545.0	3455.0	3500.0	3545.0	3455.0	3500.0	3545.0
10.0	BPSK	1	0	24.70	24.70	24.66	24.70	24.69	24.58	23.00	23.00	22.97	21.88	21.91	21.99
		1	1	28.03	28.09	27.96	27.94	28.00	27.94	26.29	26.42	26.32	25.21	25.30	25.26
		1	22	27.97	27.86	28.06	27.99	27.92	28.03	26.37	26.39	26.34	25.30	25.27	25.30
		1	23	24.62	24.60	24.70	24.48	24.70	24.70	23.00	22.92	23.00	22.00	22.00	22.00
		12	6	**28.70**	**28.70**	**28.70**	**28.70**	**28.70**	**28.70**	**27.00**	**27.00**	**27.00**	**26.00**	**26.00**	**26.00**
		24	0	28.20	28.20	28.20	28.20	28.20	28.20	26.50	26.50	26.50	25.50	25.50	25.50
	QPSK	1	0	24.68	24.61	24.65	24.69	24.69	24.63	22.94	22.67	22.87	21.93	21.91	21.93
		1	1	28.15	28.10	28.20	28.12	28.13	27.96	26.38	26.12	26.26	25.37	25.46	25.43
		1	22	28.13	28.20	28.17	28.10	28.13	28.08	26.38	26.02	26.14	25.45	25.44	25.48
		1	23	24.63	24.69	24.60	24.70	24.70	24.64	22.94	22.66	22.81	21.90	21.93	21.99
		12	6	**28.62**	28.44	28.51	28.68	**28.70**	28.55	**27.00**	26.57	26.76	25.92	25.87	**26.00**
		24	0	27.70	27.65	27.63	27.64	27.64	27.69	25.98	25.69	25.87	24.91	24.91	24.95
	16QAM	1	0	24.61	24.65	24.60	24.37	24.50	24.45	22.82	22.52	22.63	21.96	21.87	21.98
		1	1	27.13	27.11	27.12	26.83	27.01	26.83	25.28	24.86	25.17	24.33	24.20	24.40
		1	22	27.18	27.20	27.15	26.97	26.92	26.94	25.22	24.84	25.10	24.34	24.25	24.42
		1	23	24.61	24.64	24.68	24.65	24.51	24.38	22.77	22.51	22.58	21.90	21.92	21.91
		12	6	27.61	**27.69**	27.60	**27.68**	27.66	27.59	**25.94**	25.67	25.78	24.93	**24.94**	24.91
		24	0	26.67	26.70	26.61	26.69	26.61	26.63	24.95	24.64	24.85	23.92	24.00	23.99
	64QAM	1	0	24.60	24.60	24.65	24.69	24.61	24.37	22.92	22.65	22.78	21.99	22.00	21.91
		1	1	25.63	25.69	25.65	25.70	25.57	25.55	23.84	23.67	23.79	22.91	22.98	22.95
		1	22	25.68	25.61	25.62	25.66	25.50	25.54	23.89	23.65	23.67	22.97	22.93	22.95
		1	23	24.66	24.66	24.68	24.63	24.64	24.42	22.97	22.68	22.89	21.91	21.95	21.99
		12	6	26.12	**26.19**	26.10	**26.20**	26.07	26.04	**24.49**	24.21	24.33	23.43	**23.49**	23.43
		24	0	26.16	26.13	26.11	26.17	26.14	26.14	24.43	24.35	24.38	23.40	23.46	23.45
	256QAM	1	0	23.60	23.68	23.60	23.68	23.66	23.62	21.97	21.85	21.84	20.91	20.92	20.96
		1	1	23.70	23.60	23.69	23.70	23.66	23.64	21.90	21.85	21.83	20.93	20.98	20.97
		1	22	23.61	23.61	23.61	23.65	23.64	23.62	21.98	21.92	21.93	20.97	20.96	20.91
		1	23	23.62	23.63	23.62	23.65	23.70	23.70	21.95	21.88	21.92	20.93	20.94	21.00
		12	6	**24.18**	24.12	24.15	24.14	24.13	**24.19**	22.42	22.28	22.37	**21.50**	**21.50**	21.44
		24	0	24.10	24.11	24.15	24.11	24.16	24.11	**22.48**	22.36	22.44	21.42	21.40	21.49

OUTPUT POWER FOR 5G NR n77 (15.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 9			ANT 8			ANT 7			ANT 4		
				630500	633332	636166	630500	633332	636166	630500	633332	636166	630500	633332	636166
				3457.5	3500.0	3542.5	3457.5	3500.0	3542.5	3457.5	3500.0	3542.5	3457.5	3500.0	3542.5
15.0	BPSK	1	0	24.60	24.70	24.67	24.70	24.70	24.70	22.95	23.00	23.00	21.69	22.00	22.00
		1	1	28.11	28.20	28.12	27.99	27.85	28.09	26.41	26.49	26.50	25.22	25.35	25.31
		1	36	28.14	27.95	28.11	28.02	28.20	28.17	26.43	26.35	26.29	25.38	25.39	25.28
		1	37	24.70	24.61	24.70	24.67	24.55	24.70	23.00	22.94	22.84	22.00	21.97	21.98
		18	9	**28.70**	**28.70**	**28.70**	**28.70**	**28.70**	**28.70**	**27.00**	**27.00**	**27.00**	**26.00**	**26.00**	**26.00**
		36	0	28.20	28.06	28.20	28.20	28.06	28.20	26.50	26.50	26.48	25.50	25.50	25.50
	QPSK	1	0	24.60	24.69	24.64	24.65	24.60	24.62	22.91	22.92	22.96	21.95	21.97	21.98
		1	1	28.15	28.15	28.11	28.11	28.16	28.18	26.48	26.29	26.45	25.29	25.31	25.44
		1	36	28.20	28.19	28.16	28.11	28.10	28.20	26.49	26.15	26.27	25.42	25.37	25.40
		1	37	24.69	24.70	24.66	24.62	24.69	24.65	22.97	22.80	22.87	21.91	21.90	21.93
		18	9	**28.69**	28.49	28.62	28.55	**28.70**	28.68	**27.00**	26.72	26.78	25.85	25.74	**26.00**
		36	0	27.65	27.69	27.64	27.69	27.64	27.64	25.94	25.77	25.92	24.96	24.96	24.90
	16QAM	1	0	24.66	24.66	24.69	24.69	24.70	24.62	22.74	22.62	22.76	21.77	21.86	21.92
		1	1	27.10	27.15	27.16	27.16	27.17	27.11	25.33	25.19	25.20	24.17	24.25	24.33
		1	36	27.11	27.18	27.19	27.12	27.14	27.15	25.28	25.14	25.07	24.40	24.18	24.37
		1	37	24.60	24.69	24.65	24.65	24.66	24.61	22.78	22.74	22.70	21.92	21.87	21.99
		18	9	**27.70**	27.60	27.61	**27.70**	27.63	27.65	**25.91**	25.87	25.85	24.95	**24.98**	24.96
		36	0	26.63	26.62	26.60	26.70	26.61	26.70	25.00	24.91	24.90	23.97	23.95	24.00
	64QAM	1	0	24.64	24.63	24.68	24.68	24.67	24.67	22.95	22.84	22.86	21.93	21.91	21.97
		1	1	25.61	25.60	25.65	25.62	25.69	25.66	23.90	23.79	23.98	22.95	22.93	23.00
		1	36	25.68	25.60	25.65	25.65	25.66	25.68	23.92	23.92	23.83	22.99	22.82	22.99
		1	37	24.69	24.66	24.62	24.64	24.61	24.63	22.93	22.99	22.97	22.00	21.99	21.93
		18	9	26.16	26.12	26.18	26.18	26.18	**26.20**	24.48	24.32	24.34	**23.48**	23.46	23.46
		36	0	26.18	**26.20**	26.19	26.14	26.19	26.19	24.41	24.45	**24.49**	23.45	23.43	23.40
	256QAM	1	0	23.63	23.68	23.61	23.69	23.69	23.64	21.98	21.87	21.91	21.00	20.99	20.93
		1	1	23.70	23.66	23.67	23.61	23.65	23.61	21.98	21.91	21.99	20.95	20.99	20.91
		1	36	23.60	23.65	23.70	23.64	23.64	23.68	21.96	21.99	21.98	20.91	20.95	20.96
		1	37	23.66	23.68	23.69	23.62	23.61	23.61	21.90	21.96	21.95	20.91	20.98	20.92
		18	9	**24.20**	24.12	24.19	24.16	**24.20**	24.10	22.45	22.45	**22.49**	21.43	21.45	21.45
		36	0	24.18	24.16	24.10	24.11	24.14	24.13	22.41	22.46	22.46	21.42	**21.46**	**21.46**

OUTPUT POWER FOR 5G NR n77 (20.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 9			ANT 8			ANT 7			ANT 4		
				630666	633332	635998	630666	633332	635998	630666	633332	635998	630666	633332	635998
				3460.0	3500.0	3540.0	3460.0	3500.0	3540.0	3460.0	3500.0	3540.0	3460.0	3500.0	3540.0
20.0	BPSK	1	0	24.63	24.70	24.63	24.59	24.70	24.70	23.00	23.00	23.00	22.00	21.96	22.00
		1	1	28.11	28.20	28.16	27.96	27.98	28.02	26.29	26.50	26.40	25.48	25.37	25.40
		1	49	28.20	28.08	28.07	27.98	28.04	28.03	26.50	26.24	26.30	25.45	25.44	25.38
		1	50	24.70	24.56	24.70	24.70	24.64	24.70	22.85	22.99	23.00	21.99	22.00	21.90
		25	12	**28.70**	**28.70**	**28.70**	**28.70**	**28.70**	**28.70**	**27.00**	**27.00**	**27.00**	**26.00**	**26.00**	**26.00**
		50	0	28.16	28.14	28.20	28.20	28.20	28.20	26.42	26.25	26.50	25.50	25.50	25.50
	QPSK	1	0	24.63	24.67	24.61	24.61	24.61	24.69	22.95	22.92	22.92	21.91	21.99	21.91
		1	1	28.12	28.15	28.15	28.19	28.12	28.11	26.47	26.37	26.37	25.37	25.32	25.44
		1	49	28.17	28.14	28.16	28.12	28.19	28.11	26.47	26.25	26.35	25.48	25.43	25.49
		1	50	24.63	24.67	24.62	24.68	24.61	24.61	22.96	22.95	22.97	21.98	21.99	21.93
		25	12	**28.61**	28.48	28.55	28.56	**28.70**	**28.70**	**27.00**	26.80	26.85	25.92	25.86	**26.00**
		50	0	27.66	27.62	27.68	27.65	27.68	27.65	25.99	25.88	25.98	24.93	24.93	24.95
	16QAM	1	0	24.62	24.60	24.60	24.66	24.67	24.66	22.96	22.88	22.86	21.97	21.82	21.82
		1	1	27.11	27.20	27.19	27.15	27.13	27.13	25.35	25.28	25.29	24.21	24.27	24.29
		1	49	27.20	27.12	27.10	27.18	27.19	27.11	25.41	25.21	25.10	24.28	24.30	24.33
		1	50	24.64	24.66	24.67	24.67	24.61	24.64	22.77	22.56	22.81	21.87	21.82	21.96
		25	12	27.62	**27.65**	27.62	27.63	**27.70**	27.65	**25.95**	25.80	**25.95**	24.93	24.91	**24.99**
		50	0	26.66	26.61	26.62	26.65	26.60	26.65	24.90	24.93	24.91	23.98	23.91	23.93
	64QAM	1	0	24.63	24.61	24.67	24.60	24.65	24.66	22.96	22.93	22.92	21.90	22.00	21.85
		1	1	25.68	25.63	25.60	25.64	25.70	25.65	23.96	23.78	23.98	22.80	23.00	22.97
		1	49	25.65	25.67	25.70	25.62	25.67	25.69	23.94	23.75	23.93	22.99	22.85	22.93
		1	50	24.65	24.70	24.63	24.70	24.68	24.70	22.91	22.87	22.98	21.97	21.95	21.98
		25	12	**26.20**	**26.20**	**26.20**	**26.19**	26.17	26.10	24.45	24.31	24.46	**23.49**	23.46	23.43
		50	0	26.14	26.18	26.17	26.12	26.13	26.10	24.42	24.32	**24.48**	23.43	**23.49**	23.46
	256QAM	1	0	23.69	23.65	23.60	23.67	23.70	23.63	21.95	21.98	22.00	21.00	20.94	20.91
		1	1	23.63	23.65	23.64	23.60	23.65	23.65	22.00	21.93	21.98	20.91	20.94	20.96
		1	49	23.69	23.61	23.64	23.65	23.66	23.70	21.99	21.93	21.91	20.92	20.95	20.96
		1	50	23.68	23.65	23.64	23.60	23.62	23.62	21.93	21.95	21.91	20.94	21.00	20.92
		25	12	24.10	24.18	**24.20**	24.11	24.11	24.10	22.41	22.43	22.41	21.45	21.43	21.42
		50	0	24.11	24.11	**24.20**	24.11	**24.18**	24.15	**22.47**	22.46	22.46	21.45	**21.50**	21.42

OUTPUT POWER FOR 5G NR n77 (25.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 9			ANT 8			ANT 7			ANT 4		
				630834	633332	635832	630834	633332	635832	630834	633332	635832	630834	633332	635832
				3462.5	3500.0	3537.5	3462.5	3500.0	3537.5	3462.5	3500.0	3537.5	3462.5	3500.0	3537.5
25.0	BPSK	1	0	24.54	24.66	24.70	24.70	24.64	24.65	23.00	23.00	22.99	21.99	21.94	21.95
		1	1	27.89	27.86	27.71	27.89	28.00	28.10	26.32	26.45	26.42	25.31	25.26	25.18
		1	63	28.10	28.00	27.93	28.17	27.95	27.89	26.18	26.17	26.27	25.30	25.32	25.17
		1	64	24.70	24.70	24.68	24.53	24.70	24.70	22.92	22.91	23.00	22.00	22.00	22.00
		32	16	**28.70**	**28.70**	**28.70**	**28.70**	**28.70**	**28.70**	**27.00**	**27.00**	**27.00**	**26.00**	**26.00**	**26.00**
		64	0	28.20	28.20	28.20	28.20	28.20	28.20	26.50	26.50	26.50	25.50	25.50	25.50
	QPSK	1	0	24.70	24.66	24.65	24.70	24.60	24.70	22.99	22.91	22.86	21.94	21.97	21.95
		1	1	28.10	28.15	28.19	28.17	28.16	27.97	26.42	26.23	26.30	25.37	25.40	25.29
		1	63	28.20	28.12	28.13	28.12	28.04	28.04	26.37	26.25	26.40	25.43	25.43	25.36
		1	64	24.69	24.70	24.62	24.65	24.67	24.66	22.94	22.81	22.94	21.99	21.95	21.92
		32	16	**28.70**	**28.70**	28.68	28.45	**28.70**	**28.70**	**27.00**	26.76	26.93	**26.00**	25.98	25.95
		64	0	27.62	27.70	27.62	27.66	27.68	27.60	25.95	25.94	25.99	25.00	25.00	24.93
	16QAM	1	0	24.63	24.68	24.68	24.63	24.67	24.66	22.90	22.78	22.83	21.76	21.85	21.84
		1	1	27.17	27.15	27.18	27.19	27.14	27.13	25.39	25.28	25.17	24.03	24.35	24.48
		1	63	27.13	27.16	27.15	27.19	27.14	27.16	25.16	25.47	25.26	24.28	24.32	24.34
		1	64	24.63	24.60	24.69	24.66	24.63	24.60	22.91	22.64	22.63	21.85	21.80	21.76
		32	16	27.65	27.64	**27.70**	**27.63**	**27.63**	27.60	25.98	25.87	**26.00**	24.96	24.96	**25.00**
		64	0	26.63	26.66	26.68	26.70	26.70	26.61	24.91	24.98	24.96	23.92	23.98	23.91
	64QAM	1	0	24.65	24.61	24.61	24.69	24.67	24.66	22.93	22.89	23.00	21.82	21.97	21.89
		1	1	25.63	25.60	25.61	25.63	25.68	25.70	23.97	23.69	23.92	22.97	22.86	22.81
		1	63	25.64	25.64	25.65	25.62	25.61	25.65	23.88	23.98	23.86	22.78	22.91	23.00
		1	64	24.70	24.68	24.66	24.67	24.67	24.69	22.97	22.72	22.91	21.87	21.91	21.97
		32	16	26.10	26.11	26.14	**26.19**	26.18	**26.19**	24.45	24.49	**24.50**	23.40	23.47	**23.50**
		64	0	26.11	26.15	**26.20**	26.16	26.14	26.18	24.47	24.43	24.40	23.47	23.40	23.43
	256QAM	1	0	23.65	23.61	23.69	23.66	23.70	23.67	21.97	21.91	21.99	20.98	20.95	20.90
		1	1	23.62	23.62	23.70	23.60	23.62	23.64	21.99	22.00	22.00	20.99	20.95	20.94
		1	63	23.68	23.66	23.63	23.62	23.67	23.69	21.90	21.76	21.95	20.94	20.92	20.87
		1	64	23.63	23.69	23.62	23.60	23.66	23.65	21.96	21.91	21.95	20.94	21.00	20.93
		32	16	24.13	24.12	24.12	24.14	24.17	24.16	**22.50**	22.40	22.42	21.42	21.43	**21.50**
		64	0	**24.19**	24.11	24.15	24.14	**24.20**	24.14	22.48	22.42	22.42	21.42	21.41	21.49

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OUTPUT POWER FOR 5G NR n77 (30.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 9			ANT 8			ANT 7			ANT 4		
				631000	633332	635666	631000	633332	635666	631000	633332	635666	631000	633332	635666
				3465.0	3500.0	3535.0	3465.0	3500.0	3535.0	3465.0	3500.0	3535.0	3465.0	3500.0	3535.0
30.0	BPSK	1	0	24.51	24.65	24.49	24.70	24.70	24.70	23.00	22.97	22.77	21.99	21.87	22.00
		1	1	28.14	28.12	27.90	28.20	28.20	28.00	26.50	26.50	26.26	25.02	25.43	25.33
		1	76	28.14	28.10	28.20	28.01	27.88	28.05	26.18	26.27	26.35	25.08	25.46	25.40
		1	77	24.70	24.70	24.70	24.64	24.67	24.70	22.81	23.00	23.00	22.00	22.00	21.93
		36	18	**28.70**	28.50	**28.70**	**28.70**	**28.70**	**28.70**	**27.00**	**27.00**	**27.00**	**26.00**	**26.00**	**26.00**
		75	0	28.20	28.20	28.18	28.08	28.05	28.20	26.36	26.47	26.50	25.50	25.50	25.50
	QPSK	1	0	24.57	24.53	24.58	24.53	24.59	24.58	22.84	22.82	22.97	21.86	21.98	21.87
		1	1	28.09	28.10	28.03	28.04	28.01	28.06	26.32	26.46	26.23	25.40	25.25	25.42
		1	76	28.01	28.07	28.02	28.08	28.02	28.05	26.47	26.29	26.44	25.35	25.33	25.49
		1	77	24.56	24.56	24.55	24.60	24.56	24.58	22.83	22.94	22.83	21.86	21.99	21.84
		36	18	28.52	28.35	**28.53**	28.65	**28.70**	28.68	**27.00**	26.85	26.89	25.89	25.75	**26.00**
		75	0	27.55	27.60	27.51	27.52	27.58	27.55	25.83	25.93	25.99	24.86	24.93	24.82
	16QAM	1	0	24.56	24.51	24.58	24.57	24.59	24.58	22.86	22.81	22.87	21.95	21.75	21.95
		1	1	27.01	27.06	27.09	27.05	27.03	27.09	25.30	25.22	25.35	24.45	24.19	24.32
		1	76	27.04	27.07	27.01	27.10	27.05	27.08	25.44	25.13	25.26	24.28	24.18	24.33
		1	77	24.59	24.54	24.60	24.59	24.51	24.60	22.71	22.81	22.78	21.76	21.86	21.83
		36	18	27.54	**27.54**	27.51	**27.53**	27.50	27.52	25.84	25.88	**26.00**	**25.00**	24.90	24.86
		75	0	26.59	26.55	26.59	26.59	26.54	26.57	24.88	24.96	24.88	23.87	23.98	23.81
	64QAM	1	0	24.56	24.53	24.53	24.52	24.55	24.51	22.98	22.88	22.89	21.97	21.97	21.81
		1	1	25.60	25.57	25.50	25.57	25.54	25.59	23.88	23.88	23.88	22.81	22.95	22.96
		1	76	25.50	25.58	25.52	25.59	25.59	25.57	23.82	23.84	23.95	22.87	22.85	22.85
		1	77	24.54	24.54	24.59	24.59	24.54	24.54	22.96	22.67	22.85	21.92	21.84	21.74
		36	18	26.05	26.07	**26.08**	26.07	26.04	**26.10**	24.39	24.42	24.34	23.32	23.37	23.37
		75	0	26.05	26.04	26.02	26.07	26.01	26.02	24.39	**24.47**	24.36	23.37	**23.38**	23.31
	256QAM	1	0	23.50	23.50	23.57	23.52	23.60	23.59	21.83	21.88	21.90	20.88	20.81	20.88
		1	1	23.58	23.54	23.60	23.50	23.52	23.55	21.81	21.87	21.84	20.84	20.81	20.82
		1	76	23.56	23.51	23.53	23.52	23.51	23.55	21.89	21.85	21.87	20.85	20.89	20.80
		1	77	23.50	23.54	23.53	23.58	23.51	23.53	21.86	21.87	21.87	20.86	20.81	20.88
		36	18	24.01	24.05	**24.08**	24.01	24.01	24.09	22.38	**22.50**	22.38	21.35	21.34	**21.38**
		75	0	24.00	24.03	24.03	**24.10**	24.03	24.08	22.32	**22.50**	22.39	21.38	21.30	21.36

OUTPUT POWER FOR 5G NR n77 (40.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 9			ANT 8			ANT 7			ANT 4		
				631332	633332	635332	631332	633332	635332	631332	633332	635332	631332	633332	635332
				3470.0	3500.0	3530.0	3470.0	3500.0	3530.0	3470.0	3500.0	3530.0	3470.0	3500.0	3530.0
40.0	BPSK	1	0	24.65	24.70	24.32	24.70	24.70	24.62	23.00	23.00	22.72	22.00	21.70	22.00
		1	1	28.16	28.10	27.86	28.16	28.20	28.05	26.50	26.25	26.16	25.50	25.44	25.41
		1	104	28.20	28.06	28.20	27.98	28.14	28.11	26.34	26.50	26.40	25.48	25.50	25.32
		1	105	24.70	24.68	24.70	24.44	24.44	24.70	22.89	22.96	23.00	21.94	22.00	21.95
		50	25	**28.70**	**28.70**	**28.70**	**28.70**	**28.70**	**28.70**	**27.00**	**27.00**	**27.00**	**26.00**	**26.00**	**26.00**
		100	0	28.19	28.20	28.08	28.20	28.20	28.20	26.45	26.24	26.50	25.50	25.50	25.50
	QPSK	1	0	24.70	24.62	24.61	24.68	24.66	24.65	22.99	22.90	23.00	21.94	21.98	21.92
		1	1	28.15	28.17	28.13	28.10	28.18	28.10	26.48	26.46	26.37	25.40	25.38	25.49
		1	104	28.12	28.12	28.13	28.16	28.16	28.12	26.45	26.29	26.47	25.48	25.48	25.40
		1	105	24.66	24.70	24.61	24.60	24.63	24.60	23.00	22.94	22.99	21.98	21.91	21.92
		50	25	28.62	**28.70**	28.66	28.64	**28.70**	28.67	**27.00**	26.86	26.93	25.87	25.94	**26.00**
		100	0	27.63	27.64	27.67	27.70	27.62	27.63	25.96	25.99	25.96	24.95	24.98	24.91
	16QAM	1	0	24.65	24.63	24.61	24.63	24.67	24.70	22.94	22.99	22.86	21.84	21.92	21.86
		1	1	27.11	27.16	27.14	27.17	27.20	27.17	25.48	25.43	25.24	24.30	24.33	24.39
		1	104	27.17	27.19	27.15	27.16	27.12	27.13	25.23	25.11	25.15	24.22	24.28	24.48
		1	105	24.61	24.70	24.68	24.69	24.70	24.65	22.72	22.91	22.97	21.87	21.93	21.95
		50	25	27.61	27.64	**27.70**	**27.64**	27.63	27.60	**26.00**	25.95	25.91	24.94	**25.00**	24.96
		100	0	26.65	26.67	26.70	26.60	26.64	26.62	24.96	24.90	24.97	23.94	23.99	23.94
	64QAM	1	0	24.68	24.61	24.61	24.65	24.62	24.63	22.93	22.90	22.87	21.98	21.99	21.99
		1	1	25.67	25.66	25.66	25.70	25.61	25.61	23.91	23.95	23.80	22.99	22.86	22.93
		1	104	25.65	25.65	25.64	25.66	25.62	25.69	23.99	23.81	24.00	22.94	22.91	23.00
		1	105	24.65	24.69	24.69	24.70	24.64	24.66	22.93	22.99	22.84	21.90	21.98	21.95
		50	25	26.10	**26.20**	26.11	26.10	26.17	26.14	24.40	24.42	24.42	**23.50**	23.45	23.47
		100	0	26.19	26.14	26.14	26.16	**26.18**	26.11	24.45	24.40	**24.48**	23.43	23.43	23.47
	256QAM	1	0	23.66	23.70	23.62	23.64	23.70	23.60	21.91	21.97	21.97	20.91	20.95	20.98
		1	1	23.62	23.70	23.65	23.69	23.62	23.63	21.96	21.97	22.00	20.91	20.99	20.98
		1	104	23.64	23.62	23.60	23.66	23.63	23.60	21.95	21.96	21.96	20.94	20.99	20.90
		1	105	23.64	23.66	23.67	23.66	23.70	23.60	21.90	21.91	21.94	20.97	20.98	20.90
		50	25	24.14	24.10	24.10	24.11	24.10	24.14	22.40	22.45	22.46	21.40	21.44	21.44
		100	0	24.13	**24.18**	24.17	**24.20**	24.16	24.14	**22.50**	22.41	22.46	21.43	**21.46**	21.43

OUTPUT POWER FOR 5G NR n77 (50.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 9			ANT 8			ANT 7			ANT 4		
				631666	633332	634998	631666	633332	634998	631666	633332	634998	631666	633332	634998
				3475.0	3500.0	3525.0	3475.0	3500.0	3525.0	3475.0	3500.0	3525.0	3475.0	3500.0	3525.0
50.0	BPSK	1	0	24.70	24.50	24.25	24.70	24.70	24.70	23.00	22.99	22.80	21.71	21.89	21.94
		1	1	27.85	28.09	27.57	27.92	28.14	28.02	26.47	26.24	26.48	25.23	25.26	25.18
		1	131	27.80	28.07	28.20	27.82	28.20	27.97	26.04	26.17	26.36	25.25	25.27	25.27
		1	132	24.61	24.70	24.70	24.31	24.55	24.61	22.83	23.00	23.00	22.00	22.00	22.00
		64	32	**28.70**	**28.70**	**28.70**	**28.70**	**28.70**	**28.70**	**27.00**	**27.00**	**27.00**	**26.00**	**26.00**	**26.00**
		128	0	28.20	28.20	28.10	28.20	28.19	28.20	26.50	26.50	26.50	25.50	25.50	25.50
	QPSK	1	0	24.63	24.60	24.62	24.63	24.70	24.70	22.94	22.66	22.63	21.94	21.96	21.94
		1	1	28.14	28.14	28.06	28.12	28.19	28.12	26.30	26.14	25.92	25.31	25.23	25.14
		1	131	28.08	28.12	28.15	28.10	28.15	27.92	26.14	26.01	26.15	25.24	25.30	25.26
		1	132	24.69	24.64	24.63	24.67	24.68	24.68	22.70	22.54	22.70	21.94	21.96	21.96
		64	32	28.65	**28.70**	28.68	28.54	**28.70**	28.66	**27.00**	26.66	26.65	25.99	**26.00**	25.86
		128	0	27.69	27.69	27.63	27.62	27.61	27.65	25.91	25.84	25.84	24.90	24.93	25.00
	16QAM	1	0	24.65	24.61	24.65	24.67	24.68	24.64	22.65	22.37	22.45	21.90	21.83	21.82
		1	1	27.11	27.19	27.19	27.17	27.20	27.12	25.14	25.03	24.81	24.10	24.33	23.86
		1	131	27.16	27.14	27.17	27.13	27.17	27.15	24.91	24.86	24.68	24.15	24.31	24.09
		1	132	24.64	24.60	24.60	24.60	24.63	24.70	22.43	22.41	22.45	21.75	21.83	21.86
		64	32	27.64	**27.65**	27.61	**27.68**	27.64	27.62	**25.97**	25.91	25.74	**24.98**	24.97	24.95
		128	0	26.70	26.64	26.64	26.67	26.69	26.69	24.96	24.85	24.86	23.91	24.00	23.96
	64QAM	1	0	24.69	24.62	24.65	24.67	24.62	24.61	22.49	22.85	22.28	21.86	21.97	21.92
		1	1	25.63	25.61	25.69	25.64	25.63	25.62	23.71	23.52	23.37	22.77	22.87	22.89
		1	131	25.60	25.67	25.68	25.69	25.63	25.68	23.34	23.37	23.40	22.92	22.84	23.00
		1	132	24.62	24.63	24.70	24.67	24.60	24.69	22.35	22.73	22.50	21.67	21.85	21.99
		64	32	26.12	26.10	**26.20**	**26.20**	26.13	26.14	24.35	**24.37**	**24.37**	23.45	23.40	**23.50**
		128	0	26.17	26.18	26.15	26.16	**26.20**	26.14	24.32	24.35	24.16	23.40	23.45	23.40
	256QAM	1	0	23.67	23.70	23.60	23.64	23.66	23.70	21.92	21.93	21.70	20.94	20.97	20.96
		1	1	23.67	23.67	23.68	23.70	23.64	23.65	21.90	21.87	21.64	20.97	20.95	20.89
		1	131	23.70	23.60	23.62	23.69	23.70	23.63	21.44	21.84	21.87	21.00	20.97	20.91
		1	132	23.61	23.63	23.67	23.64	23.60	23.62	21.76	21.67	21.83	20.91	20.92	20.92
		64	32	24.11	24.11	**24.17**	**24.20**	24.15	24.13	**22.50**	22.36	22.33	21.44	**21.50**	21.47
		128	0	24.16	24.15	24.15	24.14	24.11	24.14	22.38	22.46	22.41	21.42	21.40	**21.50**

OUTPUT POWER FOR 5G NR n77 (60.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 9			ANT 8			ANT 7			ANT 4		
				632000	633332	634666	632000	633332	634666	632000	633332	634666	632000	633332	634666
				3480.0	3500.0	3520.0	3480.0	3500.0	3520.0	3480.0	3500.0	3520.0	3480.0	3500.0	3520.0
60.0	BPSK	1	0	24.59	24.57	24.14	24.70	24.70	24.70	23.00	23.00	22.99	22.00	21.93	21.86
		1	1	27.99	28.12	27.82	28.19	28.15	28.20	26.44	26.40	26.41	25.40	25.35	25.40
		1	160	27.90	28.11	28.20	27.89	28.01	27.87	26.47	26.49	26.50	25.50	25.50	25.47
		1	161	24.70	24.70	24.70	24.62	24.43	24.64	22.84	22.82	23.00	21.99	22.00	22.00
		81	40	**28.70**	**28.70**	**28.70**	**28.70**	**28.70**	**28.70**	**27.00**	**27.00**	**27.00**	**26.00**	25.94	25.92
		162	0	28.20	28.20	28.15	28.20	28.20	28.09	26.50	26.50	26.42	25.46	25.48	25.50
	QPSK	1	0	24.68	24.64	24.67	24.60	24.67	24.67	22.98	22.98	22.95	22.00	21.90	21.90
		1	1	28.13	28.06	28.20	28.17	28.13	28.15	26.45	26.45	26.47	25.46	25.41	25.47
		1	160	28.14	28.13	28.19	28.19	28.18	28.18	26.48	26.50	26.49	25.49	25.50	25.50
		1	161	24.70	24.62	24.70	24.66	24.67	24.69	22.97	22.98	22.96	21.90	21.93	21.95
		81	40	28.60	**28.70**	28.67	**28.67**	28.61	28.49	**27.00**	**27.00**	26.92	**26.00**	25.94	25.92
		162	0	27.60	27.70	27.64	27.62	27.70	27.67	25.90	25.95	25.97	24.90	24.96	24.99
	16QAM	1	0	24.63	24.61	24.69	24.61	24.70	24.68	22.95	22.91	22.92	21.95	21.95	21.93
		1	1	27.11	27.15	27.14	27.18	27.20	27.14	25.40	25.49	25.43	24.42	24.31	24.28
		1	160	27.12	27.13	27.15	27.17	27.16	27.12	25.50	25.21	25.43	24.42	24.43	24.42
		1	161	24.70	24.60	24.69	24.62	24.70	24.65	22.99	22.78	22.94	21.91	21.90	21.93
		81	40	**27.67**	**27.67**	27.63	27.68	27.67	**27.70**	25.93	25.91	**25.96**	24.96	24.94	**25.00**
		162	0	26.63	26.60	26.65	26.61	26.61	26.62	24.99	25.00	24.99	23.99	23.93	23.96
	64QAM	1	0	24.63	24.68	24.65	24.68	24.65	24.70	22.96	22.90	22.91	21.96	21.93	21.96
		1	1	25.62	25.68	25.62	25.67	25.62	25.60	23.94	23.92	23.96	22.91	22.96	22.90
		1	160	25.70	25.65	25.68	25.69	25.61	25.65	23.94	23.99	23.90	22.94	22.95	22.96
		1	161	24.67	24.66	24.66	24.61	24.61	24.63	22.94	22.94	22.95	21.95	21.98	21.95
		81	40	**26.20**	**26.20**	26.17	26.10	26.18	26.15	**24.50**	24.48	24.49	23.40	**23.47**	23.43
		162	0	26.11	26.10	26.19	**26.20**	26.14	26.17	24.47	24.41	24.48	23.41	23.46	23.40
	256QAM	1	0	23.69	23.67	23.60	23.63	23.66	23.67	21.93	21.99	21.94	20.96	20.92	20.92
		1	1	23.61	23.63	23.70	23.67	23.62	23.69	21.98	21.94	21.92	20.97	20.93	20.91
		1	160	23.65	23.68	23.66	23.65	23.67	23.61	22.00	21.92	21.93	20.95	21.00	21.00
		1	161	23.70	23.60	23.63	23.66	23.64	23.68	21.98	22.00	21.95	20.95	20.98	20.97
		81	40	24.17	24.15	**24.20**	24.12	24.18	24.11	**22.50**	22.46	**22.50**	21.45	21.45	21.40
		162	0	24.11	24.17	24.16	**24.19**	24.10	24.15	**22.50**	22.48	22.45	21.41	21.40	**21.50**

OUTPUT POWER FOR 5G NR n77 (70.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 9			ANT 8			ANT 7			ANT 4		
				632333	633332	634333	632333	633332	634333	632333	633332	634333	632333	633332	634333
				3485.0	3500.0	3515.0	3485.0	3500.0	3515.0	3485.0	3500.0	3515.0	3485.0	3500.0	3515.0
70.0	BPSK	1	0	24.70	24.52	24.57	24.70	24.70	24.70	23.00	22.87	23.00	21.81	21.89	21.92
		1	1	27.87	28.09	28.00	27.97	28.01	27.95	26.38	26.14	26.39	25.21	25.46	25.29
		1	187	27.70	28.03	28.18	27.82	27.66	27.89	26.40	26.50	26.46	25.39	25.41	25.44
		1	188	24.67	24.70	24.70	24.35	24.50	24.59	22.77	23.00	22.93	22.00	22.00	22.00
		90	45	28.26	**28.70**	**28.70**	**28.70**	**28.70**	**28.70**	**27.00**	**27.00**	**27.00**	25.92	**26.00**	**26.00**
		180	0	28.20	28.20	28.20	28.20	28.20	28.20	26.50	26.26	26.50	25.50	25.50	25.50
	QPSK	1	0	24.64	24.70	24.65	24.64	24.62	24.67	23.00	22.97	22.91	21.97	21.92	21.96
		1	1	28.04	28.10	28.17	28.20	28.10	28.11	26.48	26.40	26.41	25.47	25.48	25.41
		1	187	27.92	28.16	28.13	28.11	28.13	28.15	26.44	26.42	26.43	25.45	25.47	25.46
		1	188	24.63	24.61	24.66	24.69	24.70	24.68	22.98	22.93	22.92	21.96	21.95	21.98
		90	45	28.02	**28.47**	28.36	28.53	**28.70**	28.49	**27.00**	26.94	26.93	25.97	**26.00**	**26.00**
		180	0	27.66	27.65	27.61	27.63	27.62	27.66	25.96	25.91	25.90	24.91	24.95	24.93
	16QAM	1	0	24.66	24.64	24.60	24.67	24.70	24.62	22.75	22.91	22.74	21.98	21.99	21.93
		1	1	27.15	27.14	27.18	27.13	27.10	27.16	25.42	25.26	25.25	24.36	24.36	24.31
		1	187	27.10	27.18	27.14	27.20	27.20	27.10	25.42	25.49	25.44	24.45	24.45	24.50
		1	188	24.66	24.60	24.65	24.69	24.64	24.67	22.90	22.84	23.00	21.94	21.85	22.00
		90	45	27.68	27.64	**27.69**	**27.70**	27.67	27.69	25.90	**26.00**	25.98	**25.00**	24.97	24.93
		180	0	26.65	26.68	26.66	26.68	26.67	26.60	24.92	24.97	24.94	23.98	23.94	23.95
	64QAM	1	0	24.64	24.64	24.67	24.60	24.65	24.64	22.92	22.90	22.73	21.93	21.92	21.99
		1	1	25.65	25.67	25.64	25.61	25.67	25.67	23.95	23.91	23.94	22.91	22.94	22.94
		1	187	25.67	25.67	25.70	25.62	25.60	25.64	23.96	23.96	23.90	22.62	22.98	23.00
		1	188	24.64	24.70	24.62	24.65	24.70	24.64	22.90	22.91	22.98	21.94	21.94	21.97
		90	45	26.18	26.19	26.11	26.14	26.18	**26.19**	24.41	**24.43**	**24.43**	23.47	**23.49**	23.41
		180	0	26.16	**26.20**	**26.20**	26.13	26.16	26.17	**24.43**	24.40	**24.43**	23.42	23.48	23.40
	256QAM	1	0	23.60	23.65	23.62	23.65	23.60	23.63	21.95	21.93	21.91	20.91	20.94	20.99
		1	1	23.68	23.65	23.70	23.65	23.61	23.70	21.98	21.93	21.97	20.96	20.92	20.91
		1	187	23.68	23.62	23.62	23.62	23.68	23.68	21.95	21.91	21.99	21.00	20.97	20.93
		1	188	23.60	23.69	23.66	23.65	23.62	23.66	21.94	21.94	21.93	20.95	20.96	20.99
		90	45	24.10	**24.17**	**24.17**	24.14	24.11	24.10	22.48	**22.50**	22.44	21.44	21.47	**21.50**
		180	0	24.14	24.11	24.10	24.14	**24.15**	24.14	22.46	22.45	22.48	21.49	21.42	21.48

OUTPUT POWER FOR 5G NR n77 (80.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 9			ANT 8			ANT 7			ANT 4		
				632666	633332	633998	632666	633332	633998	632666	633332	633998	632666	633332	633998
				3490.0	3500.0	3510.0	3490.0	3500.0	3510.0	3490.0	3500.0	3510.0	3490.0	3500.0	3510.0
80.0	BPSK	1	0	24.57	24.45	24.70	24.70	24.70	24.70	22.91	22.85	22.94	21.74	21.89	22.00
		1	1	28.10	28.13	28.02	28.10	27.96	28.06	26.41	26.30	26.41	25.42	25.35	25.30
		1	215	28.15	28.19	28.20	27.90	27.97	27.87	26.27	26.46	26.33	25.42	25.47	25.50
		1	216	24.70	24.70	24.59	24.60	24.61	24.68	23.00	23.00	23.00	22.00	22.00	21.94
		108	54	**28.70**	**28.70**	**28.70**	**28.70**	**28.70**	**28.70**	**27.00**	**27.00**	**27.00**	**26.00**	**26.00**	**26.00**
		216	0	28.20	28.20	28.01	28.20	28.20	28.20	26.50	26.50	26.50	25.50	25.50	25.50
	QPSK	1	0	24.69	24.61	24.70	24.68	24.63	24.60	22.98	22.96	22.96	21.91	21.94	21.92
		1	1	28.18	28.13	28.20	28.19	28.19	28.20	26.44	26.35	26.44	25.45	25.47	25.44
		1	215	28.17	28.19	28.13	28.11	28.18	28.16	26.43	26.41	26.43	25.48	25.49	25.45
		1	216	24.60	24.62	24.65	24.66	24.61	24.67	22.99	22.95	23.00	21.91	21.98	21.95
		108	54	**28.70**	28.29	28.39	**28.56**	28.53	28.38	26.92	**27.00**	26.91	25.93	**26.00**	25.95
		216	0	27.66	27.61	27.69	27.63	27.70	27.69	25.95	25.90	25.94	24.92	24.96	24.90
	16QAM	1	0	24.64	24.66	24.67	24.68	24.68	24.62	22.94	22.81	22.94	21.89	21.97	21.93
		1	1	27.12	27.17	27.20	27.10	27.14	27.12	25.40	25.27	25.35	24.45	24.39	24.32
		1	215	27.12	27.13	27.10	27.11	27.14	27.19	25.46	25.40	25.48	24.42	24.43	24.40
		1	216	24.67	24.65	24.62	24.65	24.61	24.69	22.99	22.90	22.95	21.99	21.95	21.88
		108	54	**27.67**	27.63	27.62	27.60	**27.68**	27.61	25.91	**25.96**	25.92	24.97	**25.00**	24.98
		216	0	26.66	26.70	26.69	26.68	26.69	26.64	24.98	24.96	24.92	23.98	23.97	23.99
	64QAM	1	0	24.69	24.63	24.70	24.63	24.64	24.62	22.77	22.96	22.92	21.91	21.97	21.95
		1	1	25.70	25.66	25.67	25.68	25.62	25.60	23.90	23.78	23.86	22.99	22.97	22.95
		1	215	25.62	25.62	25.67	25.63	25.62	25.70	23.80	23.96	23.96	22.96	22.93	22.94
		1	216	24.64	24.70	24.63	24.60	24.68	24.70	22.92	23.00	22.99	21.99	21.95	21.94
		108	54	**26.15**	26.13	26.14	26.18	26.17	26.14	24.47	24.41	24.45	23.46	23.44	23.48
		216	0	26.10	26.11	26.14	26.17	**26.19**	26.15	**24.50**	24.41	24.46	23.47	**23.50**	23.42
	256QAM	1	0	23.65	23.63	23.66	23.67	23.62	23.61	21.90	21.96	21.94	20.95	20.94	20.91
		1	1	23.67	23.65	23.64	23.69	23.67	23.68	21.90	21.92	21.98	20.99	20.96	20.93
		1	215	23.61	23.66	23.69	23.62	23.67	23.60	22.00	21.90	21.94	20.93	21.00	20.96
		1	216	23.70	23.61	23.62	23.61	23.61	23.66	21.94	21.94	21.97	20.94	21.00	20.92
		108	54	24.14	24.11	24.15	24.13	24.14	24.15	22.43	22.46	22.44	**21.48**	21.47	**21.48**
		216	0	24.17	**24.20**	24.12	**24.17**	24.14	24.11	22.43	22.47	**22.50**	21.42	21.45	**21.48**

OUTPUT POWER FOR 5G NR n77 (90.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 9			ANT 8			ANT 7			ANT 4		
				633000	633332	633666	633000	633332	633666	633000	633332	633666	633000	633332	633666
				3495.0	3500.0	3505.0	3495.0	3500.0	3505.0	3495.0	3500.0	3505.0	3495.0	3500.0	3505.0
90.0	BPSK	1	0	24.56	24.62	24.37	24.70	24.70	24.70	22.74	22.89	22.86	22.00	22.00	21.58
		1	1	27.94	28.04	28.02	27.95	27.83	27.80	26.26	26.30	26.38	25.39	25.31	25.44
		1	243	28.20	28.20	28.20	27.68	28.08	27.85	26.43	26.34	26.50	25.39	25.39	25.45
		1	244	24.70	24.70	24.70	24.50	24.52	24.54	23.00	23.00	23.00	21.98	21.86	22.00
		120	60	**28.70**	**28.70**	**28.70**	**28.70**	**28.70**	**28.70**	**27.00**	**27.00**	**27.00**	**26.00**	**26.00**	**26.00**
		243	0	28.08	28.15	28.10	28.20	28.20	28.20	26.50	26.50	26.49	25.50	25.50	25.50
	QPSK	1	0	24.67	24.62	24.65	24.61	24.63	24.62	22.98	22.94	22.99	21.95	21.90	22.00
		1	1	28.17	28.10	28.13	28.19	28.11	28.12	26.47	26.50	26.38	25.50	25.48	25.48
		1	243	28.20	28.13	28.17	28.15	28.20	28.11	26.43	26.48	26.45	25.43	25.48	25.49
		1	244	24.66	24.66	24.68	24.70	24.64	24.65	22.96	22.96	22.95	22.00	21.91	21.92
		120	60	28.36	28.27	**28.43**	**28.58**	28.51	28.47	26.92	**27.00**	26.97	25.94	25.95	**26.00**
		243	0	27.67	27.61	27.61	27.68	27.62	27.63	25.90	25.93	25.95	24.97	24.99	24.94
	16QAM	1	0	24.62	24.61	24.61	24.70	24.69	24.63	22.83	22.99	22.96	21.89	21.93	21.95
		1	1	27.14	27.17	27.11	27.14	27.17	27.11	25.21	25.26	25.11	24.20	24.01	24.42
		1	243	27.13	27.10	27.17	27.18	27.10	27.18	25.35	25.11	25.47	24.46	24.40	24.39
		1	244	24.60	24.69	24.63	24.69	24.70	24.67	22.96	22.96	22.92	21.97	21.85	21.95
		120	60	**27.70**	27.63	27.62	**27.67**	27.66	27.64	25.91	**25.99**	25.91	24.90	24.90	**24.94**
		243	0	26.66	26.67	26.69	26.61	26.65	26.62	24.96	24.98	24.99	23.96	23.94	23.96
	64QAM	1	0	24.63	24.68	24.63	24.68	24.60	24.64	22.64	23.00	22.99	21.94	21.97	21.99
		1	1	25.68	25.61	25.67	25.61	25.69	25.69	23.90	23.79	23.95	23.00	22.87	22.99
		1	243	25.67	25.63	25.68	25.63	25.66	25.68	24.00	23.94	23.91	22.99	22.95	22.91
		1	244	24.63	24.62	24.61	24.67	24.61	24.63	22.99	22.94	22.96	21.98	21.97	21.99
		120	60	26.17	**26.20**	26.14	26.12	26.16	26.11	24.49	24.46	24.41	**23.50**	23.49	23.40
		243	0	26.12	26.10	26.17	26.11	**26.17**	26.12	24.48	24.40	**24.50**	23.40	23.41	**23.50**
	256QAM	1	0	23.66	23.68	23.63	23.70	23.67	23.68	22.00	21.97	21.92	20.94	20.95	20.94
		1	1	23.62	23.68	23.63	23.70	23.64	23.60	22.00	21.98	21.96	20.98	21.00	20.91
		1	243	23.69	23.62	23.70	23.65	23.64	23.62	21.99	21.93	21.98	20.99	20.95	20.93
		1	244	23.66	23.60	23.60	23.63	23.69	23.67	21.94	21.98	21.92	20.92	20.94	20.97
		120	60	24.14	24.13	24.16	24.18	24.19	24.14	**22.50**	22.47	22.48	21.44	21.46	**21.50**
		243	0	**24.20**	24.18	24.14	**24.20**	24.19	24.14	22.42	22.40	22.49	21.49	**21.50**	21.44

OUTPUT POWER FOR 5G NR n77 (100.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 9			ANT 8			ANT 7			ANT 4		
				N/A	633332	N/A	N/A	633332	N/A	N/A	633332	N/A	N/A	633332	N/A
				N/A	3500.0	N/A	N/A	3500.0	N/A	N/A	3500.0	N/A	N/A	3500.0	N/A
100.0	BPSK	1	0		24.70			24.70			22.82			21.94	
		1	1		28.04			27.77			26.25			25.43	
		1	271		28.20			27.47			26.30			25.30	
		1	272		24.57			24.48			23.00			22.00	
		135	67		**28.70**			**28.70**			**27.00**			**26.00**	
		270	0		27.81			28.20			26.50			25.50	
	QPSK	1	0		24.19			24.69			22.98			21.97	
		1	1		28.06			28.20			26.32			25.49	
		1	271		27.98			28.19			26.39			25.40	
		1	272		24.57			24.64			22.91			21.99	
		135	67		**28.70**			**28.47**			**27.00**			**26.00**	
		270	0		27.61			27.60			25.90			24.94	
	16QAM	1	0		24.30			24.69			22.72			21.99	
		1	1		26.89			27.10			25.30			24.41	
		1	271		26.99			27.13			25.28			24.24	
		1	272		24.39			24.61			22.95			21.83	
		135	67		**27.63**			**27.66**			**26.00**			**24.93**	
		270	0		26.65			26.67			24.94			24.00	
	64QAM	1	0		24.22			24.68			22.77			21.90	
		1	1		25.48			25.69			23.57			22.99	
		1	271		25.59			25.62			23.97			22.86	
		1	272		24.45			24.64			22.92			21.89	
		135	67		26.14			26.10			**24.49**			**23.44**	
		270	0		**26.20**			**26.14**			24.48			23.40	
	256QAM	1	0		23.65			23.63			21.71			21.00	
		1	1		23.60			23.61			21.74			20.88	
		1	271		23.69			23.69			21.97			20.97	
		1	272		23.38			23.70			21.97			20.98	
		135	67		24.14			**24.19**			22.43			**21.49**	
		270	0		**24.19**			24.15			**22.44**			21.43	

8.2. 5G NR n77 (FCC Part 27 3700-3980MHz)

Test Engineer ID:	50822	Test Date:	2025-03-17

OUTPUT POWER FOR 5G NR n77 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 9			ANT 8			ANT 7			ANT 4		
				647000	656000	665000	647000	656000	665000	647000	656000	665000	647000	656000	665000
				3705.0	3840.0	3975.0	3705.0	3840.0	3975.0	3705.0	3840.0	3975.0	3705.0	3840.0	3975.0
10.0	BPSK	1	0	24.69	24.70	24.70	24.48	24.70	24.70	22.20	23.00	22.94	22.00	22.00	21.96
		1	1	27.95	27.88	27.79	28.06	28.04	27.97	26.23	26.29	26.35	25.29	25.39	25.32
		1	22	27.94	27.86	26.99	28.09	28.01	28.01	26.28	26.24	26.37	25.24	25.43	25.38
		1	23	24.70	24.66	23.80	24.70	24.62	24.70	23.00	22.98	23.00	21.86	21.98	22.00
		12	6	**28.70**	**28.70**	**28.70**	**28.70**	**28.70**	**28.70**	**27.00**	**27.00**	**27.00**	25.73	25.94	**26.00**
		24	0	28.20	28.20	28.20	28.20	28.20	28.20	26.50	26.50	26.50	25.50	25.43	25.50
	QPSK	1	0	24.33	23.98	24.67	24.64	24.67	24.69	22.93	22.97	22.99	21.80	21.99	21.93
		1	1	27.94	27.94	28.15	28.18	28.12	28.19	26.43	26.46	26.36	25.05	25.47	25.44
		1	22	28.00	28.02	28.16	28.12	28.12	28.15	26.50	26.49	26.40	25.13	25.40	25.40
		1	23	24.59	23.90	24.62	24.62	24.65	24.70	22.99	22.93	22.95	21.77	21.98	21.90
		12	6	28.11	28.43	**28.70**	28.50	**28.70**	28.28	26.97	**27.00**	26.89	25.59	**26.00**	25.91
		24	0	27.55	27.67	27.69	27.66	27.70	27.68	25.94	25.90	25.92	24.79	24.96	24.95
	16QAM	1	0	24.31	24.51	24.66	24.64	24.61	24.67	22.92	22.95	22.98	21.86	21.87	21.96
		1	1	26.56	26.87	27.06	27.12	27.18	27.18	25.31	25.40	25.44	23.99	24.24	24.49
		1	22	26.51	26.97	26.92	27.18	27.19	27.10	25.24	25.35	25.30	24.21	24.26	24.34
		1	23	24.16	24.50	24.69	24.61	24.68	24.62	22.88	22.89	22.87	21.72	21.97	21.90
		12	6	27.33	**27.66**	27.63	**27.70**	27.67	27.69	**25.95**	25.90	25.90	24.81	24.91	**24.94**
		24	0	26.49	26.65	26.63	26.69	26.69	26.70	24.97	25.00	24.99	23.97	23.97	23.91
	64QAM	1	0	24.31	24.64	24.61	24.70	24.64	24.68	22.94	22.97	22.92	21.90	21.93	21.94
		1	1	25.33	25.69	25.69	25.66	25.63	25.62	23.94	23.93	23.98	22.77	22.99	22.99
		1	22	25.25	25.61	25.69	25.62	25.60	25.69	23.98	23.96	23.93	22.82	23.00	22.92
		1	23	24.14	24.69	24.69	24.60	24.63	24.69	22.99	22.93	22.97	21.86	21.92	21.97
		12	6	25.73	26.11	**26.19**	26.17	26.15	26.14	24.46	**24.50**	24.49	23.32	23.43	**23.48**
		24	0	25.96	26.14	26.14	26.17	26.13	**26.18**	**24.50**	24.46	24.43	23.39	23.47	23.42
	256QAM	1	0	23.61	23.55	23.66	23.70	23.63	23.61	21.92	21.95	21.95	20.96	20.91	20.92
		1	1	23.66	23.61	23.69	23.65	23.64	23.60	21.95	21.97	21.95	20.81	20.98	20.99
		1	22	23.25	23.70	23.68	23.68	23.64	23.63	21.98	21.92	21.95	20.94	20.93	20.97
		1	23	23.22	23.65	23.65	23.65	23.65	23.64	21.91	21.99	21.98	20.98	20.97	20.98
		12	6	23.68	24.11	**24.19**	24.11	24.14	24.11	22.46	22.46	**22.49**	21.43	21.44	21.45
		24	0	23.83	24.15	24.15	**24.19**	24.18	24.10	22.41	22.47	22.46	**21.49**	21.46	21.40

OUTPUT POWER FOR 5G NR n77 (15.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 9			ANT 8			ANT 7			ANT 4		
				647166	656000	664833	647166	656000	664833	647166	656000	664833	647166	656000	664833
				3707.5	3840.0	3972.5	3707.5	3840.0	3972.5	3707.5	3840.0	3972.5	3707.5	3840.0	3972.5
15.0	BPSK	1	0	24.62	24.70	24.70	24.49	24.70	24.66	22.27	23.00	23.00	22.00	22.00	22.00
		1	1	28.00	28.18	27.94	28.09	28.11	27.98	26.23	26.36	26.31	25.32	25.47	25.50
		1	36	28.17	28.20	28.19	28.16	28.09	27.99	26.32	26.31	26.30	25.27	25.36	25.48
		1	37	24.70	24.55	24.64	24.70	24.61	24.70	23.00	22.91	22.83	21.95	21.99	21.75
		18	9	**28.70**	**28.70**	**28.70**	**28.70**	**28.70**	28.69	**27.00**	**27.00**	26.89	**26.00**	**26.00**	**26.00**
		36	0	28.20	28.17	28.20	28.20	28.20	28.20	26.50	26.50	26.50	25.50	25.50	25.41
	QPSK	1	0	24.15	24.33	24.48	24.69	24.60	24.67	23.00	22.96	22.98	21.93	21.97	22.00
		1	1	27.41	27.74	27.94	28.12	28.20	28.16	26.43	26.45	26.24	25.40	25.25	25.34
		1	36	27.37	27.74	28.15	28.10	28.17	28.18	26.47	26.28	26.25	25.41	24.98	25.35
		1	37	23.81	24.35	24.60	24.64	24.60	24.67	22.97	22.94	22.90	21.95	21.82	21.96
		18	9	27.97	28.29	**28.70**	**28.70**	28.44	28.37	**27.00**	26.82	26.79	**26.00**	25.69	25.87
		36	0	27.09	27.39	27.63	27.63	27.61	27.63	25.93	25.99	25.92	24.95	24.85	24.96
	16QAM	1	0	23.77	24.30	24.65	24.65	24.65	24.64	22.99	22.94	22.76	22.00	21.74	21.91
		1	1	26.16	26.68	26.97	27.19	27.15	27.17	25.21	25.18	25.19	24.44	24.26	24.47
		1	36	26.15	26.87	27.06	27.10	27.11	27.11	25.35	25.22	25.07	24.32	24.25	24.31
		1	37	23.78	24.12	24.47	24.68	24.70	24.70	22.92	22.84	22.69	21.93	21.66	21.97
		18	9	26.99	27.35	**27.66**	27.61	**27.70**	27.62	25.83	25.90	**26.00**	24.91	24.94	**24.98**
		36	0	26.11	26.19	26.61	26.63	26.62	26.68	24.98	24.94	24.95	23.99	23.97	23.91
	64QAM	1	0	24.13	24.47	24.61	24.64	24.64	24.63	22.97	22.91	22.96	21.96	21.98	21.95
		1	1	25.27	25.37	25.68	25.67	25.63	25.64	23.87	24.00	23.95	22.90	22.86	22.97
		1	36	25.05	25.19	25.69	25.70	25.64	25.67	23.82	23.85	23.91	22.85	22.78	22.98
		1	37	24.04	24.09	24.51	24.70	24.64	24.64	22.91	22.57	22.93	21.98	21.79	21.92
		18	9	25.57	25.82	**26.15**	**26.20**	26.18	26.18	24.36	24.40	24.45	23.45	23.36	23.48
		36	0	25.70	25.92	26.11	26.13	26.13	26.18	24.47	**24.49**	24.48	23.48	23.45	**23.49**
	256QAM	1	0	23.31	23.35	23.68	23.63	23.70	23.61	22.00	21.99	22.00	20.90	20.97	20.97
		1	1	23.11	23.24	23.70	23.64	23.69	23.69	21.96	21.92	21.94	20.92	20.99	20.92
		1	36	23.01	22.99	23.69	23.69	23.61	23.65	21.99	21.91	21.92	20.92	20.92	20.91
		1	37	23.17	23.26	23.68	23.62	23.60	23.63	21.99	21.87	21.97	20.93	20.93	20.90
		18	9	23.62	23.87	24.17	24.14	**24.19**	**24.19**	22.45	22.44	22.41	**21.49**	21.48	21.44
		36	0	23.58	23.80	**24.18**	24.18	24.16	**24.19**	**22.46**	**22.46**	22.40	21.43	21.46	21.45

OUTPUT POWER FOR 5G NR n77 (20.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 9			ANT 8			ANT 7			ANT 4		
				647333	656000	664666	647333	656000	664666	647333	656000	664666	647333	656000	664666
				3710.0	3840.0	3970.0	3710.0	3840.0	3970.0	3710.0	3840.0	3970.0	3710.0	3840.0	3970.0
20.0	BPSK	1	0	24.18	24.70	24.70	24.56	24.70	24.70	22.87	23.00	22.96	22.00	22.00	21.83
		1	1	27.89	28.20	27.94	28.04	28.20	28.16	26.33	26.43	26.26	25.37	25.38	25.27
		1	49	28.12	28.13	28.09	27.97	27.85	27.89	26.36	26.04	26.29	25.50	25.10	25.37
		1	50	24.70	24.52	24.64	24.70	24.54	24.62	23.00	22.63	23.00	21.75	21.76	22.00
		25	12	**28.70**	**28.70**	**28.70**	**28.70**	**28.70**	**28.70**	**27.00**	**27.00**	**27.00**	**26.00**	**26.00**	**26.00**
		50	0	28.20	28.02	28.20	28.20	28.09	28.20	26.50	26.50	26.50	25.33	25.50	25.50
	QPSK	1	0	24.68	24.63	24.57	24.69	24.66	24.68	22.94	22.90	22.92	21.93	21.90	21.97
		1	1	27.88	28.20	27.96	28.10	28.18	27.85	26.46	26.41	26.47	25.41	25.41	25.43
		1	49	28.11	28.09	28.19	28.16	28.13	28.07	26.47	26.23	26.40	25.34	25.16	25.49
		1	50	24.63	24.51	24.68	24.65	24.69	24.62	22.90	22.85	22.91	21.92	21.95	21.91
		25	12	28.49	28.62	**28.70**	28.19	**28.70**	27.91	26.93	26.94	**27.00**	**26.00**	25.99	25.81
		50	0	27.60	27.70	27.70	27.63	27.63	27.62	25.93	25.93	25.92	24.91	24.99	24.95
	16QAM	1	0	24.29	24.54	24.26	24.65	24.63	24.69	22.89	22.94	22.96	21.92	21.98	21.91
		1	1	26.58	27.00	26.71	27.10	27.20	27.13	25.48	25.40	25.40	24.46	24.49	24.19
		1	49	26.72	26.92	26.94	27.14	27.10	27.20	25.42	25.02	25.39	24.45	24.21	24.16
		1	50	24.20	24.46	24.45	24.69	24.66	24.64	22.93	22.79	22.92	21.90	21.59	21.82
		25	12	27.29	**27.65**	27.53	27.60	**27.63**	27.60	**25.98**	25.91	25.96	24.96	**24.98**	24.87
		50	0	26.51	26.69	26.63	26.66	26.68	26.66	24.96	24.92	25.00	23.95	23.92	24.00
	64QAM	1	0	24.54	24.60	24.30	24.64	24.66	24.60	22.91	22.93	22.96	21.98	21.94	21.98
		1	1	25.53	25.52	25.48	25.68	25.62	25.64	23.98	23.92	23.96	22.97	22.91	22.75
		1	49	25.55	25.49	25.68	25.64	25.63	25.70	23.93	23.64	23.92	22.96	22.99	22.90
		1	50	24.56	24.50	24.39	24.61	24.61	24.70	22.99	22.69	22.98	21.90	21.92	21.94
		25	12	26.01	26.16	26.06	26.15	**26.20**	26.15	24.44	24.42	24.40	23.43	23.34	**23.45**
		50	0	26.05	**26.19**	26.16	26.14	26.12	26.19	24.46	24.47	**24.49**	23.41	23.44	23.43
	256QAM	1	0	23.70	23.63	23.28	23.69	23.64	23.61	21.94	21.93	21.90	20.92	20.96	20.90
		1	1	23.63	23.63	23.36	23.63	23.67	23.64	21.95	22.00	21.94	20.94	20.95	20.91
		1	49	23.64	23.68	23.46	23.69	23.67	23.63	21.96	21.72	22.00	20.72	20.93	20.96
		1	50	23.67	23.64	23.46	23.68	23.68	23.70	21.97	21.99	21.98	20.88	20.97	20.95
		25	12	24.10	24.14	23.93	**24.20**	24.11	24.19	22.45	22.40	22.42	**21.50**	21.47	21.40
		50	0	**24.16**	24.14	23.97	**24.20**	24.16	24.15	22.44	**22.50**	22.47	21.46	21.40	21.48

OUTPUT POWER FOR 5G NR n77 (25.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 9			ANT 8			ANT 7			ANT 4		
				647500	656000	664500	647500	656000	664500	647500	656000	664500	647500	656000	664500
				3712.5	3840.0	3967.5	3712.5	3840.0	3967.5	3712.5	3840.0	3967.5	3712.5	3840.0	3967.5
25.0	BPSK	1	0	24.30	24.70	24.54	24.55	24.70	24.63	22.72	23.00	22.61	21.80	21.92	21.56
		1	1	27.74	28.20	27.95	27.86	27.97	27.73	26.07	26.39	26.03	25.19	25.36	25.14
		1	63	28.15	27.89	28.07	28.20	27.53	28.07	26.43	26.03	26.34	25.45	25.09	25.50
		1	64	24.70	24.68	24.70	24.70	24.66	24.70	23.00	22.46	23.00	22.00	22.00	22.00
		32	16	**28.70**	**28.70**	**28.70**	**28.70**	**28.70**	**28.70**	**27.00**	**27.00**	**27.00**	**26.00**	**26.00**	**26.00**
		64	0	28.20	28.20	28.20	28.19	28.20	28.20	26.50	26.50	26.50	25.50	25.50	25.40
	QPSK	1	0	24.41	24.32	24.04	24.70	24.62	24.55	22.76	22.98	22.88	21.71	21.92	21.48
		1	1	27.95	27.89	27.61	28.17	28.16	27.39	26.16	26.50	26.14	24.96	25.47	24.93
		1	63	28.14	27.88	27.64	28.17	28.19	27.74	26.48	26.15	26.50	25.21	25.25	25.09
		1	64	24.68	24.34	24.17	24.66	24.70	24.67	22.94	22.76	22.91	21.93	21.96	21.76
		32	16	**28.70**	28.47	28.27	28.28	**28.70**	27.66	26.87	**27.00**	26.87	25.67	**26.00**	25.56
		64	0	27.64	27.60	27.51	27.68	27.61	27.69	25.94	25.94	25.90	24.87	24.92	24.87
	16QAM	1	0	24.37	24.44	23.96	24.66	24.61	24.35	22.63	23.00	22.70	21.29	21.96	21.80
		1	1	26.82	26.86	26.17	27.13	27.18	26.81	25.01	25.49	24.96	24.02	24.28	24.32
		1	63	27.08	26.92	26.67	27.12	27.10	26.93	25.38	25.20	25.35	24.12	24.25	24.43
		1	64	24.56	24.25	24.09	24.66	24.63	24.59	22.87	22.63	22.98	21.66	21.75	21.93
		32	16	**27.69**	27.60	27.33	27.68	**27.70**	27.69	25.90	**25.97**	25.95	24.84	**24.94**	**24.94**
		64	0	26.65	26.63	26.29	26.69	26.64	26.66	24.99	24.90	24.97	23.95	23.91	23.96
	64QAM	1	0	24.60	24.59	24.03	24.64	24.63	24.67	22.71	22.94	22.96	21.95	21.96	21.98
		1	1	25.40	25.50	25.10	25.64	25.65	25.57	23.85	23.96	23.78	22.64	22.83	22.98
		1	63	25.60	25.53	25.14	25.68	25.61	25.63	23.94	23.90	23.97	22.70	22.49	23.00
		1	64	24.65	24.42	24.16	24.64	24.68	24.63	22.97	22.70	22.91	21.84	21.41	21.99
		32	16	26.17	**26.18**	25.92	26.15	**26.17**	26.16	24.43	**24.49**	24.47	23.40	23.29	23.42
		64	0	26.16	26.11	26.10	26.13	26.14	26.13	24.48	24.40	24.42	23.42	**23.44**	**23.44**
	256QAM	1	0	23.47	23.70	23.38	23.68	23.62	23.65	21.93	21.95	21.94	20.93	20.96	20.75
		1	1	23.54	23.65	23.11	23.65	23.64	23.65	21.93	21.99	21.95	20.86	20.92	20.90
		1	63	23.65	23.54	23.30	23.65	23.65	23.61	22.00	21.78	21.93	20.97	20.91	20.99
		1	64	23.60	23.67	23.51	23.62	23.62	23.61	21.90	21.97	21.94	20.93	20.97	20.93
		32	16	24.09	24.15	23.99	24.11	24.14	24.14	22.47	22.42	22.45	21.32	21.47	21.49
		64	0	**24.19**	24.16	24.10	24.12	**24.20**	**24.20**	22.42	22.43	**22.49**	21.40	**21.50**	**21.50**

OUTPUT POWER FOR 5G NR n77 (30.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 9			ANT 8			ANT 7			ANT 4		
				647666	656000	664333	647666	656000	664333	647666	656000	664333	647666	656000	664333
				3715.0	3840.0	3965.0	3715.0	3840.0	3965.0	3715.0	3840.0	3965.0	3715.0	3840.0	3965.0
30.0	BPSK	1	0	24.22	24.70	24.50	24.45	24.70	24.64	22.61	23.00	22.58	21.48	22.00	21.75
		1	1	27.77	28.20	27.92	27.91	28.05	27.91	26.29	26.50	26.04	25.22	25.50	25.15
		1	76	28.20	27.98	28.20	28.20	27.67	28.11	26.50	25.97	26.50	25.22	25.13	25.50
		1	77	24.70	24.59	24.70	24.70	24.50	24.70	23.00	22.46	23.00	22.00	21.73	22.00
		36	18	**28.70**	**28.70**	**28.70**	28.67	**28.70**	**28.70**	**27.00**	**27.00**	**27.00**	**26.00**	**26.00**	**26.00**
		75	0	28.08	28.14	28.20	28.14	28.20	28.20	26.44	26.30	26.31	25.50	25.40	25.39
	QPSK	1	0	24.64	24.61	24.28	24.68	24.63	24.67	22.97	22.94	22.76	21.97	22.00	21.93
		1	1	28.09	27.99	27.65	27.96	28.16	27.98	26.27	26.47	26.04	25.38	25.41	25.24
		1	76	28.10	27.92	27.89	28.10	28.08	28.11	26.49	26.18	26.43	25.47	25.41	25.47
		1	77	24.66	24.49	24.34	24.63	24.65	24.70	22.95	22.90	22.91	21.97	21.99	21.99
		36	18	**28.70**	28.50	28.36	28.25	**28.70**	27.80	26.91	**27.00**	26.74	25.84	**26.00**	25.76
		75	0	27.65	27.63	27.44	27.60	27.67	27.64	25.92	25.95	25.89	24.99	24.90	24.90
	16QAM	1	0	24.27	24.44	23.98	24.70	24.69	24.66	22.66	22.90	22.60	21.75	21.94	21.50
		1	1	27.08	26.97	26.40	27.20	27.13	27.01	25.08	25.41	24.87	24.30	24.44	24.04
		1	76	27.11	26.73	26.72	27.11	27.17	27.14	25.47	25.16	25.40	24.22	24.16	24.14
		1	77	24.67	24.29	24.48	24.66	24.65	24.60	22.98	22.85	22.90	22.00	21.84	21.80
		36	18	**27.63**	27.58	27.16	27.65	**27.68**	27.61	25.93	**25.96**	25.78	**25.00**	24.94	24.63
		75	0	26.66	26.67	26.29	26.69	26.61	26.64	24.94	24.94	24.93	23.97	23.97	23.71
	64QAM	1	0	24.55	24.62	24.14	24.60	24.66	24.62	22.99	22.91	22.90	21.77	21.98	21.59
		1	1	25.45	25.69	25.12	25.69	25.69	25.70	23.77	23.98	23.81	22.99	22.96	22.86
		1	76	25.69	25.46	25.14	25.66	25.67	25.66	23.94	23.85	23.91	22.97	22.97	22.99
		1	77	24.61	24.56	24.27	24.65	24.64	24.66	22.92	22.86	22.94	21.96	21.90	21.98
		36	18	26.14	26.18	25.82	**26.17**	26.10	**26.17**	**24.48**	24.40	24.36	**23.50**	23.43	23.47
		75	0	26.08	**26.19**	25.84	26.10	**26.17**	26.11	24.42	24.46	24.40	23.43	23.42	**23.50**
	256QAM	1	0	23.59	23.60	23.38	23.62	23.69	23.70	21.80	21.95	21.81	20.99	20.92	20.94
		1	1	23.62	23.67	23.03	23.62	23.66	23.68	21.99	21.97	21.86	20.99	20.96	20.96
		1	76	23.68	23.65	23.26	23.68	23.70	23.64	22.00	21.97	21.93	20.92	20.90	20.95
		1	77	23.67	23.55	23.17	23.69	23.60	23.70	21.94	21.90	22.00	20.90	20.94	20.90
		36	18	24.16	24.10	23.80	**24.20**	24.18	24.19	22.45	22.41	**22.46**	21.47	21.45	21.43
		75	0	23.92	**24.18**	23.74	24.15	24.11	24.12	22.45	22.42	22.45	**21.48**	21.42	21.42

OUTPUT POWER FOR 5G NR n77 (40.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 9			ANT 8			ANT 7			ANT 4		
				648000	656000	664000	648000	656000	664000	648000	656000	664000	648000	656000	664000
				3720.0	3840.0	3960.0	3720.0	3840.0	3960.0	3720.0	3840.0	3960.0	3720.0	3840.0	3960.0
40.0	BPSK	1	0	24.13	24.70	24.32	24.45	24.70	24.48	22.45	23.00	22.60	21.39	22.00	21.66
		1	1	27.71	28.20	27.63	27.87	28.05	27.95	26.18	26.50	26.20	25.28	25.50	25.18
		1	104	28.20	27.95	28.14	28.20	27.51	28.15	26.50	25.76	26.50	25.50	24.90	25.50
		1	105	24.70	24.48	24.70	24.70	24.17	24.70	23.00	22.27	23.00	22.00	21.39	22.00
		50	25	**28.70**	**28.70**	**28.70**	**28.70**	**28.70**	**28.70**	**27.00**	**27.00**	**27.00**	**26.00**	**26.00**	**26.00**
		100	0	27.98	28.19	28.20	28.16	28.20	28.20	26.35	26.26	26.42	25.34	25.18	25.44
	QPSK	1	0	24.44	24.70	24.02	24.68	24.63	24.62	22.83	23.00	22.52	22.00	21.99	22.00
		1	1	27.90	28.12	27.64	27.95	28.19	27.63	26.10	26.45	25.87	25.48	25.47	25.48
		1	104	28.12	28.00	28.07	28.20	28.11	28.16	26.40	26.13	26.25	25.45	25.40	25.43
		1	105	24.62	24.50	24.64	24.62	24.65	24.64	22.95	22.68	22.86	21.99	21.97	22.00
		50	25	28.59	**28.70**	28.48	27.98	**28.70**	27.66	26.89	**27.00**	26.44	25.71	**25.79**	25.70
		100	0	27.64	27.66	27.60	27.63	27.65	27.67	25.93	25.91	25.65	24.94	25.00	24.92
	16QAM	1	0	24.32	24.55	24.03	24.66	24.60	24.35	22.52	22.91	22.56	22.00	21.94	21.96
		1	1	26.88	26.98	26.42	27.12	27.16	26.96	24.98	25.46	24.75	24.43	24.49	24.43
		1	104	27.18	27.03	27.01	27.19	27.12	27.16	25.36	24.78	25.07	24.47	24.50	24.50
		1	105	24.68	24.31	24.30	24.61	24.66	24.70	22.91	22.32	22.55	21.98	21.94	21.98
		50	25	27.60	**27.69**	27.48	**27.70**	27.63	27.69	**25.99**	25.88	25.64	24.95	24.90	**24.99**
		100	0	26.65	26.65	26.61	26.66	26.60	26.61	24.93	24.86	24.63	23.95	23.96	23.91
	64QAM	1	0	24.32	24.52	24.17	24.62	24.67	24.58	22.58	22.94	22.52	21.90	22.00	21.91
		1	1	25.40	25.61	25.17	25.60	25.68	25.66	23.71	23.95	23.50	22.93	22.96	23.00
		1	104	25.66	25.60	25.60	25.70	25.64	25.66	23.97	23.34	23.90	22.93	22.95	22.97
		1	105	24.53	24.63	24.60	24.64	24.68	24.65	22.97	22.66	22.84	21.91	21.96	21.90
		50	25	26.00	26.19	26.02	26.11	26.15	**26.19**	24.45	24.45	24.14	**23.50**	23.44	23.49
		100	0	26.09	**26.20**	26.09	26.12	**26.19**	26.16	**24.49**	24.41	24.17	23.45	23.40	23.40
	256QAM	1	0	23.43	23.68	23.30	23.66	23.70	23.67	21.96	21.93	21.54	20.98	20.90	20.99
		1	1	23.66	23.63	23.13	23.68	23.63	23.63	21.96	21.99	21.38	20.98	20.95	20.98
		1	104	23.60	23.63	23.56	23.64	23.66	23.66	22.00	21.66	21.94	20.92	20.97	20.98
		1	105	23.60	23.57	23.64	23.62	23.69	23.60	22.00	21.59	21.78	21.00	20.90	21.00
		50	25	24.16	24.18	23.92	24.19	24.18	**24.20**	**22.45**	**22.45**	22.21	21.43	21.42	21.47
		100	0	24.11	**24.20**	23.91	24.19	24.11	**24.20**	22.44	**22.45**	22.21	21.47	21.47	**21.49**

OUTPUT POWER FOR 5G NR n77 (50.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 9			ANT 8			ANT 7			ANT 4		
				648333	656000	663666	648333	656000	663666	648333	656000	663666	648333	656000	663666
				3725.0	3840.0	3955.0	3725.0	3840.0	3955.0	3725.0	3840.0	3955.0	3725.0	3840.0	3955.0
50.0	BPSK	1	0	24.42	24.70	24.51	24.52	24.70	24.70	21.84	23.00	22.70	22.00	22.00	21.45
		1	1	27.75	27.89	27.77	27.96	28.20	27.77	25.91	26.50	26.17	25.14	25.50	25.04
		1	131	27.95	27.87	27.88	28.12	27.42	27.89	26.12	25.74	26.34	25.08	24.96	25.32
		1	132	24.70	24.52	24.70	24.70	23.96	24.53	23.00	22.38	23.00	21.99	21.41	22.00
		64	32	**28.70**	**28.70**	**28.70**	**28.70**	**28.70**	**28.70**	**27.00**	**27.00**	**27.00**	**26.00**	**26.00**	**26.00**
		128	0	28.20	28.20	28.20	28.20	28.09	28.20	26.50	26.44	26.50	25.50	25.50	25.50
	QPSK	1	0	24.45	24.67	24.27	24.68	24.68	24.60	22.70	22.90	22.28	21.99	22.00	21.90
		1	1	27.98	28.20	27.75	28.00	28.13	27.61	26.06	26.46	25.67	25.45	25.43	25.37
		1	131	28.18	27.99	28.17	28.15	28.09	27.90	26.24	25.57	25.81	25.40	25.35	25.46
		1	132	24.62	24.42	24.55	24.67	24.64	24.63	22.74	22.26	22.45	22.00	21.99	21.98
		64	32	28.67	**28.70**	28.62	28.38	**28.70**	27.88	**27.00**	26.75	26.27	**25.88**	25.77	25.70
		128	0	27.66	27.65	27.62	27.63	27.63	27.69	25.97	25.91	25.42	24.90	24.99	24.94
	16QAM	1	0	24.31	24.36	23.85	24.69	24.66	24.61	22.35	22.72	22.13	21.91	21.93	21.96
		1	1	26.82	26.89	26.42	27.12	27.19	27.01	24.85	25.14	24.61	24.44	24.47	24.43
		1	131	27.14	26.73	26.56	27.20	27.17	27.16	24.75	24.30	24.58	24.47	24.45	24.47
		1	132	24.66	24.25	24.02	24.60	24.67	24.70	22.05	21.97	22.22	21.94	21.97	21.92
		64	32	27.61	**27.67**	27.39	**27.69**	27.62	**27.69**	**25.84**	25.74	25.43	24.90	**25.00**	**25.00**
		128	0	26.68	26.70	26.38	26.60	26.67	26.61	24.74	24.84	24.44	23.90	23.93	23.92
	64QAM	1	0	24.69	24.64	24.16	24.61	24.66	24.66	22.24	22.87	22.02	21.99	21.90	21.93
		1	1	25.63	25.48	25.18	25.62	25.66	25.39	23.55	23.77	23.20	22.99	22.95	22.97
		1	131	25.70	25.57	25.40	25.69	25.61	25.63	23.34	23.01	23.18	22.98	22.98	22.92
		1	132	24.60	24.22	24.39	24.60	24.67	24.70	22.45	22.09	22.21	21.92	22.00	21.98
		64	32	26.17	26.14	**26.19**	**26.19**	26.17	26.18	**24.35**	24.30	23.94	23.48	23.49	23.46
		128	0	26.15	26.17	26.10	**26.19**	26.18	26.12	24.34	**24.35**	23.92	**23.50**	23.43	23.49
	256QAM	1	0	23.45	23.60	22.98	23.69	23.62	23.67	21.74	21.97	21.38	20.90	20.94	20.98
		1	1	23.68	23.63	23.20	23.61	23.68	23.61	21.80	22.00	21.28	20.99	20.95	20.94
		1	131	23.65	23.69	23.61	23.69	23.64	23.61	21.85	21.02	21.34	21.00	20.94	20.95
		1	132	23.61	23.60	23.66	23.63	23.58	23.68	21.76	20.94	21.41	20.91	20.95	20.94
		64	32	**24.18**	24.17	23.76	**24.17**	24.16	24.12	**22.50**	22.33	21.98	21.48	**21.50**	21.49
		128	0	24.16	24.11	23.54	24.15	24.14	24.15	22.45	22.27	21.96	21.41	21.46	21.40

OUTPUT POWER FOR 5G NR n77 (60.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 9			ANT 8			ANT 7			ANT 4		
				648666	656000	663333	648666	656000	663333	648666	656000	663333	648666	656000	663333
				3730.0	3840.0	3950.0	3730.0	3840.0	3950.0	3730.0	3840.0	3950.0	3730.0	3840.0	3950.0
60.0	BPSK	1	0	24.70	24.70	24.42	24.52	24.70	24.70	23.00	23.00	22.97	21.73	22.00	21.73
		1	1	27.92	27.79	27.88	27.88	28.20	28.01	26.21	26.50	26.29	25.20	25.50	25.14
		1	160	28.08	27.86	28.20	28.20	27.40	28.01	26.22	25.69	26.50	25.50	24.84	25.50
		1	161	24.60	24.68	24.70	24.70	24.07	24.69	22.69	22.03	23.00	22.00	21.37	22.00
		81	40	**28.70**	**28.70**	**28.70**	**28.70**	**28.70**	**28.70**	**27.00**	**27.00**	**27.00**	**26.00**	**26.00**	**26.00**
		162	0	28.20	28.20	28.02	28.20	27.94	28.20	26.50	26.21	26.29	25.46	25.19	25.29
	QPSK	1	0	24.44	24.70	24.42	24.69	24.64	24.65	22.98	22.96	22.60	21.90	21.93	22.00
		1	1	27.63	28.15	27.81	27.91	28.15	27.68	26.35	26.41	26.07	25.23	25.41	24.99
		1	160	27.81	28.03	27.92	28.05	27.83	27.99	26.11	25.97	26.40	25.44	25.19	25.48
		1	161	24.25	24.49	24.67	24.68	24.61	24.60	22.90	22.56	22.98	21.97	21.97	21.94
		81	40	28.33	**28.70**	28.27	28.16	**28.70**	27.87	**27.00**	26.88	26.55	**25.50**	25.42	25.08
		162	0	27.68	27.63	27.50	27.60	27.61	27.61	25.92	25.90	25.70	24.91	24.97	24.99
	16QAM	1	0	23.94	24.65	23.97	24.67	24.63	24.67	22.56	22.96	22.39	22.00	21.92	21.86
		1	1	26.65	27.10	26.59	27.10	27.15	27.20	25.27	25.46	25.10	24.41	24.46	24.07
		1	160	26.39	27.17	26.66	27.12	27.20	27.18	25.40	24.78	25.24	24.45	24.40	24.49
		1	161	24.05	24.48	24.25	24.66	24.60	24.63	22.54	22.36	22.65	21.94	21.99	21.91
		81	40	27.52	**27.69**	27.22	**27.69**	27.60	27.65	**25.89**	25.83	25.67	24.96	**24.97**	24.96
		162	0	26.52	26.66	26.40	26.68	26.69	26.68	24.93	24.90	24.68	23.96	23.92	23.94
	64QAM	1	0	24.32	24.62	24.26	24.68	24.68	24.67	22.94	22.92	22.55	22.00	21.97	21.67
		1	1	25.56	25.67	25.18	25.64	25.62	25.65	23.96	23.94	23.70	22.99	22.92	22.90
		1	160	25.57	25.69	25.39	25.68	25.61	25.66	23.77	23.64	23.78	22.92	22.92	22.90
		1	161	24.49	24.18	24.26	24.62	24.63	24.63	22.77	22.52	23.00	21.92	21.96	21.93
		81	40	26.08	26.12	25.72	26.14	26.19	26.15	24.44	24.33	24.11	23.44	23.47	23.48
		162	0	**26.17**	26.16	25.89	26.14	**26.20**	26.16	24.43	**24.49**	24.20	23.47	**23.50**	23.47
	256QAM	1	0	23.63	23.67	23.50	23.62	23.66	23.56	21.90	21.98	21.59	20.96	20.95	20.99
		1	1	23.43	23.61	23.10	23.65	23.60	23.62	21.99	21.92	21.87	20.91	20.94	20.91
		1	160	23.62	23.56	23.61	23.64	23.67	23.63	21.91	21.69	21.88	20.99	20.98	20.92
		1	161	23.43	23.31	23.58	23.68	23.62	23.66	21.92	21.91	21.97	20.93	20.99	20.92
		81	40	24.08	**24.18**	23.88	24.13	24.14	24.13	22.47	22.42	22.26	21.47	21.46	21.44
		162	0	**24.18**	**24.18**	23.96	24.17	24.14	**24.19**	22.47	**22.49**	22.23	**21.50**	21.42	21.49

OUTPUT POWER FOR 5G NR n77 (70.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 9			ANT 8			ANT 7			ANT 4		
				649000	656000	663000	649000	656000	663000	649000	656000	663000	649000	656000	663000
				3735.0	3840.0	3945.0	3735.0	3840.0	3945.0	3735.0	3840.0	3945.0	3735.0	3840.0	3945.0
70.0	BPSK	1	0	24.70	24.70	24.50	24.70	24.70	24.70	23.00	23.00	22.63	21.83	22.00	21.77
		1	1	27.83	27.95	28.07	27.91	28.20	27.92	26.23	26.50	26.25	25.19	25.50	25.12
		1	187	27.64	27.92	28.20	28.02	27.07	28.04	25.97	25.56	26.50	25.33	24.63	25.50
		1	188	24.68	24.62	24.70	24.39	23.92	24.49	22.86	22.10	23.00	22.00	21.15	22.00
		90	45	**28.70**	**28.70**	**28.70**	**28.70**	**28.70**	**28.70**	**27.00**	**27.00**	**27.00**	**26.00**	**26.00**	**26.00**
		180	0	28.20	28.20	27.98	28.20	28.00	28.20	26.50	26.20	26.42	25.50	25.06	25.37
	QPSK	1	0	24.26	24.61	23.94	24.69	24.62	24.63	22.85	22.90	22.65	21.99	21.93	21.98
		1	1	27.81	28.04	27.48	27.78	28.12	27.65	26.15	26.50	25.97	25.42	25.45	25.17
		1	187	27.69	27.90	27.69	27.84	27.79	27.55	26.22	25.59	26.10	25.43	25.12	25.22
		1	188	24.26	24.34	24.10	24.67	24.67	24.69	22.68	22.38	22.85	21.96	21.94	21.91
		90	45	**28.70**	28.55	28.04	28.06	**28.70**	27.39	**27.00**	26.74	26.38	**25.90**	25.47	25.17
		180	0	27.70	27.65	27.29	27.61	27.68	27.60	25.95	25.85	25.54	24.96	24.96	24.93
	16QAM	1	0	24.19	24.24	23.93	24.40	24.69	24.51	22.57	22.97	22.44	21.94	21.91	21.98
		1	1	26.61	26.74	26.39	27.18	27.18	26.87	24.88	25.43	24.89	24.47	24.45	24.42
		1	187	26.54	26.84	26.76	26.92	27.14	26.92	24.93	24.71	24.91	24.42	24.41	24.42
		1	188	24.01	23.83	23.93	24.60	24.67	24.26	22.33	21.98	22.61	22.00	21.81	21.93
		90	45	**27.65**	27.47	27.11	27.60	**27.62**	27.30	**25.98**	25.71	25.53	**24.99**	24.97	24.96
		180	0	26.68	26.58	26.25	26.70	26.67	26.60	24.92	24.82	24.57	23.98	23.99	23.92
	64QAM	1	0	24.22	24.38	24.04	24.69	24.60	24.69	22.80	22.99	22.58	21.95	21.98	21.97
		1	1	25.17	25.34	24.90	25.63	25.70	25.65	23.56	23.99	23.26	22.98	22.95	23.00
		1	187	25.19	25.39	23.91	25.66	25.66	25.26	23.99	22.93	23.69	22.98	22.90	22.94
		1	188	24.01	24.37	24.01	24.61	24.70	24.61	22.69	22.54	22.36	21.98	21.91	21.94
		90	45	26.05	26.07	25.67	**26.19**	26.10	25.85	**24.47**	24.26	24.03	23.45	23.42	23.44
		180	0	26.10	**26.13**	25.66	26.17	26.11	26.05	24.43	24.42	24.11	**23.50**	23.41	23.43
	256QAM	1	0	23.09	23.66	22.79	23.63	23.65	23.60	21.96	21.91	21.83	20.92	20.90	20.96
		1	1	23.22	23.45	22.85	23.62	23.69	23.49	21.83	21.95	21.37	20.93	20.94	20.93
		1	187	23.50	23.63	23.01	23.66	23.65	23.70	21.66	21.19	21.77	21.00	20.95	20.96
		1	188	23.30	23.49	23.00	23.63	23.64	23.70	21.73	21.66	21.87	20.94	20.90	20.91
		90	45	23.98	24.02	23.34	24.14	**24.20**	23.87	22.42	22.48	21.99	21.42	21.42	21.46
		180	0	24.03	**24.09**	23.62	24.18	24.17	24.04	22.44	**22.50**	22.15	21.44	**21.50**	21.48

OUTPUT POWER FOR 5G NR n77 (80.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 9			ANT 8			ANT 7			ANT 4		
				649333	656000	662666	649333	656000	662666	649333	656000	662666	649333	656000	662666
				3740.0	3840.0	3940.0	3740.0	3840.0	3940.0	3740.0	3840.0	3940.0	3740.0	3840.0	3940.0
80.0	BPSK	1	0	24.46	24.70	24.46	24.47	24.70	24.68	22.76	23.00	22.65	21.80	22.00	21.72
		1	1	27.40	28.20	28.02	27.96	28.20	27.71	26.00	26.50	26.28	25.26	25.50	25.33
		1	215	27.90	27.08	28.17	28.03	27.29	28.02	26.41	25.47	26.50	25.29	24.65	25.50
		1	216	24.70	23.81	24.70	24.70	24.00	24.70	23.00	22.10	23.00	22.00	20.94	22.00
		108	54	**28.70**	**28.70**	**28.70**	**28.70**	**28.70**	**28.70**	**27.00**	**27.00**	**27.00**	**26.00**	**26.00**	**26.00**
		216	0	28.20	27.90	28.20	28.20	28.08	28.20	26.50	26.14	26.28	25.50	25.16	25.34
	QPSK	1	0	24.39	24.70	24.09	24.63	24.61	24.66	22.91	23.00	22.74	21.98	21.96	21.96
		1	1	27.86	28.19	27.60	28.18	28.16	28.15	26.35	26.45	26.01	25.42	25.50	25.46
		1	215	27.94	27.40	27.63	28.15	27.79	28.08	26.45	25.82	26.16	25.41	25.09	25.41
		1	216	24.65	24.04	24.21	24.67	24.68	24.70	22.96	22.39	22.96	21.91	21.95	21.90
		108	54	**28.70**	28.31	27.74	**28.70**	28.27	27.77	**27.00**	26.79	26.27	**25.92**	25.32	25.40
		216	0	27.65	27.66	27.14	27.70	27.67	27.65	25.95	25.98	25.52	24.94	24.90	24.98
	16QAM	1	0	24.18	24.36	23.84	24.70	24.69	24.62	22.82	22.97	22.36	21.90	22.00	21.97
		1	1	26.62	26.97	26.70	27.18	27.12	27.19	25.24	25.45	24.67	24.48	24.50	24.45
		1	215	26.78	26.05	26.41	27.13	27.20	27.16	25.45	24.50	25.36	24.50	24.48	24.45
		1	216	24.30	23.35	23.93	24.69	24.64	24.65	22.75	22.04	22.53	21.91	21.94	21.94
		108	54	**27.54**	27.05	26.86	**27.70**	27.61	27.69	**25.93**	25.78	25.39	**24.96**	24.93	24.91
		216	0	26.62	26.26	26.02	26.62	26.62	26.67	24.96	24.86	24.55	23.97	23.92	23.90
	64QAM	1	0	24.27	24.61	24.05	24.68	24.66	24.62	22.66	23.00	22.52	22.00	22.00	21.91
		1	1	25.16	25.68	25.08	25.62	25.65	25.69	23.77	23.97	23.67	22.91	22.93	23.00
		1	215	25.49	24.59	25.18	25.65	25.69	25.68	23.73	23.12	23.29	22.96	22.97	22.96
		1	216	24.10	23.73	24.61	24.63	24.69	24.64	22.90	22.29	22.78	22.00	21.91	21.98
		108	54	26.11	25.94	25.42	26.18	**26.20**	26.13	24.43	24.30	23.91	23.44	23.48	23.48
		216	0	26.11	**26.14**	25.63	26.11	26.18	26.19	**24.47**	24.42	24.06	**23.50**	23.49	23.47
	256QAM	1	0	23.63	23.60	22.93	23.63	23.70	23.61	21.80	21.96	21.96	21.00	20.96	20.97
		1	1	23.24	23.63	23.15	23.64	23.63	23.65	21.87	21.95	21.73	20.92	20.94	20.90
		1	215	23.59	22.98	23.26	23.64	23.70	23.69	21.97	21.37	21.81	20.98	21.00	20.93
		1	216	23.65	23.06	23.33	23.64	23.69	23.60	22.00	21.52	21.93	20.95	20.95	20.94
		108	54	**24.19**	23.73	23.37	24.16	24.13	24.10	22.40	22.34	21.99	21.41	21.48	21.49
		216	0	24.10	24.17	23.63	24.10	**24.19**	24.15	**22.45**	22.41	22.03	21.40	21.42	**21.50**

OUTPUT POWER FOR 5G NR n77 (90.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 9			ANT 8			ANT 7			ANT 4		
				649666	656000	662333	649666	656000	662333	649666	656000	662333	649666	656000	662333
				3745.0	3840.0	3935.0	3745.0	3840.0	3935.0	3745.0	3840.0	3935.0	3745.0	3840.0	3935.0
90.0	BPSK	1	0	24.43	24.70	24.10	24.47	24.70	24.51	22.91	23.00	22.76	22.00	22.00	21.74
		1	1	27.74	28.20	27.84	28.00	28.20	27.48	26.18	26.50	26.43	25.20	25.50	25.24
		1	243	28.08	27.44	28.20	28.01	27.33	27.95	26.25	25.52	26.50	25.33	24.60	25.50
		1	244	24.70	23.45	24.70	24.70	24.09	24.70	23.00	22.32	23.00	22.00	21.09	22.00
		120	60	**28.70**	**28.70**	**28.70**	**28.70**	**28.70**	**28.70**	**27.00**	**27.00**	**27.00**	**26.00**	**26.00**	**26.00**
		243	0	28.20	28.09	27.95	28.20	27.92	28.20	26.50	26.03	26.37	25.50	25.03	25.20
	QPSK	1	0	24.50	24.66	24.20	24.64	24.60	24.61	22.97	22.98	22.66	22.00	21.95	21.99
		1	1	27.96	28.10	27.80	28.13	28.16	28.13	26.23	26.46	26.19	25.42	25.44	25.19
		1	243	28.10	27.22	27.96	28.20	28.15	28.16	26.44	25.69	26.23	25.34	24.96	25.34
		1	244	24.65	23.66	24.64	24.61	24.67	24.65	22.94	22.33	22.81	22.00	21.96	21.91
		120	60	**28.70**	28.18	28.13	28.45	**28.70**	27.78	**27.00**	26.56	26.23	**25.55**	25.22	24.90
		243	0	27.60	27.51	27.39	27.68	27.65	27.69	25.90	25.81	25.47	24.99	24.99	24.96
	16QAM	1	0	24.35	24.67	23.74	24.64	24.70	24.60	22.75	22.90	22.18	21.93	21.93	21.80
		1	1	26.61	27.11	26.64	27.12	27.14	27.16	24.84	25.40	24.97	24.48	24.46	24.46
		1	243	26.91	26.08	26.31	27.14	27.14	27.14	25.12	24.55	25.07	24.40	24.19	24.49
		1	244	24.03	23.61	23.98	24.64	24.61	24.61	22.87	22.06	22.34	21.90	21.82	21.91
		120	60	**27.62**	27.32	26.75	**27.70**	27.68	27.65	**25.91**	25.58	25.37	24.96	**24.97**	24.82
		243	0	26.66	26.66	25.95	26.66	26.63	26.69	24.90	24.73	24.44	23.90	23.98	23.90
	64QAM	1	0	24.68	24.61	23.72	24.70	24.70	24.60	22.85	22.97	22.40	22.00	21.98	21.96
		1	1	25.23	25.64	25.10	25.67	25.70	25.69	23.81	23.91	23.72	22.90	22.97	23.00
		1	243	25.67	24.75	24.91	25.69	25.70	25.62	23.68	23.36	23.81	22.92	22.84	22.90
		1	244	24.69	23.75	24.34	24.64	24.69	24.69	22.91	22.10	22.43	21.92	21.76	21.93
		120	60	26.14	25.93	25.36	26.14	26.18	26.15	**24.42**	24.13	23.90	23.40	23.42	23.48
		243	0	**26.19**	26.14	25.59	**26.20**	26.19	26.11	24.41	24.23	23.92	23.47	23.45	**23.49**
	256QAM	1	0	23.70	23.63	23.06	23.70	23.69	23.62	21.99	21.99	21.79	20.91	20.92	20.93
		1	1	23.60	23.69	23.14	23.65	23.61	23.67	21.98	21.95	21.88	20.99	20.98	20.93
		1	243	23.68	22.69	23.65	23.70	23.63	23.69	21.99	21.27	21.45	20.94	20.95	20.96
		1	244	23.61	22.99	23.37	23.61	23.70	23.69	21.97	21.32	21.47	20.92	20.92	20.90
		120	60	**24.19**	23.65	23.39	24.14	**24.20**	24.17	22.41	22.22	21.89	**21.50**	**21.50**	21.49
		243	0	24.14	23.81	23.68	24.15	24.16	24.14	**22.43**	22.27	22.01	21.46	21.44	21.46

OUTPUT POWER FOR 5G NR n77 (100.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 9			ANT 8			ANT 7			ANT 4		
				650000	656000	662000	650000	656000	662000	650000	656000	662000	650000	656000	662000
				3750.0	3840.0	3930.0	3750.0	3840.0	3930.0	3750.0	3840.0	3930.0	3750.0	3840.0	3930.0
100.0	BPSK	1	0	24.45	24.70	24.45	24.28	24.70	24.70	22.86	23.00	23.00	22.00	22.00	21.89
		1	1	27.56	28.20	27.84	27.67	28.13	27.69	26.06	26.50	26.39	24.93	25.50	25.28
		1	271	27.87	27.19	27.87	27.83	27.35	27.99	26.06	25.69	26.26	25.06	24.20	25.50
		1	272	24.70	23.72	24.70	24.70	23.86	24.65	23.00	22.19	22.91	21.88	20.95	22.00
		135	67	**28.70**	**28.70**	28.64	**28.70**	**28.70**	**28.70**	**27.00**	**27.00**	**27.00**	**26.00**	**26.00**	**26.00**
		270	0	28.20	28.05	28.20	28.20	28.20	28.20	26.50	26.50	26.50	25.50	25.29	25.27
	QPSK	1	0	24.21	24.66	24.05	24.67	24.68	24.60	22.69	22.94	22.43	21.96	21.90	21.90
		1	1	27.72	28.16	27.65	27.86	28.12	27.98	26.02	26.43	25.99	25.30	25.48	25.18
		1	271	27.97	27.20	27.72	27.91	28.00	28.00	26.34	25.66	25.89	25.20	24.70	24.79
		1	272	24.50	23.45	24.20	24.67	24.68	24.64	22.76	22.31	22.61	22.00	21.88	21.98
		135	67	**28.70**	28.17	28.24	28.23	**28.70**	27.77	**27.00**	26.87	26.43	**25.54**	25.43	24.95
		270	0	27.63	27.61	27.59	27.70	27.60	27.69	25.98	25.94	25.72	24.90	24.96	24.95
	16QAM	1	0	23.95	24.15	23.78	24.55	24.69	24.62	22.66	22.98	22.45	21.92	21.97	21.95
		1	1	26.36	26.42	25.88	27.11	27.12	26.99	24.63	25.49	24.88	24.40	24.47	24.42
		1	271	26.37	25.54	26.31	27.12	27.13	27.12	25.10	24.52	25.04	24.39	23.99	24.41
		1	272	24.01	23.17	23.87	24.65	24.60	24.66	22.47	22.33	22.53	21.97	21.97	21.96
		135	67	**27.45**	27.11	26.79	27.62	27.61	**27.69**	**25.95**	25.89	25.48	**25.00**	24.92	24.96
		270	0	26.69	26.50	26.11	26.65	26.66	26.63	24.97	24.96	24.74	23.96	23.91	23.98
	64QAM	1	0	24.06	24.54	23.64	24.62	24.62	24.66	22.76	22.92	22.47	21.91	21.93	21.94
		1	1	25.27	25.27	24.38	25.63	25.61	25.67	23.73	24.00	23.57	22.97	22.97	22.94
		1	271	25.23	24.51	25.05	25.69	25.64	25.65	23.50	23.13	23.71	23.00	22.94	23.00
		1	272	24.29	23.49	24.33	24.64	24.65	24.67	22.47	22.17	22.48	21.93	21.40	22.00
		135	67	25.96	25.51	25.42	26.13	26.15	26.13	24.40	24.41	24.02	23.43	23.44	23.36
		270	0	**26.17**	25.87	25.54	26.14	**26.18**	26.15	**24.46**	24.41	24.16	**23.45**	**23.45**	23.40
	256QAM	1	0	22.98	23.40	22.61	23.65	23.60	23.66	21.86	21.95	21.69	20.91	20.99	20.92
		1	1	23.07	23.30	22.90	23.67	23.70	23.69	21.92	21.92	21.80	20.95	20.99	20.91
		1	271	23.26	22.61	22.81	23.60	23.62	23.68	21.93	21.43	22.00	20.97	20.96	20.95
		1	272	23.50	22.48	23.18	23.62	23.61	23.63	22.00	21.21	21.79	20.94	20.88	20.92
		135	67	**24.19**	23.78	23.25	24.16	24.16	24.13	**22.47**	22.46	22.08	21.41	**21.49**	21.42
		270	0	24.12	24.02	23.53	24.14	24.15	**24.20**	22.44	22.43	22.33	21.46	21.41	**21.49**

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 were 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.

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

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
5G NR n77 (FCC Part 27 3450-3550MHz)	10MHz, BPSK	24/0	3500.0	8.644	9.60
	10MHz, QPSK			8.573	9.63
	10MHz, 16QAM			8.622	9.63
	15MHz, BPSK	36/0		12.930	14.13
	15MHz, QPSK			12.925	14.10
	15MHz, 16QAM			12.928	13.98
	20MHz, BPSK	50/0		17.928	19.13
	20MHz, QPSK			17.929	19.14
	20MHz, 16QAM			17.924	19.10
	25MHz, BPSK	64/0		22.978	24.35
	25MHz, QPSK			22.964	24.45
	25MHz, 16QAM			22.978	24.44
	30MHz, BPSK	75/0		26.940	28.59
	30MHz, QPSK			26.953	28.46
	30MHz, 16QAM			26.948	28.59
	40MHz, BPSK	100/0		35.826	37.88
	40MHz, QPSK			35.833	37.89
	40MHz, 16QAM			35.874	38.06
	50MHz, BPSK	128/0		45.759	48.28
	50MHz, QPSK			45.741	48.51
	50MHz, 16QAM			45.904	48.34
	60MHz, BPSK	162/0		57.891	61.03
	60MHz, QPSK			57.853	61.04
	60MHz, 16QAM			58.156	61.03
	70MHz, BPSK	180/0		64.465	68.15
	70MHz, QPSK			64.292	68.11
	70MHz, 16QAM			64.602	68.16
	80MHz, BPSK	216/0		77.276	81.38
	80MHz, QPSK			77.267	81.18
	80MHz, 16QAM			77.447	81.43
	90MHz, BPSK	243/0		86.912	91.42
	90MHz, QPSK			86.771	91.39
	90MHz, 16QAM			86.977	91.39
	100MHz, BPSK	270/0		96.695	101.70
	100MHz, QPSK			96.405	101.49
	100MHz, 16QAM			96.740	101.67
	100MHz, BPSK	1/0		0.597	1.01

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

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
5G NR n77 (FCC Part 27 3700-3980MHz)	10MHz, BPSK	24/0	3840.0	8.627	9.63
	10MHz, QPSK			8.606	9.63
	10MHz, 16QAM			8.624	9.75
	15MHz, BPSK	36/0		12.940	14.09
	15MHz, QPSK			12.914	14.11
	15MHz, 16QAM			12.950	14.12
	20MHz, BPSK	50/0		17.910	19.22
	20MHz, QPSK			17.952	19.20
	20MHz, 16QAM			18.005	19.20
	25MHz, BPSK	64/0		22.962	24.21
	25MHz, QPSK			22.939	24.18
	25MHz, 16QAM			22.966	24.34
	30MHz, BPSK	75/0		26.925	28.47
	30MHz, QPSK			26.910	28.54
	30MHz, 16QAM			26.981	28.44
	40MHz, BPSK	100/0		35.876	37.74
	40MHz, QPSK			35.824	37.77
	40MHz, 16QAM			35.880	38.01
	50MHz, BPSK	128/0		45.819	48.30
	50MHz, QPSK			45.729	48.39
	50MHz, 16QAM			45.907	48.39
	60MHz, BPSK	162/0		58.173	61.05
	60MHz, QPSK			57.853	60.98
	60MHz, 16QAM			58.030	61.08
	70MHz, BPSK	180/0		64.503	67.80
	70MHz, QPSK			64.294	67.71
	70MHz, 16QAM			64.519	67.76
	80MHz, BPSK	216/0		77.338	81.34
	80MHz, QPSK			77.177	81.25
	80MHz, 16QAM			77.392	81.39
	90MHz, BPSK	243/0		86.941	91.45
	90MHz, QPSK			86.919	91.43
	90MHz, 16QAM			87.059	91.48
	100MHz, BPSK	270/0		96.475	101.60
	100MHz, QPSK			96.404	101.75
	100MHz, 16QAM			96.649	101.50
	100MHz, BPSK	1/0		0.597	1.05

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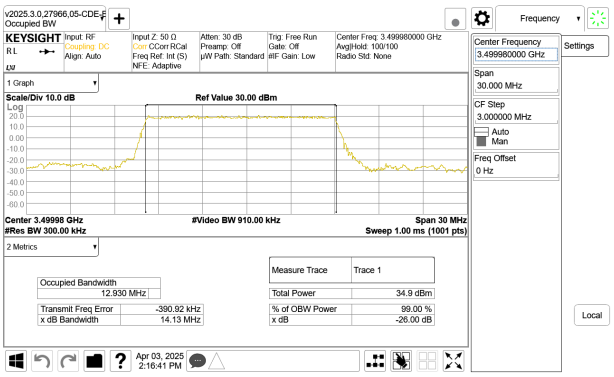
9.1.1. 5G NR n77 (FCC Part 27 3450-3550MHz)

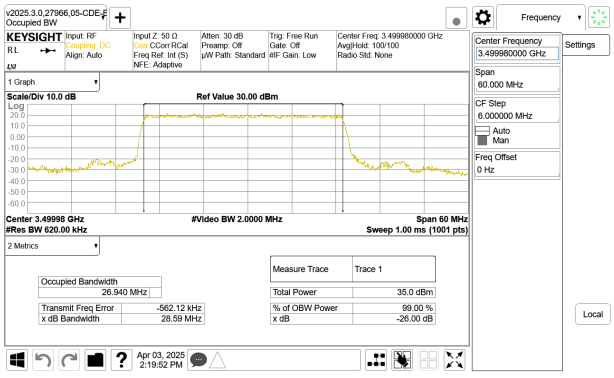
5G NR n77 10MHz BPSK Middle Channel RB24-0



5G NR n77 15MHz BPSK Middle Channel RB36-0

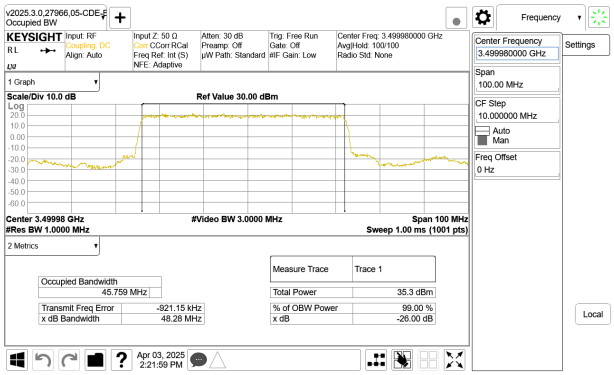
5G NR n77 20MHz BPSK Middle Channel RB50-0

5G NR n77 25MHz BPSK Middle Channel RB64-0

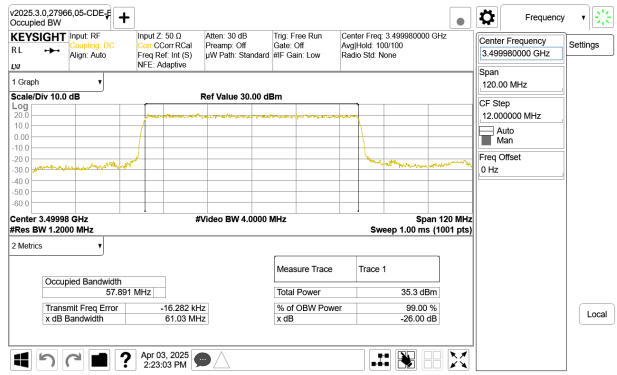


5G NR n77 30MHz BPSK Middle Channel RB75-0

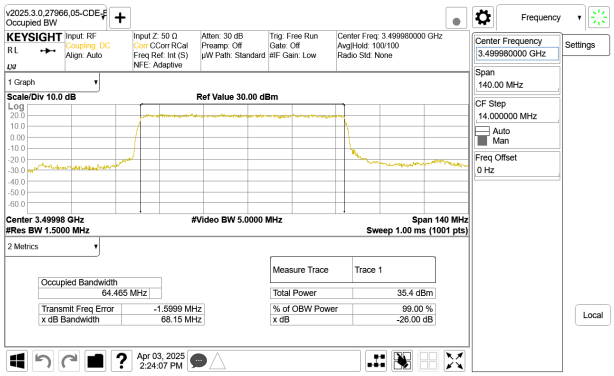
5G NR n77 40MHz BPSK Middle Channel RB100-0



5G NR n77 50MHz BPSK Middle Channel RB128-0

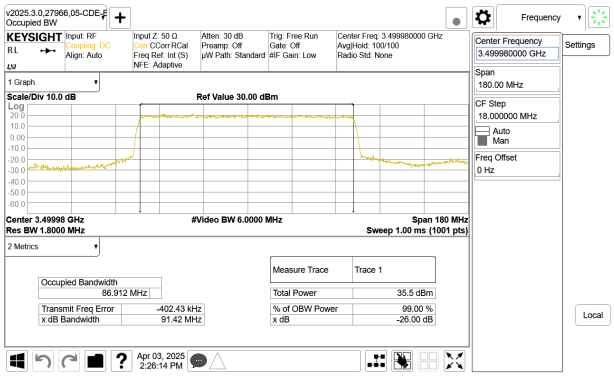


5G NR n77 60MHz BPSK Middle Channel RB162-0

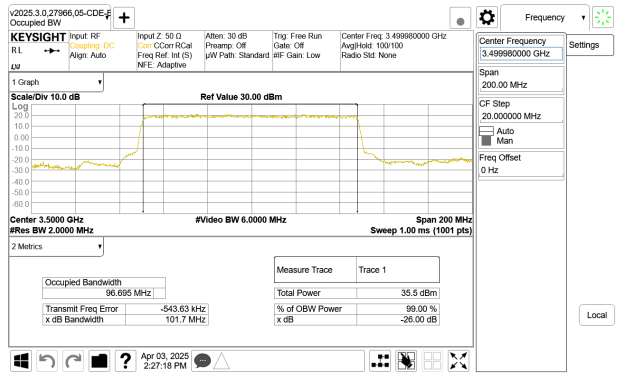


5G NR n77 70MHz BPSK Middle Channel RB180-0

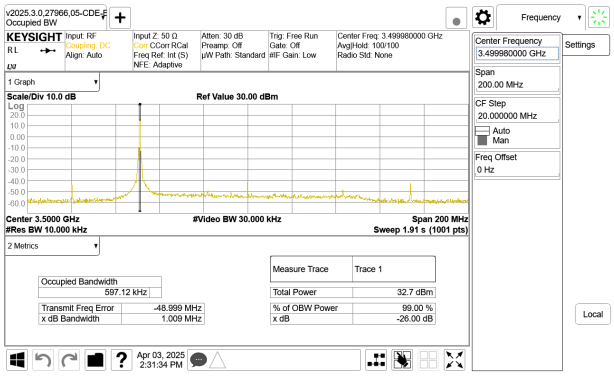
5G NR n77 80MHz BPSK Middle Channel RB216-0



5G NR n77 90MHz BPSK Middle Channel RB243-0



5G NR n77 100MHz BPSK Middle Channel RB270-0

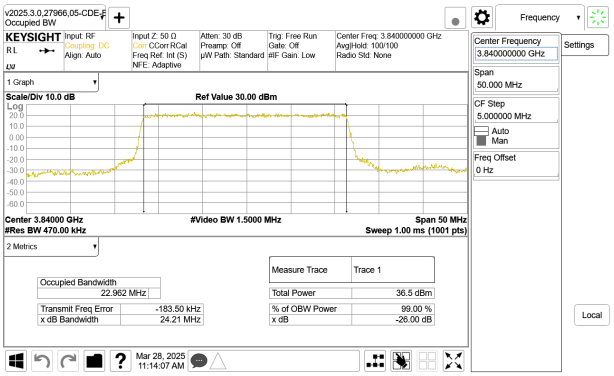
 5G NR n77 100MHz BPSK Middle Channel RB1-0	Intentionally Blank

9.1.2. 5G NR n77 (FCC Part 27 3700-3980MHz)

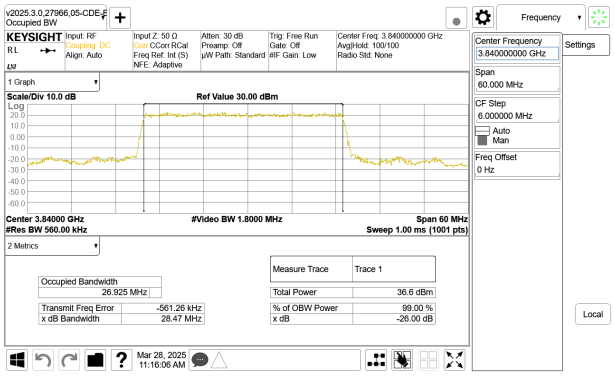
5G NR n77 10MHz BPSK Middle Channel RB24-0

5G NR n77 15MHz BPSK Middle Channel RB36-0

5G NR n77 20MHz BPSK Middle Channel RB50-0



5G NR n77 25MHz BPSK Middle Channel RB64-0



5G NR n77 30MHz BPSK Middle Channel RB75-0

5G NR n77 40MHz BPSK Middle Channel RB100-0

5G NR n77 50MHz BPSK Middle Channel RB128-0

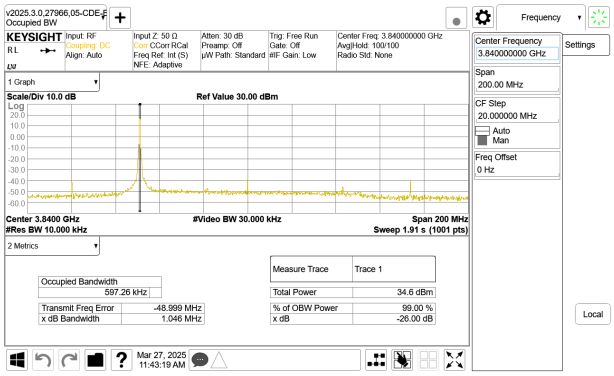
5G NR n77 60MHz BPSK Middle Channel RB162-0

5G NR n77 70MHz BPSK Middle Channel RB180-0

5G NR n77 80MHz BPSK Middle Channel RB216-0

5G NR n77 90MHz BPSK Middle Channel RB243-0

5G NR n77 100MHz BPSK Middle Channel RB270-0

 5G NR n77 100MHz BPSK Middle Channel RB1-0	Intentionally Blank

9.2. EMISSION MASK AND ADJACENT CHANNEL POWER

LIMITS

FCC: §27.53
(n) 3.45 GHz Service. The following emission limits apply to stations transmitting in the 3450-3550 MHz band:

(2) For mobile operations in the 3450-3550 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed −13 dBm/MHz. Compliance with this paragraph (n)(2) is based on the use of measurement instrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 megahertz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed, but limited to a maximum of 200 kHz. In the bands between 1 and 5 MHz removed from the licensee's frequency block, the minimum resolution bandwidth for the measurement shall be 500 kHz. The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

FCC: §27.53
(l) 3.7 GHz Service.The following emission limits apply to stations transmitting in the 3700-3980 MHz band:
(2) For mobile operations in the 3700-3980 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed −13 dBm/MHz. Compliance with this paragraph (l)(2) is based on the use of measurement instrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 megahertz bands immediately outside and adjacent to the licensee's frequency block, the minimum resolution bandwidth for the measurement shall be either one percent of the emission bandwidth of the fundamental emission of the transmitter or 350 kHz. In the bands between 1 and 5 MHz removed from the licensee's frequency block, the minimum resolution bandwidth for the measurement shall be 500 kHz. The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

TEST PROCEDURE

For Spectrum Emission Mask plots, the spectrum analyzer is configured to sweep with a moving integration window, the width of which can be adjusted to different sizes across the sweep. The window width is configured to be greater than or equal to the required reference bandwidth. The center frequencies of the integration window for the different integration windows were set such that the upper and lower edges of the windows are aligned with the transition points in the reference bandwidths. This is achieved by setting the start / stop frequencies of the window with an offset equal to the reference bandwidth / 2 from the transition point.

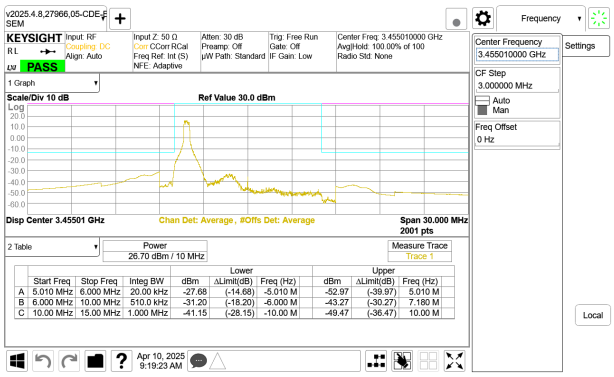
The transmitter output was connected to a base station simulator and configured to operate at maximum power. The band edge emissions were measured at the required operating frequencies in each band on the Spectrum Analyzer.

For each band edge measurement:

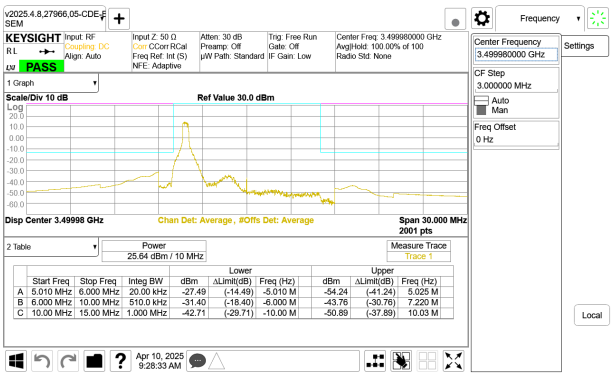
1. Set the spectrum analyzer span to include the block edge frequency.
2. Set a marker to point the corresponding band edge frequency in each test case.
3. Set display line at -13 dBm
4. Set resolution bandwidth to at least 1% of emission bandwidth.

RESULTS

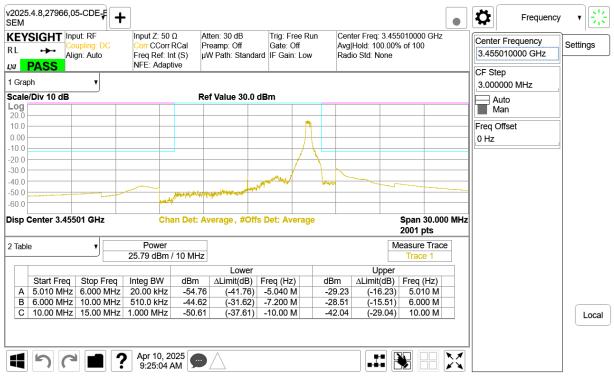
9.2.1. 5G NR n77 (FCC Part 27 3450-3550MHz)



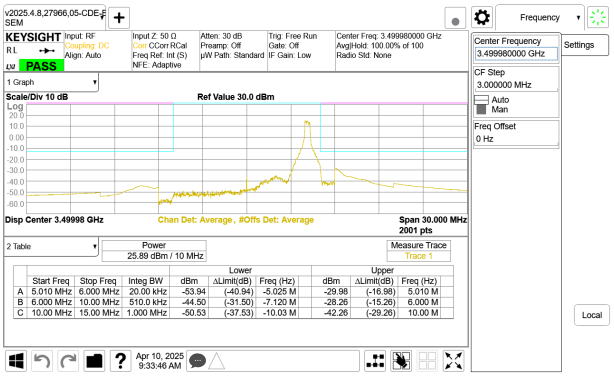
5G NR n77 10MHz BPSK Low Channel RB1-0



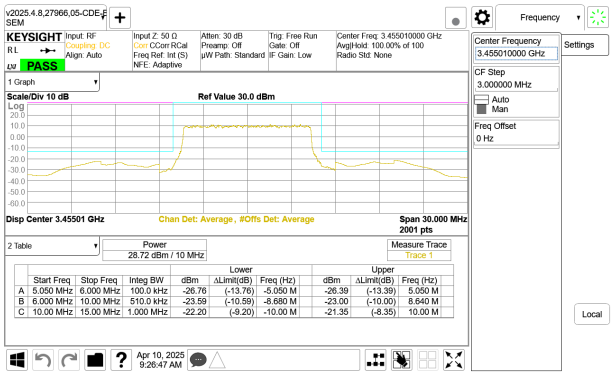
5G NR n77 10MHz BPSK Middle Channel RB1-0



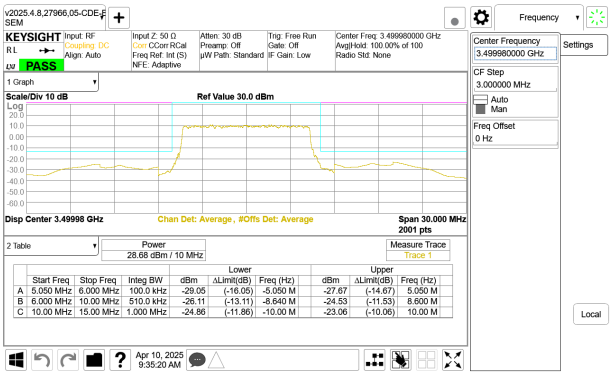
5G NR n77 10MHz BPSK Low Channel RB1-23



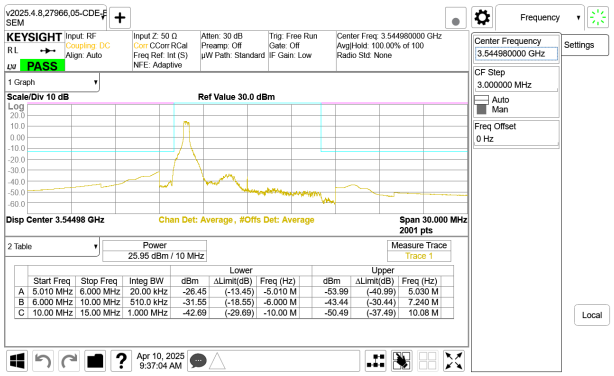
5G NR n77 10MHz BPSK Middle Channel RB1-23



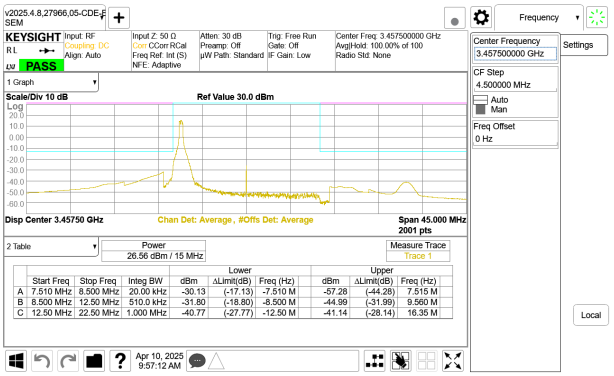
5G NR n77 10MHz BPSK Low Channel RB24-0



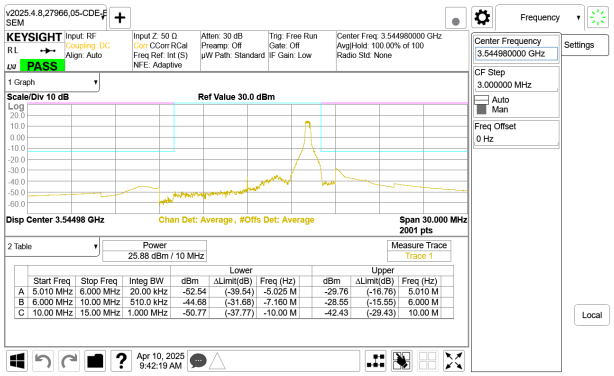
5G NR n77 10MHz BPSK Middle Channel RB24-0



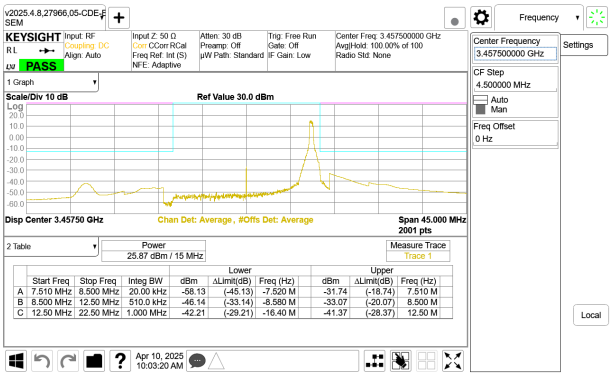
5G NR n77 10MHz BPSK High Channel RB1-0



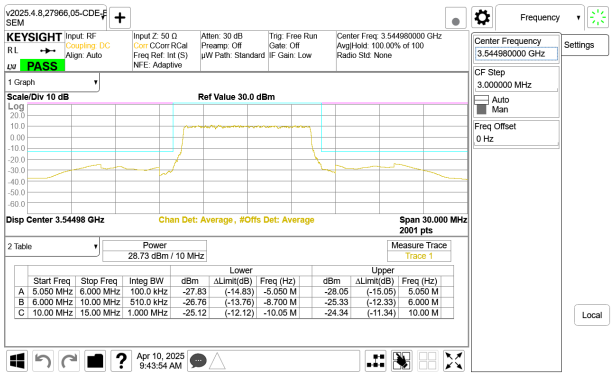
5G NR n77 15MHz BPSK Low Channel RB1-0



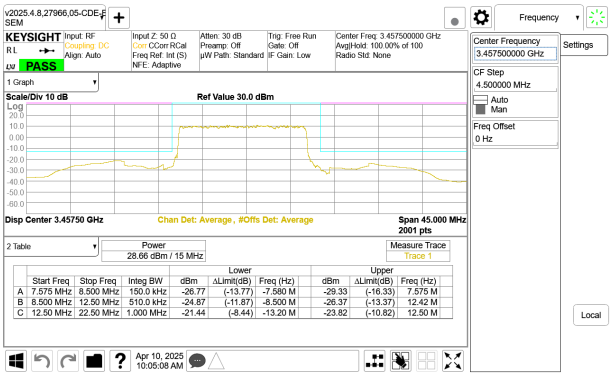
5G NR n77 10MHz BPSK High Channel RB1-23



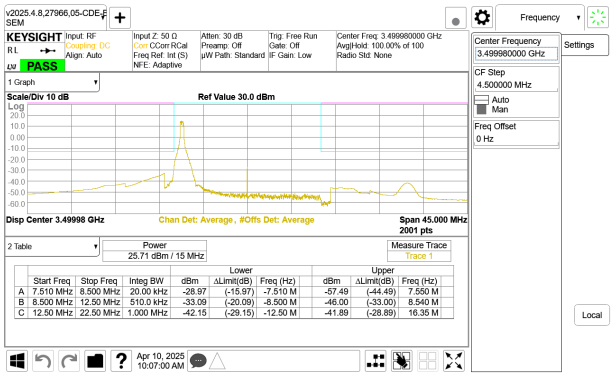
5G NR n77 15MHz BPSK Low Channel RB1-37



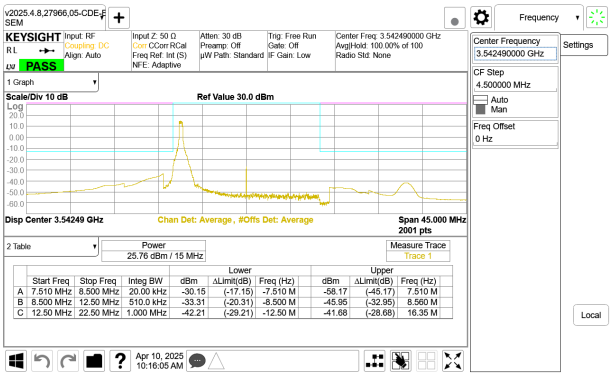
5G NR n77 10MHz BPSK High Channel RB24-0



5G NR n77 15MHz BPSK Low Channel RB36-0



5G NR n77 15MHz BPSK Middle Channel RB1-0



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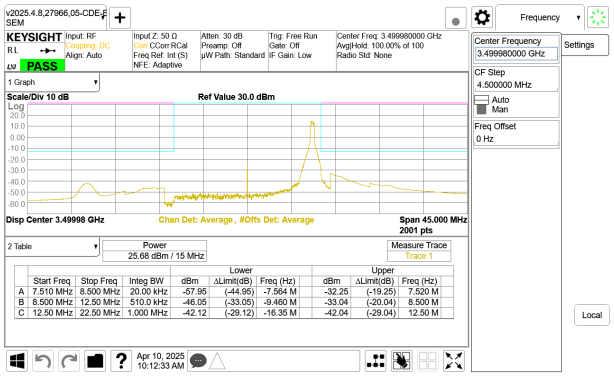

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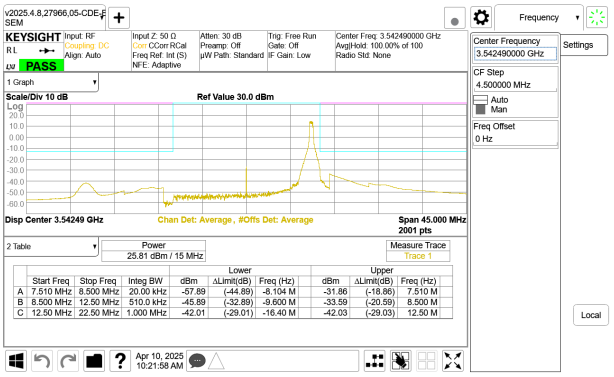
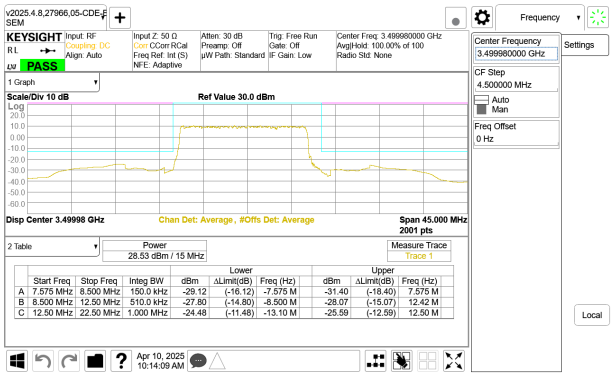
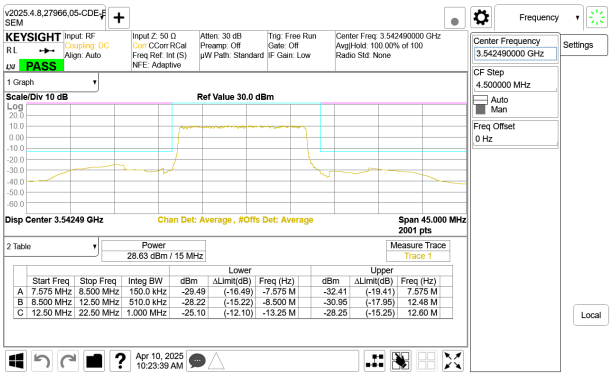


5G NR n77 15MHz BPSK High Channel RB1-37



5G NR n77 15MHz BPSK Middle Channel RB36-0



5G NR n77 15MHz BPSK High Channel RB36-0

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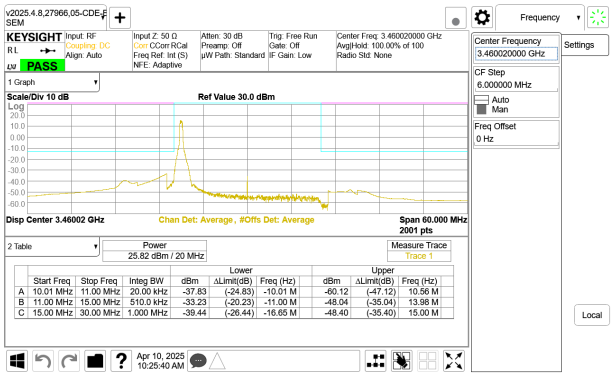
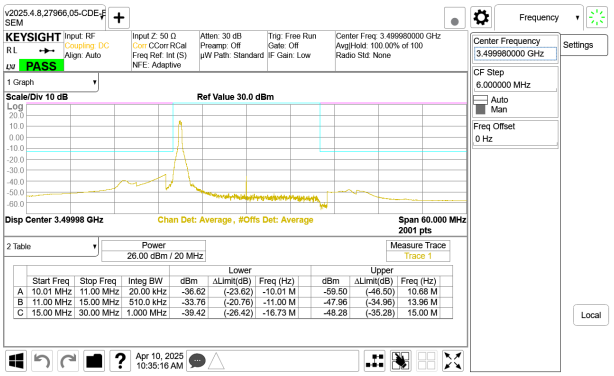
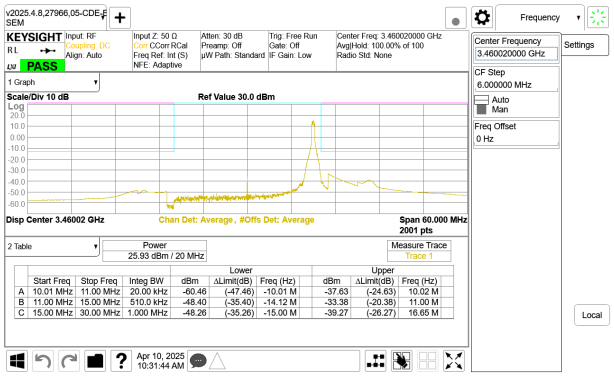


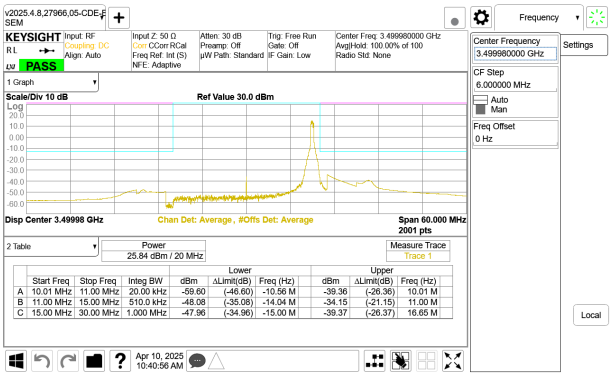
5G NR n77 20MHz BPSK Low Channel RB1-0



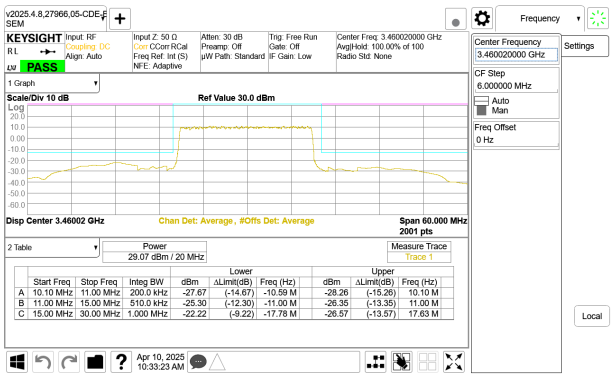
5G NR n77 20MHz BPSK Middle Channel RB1-0



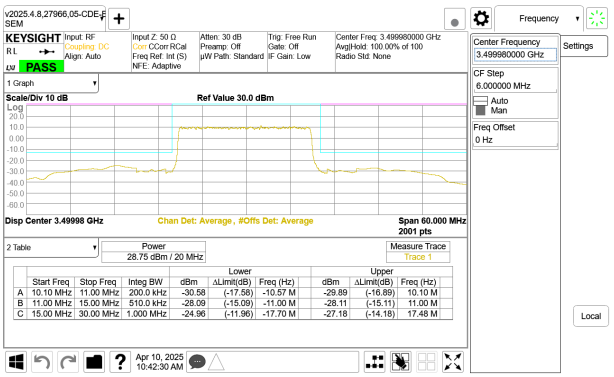
5G NR n77 20MHz BPSK Low Channel RB1-50



5G NR n77 20MHz BPSK Middle Channel RB1-50



5G NR n77 20MHz BPSK Low Channel RB50-0



5G NR n77 20MHz BPSK Middle Channel RB50-0

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