

TEST REPORT

Report Number: 15941282-E20V2

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

Model : A3575

Brand : APPLE

FCC ID : BCG-E9145A

EUT Description : SMARTPHONE

Test Standard(s) : FCC 47 CFR PART 2, PART 27

Date Of Issue:
2025-12-26

Prepared by:
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Revision History

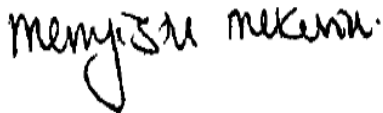
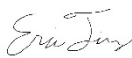
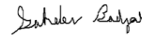
Rev.	Issue Date	Revisions	Revised By
V1	2025-12-17	Initial Review	--
V2	2025-12-26	Addressed TCB Feedback 6.2, 6.4, 6.5, 9.1, 9.5, 10	Andrew Le

TABLE OF CONTENTS

1. ATTESTATION OF TEST RESULTS	5
2. SUMMARY OF TEST RESULTS	6
3. TEST METHODOLOGY	7
4. FACILITIES AND ACCREDITATION	7
5. DECISION RULES AND MEASUREMENT UNCERTAINTY	8
5.1. METROLOGICAL TRACEABILITY	8
5.2. DECISION RULES	8
5.3. MEASUREMENT UNCERTAINTY	8
5.4. SAMPLE CALCULATION.....	8
6. EQUIPMENT UNDER TEST	9
6.1. DESCRIPTION OF EUT	9
6.2. MAXIMUM OUTPUT POWER.....	9
6.3. SOFTWARE AND FIRMWARE	12
6.4. MAXIMUM ANTENNA GAIN AND MAXIMUM ALLOWED OUTPUT POWER	12
6.5. WORST-CASE CONFIGURATION AND MODE	13
6.6. DESCRIPTION OF TEST SETUP.....	14
7. TEST AND MEASUREMENT EQUIPMENT	16
8. RF OUTPUT POWER MEASUREMENTS	17
8.1. 5G NR n77 (FCC Part 27 3450-3550MHz)	18
8.2. 5G NR n77 (FCC Part 27 3700-3980MHz)	24
9. CONDUCTED TEST RESULTS.....	30
9.1. OCCUPIED BANDWIDTH.....	30
9.1.1. 5G NR n77 (FCC Part 27 3450-3550MHz)	33
9.1.2. 5G NR n77 (FCC Part 27 3700-3980MHz)	36
9.2. EMISSION MASK AND ADJACENT CHANNEL POWER	39
9.2.1. 5G NR n77 (FCC Part 27 3450-3550MHz)	41
9.2.2. 5G NR n77 (FCC Part 27 3700-3980MHz)	58
9.3. OUT OF BAND EMISSIONS.....	76
9.3.1. 5G NR n77 (FCC Part 27 3450-3550MHz)	77
9.3.2. 5G NR n77 (FCC Part 27 3700-3980MHz)	78

9.4.	FREQUENCY STABILITY	79
9.4.1.	5G NR n77 (BPSK 100MHz BANDWIDTH, FCC Part 27 3450-3550MHz).....	80
9.4.2.	5G NR n77 (BPSK 100MHz BANDWIDTH, FCC Part 27 3700-3980MHz).....	80
9.5.	PEAK-TO-AVERAGE POWER RATIO	81
9.5.1.	5G NR n77 (FCC Part 27 3450-3550MHz)	82
9.5.2.	5G NR n77 (FCC Part 27 3700-3980MHz)	83
10.	RADIATED TEST RESULTS	84
10.1.	FIELD STRENGTH OF SPURIOUS RADIATION	88
10.1.1.	5G NR n77 (FCC Part 27 3450-3550MHz).....	89
10.1.2.	5G NR n77 (FCC Part 27 3700-3980MHz).....	91
11.	SETUP PHOTOS	95

1. ATTESTATION OF TEST RESULTS

Applicant Name and Address	APPLE, INC 1 APPLE PARK WAY CUPERTINO, CA 95014, U.S.A.	
Model	A3575	
Brand	APPLE	
FCC ID	BCG-E9145A	
EUT Description	SMARTPHONE	
Serial Number	RADIATED: LC6LHVFKXR, PL6HC41W00 CONDUCTED: C07HJ00001H00016M2, C07HM3000MK00016LY, C07HM3000Q500016LY	
Sample Receipt Date	2025-07-29	
Date Tested	2025-08-12 to 2025-12-26	
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 Engineer UL Verification Services Inc.	Eric Ting Senior Test Engineer UL Verification Services Inc.	Sahdev Badyal 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 and type (see section 6.4.)

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

3. TEST METHODOLOGY

The tests documented in this report were performed in accordance with the following.
FCC published lists of [measurement procedures](#) for compliance testing

- 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
- [FCC KDB 662911 D01](#): Multiple Transmitter Output

4. FACILITIES AND ACCREDITATION

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

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

5. DECISION RULES AND MEASUREMENT UNCERTAINTY

5.1. METROLOGICAL TRACEABILITY

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

5.2. DECISION RULES

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

5.3. MEASUREMENT UNCERTAINTY

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

PARAMETER	U _{Lab}
Conducted Antenna Port Emission Measurement	1.940 dB
Power Spectral Density	2.466 dB
Time Domain Measurements Using SA	3.39 %
RF Power Measurement Direct Method Using Power Meter	0.450 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

6. EQUIPMENT UNDER TEST

6.1. DESCRIPTION OF EUT

The Apple iPhone is a smartphone with GSM, GPRS, EGPRS, WCDMA, LTE, 5G NR1, IEEE 802.11a/b/g/n/ac/ax, Bluetooth (BT), Global Positioning System (GPS), Near-Field Communication (NFC) and Mobile Satellite Service (MSS) technologies. The rechargeable battery is not user accessible. This device is not user-serviceable and requires special tools to disassemble

6.2. MAXIMUM OUTPUT POWER

EIRP/ERP TEST PROCEDURE

ANSI C63.26:2015
KDB 971168 D01 Section 5.6

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

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

PMeas = measured transmitter output power or PSD, in dBm or dBW;

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

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

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

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

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

Part 27									
EIRP Limit (W)		1.00							
Antenna Gain (dBi) Ant9		-0.70							
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	28.00	0.631	8.651	8651	8M65G7W
	QPSK			28.61	27.91	0.618	8.604	8604	8M60G7W
	16QAM			27.90	27.20	0.525	8.671	8671	8M67D7W
15.0	BPSK	3457.5	3542.5	28.70	28.00	0.631	12.941	12941	12M9G7W
	QPSK			28.62	27.92	0.619	12.918	12918	12M9G7W
	16QAM			27.90	27.20	0.525	12.928	12928	12M9D7W
20.0	BPSK	3460.0	3540.0	28.70	28.00	0.631	17.947	17947	17M9G7W
	QPSK			28.64	27.94	0.622	17.922	17922	17M9G7W
	16QAM			27.89	27.19	0.524	17.964	17964	18M0D7W
25.0	BPSK	3462.5	3537.5	28.70	28.00	0.631	22.942	22942	22M9G7W
	QPSK			28.64	27.94	0.622	22.925	22925	22M9G7W
	16QAM			27.89	27.19	0.524	23.003	23003	23M0D7W
30.0	BPSK	3465.0	3535.0	28.70	28.00	0.631	26.923	26923	26M9G7W
	QPSK			28.65	27.95	0.624	26.906	26906	26M9G7W
	16QAM			27.89	27.19	0.524	26.971	26971	27M0D7W
40.0	BPSK	3470.0	3530.0	28.70	28.00	0.631	35.898	35898	35M9G7W
	QPSK			28.68	27.98	0.628	35.822	35822	35M8G7W
	16QAM			27.89	27.19	0.524	35.886	35886	35M9D7W
50.0	BPSK	3475.0	3525.0	28.70	28.00	0.631	45.869	45869	45M9G7W
	QPSK			28.63	27.93	0.621	45.724	45724	45M7G7W
	16QAM			27.89	27.19	0.524	45.916	45916	45M9D7W
60.0	BPSK	3480.0	3520.0	28.70	28.00	0.631	58.126	58126	58M1G7W
	QPSK			28.67	27.97	0.627	57.840	57840	57M8G7W
	16QAM			27.89	27.19	0.524	58.070	58070	58M1D7W
70.0	BPSK	3485.0	3515.0	28.70	28.00	0.631	64.684	64684	64M7G7W
	QPSK			28.66	27.96	0.625	64.335	64335	64M3G7W
	16QAM			27.90	27.20	0.525	64.629	64629	64M6D7W
80.0	BPSK	3490.0	3510.0	28.70	28.00	0.631	77.505	77505	77M5G7W
	QPSK			28.70	28.00	0.631	77.354	77354	77M4G7W
	16QAM			27.90	27.20	0.525	77.510	77510	77M5D7W
90.0	BPSK	3495.0	3505.0	28.70	28.00	0.631	87.039	87039	87M0G7W
	QPSK			28.68	27.98	0.628	86.984	86984	87M0G7W
	16QAM			27.87	27.17	0.521	87.108	87108	87M1D7W
100.0	BPSK	3500.0	3500.0	28.70	28.00	0.631	96.730	96730	96M7G7W
	QPSK			28.62	27.92	0.619	96.698	96698	96M7G7W
	16QAM			27.90	27.20	0.525	96.757	96757	96M8D7W

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

Part 27									
EIRP Limit (W)		1.00							
Antenna Gain (dBi) Ant9		-1.20							
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	27.50	0.562	8.608	8608.1	8M61G7W
	QPSK			28.69	27.49	0.561	8.604	8603.9	8M60G7W
	16QAM			27.90	26.70	0.468	8.651	8651.4	8M65D7W
15.0	BPSK	3707.5	3972.5	28.70	27.50	0.562	12.923	12923	12M9G7W
	QPSK			28.63	27.43	0.553	12.912	12912	12M9G7W
	16QAM			27.86	26.66	0.463	12.949	12949	12M9D7W
20.0	BPSK	3710.0	3970.0	28.70	27.50	0.562	17.925	17925	17M9G7W
	QPSK			28.67	27.47	0.558	17.926	17926	17M9D7W
	16QAM			27.89	26.69	0.467	17.930	17930	17M9D7W
25.0	BPSK	3712.5	3967.5	28.70	27.50	0.562	22.962	22962	23M0G7W
	QPSK			28.61	27.41	0.551	22.956	22956	23M0G7W
	16QAM			27.88	26.68	0.466	23.009	23009	23M0D7W
30.0	BPSK	3715.0	3965.0	28.70	27.50	0.562	26.922	26922	26M9G7W
	QPSK			28.68	27.48	0.560	26.919	26919	26M9G7W
	16QAM			27.89	26.69	0.467	26.982	26982	27M0D7W
40.0	BPSK	3720.0	3960.0	28.70	27.50	0.562	35.902	35902	35M9G7W
	QPSK			28.67	27.47	0.558	35.820	35820	35M8G7W
	16QAM			27.89	26.69	0.467	35.876	35876	35M9D7W
50.0	BPSK	3725.0	3955.0	28.70	27.50	0.562	45.778	45778	45M8G7W
	QPSK			28.64	27.44	0.555	45.695	45695	45M7G7W
	16QAM			27.90	26.70	0.468	45.925	45925	45M9D7W
60.0	BPSK	3730.0	3950.0	28.70	27.50	0.562	58.019	58019	58M0G7W
	QPSK			28.70	27.50	0.562	57.888	57888	57M9G7W
	16QAM			27.89	26.69	0.467	58.111	58111	58M1D7W
70.0	BPSK	3735.0	3945.0	28.70	27.50	0.562	64.451	64451	64M5G7W
	QPSK			28.70	27.50	0.562	64.391	64391	64M4G7W
	16QAM			27.89	26.69	0.467	64.626	64626	64M6D7W
80.0	BPSK	3740.0	3940.0	28.70	27.50	0.562	77.365	77365	77M4G7W
	QPSK			28.68	27.48	0.560	77.157	77157	77M2G7W
	16QAM			27.86	26.66	0.463	77.390	77390	77M4D7W
90.0	BPSK	3745.0	3935.0	28.70	27.50	0.562	86.843	86843	86M8G7W
	QPSK			28.67	27.47	0.558	86.653	86653	86M7G7W
	16QAM			27.88	26.68	0.466	86.785	86785	86M8D7W
100.0	BPSK	3750.0	3930.0	28.70	27.50	0.562	96.633	96633	96M6G7W
	QPSK			28.67	27.47	0.558	96.450	96450	96M5G7W
	16QAM			27.89	26.69	0.467	96.442	96442	96M4D7W

6.3. SOFTWARE AND FIRMWARE

The EUT firmware installed during testing was version 2.00.60-7.

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	-1.90	25.00	23.10
		ANT7	-2.40	28.70	26.30
		ANT8	-4.80	26.50	21.70
		ANT9	-0.70	28.70	28.00
5G NR n77	3700 – 3980	ANT4	-4.30	25.00	20.70
		ANT7	-5.30	28.70	23.40
		ANT8	-0.90	26.50	25.60
		ANT9	-1.20	28.70	27.50

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 9

The EUT was investigated in three orthogonal orientations X/Y/Z on all available 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	ANT4	ANT7
3300 – 3980 MHz	Y	X	Y	Y

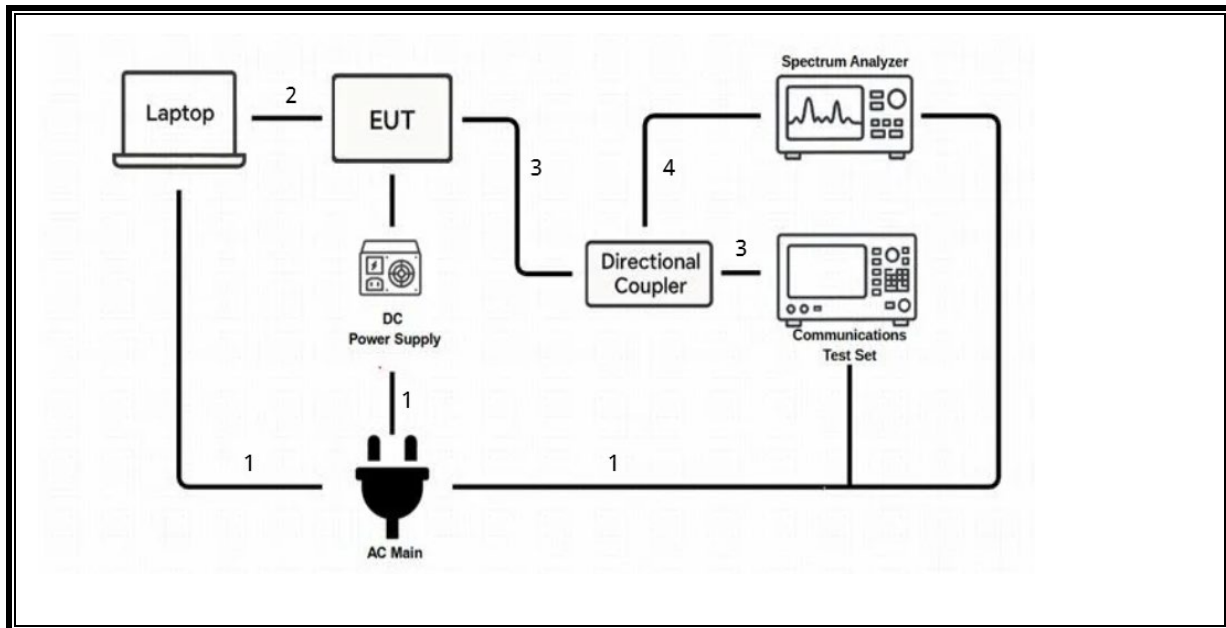
Radiated spurious emissions were investigated from 9kHz to 30MHz, 30MHz-1GHz and above 1GHz. There were no emissions found with less than 20dB of margin from 9kHz to 30MHz, 30MHz-1GHz and above 18GHz.

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

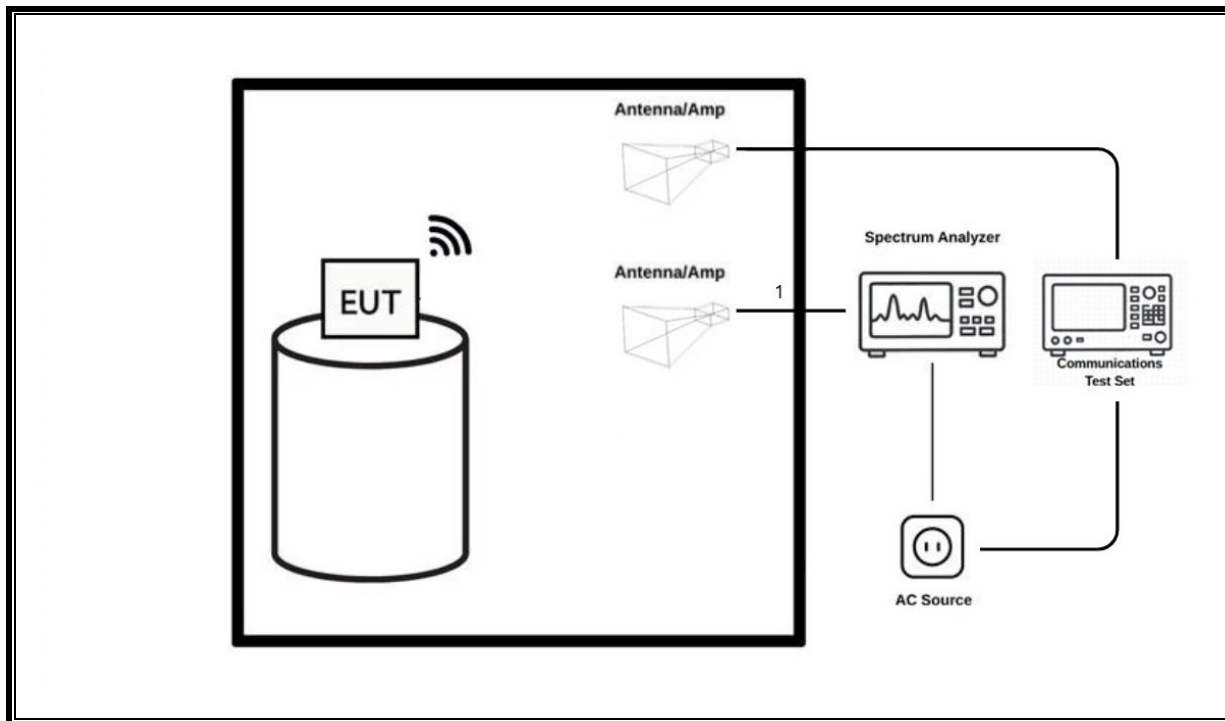
6.6. DESCRIPTION OF TEST SETUP

SUPPORT TEST EQUIPMENT						
Description	Manufacturer	Model	Serial Number	FCC ID/ DoC		
Laptop	Apple	MacBook Pro	F5JJ42D7R9	BCGA1708		
Laptop	Apple	MacBook Pro	JWV2QWM0DT	BCGA2338		
Laptop	Apple	MacBook Pro	FG6Q9RW54Y	BCGA2338		
Laptop	Apple	MacBook Pro	XC2KF6F2D7	BCGA2338		
Laptop	Apple	MacBook Pro	YWCT4V933R	BCGA2338		
Laptop	Apple	MacBook Pro	HRP127004	BCGA2338		
AC/DC adapter	Apple	A1718	C4H64450HH3GN8RA6	--		
AC/DC adapter	Apple	A2130	F16H69002MD000000P	--		
AC/DC adapter	Apple	A1555 P	XQ76XLCJ2D	--		
I/O CABLES (RF CONDUCTED TEST)						
Cable No.	Port	# of Identical Ports	Connector Type	Cable Type	Cable Length (m)	Remarks
1	AC	3	US 115V	Un-shielded	2.0	N/A
2	USB	1	DC	Shielded	1.0	N/A
3	RF In/Out	2	SMA	Shielded	0.9	N/A
4	RF In/Out	1	Barrel	Shielded	N/A	N/A
I/O CABLES (RF RADIATED TEST)						
Cable No.	Port	# of Identical Ports	Connector Type	Cable Type	Cable Length (m)	Remarks
1	RF In/Out	1	SMA	Shielded	5.0	N/A

CONDUCTED SETUP



RADIATED STUP



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	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	2026-09-30
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	2026-09-30
Antenna, Passive Loop 100KHz - 30MHz	ELECTRO-METRICS	EM-6872	170015	2026-09-30
Antenna, Horn 18 to 26.5GHz	A.R.A.	MWH-1826/B	172353	2026-07-31
Link File, RF Amplifier Assembly, 18-26.5GHz, 60dB Gain	AMPLICAL	AMP18G26.5-60	220194	2026-04-29
Antenna, Horn 26.5-40GHz	A.R.A.	MWH-2640/B	81105	2027-10-31
Link File, RF Amplifier Assembly, 26.5-40GHz, 65dB Gain	Ampical	AMP26G40-65	220193	2026-04-30
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	Keysight Technologies Inc	N9030B	262734	2026-04-30
Wideband Communication Call Box	Rohde & Schwarz	CMW500	230298	2026-02-28
Wideband Communication Call Box	Rohde & Schwarz	CMW500	85943	2026-02-28
Wideband Communication Call Box	Rohde & Schwarz	CMW500	262742	2027-02-11
Wideband Communication Call Box	Rohde & Schwarz	CMW500	262741	2027-02-11
Conducted Switch Box	N/A	CSB	221008	2026-04-30
Conducted Switch Box	N/A	CSB	262354	2026-04-30
Filter, BRF 3400-3800MHz, 18GHz max	Micro-Tronics	BRM50711	217364	2026-11-24
Filter, BRF 2305-2315	Micro-Tronics	BRC20553	224186	2026-06-29
Directional Coupler	KRYTAR	152610	254457	2026-09-04
Directional Coupler	KRYTAR	101040010K	254458	2026-09-04
Power Meter, P-series single channel	Keysight Technologies Inc	N1911A	90718	2026-03-31
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	2026-05-31
UL AUTOMATION SOFTWARE				
Conducted Software	UL	Antenna Port	Ver.2022.8.16	
Conducted Software	UL	Station Tool	Ver. 6.1, 9.0	
Radiated Software	UL	UL EMC	Ver 9.5, May 1, 2023	

NOTES:

- * Testing is completed before equipment expiration date.

8. RF OUTPUT POWER MEASUREMENTS

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.

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

Test Engineer ID:	32188	Test Date:	2025-08-21
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OUTPUT POWER FOR 5G NR n77 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 9			ANT 4			ANT 7			ANT 8		
				630333	633332	636333	630333	633332	636333	630333	633332	636333	630333	633332	636333
10.0	BPSK	1	0	3455.0	3500.0	3545.0	3455.0	3500.0	3545.0	3455.0	3500.0	3545.0	3455.0	3500.0	3545.0
		1	0	25.46	24.64	24.81	22.77	22.69	22.66	25.29	25.40	24.81	23.12	23.31	23.29
		1	1	28.13	28.28	28.19	24.86	24.88	24.91	28.52	28.67	28.30	26.35	26.46	26.40
		1	22	28.25	28.06	28.19	24.90	24.74	24.83	28.55	28.51	28.36	26.38	26.42	26.47
		1	23	24.71	24.59	24.70	22.59	22.52	22.65	25.29	25.29	24.89	23.11	23.21	23.20
		12	6	28.70	28.70	28.70	24.99	24.98	24.96	28.64	28.64	28.70	26.37	26.50	26.44
	QPSK	24	0	28.22	28.13	28.25	25.00	25.00	25.00	28.70	28.70	28.46	26.50	26.49	26.50
		1	0	24.70	24.62	24.66	22.55	22.65	22.64	25.26	25.27	24.77	23.03	23.28	23.19
		1	1	27.85	28.06	28.05	24.80	24.87	24.90	28.50	28.50	28.26	26.17	26.40	26.34
		1	22	27.94	27.96	28.09	24.82	24.73	24.82	28.50	28.50	28.27	26.34	26.33	26.30
		1	23	24.69	24.51	24.63	22.57	22.41	22.51	25.28	25.27	24.86	23.04	23.20	23.16
		12	6	28.51	28.56	28.61	24.94	24.91	24.94	28.59	28.53	28.59	26.29	26.41	26.35
	16QAM	24	0	27.74	27.73	27.75	24.94	24.93	24.93	28.36	28.40	27.97	26.16	26.24	26.14
		1	0	25.22	25.32	25.38	22.49	22.60	22.56	25.23	25.24	25.34	23.08	23.17	23.05
		1	1	27.80	27.71	27.87	24.75	24.79	24.78	27.87	27.70	27.90	25.62	25.56	25.58
		1	22	27.74	27.72	27.90	24.71	24.61	24.55	27.77	27.83	27.70	25.65	25.64	25.53
		1	23	25.34	25.28	25.29	22.56	22.39	22.50	25.25	25.21	25.34	23.14	23.19	23.09
		12	6	27.75	27.79	27.78	24.84	24.90	24.90	28.34	28.32	27.94	26.15	26.21	26.20
	64QAM	24	0	26.76	26.74	26.81	24.69	24.63	24.70	27.35	27.38	26.99	25.14	25.28	25.18
		1	0	25.34	25.36	25.38	22.23	22.50	22.47	25.25	25.27	25.23	23.12	23.10	23.13
		1	1	26.20	26.26	26.34	23.52	23.64	23.60	26.21	26.39	26.27	24.25	24.50	24.19
		1	22	26.21	26.21	26.38	23.57	23.35	23.43	26.35	26.31	26.30	24.32	24.44	24.24
		1	23	25.26	25.25	25.26	22.49	22.36	22.48	25.30	25.32	25.37	23.07	23.22	23.00
		12	6	26.68	26.80	26.76	24.12	24.10	24.10	26.85	26.91	26.58	24.75	24.82	24.72
	256QAM	24	0	26.85	26.85	26.96	24.17	24.27	24.22	27.04	27.00	26.79	24.82	24.89	24.93
		1	0	24.81	24.86	24.77	21.87	21.85	21.63	24.58	24.34	24.36	22.30	22.49	22.47
		1	1	24.63	24.90	24.67	21.65	21.67	21.69	24.47	24.30	24.38	22.49	22.49	22.24
		1	22	24.71	24.65	24.71	21.70	21.74	21.65	24.46	24.34	24.47	22.51	22.41	22.39
		1	23	24.65	24.72	24.82	21.70	21.62	21.77	24.50	24.32	24.43	22.54	22.47	22.36
		12	6	25.15	25.30	25.22	22.17	22.18	22.23	24.99	24.79	24.82	22.88	22.92	22.90
		24	0	25.15	25.32	25.27	22.16	22.24	22.27	25.11	24.85	24.90	22.97	22.95	23.00

OUTPUT POWER FOR 5G NR n77 (15.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 9			ANT 4			ANT 7			ANT 8		
				630500	633332	636166	630500	633332	636166	630500	633332	636166	630500	633332	636166
15.0	BPSK	1	0	3457.5	3500.0	3542.5	3457.5	3500.0	3542.5	3457.5	3500.0	3542.5	3457.5	3500.0	3542.5
		1	0	24.75	24.81	24.71	22.50	22.73	22.85	24.86	24.92	24.90	23.06	23.31	23.26
		1	1	28.32	28.28	28.11	25.00	24.96	24.84	28.48	28.34	28.41	26.29	26.50	26.45
		1	36	28.13	28.19	28.16	24.76	24.88	24.87	28.50	28.32	28.53	26.50	26.35	26.50
		1	37	24.82	24.66	24.73	22.55	22.51	22.61	24.79	24.79	24.89	23.28	23.19	23.31
		18	9	28.70	28.70	28.70	24.84	25.00	25.00	28.70	28.70	28.70	26.39	26.49	26.45
	QPSK	36	0	28.14	28.20	28.24	24.77	24.95	24.95	28.35	28.37	28.33	26.35	26.36	26.46
		1	0	24.70	24.79	24.61	22.50	22.65	22.76	24.85	24.82	24.83	23.06	23.23	23.24
		1	1	27.98	28.14	28.06	24.77	24.87	24.75	28.23	28.26	28.22	26.19	26.48	26.39
		1	36	28.12	28.14	28.11	24.73	24.77	24.83	28.31	28.23	28.40	26.27	26.32	26.37
		1	37	24.77	24.62	24.72	22.52	22.47	22.54	24.73	24.72	24.83	23.08	23.13	23.28
		18	9	28.50	28.57	28.62	24.71	24.92	24.92	28.59	28.59	28.59	26.21	26.36	26.37
	16QAM	36	0	27.67	27.79	27.75	24.74	24.88	24.90	27.91	27.91	27.95	26.03	26.14	26.22
		1	0	25.38	25.26	25.22	22.47	22.58	22.66	25.33	25.30	25.32	23.12	23.22	23.21
		1	1	27.74	27.88	27.79	24.61	24.65	24.62	27.70	27.84	27.75	25.52	25.60	25.50
		1	36	27.85	27.79	27.90	24.63	24.71	24.58	27.73	27.86	27.76	25.51	25.57	25.58
		1	37	25.33	25.34	25.25	22.42	22.40	22.51	25.33	25.20	25.25	23.08	23.07	23.15
		18	9	27.73	27.80	27.71	24.61	24.82	24.80	27.95	27.95	28.00	26.15	26.23	26.29
	64QAM	36	0	26.71	26.79	26.75	24.56	24.67	24.62	26.89	26.84	26.95	25.13	25.18	25.17
		1	0	25.39	25.21	25.25	22.36	22.46	22.44	25.21	25.30	25.24	23.06	23.18	23.16
		1	1	26.34	26.38	26.39	23.37	23.66	23.56	26.38	26.40	26.35	24.21	24.24	24.40
		1	36	26.24	26.30	26.22	23.42	23.54	23.41	26.40	26.25	26.32	24.31	24.51	24.20
		1	37	25.24	25.31	25.40	22.40	22.25	22.30	25.22	25.25	25.27	23.04	23.12	23.14
		18	9	26.62	26.80	26.73	23.96	24.01	24.08	26.51	26.51	26.59	24.75	24.75	24.80
	256QAM	36	0	26.77	26.85	26.82	23.98	24.11	23.49	26.60	26.62	26.70	24.77	24.84	24.85
		1	0	24.62	24.87	24.52	21.48	21.72	21.05	24.26	24.36	24.35	22.43	22.53	22.52
		1	1	24.56	24.98	24.72	21.45	21.64	21.16	24.25	24.25	24.46	22.38	22.40	22.46
		1	36	24.70	24.69	24.62	21.59	21.61	21.02	24.23	24.21	24.49	22.36	22.62	22.34
		1	37	24.66	24.72	24.77	21.71	21.46	20.78	24.23	24.58	24.47	22.38	22.62	22.35
		18	9	25.20	25.35	25.22	22.03	22.07	21.51	24.72	24.75	24.91	22.92	22.99	22.92
		36	0	25.13	25.31	25.19	22.03	22.10	21.50	24.72	24.75	24.85	22.90	22.90	22.92

OUTPUT POWER FOR 5G NR n77 (20.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 9			ANT 4			ANT 7			ANT 8		
				630666	633332	635998	630666	633332	635998	630666	633332	635998	630666	633332	635998
20.0	BPSK	1	0	3460.0	3500.0	3540.0	3460.0	3500.0	3540.0	3460.0	3500.0	3540.0	3460.0	3500.0	3540.0
		1	1	24.92	24.74	24.41	20.97	21.12	20.90	24.84	24.98	24.75	23.27	23.11	23.31
		1	1	28.19	28.16	27.82	24.48	24.43	24.50	28.36	28.36	28.23	26.49	26.50	26.25
		1	49	28.30	28.15	28.70	24.49	24.32	24.53	28.21	28.26	28.40	26.42	25.97	26.50
		1	50	24.84	24.56	24.63	20.98	21.08	21.06	24.82	24.92	24.87	23.41	22.78	23.15
		25	12	28.70	28.70	28.55	25.00	25.00	25.00	28.70	28.70	28.70	26.50	26.05	26.38
	QPSK	50	0	28.25	28.21	28.07	24.50	24.45	24.52	28.43	28.39	28.42	26.48	26.02	26.34
		1	0	24.73	24.71	24.24	20.96	20.96	20.89	24.81	24.88	24.75	23.23	22.79	22.98
		1	1	28.10	28.16	27.80	24.34	24.43	24.41	28.20	28.27	28.11	26.41	26.11	26.15
		1	49	28.24	28.08	28.03	24.42	24.29	24.32	28.20	28.25	28.30	26.35	25.91	26.30
		1	50	24.83	24.51	24.51	20.98	20.88	20.97	24.74	24.76	24.87	23.22	22.72	23.07
		25	12	28.64	28.64	28.46	24.91	24.93	24.98	28.65	28.63	28.65	26.42	26.03	26.29
	16QAM	50	0	27.65	27.78	27.60	24.03	24.03	24.08	27.93	27.95	27.96	26.22	25.74	26.11
		1	0	25.26	25.30	25.33	21.66	21.64	21.68	25.40	25.40	25.29	23.21	23.12	23.18
		1	1	27.89	27.88	27.86	24.13	24.12	24.09	27.79	27.74	27.80	25.67	25.58	25.50
		1	49	27.75	27.81	27.82	24.14	24.06	24.12	27.86	27.79	27.71	25.60	25.65	25.67
		1	50	25.28	25.25	25.30	21.65	21.55	21.62	25.24	25.27	25.27	23.20	23.20	23.03
		25	12	27.71	27.75	27.79	24.07	24.13	27.89	27.88	27.93	26.26	25.79	26.12	
	64QAM	50	0	26.79	26.81	26.74	23.06	23.01	23.06	26.98	26.95	26.97	25.31	24.79	25.15
		1	0	25.28	25.21	25.27	21.65	21.52	21.66	25.22	25.24	25.40	23.08	23.15	23.10
		1	1	26.24	26.37	26.35	22.59	22.64	22.60	26.21	26.23	26.33	24.38	24.09	24.29
		1	49	26.20	26.34	26.31	22.52	22.63	22.63	26.34	26.34	26.37	24.40	24.15	24.19
		1	50	25.29	25.24	25.40	21.61	21.67	21.53	25.33	25.22	25.38	23.09	23.09	23.03
		25	12	26.73	26.80	26.67	22.71	22.88	22.93	26.55	26.60	26.70	24.82	24.53	24.70
	256QAM	50	0	26.78	26.85	26.71	22.70	22.81	22.89	26.60	26.64	26.68	24.84	24.56	24.76
		1	0	24.73	24.91	24.60	20.58	20.69	20.78	24.35	24.36	24.34	22.41	22.37	22.23
		1	1	24.58	24.98	24.47	20.73	20.75	20.72	24.51	24.42	24.26	22.45	22.32	22.53
		1	49	24.80	24.75	24.87	20.56	20.54	20.57	24.28	24.24	24.48	22.50	22.01	22.44
		1	50	24.78	24.73	24.78	20.79	20.64	20.81	24.25	24.29	24.51	22.42	22.22	22.33
		25	12	25.10	25.28	25.20	21.08	21.13	21.18	24.72	24.79	24.94	22.92	22.74	22.83
		50	0	25.19	25.29	25.19	21.08	21.20	21.23	24.76	24.80	24.92	22.93	22.78	22.82

OUTPUT POWER FOR 5G NR n77 (25.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 9			ANT 4			ANT 7			ANT 8		
				630834	633332	635832	630834	633332	635832	630834	633332	635832	630834	633332	635832
25.0	BPSK	1	0	3462.5	3500.0	3537.5	3462.5	3500.0	3537.5	3462.5	3500.0	3537.5	3462.5	3500.0	3537.5
		1	1	24.74	24.72	24.53	20.92	21.17	20.81	24.85	24.76	24.64	23.33	23.11	23.21
		1	1	27.99	28.18	28.09	24.61	24.45	24.35	28.32	28.29	28.04	26.34	26.43	26.38
		1	63	28.15	28.04	28.16	24.60	24.34	24.65	28.24	28.22	28.34	26.50	26.29	26.40
		1	64	24.68	24.50	24.82	20.98	20.94	21.00	24.70	24.57	24.92	23.04	23.08	23.08
		32	16	28.70	28.70	28.70	25.00	25.00	25.00	28.70	28.70	28.70	26.48	26.50	26.47
	QPSK	64	0	28.19	28.25	28.26	24.57	24.56	24.60	28.42	28.43	28.42	26.45	26.45	26.50
		1	0	24.62	24.58	24.48	20.90	20.87	20.80	24.72	24.70	24.60	23.12	23.10	23.01
		1	1	27.98	28.09	28.05	24.32	24.33	24.21	28.25	28.24	27.98	26.32	26.33	26.18
		1	63	28.06	28.02	28.14	24.41	24.30	24.28	28.14	28.18	28.19	26.28	26.25	26.37
		1	64	24.58	24.48	24.64	20.89	20.81	20.93	24.64	24.54	24.82	23.04	23.02	23.06
		32	16	28.64	28.63	28.62	24.89	24.90	24.94	28.66	28.52	28.60	26.35	26.37	26.41
	16QAM	64	0	27.78	27.82	27.84	24.09	24.09	24.13	27.98	27.97	28.00	26.22	26.19	26.29
		1	0	25.21	25.34	25.40	21.50	21.67	21.51	25.34	25.31	25.40	23.16	23.05	23.01
		1	1	27.85	27.84	27.79	24.05	24.02	24.03	27.84	27.74	27.85	25.70	25.60	25.52
		1	63	27.86	27.89	27.76	24.00	24.05	24.01	27.87	27.83	27.90	25.52	25.57	25.54
		1	64	25.31	25.30	25.22	21.59	21.67	21.50	25.26	25.38	25.22	23.01	23.20	23.06
		32	16	27.74	27.77	27.78	24.06	24.09	24.07	27.92	27.88	27.93	26.18	26.19	26.20
	64QAM	64	0	26.81	26.80	26.80	23.10	23.10	23.17	27.02	26.98	26.95	25.25	25.21	25.24
		1	0	25.24	25.26	25.35	21.65	21.60	21.58	25.28	25.40	25.37	23.15	23.08	23.14
		1	1	26.39	26.39	26.29	22.59	22.55	22.55	26.25	26.26	26.31	24.06	24.09	24.33
		1	63	26.20	26.20	26.23	22.54	22.62	22.56	26.32	26.23	26.30	24.09	24.19	24.27
		1	64	25.36	25.28	25.20	21.61	21.68	21.50	25.24	25.23	25.30	23.05	23.02	23.15
		32	16	26.73	26.78	26.80	22.86	22.84	22.95	26.56	26.62	26.60	24.77	24.77	24.77
	256QAM	64	0	26.84	26.93	26.91	22.94	22.94	23.00	26.71	26.75	26.77	24.92	24.85	24.89
		1	0	24.60	24.94	24.43	20.82	20.81	20.73	24.27	24.36	24.24	22.36	22.57	22.26
		1	1	24.55	24.96	24.22	20.66	20.55	20.68	24.25	24.36	24.46	22.33	22.37	22.21
		1	63	24.68	24.39	24.68	20.78	20.50	20.51	24.28	24.35	24.44	22.41	22.36	22.52
		1	64	24.78	24.53	24.57	20.56	20.69	20.71	24.57	24.28	24.36	22.34	22.33	22.38
		32	16	25.17	25.24	25.24	21.16	21.15	21.26	24.79	24.83	24.90	22.89	22.92	22.86
		64	0	25.23	25.34	25.28	21.19	21.18	21.26	24.83	24.87	24.96	22.95	22.90	22.94

OUTPUT POWER FOR 5G NR n77 (30.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 9			ANT 4			ANT 7			ANT 8		
				631000	633332	635666	631000	633332	635666	631000	633332	635666	631000	633332	635666
30.0	BPSK	1	0	3465.0	3500.0	3535.0	3465.0	3500.0	3535.0	3465.0	3500.0	3535.0	3465.0	3500.0	3535.0
		1	1	25.00	24.67	24.63	21.54	21.05	20.97	24.91	24.81	24.48	22.66	22.66	22.67
		1	1	28.12	28.19	28.06	24.94	24.55	24.34	28.70	28.27	28.05	25.95	26.08	26.00
		1	76	28.27	28.04	28.23	25.00	24.39	24.47	28.52	28.09	28.30	25.98	25.94	26.06
		1	77	24.82	24.65	24.75	21.38	20.90	21.15	25.11	24.63	24.82	22.57	22.57	22.63
		36	18	28.70	28.70	28.70	24.89	25.00	25.00	28.50	28.70	28.70	26.50	26.50	26.50
	QPSK	75	0	28.20	28.17	28.21	24.35	24.46	24.46	27.99	28.16	28.20	26.05	25.99	26.04
		1	0	24.68	24.65	24.51	20.91	20.98	20.88	24.90	24.72	24.44	22.56	22.63	22.57
		1	1	28.00	28.12	28.05	24.59	24.54	24.33	28.05	28.19	27.96	25.79	25.97	25.81
		1	76	28.15	28.03	28.21	24.45	24.34	24.39	27.74	28.02	28.24	25.76	25.89	25.99
		1	77	24.78	24.61	24.73	20.98	20.87	20.90	24.33	24.58	24.80	22.57	22.42	22.55
		36	18	28.64	28.65	28.62	24.86	24.98	24.94	28.44	28.64	28.60	26.44	26.47	26.46
	16QAM	75	0	27.75	27.69	27.75	23.94	24.05	24.04	27.55	27.72	27.72	25.42	25.53	25.49
		1	0	25.38	25.32	25.29	21.66	21.66	21.54	25.34	25.30	25.27	23.04	23.12	23.11
		1	1	27.82	27.81	27.77	24.17	24.03	24.17	27.78	27.85	27.89	25.51	25.62	25.64
		1	76	27.86	27.89	27.88	24.19	24.00	24.08	27.90	27.84	27.87	25.67	25.62	25.50
		1	77	25.37	25.32	25.22	21.50	21.61	21.64	25.27	25.31	25.28	23.06	23.14	23.10
		36	18	27.71	27.75	27.71	24.00	24.08	24.08	27.83	27.72	27.78	25.54	25.52	25.56
	64QAM	75	0	26.72	26.73	26.75	23.10	23.02	23.01	26.76	26.75	26.74	24.67	24.59	24.58
		1	0	25.31	25.27	25.31	21.50	21.70	21.68	25.24	25.20	25.20	23.05	23.09	23.18
		1	1	26.28	26.38	26.27	22.54	22.58	22.63	26.35	26.27	26.39	24.00	24.08	24.02
		1	76	26.29	26.24	26.26	22.68	22.54	22.52	26.25	26.27	26.29	24.05	24.12	24.05
		1	77	25.26	25.29	25.25	21.53	21.70	21.59	25.28	25.21	25.25	23.07	23.17	23.01
		36	18	26.74	26.79	26.78	22.67	22.62	22.65	26.20	26.45	26.41	24.25	24.28	24.28
	256QAM	75	0	26.74	26.80	26.81	22.53	22.57	22.64	26.24	26.49	26.40	24.28	24.31	24.34
		1	0	24.49	24.61	24.48	20.69	20.80	20.55	24.41	24.34	24.28	22.37	22.27	22.03
		1	1	24.49	24.73	24.50	20.87	20.84	20.62	24.59	24.30	24.32	22.18	22.35	22.02
		1	76	24.94	24.71	24.88	20.57	20.50	20.74	24.24	24.51	24.20	22.02	22.24	22.18
		1	77	24.64	24.66	24.81	20.76	20.90	20.57	24.36	24.22	24.49	22.21	22.25	22.21
		36	18	25.14	25.25	25.15	20.65	20.68	20.84	24.30	24.60	24.60	22.52	22.53	22.50
		75	0	25.13	25.22	25.16	20.61	20.66	20.76	24.29	24.60	24.53	22.52	22.51	22.48

OUTPUT POWER FOR 5G NR n77 (40.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 9			ANT 4			ANT 7			ANT 8		
				631332	633332	635332	631332	633332	635332	631332	633332	635332	631332	633332	635332
40.0	BPSK	1	0	3470.0	3500.0	3530.0	3470.0	3500.0	3530.0	3470.0	3500.0	3530.0	3470.0	3500.0	3530.0
		1	1	24.64	24.62	24.83	20.97	21.06	20.98	24.79	24.84	24.83	22.59	22.66	22.64
		1	1	28.10	27.97	28.33	24.44	24.59	24.41	28.15	28.14	28.11	26.02	26.11	26.05
		1	104	28.33	28.03	28.60	24.53	24.42	24.45	28.30	27.98	28.38	26.16	25.93	26.02
		1	105	24.87	24.62	24.81	21.00	21.05	20.98	24.90	24.52	24.93	22.69	22.50	22.66
		50	25	28.70	28.70	28.70	25.00	25.00	25.00	28.70	28.70	28.70	26.50	26.50	26.50
	QPSK	100	0	28.22	28.20	28.29	24.55	24.55	24.54	28.28	28.26	28.23	26.03	25.96	25.92
		1	0	24.52	24.59	24.82	20.96	20.98	20.95	24.72	24.66	24.62	22.58	22.65	22.59
		1	1	28.03	27.94	28.21	24.42	24.52	24.40	28.09	28.09	28.02	25.97	25.99	25.96
		1	104	28.20	27.85	28.34	24.41	24.31	24.43	28.23	27.94	28.29	26.12	25.90	25.98
		1	105	24.80	24.60	24.79	20.93	20.96	20.96	24.88	24.51	24.93	22.62	22.45	22.60
		50	25	28.68	28.64	28.68	24.95	24.98	24.95	28.65	28.69	28.63	26.48	26.47	26.39
	16QAM	100	0	27.74	27.77	27.83	24.10	24.06	24.07	27.81	27.86	27.82	25.59	25.55	25.52
		1	0	25.26	25.29	25.29	21.63	21.69	21.67	25.29	25.38	25.29	23.06	23.13	23.20
		1	1	27.75	27.81	27.82	24.07	24.17	24.08	27.83	27.81	27.74	25.63	25.57	25.55
		1	104	27.86	27.89	27.89	24.07	24.19	24.16	27.86	27.88	27.85	25.54	25.62	25.56
		1	105	25.27	25.20	25.33	21.59	21.60	21.62	25.37	25.40	25.37	23.08	23.12	23.06
		50	25	27.76	27.79	27.81	24.04	24.04	24.03	27.87	27.78	27.73	25.62	25.58	25.51
	64QAM	100	0	26.75	26.72	26.84	23.07	23.03	23.00	26.77	26.74	26.77	24.61	24.56	24.51
		1	0	25.34	25.25	25.25	21.54	21.66	21.61	25.38	25.21	25.21	23.07	23.02	23.05
		1	1	26.24	26.35	26.24	22.59	22.52	22.60	26.25	26.37	26.21	24.29	24.01	24.02
		1	104	26.28	26.37	26.21	22.61	22.69	22.68	26.32	26.39	26.29	24.16	24.13	24.00
		1	105	25.22	25.28	25.23	21.70	21.60	21.65	25.27	25.32	25.27	23.02	23.13	23.14
		50	25	26.81	26.75	26.67	22.56	22.55	22.54	26.30	26.38	26.41	24.33	24.25	24.22
	256QAM	100	0	26.77	26.82	26.81	22.66	22.64	22.60	26.36	26.38	26.50	24.31	24.29	24.27
		1	0	24.82	24.83	24.76	20.74	20.80	20.50	24.39	24.60	24.50	22.05	22.26	22.06
		1	1	24.72	24.79	24.73	20.73	20.72	20.61	24.24	24.38	24.58	22.14	22.14	22.26
		1	104	24.79	24.91	24.77	20.75	20.61	20.65	24.21	24.29	24.27	22.14	22.08	22.15
		1	105	24.78	24.75	24.98	20.78	20.67	20.78	24.48	24.47	24.54	22.42	22.04	22.33
		50	25	25.17	25.27	25.09	20.77	20.75	20.67	24.43	24.47	24.51	22.52	22.54	22.49
		100	0	25.18	25.22	25.11	20.76	20.71	20.66	24.45	24.48	24.58	22.53	22.44	22.45

OUTPUT POWER FOR 5G NR n77 (50.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 9			ANT 4			ANT 7			ANT 8		
				631666	633332	634998	631666	633332	634998	631666	633332	634998	631666	633332	634998
50.0	BPSK	1	0	24.34	24.60	24.73	20.77	20.82	20.90	24.83	24.62	24.52	22.53	22.41	22.55
		1	1	27.86	27.84	28.31	24.32	24.28	24.34	27.98	27.83	28.00	25.87	25.72	25.92
		1	131	28.02	27.74	28.14	24.36	24.21	24.32	28.12	27.79	28.14	25.87	25.64	25.96
		1	132	24.62	24.25	24.66	20.83	20.75	20.87	24.89	24.32	24.65	22.46	22.28	22.56
		64	32	28.70	28.70	28.70	25.00	25.00	25.00	28.70	28.70	28.70	26.50	26.50	26.50
		128	0	28.18	28.17	28.17	24.46	24.49	24.55	28.30	28.19	27.45	25.94	25.91	25.99
	QPSK	1	0	24.32	24.30	24.66	20.76	20.73	20.87	24.58	24.40	23.71	22.41	22.39	22.46
		1	1	27.82	27.82	28.05	24.24	24.27	24.31	27.97	27.65	27.23	25.71	25.66	25.86
		1	131	27.99	27.69	28.05	24.31	24.21	24.26	28.00	27.71	27.36	25.75	25.53	25.84
		1	132	24.38	24.22	24.55	20.82	20.65	20.81	24.64	24.31	23.98	22.44	22.25	22.43
		64	32	28.62	28.63	28.63	24.89	24.87	24.94	28.63	28.68	27.82	26.41	26.40	26.39
		128	0	27.71	27.78	27.81	24.13	24.06	24.09	27.87	27.78	26.27	25.62	25.51	25.61
	16QAM	1	0	25.28	25.35	25.34	21.55	21.52	21.62	25.29	25.25	25.26	23.03	23.14	23.17
		1	1	27.82	27.78	27.78	24.17	24.11	24.10	27.80	27.89	27.75	25.61	25.56	25.70
		1	131	27.89	27.73	27.88	24.16	24.04	24.02	27.82	27.88	27.71	25.67	25.56	25.65
		1	132	25.25	25.40	25.31	21.50	21.53	21.58	25.37	25.21	25.26	23.19	23.13	23.06
		64	32	27.81	27.72	27.74	24.18	24.03	24.06	27.81	27.89	27.78	25.56	25.59	25.59
		128	0	26.74	26.71	26.79	23.01	23.06	23.13	27.18	26.83	26.84	24.62	24.63	24.59
	64QAM	1	0	25.38	25.27	25.25	21.68	21.51	21.52	25.37	25.29	25.26	23.18	23.02	23.19
		1	1	26.24	26.25	26.29	22.62	22.58	22.65	26.20	26.28	26.34	24.14	24.00	24.02
		1	131	26.28	26.40	26.33	22.62	22.65	22.66	26.35	26.39	26.31	24.12	24.13	24.19
		1	132	25.38	25.26	25.31	21.58	21.70	21.66	25.30	25.25	25.29	23.04	23.04	23.00
		64	32	26.69	26.77	26.76	22.62	22.63	22.62	26.87	26.80	26.39	24.38	24.30	24.26
		128	0	26.77	26.85	26.75	22.73	22.64	22.71	26.86	26.85	26.29	24.37	24.26	24.40
	256QAM	1	0	24.29	24.54	24.77	20.80	20.75	20.59	24.45	24.37	24.60	22.04	22.26	22.17
		1	1	24.66	24.53	24.70	20.80	20.86	20.86	24.56	24.44	24.27	22.29	22.04	22.38
		1	131	24.65	24.47	24.56	20.54	20.75	20.54	24.26	24.32	24.38	22.01	22.28	22.29
		1	132	24.46	24.35	24.69	20.79	20.55	20.65	24.62	24.22	24.20	22.12	22.22	22.31
		64	32	25.17	25.22	25.15	20.75	20.73	20.60	24.93	25.20	24.51	22.58	22.43	22.45
		128	0	25.18	25.23	25.14	20.71	20.61	20.73	25.06	25.11	24.38	22.58	22.41	22.52

OUTPUT POWER FOR 5G NR n77 (60.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 9			ANT 4			ANT 7			ANT 8		
				632000	633332	634666	632000	633332	634666	632000	633332	634666	632000	633332	634666
60.0	BPSK	1	0	24.56	24.67	24.94	21.10	21.02	20.95	24.70	24.74	24.84	23.01	22.69	22.81
		1	1	28.04	28.10	28.49	24.55	24.55	24.34	28.19	28.20	28.28	26.08	26.15	26.19
		1	160	28.19	28.02	28.45	24.42	24.49	24.43	28.18	28.14	28.42	25.93	25.97	26.03
		1	161	24.92	24.63	24.93	20.95	21.08	21.32	24.62	24.77	25.08	22.62	22.43	22.72
		81	40	28.70	28.70	28.70	25.00	25.00	25.00	28.70	28.70	28.70	26.50	26.50	26.50
		162	0	28.26	28.14	28.36	24.55	24.48	24.42	28.22	28.30	28.32	25.96	26.01	26.04
	QPSK	1	0	24.44	24.60	24.86	21.02	21.02	20.91	24.57	24.72	24.78	22.68	22.69	22.74
		1	1	27.96	27.91	28.46	24.53	24.32	24.30	28.16	27.96	28.28	26.06	25.95	26.17
		1	160	28.09	27.91	28.12	24.32	24.46	24.38	28.17	28.08	28.40	25.87	25.91	26.01
		1	161	24.63	24.60	24.89	20.92	21.02	20.96	24.55	24.51	24.97	22.59	22.38	22.69
		81	40	28.62	28.56	28.67	24.88	24.96	24.81	28.58	28.67	28.65	26.44	26.40	26.39
		162	0	27.76	27.68	27.80	24.06	24.05	23.96	27.72	27.84	27.81	25.54	25.51	25.54
	16QAM	1	0	25.31	25.29	25.35	21.67	21.60	21.70	25.38	25.20	25.23	23.08	23.05	23.09
		1	1	27.82	27.83	27.88	24.17	24.01	24.14	27.77	27.89	27.87	25.56	25.50	25.65
		1	160	27.83	27.89	27.72	24.01	24.12	24.05	27.86	27.87	27.73	25.63	25.58	25.63
		1	161	25.30	25.37	25.27	21.65	21.68	21.68	25.24	25.20	25.37	23.07	23.03	23.11
		81	40	27.72	27.73	27.87	24.09	24.02	24.07	27.75	27.73	27.81	25.54	25.54	25.52
		162	0	26.75	26.71	26.86	23.03	23.06	23.00	26.74	26.75	26.78	24.70	24.53	24.55
	64QAM	1	0	25.27	25.36	25.32	21.51	21.67	21.55	25.30	25.20	25.27	23.16	23.00	23.12
		1	1	26.34	26.35	26.44	22.70	22.70	22.55	26.32	26.36	26.30	24.03	24.07	24.15
		1	160	26.24	26.40	26.26	22.58	22.70	22.53	26.24	26.25	26.39	24.06	24.07	24.12
		1	161	25.24	25.30	25.30	21.64	21.50	21.67	25.25	25.39	25.25	23.06	23.06	23.12
		81	40	26.66	26.69	26.62	22.59	22.54	22.59	26.37	26.41	26.25	24.12	24.22	24.17
		162	0	26.74	26.79	26.68	22.68	22.58	22.71	26.49	26.46	26.46	24.30	24.26	24.31
	256QAM	1	0	24.24	24.59	25.06	20.64	20.61	20.77	24.35	24.29	24.37	22.04	22.46	22.18
		1	1	24.61	24.71	24.83	20.56	20.55	20.77	24.34	24.54	24.30	22.10	22.14	22.08
		1	160	24.75	24.65	24.71	20.84	20.66	20.54	24.22	24.22	24.62	22.02	22.38	22.18
		1	161	24.66	24.48	24.58	20.68	20.81	20.74	24.22	24.53	24.20	22.19	22.13	22.08
		81	40	24.94	25.25	24.94	20.65	20.61	20.62	24.53	24.61	24.39	22.42	22.43	22.33
		162	0	25.06	25.14	25.05	20.65	20.61	20.77	24.63	24.56	24.60	22.49	22.39	22.45

OUTPUT POWER FOR 5G NR n77 (70.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 9			ANT 4			ANT 7			ANT 8		
				632333	633332	634333	632333	633332	634333	632333	633332	634333	632333	633332	634333
70.0	BPSK	1	0	24.59	24.44	24.86	20.95	20.96	21.10	24.72	24.89	25.32	23.41	23.10	23.17
		1	1	27.92	27.84	28.12	24.38	24.48	24.51	28.27	28.34	28.38	26.35	26.36	26.41
		1	187	27.99	28.00	28.19	24.39	24.50	24.53	28.14	28.55	28.51	26.39	26.32	26.34
		1	188	24.53	24.58	24.96	20.90	21.02	21.04	24.73	25.02	25.18	22.68	23.00	23.11
		90	45	28.70	28.70	28.70	25.00	25.00	25.00	28.70	28.70	28.70	26.50	26.45	26.41
		180	0	28.20	28.12	28.34	24.52	24.54	24.53	28.56	28.50	28.51	26.44	26.50	26.50
	QPSK	1	0	24.52	24.39	24.71	20.89	20.90	21.05	24.69	24.86	24.98	23.09	23.10	23.11
		1	1	27.84	27.83	28.10	24.26	24.38	24.33	27.75	28.20	28.30	26.08	26.29	26.39
		1	187	27.98	27.96	28.07	24.24	24.40	24.49	27.43	28.12	28.50	26.12	26.25	26.29
		1	188	24.42	24.50	24.71	20.87	20.93	21.03	24.65	24.91	25.16	22.59	22.88	22.91
		90	45	28.66	28.59	28.64	24.97	24.99	24.95	28.60	28.62	28.63	26.39	26.29	26.33
		180	0	27.80	27.68	27.79	24.09	24.10	24.11	27.94	27.94	28.02	26.19	26.02	26.19
	16QAM	1	0	25.21	25.33	25.37	21.69	21.70	21.68	25.35	25.22	25.25	23.03	23.07	23.15
		1	1	27.89	27.72	27.83	24.10	24.18	24.11	27.83	27.83	27.80	25.58	25.55	25.62
		1	187	27.74	27.83	27.90	24.16	24.03	24.20	27.81	27.74	27.79	25.50	25.67	25.61
		1	188	25.21	25.30	25.26	21.50	21.60	21.67	25.25	25.38	25.22	23.00	23.04	23.09
		90	45	27.78	27.73	27.75	24.01	24.03	24.04	27.83	27.92	27.89	26.24	26.15	26.18
		180	0	26.72	26.87	26.80	23.03	23.03	23.09	26.90	26.91	26.98	25.18	25.13	25.14
	64QAM	1	0	25.36	25.36	25.36	21.55	21.50	21.65	25.21	25.20	25.23	23.13	23.18	23.19
		1	1	26.26	26.26	26.29	22.53	22.58	22.52	26.24	26.24	26.36	24.15	24.24	24.50
		1	187	26.25	26.27	26.26	22.52	22.59	22.51	26.37	26.37	26.26	24.02	24.13	24.12
		1	188	25.24	25.28	25.26	21.56	21.70	21.58	25.38	25.35	25.27	23.18	23.19	23.11
		90	45	26.69	26.74	26.72	22.61	22.60	22.60	26.57	26.59	26.48	24.75	24.75	24.75
		180	0	26.76	26.70	26.69	22.64	22.64	22.65	26.66	26.59	26.67	24.73	24.73	24.78
	256QAM	1	0	24.51	24.62	24.38	20.88	20.76	20.82	24.46	24.31	24.47	22.29	22.25	22.47
		1	1	24.52	24.44	24.67	20.62	20.54	20.50	24.47	24.43	24.52	22.42	22.14	22.10
		1	187	24.27	24.32	24.44	20.58	20.74	20.50	24.21	24.21	24.59	22.39	22.23	22.32
		1	188	24.22	24.67	24.65	20.78	20.89	20.72	24.32	24.59	24.49	22.00	22.16	22.09
		90	45	25.05	25.06	25.03	20.71	20.68	20.66	24.70	24.73	24.64	22.83	22.76	22.76
		180	0	25.11	25.09	25.13	20.74	20.68	20.73	24.75	24.74	24.76	22.86	22.81	22.85

OUTPUT POWER FOR 5G NR n77 (80.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 9			ANT 4			ANT 7			ANT 8		
				632666	633332	633998	632666	633332	633998	632666	633332	633998	632666	633332	633998
80.0	BPSK	1	0	24.71	24.65	24.73	21.16	20.99	21.17	25.01	25.06	24.98	23.30	23.40	23.26
		1	1	27.98	28.13	28.14	24.56	24.45	24.57	28.41	28.25	28.48	26.50	26.50	26.50
		1	215	27.90	28.26	28.17	24.47	24.72	24.49	28.41	28.55	28.49	26.44	26.50	26.36
		1	216	24.47	24.82	24.79	21.15	21.16	21.19	24.98	25.03	25.26	23.06	23.15	23.13
		108	54	28.70	28.70	28.70	25.00	25.00	25.00	28.70	28.70	28.70	26.50	26.47	26.44
		216	0	28.28	28.30	28.24	24.63	24.59	24.61	28.40	28.40	28.46	26.42	26.48	26.47
	QPSK	1	0	24.47	24.48	24.69	21.10	20.98	21.10	24.89	24.92	24.86	23.03	23.30	23.24
		1	1	27.94	28.00	28.09	24.25	24.40	24.36	28.30	28.24	28.30	26.37	26.45	26.44
		1	215	27.82	28.20	28.01	24.46	24.61	24.48	28.32	28.43	28.46	26.32	26.31	26.26
		1	216	24.42	24.78	24.74	21.03	21.06	21.11	24.88	24.98	25.23	23.06	23.07	23.12
		108	54	28.57	28.70	28.63	24.96	24.95	24.96	28.67	28.61	28.67	26.46	26.30	26.44
		216	0	27.78	27.81	27.79	24.18	24.08	24.12	27.98	27.95	28.06	26.19	26.13	26.18
	16QAM	1	0	25.29	25.31	25.30	21.65	21.61	21.51	25.33	25.39	25.22	23.02	23.24	23.15
		1	1	27.89	27.75	27.90	24.18	24.10	24.07	27.90	27.89	27.86	25.61	25.56	25.73
		1	215	27.79	27.75	27.71	24.15	24.06	24.04	27.78	27.89	27.80	25.62	25.61	25.70
		1	216	25.28	25.29	25.23	21.66	21.69	21.57	25.23	25.34	25.20	23.01	23.06	23.12
		108	54	27.88	27.75	27.74	24.07	24.15	24.00	27.93	27.86	27.88	26.18	26.14	26.20
		216	0	26.76	26.80	26.89	23.10	23.02	23.08	27.01	26.91	26.95	25.17	25.14	25.16
	64QAM	1	0	25.22	25.26	25.36	21.63	21.62	21.63	25.27	25.35	25.22	23.20	23.22	23.11
		1	1	26.31	26.23	26.22	22.53	22.68	22.64	26.30	26.30	26.26	24.37	24.07	24.30
		1	215	26.27	26.22	26.25	22.66	22.56	22.64	26.23	26.39	26.38	24.42	24.14	24.05
		1	216	25.32	25.28	25.26	21.58	21.66	21.58	25.21	25.21	25.23	23.18	23.05	23.07
		108	54	26.75	26.76	26.67	22.69	22.65	22.59	26.39	26.46	26.45	24.77	24.74	24.75
		216	0	26.75	26.80	26.81	22.72	22.65	22.66	26.47	26.59	26.59	24.82	24.77	24.84
	256QAM	1	0	24.36	24.58	24.85	20.81	20.58	20.59	24.28	24.60	24.34	22.63	22.71	22.49
		1	1	24.56	24.47	24.49	20.83	20.66	20.56	24.43	24.58	24.36	22.64	22.28	22.11
		1	215	24.66	24.76	24.83	20.56	20.75	20.75	24.27	24.45	24.20	22.11	22.67	22.30
		1	216	24.62	24.94	24.57	20.71	20.61	20.60	24.58	24.50	24.58	22.49	22.14	22.27
		108	54	25.02	25.15	25.19	20.66	20.64	20.65	24.47	24.58	24.51	22.86	22.77	22.82
		216	0	25.23	25.15	25.18	20.73	20.73	20.71	24.56	24.66	24.67	22.85	22.84	22.90

OUTPUT POWER FOR 5G NR n77 (90.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 9			ANT 4			ANT 7			ANT 8		
				633000	633332	633666	633000	633332	633666	633000	633332	633666	633000	633332	633666
90.0	BPSK	1	0	3495.0	3500.0	3505.0	3495.0	3500.0	3505.0	3495.0	3500.0	3505.0	3495.0	3500.0	3505.0
		1	1	24.61	24.47	24.62	20.96	21.18	21.09	24.96	24.82	24.87	23.17	23.16	23.06
		1	1	27.94	28.05	28.10	24.56	24.41	24.37	28.36	28.29	28.32	26.43	26.50	26.41
		1	243	28.18	28.20	28.33	24.54	24.46	24.39	28.44	28.63	28.42	26.48	26.49	26.50
		1	244	24.79	24.60	24.91	21.10	20.99	20.95	25.04	25.02	25.01	23.16	23.22	23.02
		120	60	28.70	28.70	28.70	25.00	25.00	25.00	28.70	28.70	28.70	26.50	26.39	26.48
	QPSK	243	0	28.24	28.19	28.37	24.49	24.56	24.02	28.53	28.44	28.39	26.41	26.46	26.47
		1	0	24.56	24.46	24.51	20.90	21.00	20.84	24.89	24.79	24.80	23.06	23.03	23.03
		1	1	27.81	27.80	27.89	24.33	24.40	23.69	28.18	28.24	28.31	26.35	26.42	26.40
		1	243	28.01	28.08	28.18	24.51	24.39	23.93	28.38	28.37	28.34	26.48	26.38	26.22
		1	244	24.68	24.60	24.74	21.07	20.94	20.89	24.98	25.01	24.88	23.06	22.94	22.95
		120	60	28.65	28.64	28.68	24.95	24.90	24.34	28.59	28.65	28.59	26.48	26.35	26.36
	16QAM	243	0	27.75	27.74	27.88	24.12	24.08	24.00	28.01	28.00	27.96	26.24	26.13	26.26
		1	0	25.37	25.40	25.23	21.54	21.53	21.60	25.21	25.22	25.28	23.06	23.04	23.12
		1	1	27.81	27.87	27.75	24.10	24.07	24.19	27.79	27.87	27.87	25.71	25.69	25.63
		1	243	27.73	27.83	27.70	24.08	24.06	24.09	27.78	27.72	27.70	25.58	25.53	25.64
		1	244	25.20	25.40	25.23	21.57	21.57	21.52	25.25	25.26	25.20	23.15	23.07	23.07
		120	60	27.71	27.85	27.76	24.07	24.01	24.05	27.90	27.82	27.85	26.24	26.10	26.20
	64QAM	243	0	26.71	26.72	26.82	23.06	23.03	23.01	26.91	26.91	26.93	25.22	25.13	25.21
		1	0	25.26	25.21	25.22	21.67	21.57	21.66	25.23	25.29	25.29	23.03	23.08	23.08
		1	1	26.27	26.28	26.38	22.61	22.64	22.62	26.30	26.36	26.27	24.17	24.44	24.01
		1	243	26.35	26.29	26.32	22.70	22.63	22.59	26.38	26.30	26.40	24.29	24.15	24.23
		1	244	25.32	25.36	25.31	21.51	21.56	21.65	25.29	25.35	25.23	23.03	23.17	23.10
		120	60	26.75	26.75	26.74	22.58	22.62	22.81	26.52	26.48	26.44	24.73	24.71	24.76
	256QAM	243	0	26.74	26.70	26.77	22.62	22.61	22.78	26.56	26.53	26.54	24.77	24.68	24.77
		1	0	24.21	24.70	24.60	20.50	20.62	20.65	24.27	24.42	24.28	22.56	22.21	22.30
		1	1	24.63	24.57	24.20	20.53	20.78	20.51	24.26	24.22	24.36	22.30	22.62	22.24
		1	243	24.73	24.73	24.82	20.60	20.62	20.69	24.58	24.33	24.27	22.34	22.34	22.78
		1	244	24.75	24.63	24.81	20.60	20.87	20.55	24.40	24.46	24.50	22.27	22.19	22.11
		120	60	25.19	25.10	25.15	20.71	20.70	21.00	24.58	24.53	24.59	22.86	22.84	22.88
		243	0	25.16	25.11	25.18	20.67	20.65	21.06	24.67	24.61	24.68	22.87	22.88	22.83

OUTPUT POWER FOR 5G NR n77 (100.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 9			ANT 4			ANT 7			ANT 8		
				N/A	633332	N/A	N/A	633332	N/A	N/A	633332	N/A	N/A	633332	N/A
100.0	BPSK	1	0	N/A	3500.0	N/A	N/A	3500.0	N/A	N/A	3500.0	N/A	N/A	3500.0	N/A
		1	1		24.31			22.52			24.82			23.47	
		1	1		27.60			24.69			28.25			26.35	
		1	271		27.92			24.71			28.42			26.45	
		1	272		24.48			22.49			24.79			23.16	
		135	67		28.70			24.92			28.70			26.45	
	QPSK	270	0		28.21			25.00			28.52			26.50	
		1	0		24.24			22.39			24.72			23.31	
		1	1		27.58			24.67			28.11			26.27	
		1	271		27.79			24.64			28.31			26.24	
		1	272		24.36			22.42			24.77			23.15	
		135	67		28.62			24.91			28.64			26.34	
	16QAM	270	0		27.68			24.96			28.07			26.25	
		1	0		25.34			22.19			25.22			23.13	
		1	1		27.90			24.24			27.78			25.68	
		1	271		27.90			24.43			27.78			25.70	
		1	272		25.27			22.34			25.21			23.15	
		135	67		27.87			24.86			27.93			26.18	
	64QAM	270	0		26.80			24.57			26.97			25.26	
		1	0		25.20			22.11			25.33			23.11	
		1	1		26.31			23.25			26.36			24.00	
		1	271		26.40			23.43			26.20			24.05	
		1	272		25.32			22.27			25.22			23.04	
		135	67		26.75			24.04			26.62			24.79	
	256QAM	270	0		26.75			24.01			26.62			24.76	
		1	0		24.64			21.24			24.24			22.35	
		1	1		24.57			21.43			24.36			22.66	
		1	271		24.51			21.65			24.24			22.09	
		1	272		24.60			21.30			24.65			22.25	
		135	67		25.06			21.97			24.77			22.75	
		270	0		25.15			21.96			24.96			22.82	

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

Test Engineer ID:	32894	Test Date:	2025-09-08
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OUTPUT POWER FOR 5G NR n77 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 9			ANT 4			ANT 7			ANT 8		
				647000	656000	665000	647000	656000	665000	647000	656000	665000	647000	656000	665000
10.0	BPSK	1	0	3705.0	3840.0	3975.0	3705.0	3840.0	3975.0	3705.0	3840.0	3975.0	3705.0	3840.0	3975.0
		1	0	25.43	24.80	25.02	21.18	21.22	21.19	24.76	24.79	24.78	22.60	22.56	22.70
		1	1	28.00	28.15	28.29	24.50	24.49	24.57	28.27	28.17	28.16	25.97	25.92	25.90
		1	22	28.08	28.17	28.26	24.53	24.49	24.42	28.17	28.32	28.15	25.91	25.80	25.99
		1	23	24.80	24.82	24.89	21.07	21.07	21.00	24.78	24.98	24.72	22.51	22.47	22.62
		12	6	28.70	28.70	28.70	25.00	25.00	25.00	28.70	28.70	28.70	26.50	26.50	26.50
	QPSK	24	0	28.18	28.27	28.40	24.62	24.63	24.55	28.26	28.29	28.23	26.08	25.94	26.04
		1	0	24.85	24.77	24.91	21.14	21.14	21.18	24.71	24.73	24.69	22.57	22.52	22.62
		1	1	27.94	28.05	28.19	24.45	24.46	24.53	28.04	28.11	27.94	25.85	25.80	25.85
		1	22	27.98	28.09	28.20	24.38	24.33	24.33	28.12	28.13	28.03	25.83	25.79	25.99
		1	23	24.78	24.76	24.85	21.03	21.01	20.98	24.74	24.89	24.66	22.46	22.40	22.59
		12	6	28.46	28.57	28.69	24.95	24.97	24.97	28.61	28.62	28.62	26.42	26.32	26.38
	16QAM	24	0	27.88	27.85	27.94	24.22	24.16	24.15	27.83	27.86	27.82	25.66	25.58	25.64
		1	0	25.21	25.20	25.27	21.55	21.70	21.54	25.29	25.35	25.38	23.00	23.15	23.03
		1	1	27.90	27.83	27.75	24.06	24.13	24.07	27.81	27.75	27.73	25.56	25.70	25.69
		1	22	27.73	27.85	27.74	24.15	24.04	24.02	27.89	27.87	27.84	25.63	25.52	25.61
		1	23	25.23	25.39	25.25	21.50	21.57	21.59	25.26	25.26	25.20	23.12	23.18	23.12
		12	6	27.78	27.71	27.81	24.11	24.08	24.08	27.76	27.85	27.71	25.53	25.53	25.53
	64QAM	24	0	26.86	26.86	27.00	23.20	23.16	23.15	26.76	26.83	26.75	24.67	24.55	24.67
		1	0	25.22	25.39	25.31	21.65	21.61	21.63	25.24	25.33	25.36	23.16	23.01	23.09
		1	1	26.35	26.29	26.22	22.70	22.69	22.63	26.25	26.31	26.25	24.01	24.07	24.11
		1	22	26.37	26.31	26.37	22.65	22.54	22.68	26.31	26.36	26.30	24.13	24.12	24.02
		1	23	25.30	25.30	25.24	21.56	21.66	21.61	25.37	25.26	25.30	23.08	23.09	23.06
		12	6	26.30	26.35	26.27	22.64	22.69	22.50	26.35	26.50	26.36	24.18	24.18	24.05
	256QAM	24	0	26.33	26.46	26.49	22.79	22.83	22.54	26.52	26.67	26.56	24.33	24.32	24.19
		1	0	24.49	24.48	24.30	20.70	20.53	20.64	24.42	24.38	24.24	22.14	22.15	22.10
		1	1	24.44	24.60	24.33	20.72	20.82	20.68	24.20	24.36	24.40	22.02	22.22	22.37
		1	22	24.51	24.44	24.45	20.75	20.62	20.62	24.25	24.25	24.54	22.20	22.12	22.13
		1	23	24.25	24.54	24.39	20.63	20.52	20.60	24.52	24.26	24.36	22.10	22.13	22.31
		12	6	24.32	24.46	24.36	20.82	20.83	20.66	24.56	24.71	24.58	22.33	22.36	22.08
		24	0	24.28	24.52	24.46	20.86	20.93	20.56	24.66	24.85	24.65	22.41	22.43	22.21

OUTPUT POWER FOR 5G NR n77 (15.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 9			ANT 4			ANT 7			ANT 8		
				647166	656000	664833	647166	656000	664833	647166	656000	664833	647166	656000	664833
15.0	BPSK	1	0	3707.5	3840.0	3972.5	3707.5	3840.0	3972.5	3707.5	3840.0	3972.5	3707.5	3840.0	3972.5
		1	0	25.25	24.96	24.84	21.21	21.08	21.07	24.97	24.95	24.93	22.59	22.73	22.74
		1	1	28.21	28.21	28.26	24.56	24.45	24.49	28.22	28.27	28.32	26.03	25.97	26.06
		1	36	28.22	28.17	28.09	24.52	24.40	24.36	28.15	28.30	28.17	25.84	25.76	26.09
		1	37	24.93	24.80	24.83	21.10	20.97	21.18	24.88	24.97	24.81	22.54	22.45	22.71
		18	9	28.70	28.70	28.70	25.00	25.00	25.00	28.70	28.70	28.70	26.50	26.50	26.50
	QPSK	36	0	28.28	28.26	28.20	24.55	24.53	24.51	28.20	28.27	28.23	25.99	25.97	26.03
		1	0	24.96	24.88	24.79	21.12	21.03	21.01	24.86	24.91	24.89	22.53	22.59	22.74
		1	1	28.05	28.05	27.97	24.53	24.37	24.48	28.13	28.22	28.17	25.94	25.92	25.96
		1	36	28.21	28.09	28.08	24.43	24.29	24.30	28.01	28.15	28.07	25.79	25.75	26.04
		1	37	24.89	24.73	24.79	21.02	20.95	21.01	24.76	24.89	24.77	22.43	22.29	22.69
		18	9	28.63	28.55	28.53	24.84	24.82	24.86	28.60	28.65	28.62	26.36	26.37	26.41
	16QAM	36	0	27.83	27.97	27.82	24.11	24.04	24.10	27.82	27.92	27.80	25.57	25.54	25.59
		1	0	25.37	25.34	25.35	21.54	21.62	21.52	25.38	25.39	25.29	23.02	23.04	23.04
		1	1	27.71	27.82	27.77	24.05	24.18	24.11	27.82	27.90	27.72	25.63	25.56	25.61
		1	36	27.80	27.83	27.86	24.05	24.14	24.13	27.87	27.86	27.74	25.63	25.52	25.69
		1	37	25.22	25.24	25.38	21.58	21.65	21.56	25.26	25.21	25.29	23.04	23.04	23.11
		18	9	27.84	27.79	27.76	24.13	24.05	24.12	27.81	27.81	27.82	25.56	25.58	25.62
	64QAM	36	0	26.84	26.87	26.92	23.11	23.05	23.01	26.84	26.86	26.79	24.59	24.51	24.75
		1	0	25.34	25.25	25.34	21.68	21.69	21.70	25.26	25.38	25.25	23.16	23.09	23.08
		1	1	26.26	26.33	26.27	22.70	22.50	22.63	26.23	26.35	26.38	24.01	24.13	24.03
		1	36	26.27	26.29	26.23	22.59	22.54	22.70	26.25	26.34	26.26	24.02	24.06	24.06
		1	37	25.29	25.31	25.23	21.56	21.63	21.56	25.33	25.32	25.39	23.08	23.18	23.04
		18	9	26.31	26.48	26.32	22.70	22.67	22.69	26.51	26.64	26.45	24.27	24.23	24.06
	256QAM	36	0	26.48	26.58	26.29	22.82	22.79	22.62	26.48	26.62	26.58	24.34	24.32	24.19
		1	0	24.27	24.38	24.46	20.61	20.65	20.71	24.38	24.37	24.37	22.09	22.28	22.40
		1	1	24.56	24.23	24.37	20.65	20.52	20.63	24.43	24.63	24.58	22.07	22.00	22.06
		1	36	24.21	24.32	24.51	20.86	20.75	20.58	24.36	24.57	24.54	22.36	22.31	22.31
		1	37	24.22	24.32	24.24	20.74	20.83	20.85	24.23	24.50	24.23	22.21	22.01	22.28
		18	9	24.66	24.69	24.29	20.98	20.91	20.51	24.78	24.88	24.68	22.54	22.49	22.13
		36	0	24.52	24.75	24.35	20.98	20.97	20.57	24.71	24.94	24.69	22.55	22.53	22.16

OUTPUT POWER FOR 5G NR n77 (20.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 9			ANT 4			ANT 7			ANT 8		
				647333	656000	664666	647333	656000	664666	647333	656000	664666	647333	656000	664666
20.0	BPSK	1	0	24.91	24.88	24.87	21.25	21.08	21.05	25.04	25.12	24.76	22.61	22.81	22.74
		1	1	28.15	28.18	28.15	24.66	24.44	24.57	28.15	28.29	28.70	25.98	26.14	26.12
		1	49	28.18	28.22	28.38	24.47	24.50	24.35	28.12	28.24	28.15	25.80	25.80	26.06
		1	50	24.81	24.87	25.00	21.19	21.08	21.20	24.77	25.06	24.86	22.47	22.43	22.82
		25	12	28.70	28.70	28.70	25.00	25.00	25.00	28.70	28.70	28.61	26.50	26.50	26.50
		50	0	28.21	28.29	28.28	24.61	24.55	24.49	28.21	28.31	28.11	25.96	26.00	26.08
	QPSK	1	0	24.79	24.83	24.83	21.19	21.02	21.00	24.84	24.98	24.73	22.56	22.70	22.69
		1	1	28.03	28.10	28.15	24.46	24.41	24.45	28.03	28.24	27.95	25.87	26.05	25.98
		1	49	28.09	28.13	28.18	24.41	24.32	24.22	28.07	28.14	28.01	25.77	25.69	25.97
		1	50	24.74	24.80	24.98	21.12	21.03	20.87	24.75	24.83	24.75	22.38	22.39	22.71
		25	12	28.62	28.61	28.67	24.95	24.85	24.90	28.66	28.66	28.56	26.42	26.47	26.49
		50	0	27.76	27.88	27.88	24.21	24.13	24.06	27.82	27.86	27.65	25.54	25.55	25.66
	16QAM	1	0	25.20	25.34	25.33	21.67	21.66	21.64	25.34	25.25	25.26	23.17	23.17	23.08
		1	1	27.81	27.85	27.89	24.00	24.15	24.20	27.79	27.77	27.77	25.64	25.65	25.52
		1	49	27.82	27.81	27.74	24.14	24.01	24.02	27.76	27.80	27.80	25.66	25.56	25.62
		1	50	25.21	25.24	25.40	21.58	21.55	21.55	25.21	25.20	25.34	23.07	23.11	23.20
		25	12	27.89	27.83	27.73	24.01	24.04	24.16	27.75	27.80	27.85	25.69	25.52	25.54
		50	0	26.79	26.82	26.86	23.20	23.11	23.17	26.82	26.91	26.72	24.62	24.57	24.67
	64QAM	1	0	25.40	25.20	25.26	21.50	21.65	21.52	25.24	25.26	25.26	23.00	23.09	23.10
		1	1	26.35	26.27	26.22	22.51	22.58	22.51	26.21	26.36	26.39	24.19	24.14	24.02
		1	49	26.40	26.24	26.32	22.50	22.61	22.54	26.36	26.40	26.29	24.09	24.13	24.07
		1	50	25.37	25.39	25.39	21.58	21.64	21.67	25.29	25.22	25.26	23.00	23.11	23.15
		25	12	26.37	26.50	26.33	22.81	22.78	22.64	26.55	26.76	26.48	24.28	24.36	24.16
		50	0	26.51	26.43	26.23	22.69	22.77	22.54	26.53	26.71	26.56	24.29	24.37	24.25
	256QAM	1	0	24.27	24.41	24.30	20.78	20.62	20.72	24.43	24.63	24.48	22.18	22.40	22.16
		1	1	24.40	24.26	24.25	20.51	20.54	20.68	24.25	24.69	24.59	22.15	22.30	22.17
		1	49	24.24	24.38	24.53	20.54	20.51	20.62	24.21	24.58	24.25	22.35	22.18	22.10
		1	50	24.37	24.45	24.53	20.73	20.63	20.87	24.26	24.69	24.51	22.30	22.26	22.00
		25	12	24.58	24.74	24.44	20.91	21.03	20.79	24.86	25.06	24.86	22.50	22.61	22.26
		50	0	24.65	24.75	24.55	20.95	21.10	20.90	24.84	25.15	24.86	22.59	22.62	22.30

OUTPUT POWER FOR 5G NR n77 (25.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 9			ANT 4			ANT 7			ANT 8		
				647500	656000	664500	647500	656000	664500	647500	656000	664500	647500	656000	664500
25.0	BPSK	1	0	37.12.5	3840.0	3967.5	37.12.5	3840.0	3967.5	37.12.5	3840.0	3967.5	37.12.5	3840.0	3967.5
		1	1	24.39	24.65	24.65	21.14	21.08	21.02	24.72	24.70	24.62	22.56	22.60	22.58
		1	63	27.93	28.25	28.04	24.47	24.38	24.36	28.32	28.23	28.05	25.85	25.78	25.96
		1	64	24.49	24.82	24.69	20.98	20.90	20.91	24.93	24.79	24.80	22.43	22.40	22.58
		32	16	28.42	28.70	28.70	25.00	25.00	25.00	28.70	28.70	28.70	26.50	26.50	26.50
		64	0	28.03	28.33	28.22	24.54	24.59	24.54	28.27	28.26	28.30	26.06	25.99	26.03
	QPSK	1	0	24.32	24.53	24.54	20.99	21.02	20.80	24.70	24.63	24.62	22.54	22.56	22.57
		1	1	27.83	27.98	27.85	24.41	24.30	24.31	28.01	28.07	27.87	25.86	25.89	25.91
		1	63	27.91	28.08	28.00	24.44	24.32	24.36	28.14	28.15	28.05	25.81	25.72	25.87
		1	64	24.47	24.80	24.63	20.97	20.90	20.88	24.92	24.73	24.76	22.37	22.27	22.52
		32	16	28.30	28.61	28.59	24.94	24.95	24.92	28.61	28.69	28.63	26.41	26.41	26.38
		64	0	27.55	27.93	27.87	24.08	24.17	24.12	27.85	27.87	27.79	25.64	25.55	25.63
	16QAM	1	0	25.37	25.30	25.30	21.64	21.68	21.61	25.28	25.20	25.27	23.14	23.17	23.20
		1	1	27.75	27.88	27.85	24.06	24.19	24.17	27.81	27.82	27.80	25.52	25.63	25.65
		1	63	27.75	27.85	27.79	24.19	24.14	24.06	27.73	27.78	27.90	25.66	25.50	25.50
		1	64	25.30	25.34	25.38	21.57	21.57	21.61	25.27	25.40	25.38	23.03	23.04	23.14
		32	16	27.87	27.80	27.72	24.02	24.13	24.10	27.76	27.92	27.73	25.59	25.58	25.55
		64	0	26.82	26.91	26.88	23.11	23.18	23.21	26.88	26.91	26.81	24.69	24.58	24.66
	64QAM	1	0	25.32	25.32	25.40	21.69	21.56	21.56	25.27	25.32	25.24	23.02	23.06	23.20
		1	1	26.20	26.31	26.37	22.64	22.61	22.52	26.26	26.22	26.20	24.04	24.09	24.16
		1	63	26.22	26.21	26.21	22.53	22.58	22.58	26.29	26.38	26.30	24.03	24.18	24.11
		1	64	25.20	25.26	25.39	21.65	21.56	21.55	25.27	25.22	25.26	23.06	23.00	23.05
		32	16	26.30	26.35	26.31	22.60	22.73	22.50	26.53	26.78	26.40	24.33	24.43	24.20
		64	0	26.38	26.53	26.39	22.54	22.84	22.68	26.61	26.82	26.67	24.50	24.52	24.37
	256QAM	1	0	24.25	24.49	24.27	20.58	20.62	20.87	24.32	24.41	24.30	22.21	22.15	22.35
		1	1	24.40	24.50	24.22	20.56	20.90	20.64	24.26	24.63	24.39	22.22	22.43	22.28
		1	63	24.55	24.43	24.37	20.66	20.70	20.50	24.26	24.61	24.38	22.10	22.18	22.16
		1	64	24.35	24.36	24.33	20.68	20.80	20.90	24.29	24.54	24.42	22.32	22.39	22.01
		32	16	24.28	24.45	24.59	20.62	20.83	20.90	24.68	25.15	24.79	22.57	22.84	22.40
		64	0	24.43	24.49	24.54	20.77	20.92	20.73	24.70	25.15	24.74	22.66	22.79	22.47

OUTPUT POWER FOR 5G NR n77 (30.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 9			ANT 4			ANT 7			ANT 8		
				647666	656000	664333	647666	656000	664333	647666	656000	664333	647666	656000	664333
30.0	BPSK	1	0	24.69	24.80	24.92	20.99	20.99	21.02	24.92	24.98	24.75	22.71	22.53	22.72
		1	1	28.08	28.05	28.20	24.49	24.33	24.45	28.30	28.34	28.24	26.13	26.04	26.05
		1	76	28.25	28.30	28.43	24.46	24.35	24.52	28.50	28.33	28.22	26.04	25.81	26.01
		1	77	24.89	24.83	25.19	21.21	21.09	21.21	25.24	24.92	24.75	22.59	22.39	22.72
		36	18	28.70	28.70	28.70	25.00	25.00	25.00	28.70	28.70	28.70	26.50	26.50	26.50
		75	0	28.21	28.26	28.28	24.48	24.45	24.46	28.25	28.31	28.17	26.05	25.90	25.96
	QPSK	1	0	24.65	24.64	24.91	20.96	20.89	20.99	24.81	24.86	24.65	22.69	22.44	22.66
		1	1	28.00	28.04	28.13	24.36	24.27	24.39	28.21	28.22	28.13	26.08	25.84	25.99
		1	76	28.15	28.10	28.30	24.46	24.21	24.36	28.34	28.25	28.16	25.99	25.67	26.00
		1	77	24.87	24.75	24.95	21.06	20.96	21.03	25.03	24.77	24.72	22.54	22.34	22.68
		36	18	28.68	28.64	28.66	24.98	24.96	24.95	28.69	28.65	28.63	26.49	26.42	26.39
		75	0	27.82	27.87	27.87	24.05	24.04	24.01	27.87	27.89	27.79	25.58	25.45	25.57
	16QAM	1	0	25.27	25.39	25.31	21.66	21.66	21.60	25.24	25.21	25.34	23.15	23.20	23.12
		1	1	27.82	27.81	27.89	24.10	24.02	24.13	27.89	27.71	27.76	25.60	25.63	25.60
		1	76	27.84	27.84	27.88	24.03	24.12	24.17	27.78	27.85	27.75	25.65	25.68	25.60
		1	77	25.40	25.20	25.25	21.55	21.52	21.62	25.30	25.35	25.38	23.17	23.02	23.02
		36	18	27.72	27.75	27.79	24.15	24.03	24.03	27.71	27.81	27.84	25.56	25.54	25.52
		75	0	26.75	26.82	26.79	23.01	23.07	23.07	26.83	26.78	26.71	24.59	24.50	24.55
	64QAM	1	0	25.24	25.40	25.21	21.54	21.64	21.64	25.36	25.29	25.37	23.17	23.06	23.01
		1	1	26.26	26.31	26.24	22.61	22.66	22.53	26.40	26.45	26.30	24.06	24.09	24.05
		1	76	26.34	26.40	26.34	22.65	22.70	22.64	26.22	26.20	26.23	24.10	24.18	24.07
		1	77	25.25	25.20	25.24	21.63	21.67	21.56	25.40	25.24	25.27	23.17	23.19	23.11
		36	18	26.29	26.57	26.20	22.59	22.76	22.67	26.46	26.68	26.57	24.35	24.42	24.27
		75	0	26.38	26.51	26.25	22.57	22.78	22.50	26.50	26.62	26.57	24.38	24.40	24.31
	256QAM	1	0	24.35	24.25	24.39	20.85	20.88	20.79	24.21	24.65	24.42	22.30	22.30	22.08
		1	1	24.31	24.47	24.40	20.51	20.53	20.78	24.25	24.77	24.28	22.36	22.21	22.19
		1	76	24.33	24.33	24.48	20.80	20.76	20.66	24.32	24.65	24.58	22.16	22.43	22.08
		1	77	24.28	24.22	24.44	20.58	20.56	20.84	24.49	24.75	24.66	22.32	22.36	22.03
		36	18	24.25	24.75	24.55	20.66	20.96	20.80	24.75	25.06	24.86	22.56	22.76	22.38
		75	0	24.60	24.68	24.48	20.56	20.88	20.85	24.70	25.15	24.78	22.56	22.74	22.38

OUTPUT POWER FOR 5G NR n77 (40.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 9			ANT 4			ANT 7			ANT 8		
				648000	656000	664000	648000	656000	664000	648000	656000	664000	648000	656000	664000
40.0	BPSK	1	0	25.01	24.80	24.93	21.05	20.79	21.07	25.05	24.95	24.66	22.91	23.04	23.03
		1	1	28.11	28.02	28.14	24.88	24.30	24.43	28.18	28.49	28.00	26.12	26.07	26.05
		1	104	28.32	28.11	28.26	24.66	24.31	24.35	28.50	28.24	28.36	26.14	25.78	26.07
		1	105	24.79	24.78	24.95	21.14	21.11	20.90	25.10	24.83	24.80	22.85	22.45	22.70
		50	25	28.70	28.70	28.70	25.00	25.00	25.00	28.70	28.70	28.70	26.50	26.50	26.50
		100	0	28.25	28.22	28.28	24.42	24.41	24.47	28.18	28.20	28.30	26.01	25.91	26.00
	QPSK	1	0	24.85	24.64	24.81	20.95	20.78	21.02	24.87	24.86	24.60	22.78	22.65	22.60
		1	1	28.09	27.96	28.07	24.37	24.15	24.40	28.16	28.40	27.97	26.10	25.93	25.82
		1	104	28.06	28.10	28.21	24.55	24.30	24.34	28.33	28.20	28.21	26.05	25.70	25.99
		1	105	24.74	24.70	24.88	21.13	20.93	20.85	25.05	24.77	24.76	22.72	22.42	22.65
		50	25	28.66	28.63	28.67	24.99	24.96	24.96	28.65	28.67	28.70	26.48	26.36	26.44
		100	0	27.76	27.82	27.83	24.01	24.04	24.08	27.85	27.81	27.86	25.59	25.51	25.59
	16QAM	1	0	25.36	25.27	25.29	21.56	21.57	21.65	25.25	25.40	25.31	23.16	23.20	23.17
		1	1	27.80	27.76	27.74	24.04	24.12	24.10	27.80	27.85	27.75	25.70	25.53	25.59
		1	104	27.85	27.78	27.89	24.00	24.09	24.05	27.72	27.88	27.86	25.64	25.55	25.54
		1	105	25.26	25.34	25.27	21.64	21.51	21.52	25.22	25.29	25.22	23.04	23.05	23.02
		50	25	27.75	27.74	27.70	24.05	24.08	24.08	27.76	27.73	27.77	25.52	25.55	25.58
		100	0	26.71	26.81	26.77	23.13	23.11	23.05	26.73	26.82	26.78	24.60	24.59	24.56
	64QAM	1	0	25.31	25.24	25.26	21.68	21.66	21.70	25.39	25.25	25.32	23.05	23.10	23.04
		1	1	26.36	26.32	26.32	22.59	22.66	22.59	26.21	26.43	26.36	24.01	24.02	24.06
		1	104	26.24	26.21	26.36	22.52	22.57	22.50	26.22	26.39	26.36	24.00	24.06	24.14
		1	105	25.30	25.38	25.40	21.64	21.51	21.59	25.25	25.29	25.34	23.12	23.20	23.11
		50	25	26.33	26.55	26.20	22.55	22.73	22.57	26.39	26.72	26.61	24.27	24.41	24.26
		100	0	26.39	26.49	26.38	22.56	22.71	22.52	26.52	26.72	26.61	24.31	24.38	24.30
	256QAM	1	0	24.59	24.43	24.35	20.86	20.85	20.76	24.49	24.73	24.33	22.24	22.31	22.40
		1	1	24.34	24.57	24.28	20.87	20.89	20.56	24.28	24.97	24.60	22.15	22.44	22.02
		1	104	24.37	24.31	24.47	20.50	20.69	20.90	24.33	24.54	24.59	22.23	22.14	22.19
		1	105	24.25	24.25	24.37	20.52	20.52	20.53	24.32	24.52	24.52	22.06	22.05	22.25
		50	25	24.46	24.75	24.25	20.63	20.96	20.64	24.76	25.13	24.91	22.50	22.75	22.47
		100	0	24.37	24.70	24.48	20.58	20.88	20.64	24.65	24.95	24.98	22.56	22.71	22.42

OUTPUT POWER FOR 5G NR n77 (50.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 9			ANT 4			ANT 7			ANT 8		
				648333	656000	663666	648333	656000	663666	648333	656000	663666	648333	656000	663666
50.0	BPSK	1	0	24.72	24.46	24.74	21.01	20.81	20.88	24.71	24.90	24.44	22.54	22.55	22.50
		1	1	28.00	27.83	27.98	24.30	24.14	24.22	27.90	28.03	27.77	25.93	25.85	25.83
		1	131	28.16	27.98	28.05	24.05	24.29	24.04	28.12	28.13	28.60	25.99	25.66	25.86
		1	132	24.32	24.57	24.79	20.67	20.89	20.76	24.72	24.74	24.90	22.59	22.28	22.40
		64	32	28.70	28.70	28.70	25.00	25.00	25.00	28.70	28.70	28.70	26.50	26.50	26.50
		128	0	28.15	28.28	28.26	24.45	24.50	24.35	28.11	28.30	28.26	25.99	25.99	26.01
	QPSK	1	0	24.71	24.45	24.60	20.91	20.80	20.72	24.47	24.88	24.40	22.45	22.49	22.49
		1	1	27.91	27.70	27.96	24.29	24.06	24.14	27.67	27.97	27.75	25.83	25.80	25.47
		1	131	27.57	27.79	27.95	24.04	24.22	23.96	28.03	28.07	28.04	25.98	25.60	25.84
		1	132	24.28	24.57	24.76	20.60	20.84	20.64	24.69	24.70	24.64	22.51	22.25	22.40
		64	32	28.64	28.58	28.59	24.96	24.98	24.95	28.59	28.69	28.62	26.41	26.46	26.46
		128	0	27.83	27.85	27.93	24.04	24.08	23.92	27.77	27.91	27.89	25.51	25.56	25.62
	16QAM	1	0	25.36	25.29	25.25	21.63	21.57	21.55	25.23	25.28	25.30	23.08	23.16	23.05
		1	1	27.80	27.84	27.70	24.14	24.05	24.00	27.75	27.87	27.77	25.57	25.61	25.56
		1	131	27.85	27.80	27.90	24.12	24.17	24.07	27.78	27.78	27.88	25.70	25.67	25.61
		1	132	25.40	25.40	25.37	21.68	21.65	21.67	25.25	25.21	25.26	23.18	23.05	23.18
		64	32	27.72	27.81	27.79	24.02	24.17	24.05	27.72	27.80	27.76	25.60	25.66	25.71
		128	0	26.90	26.77	26.79	23.14	23.09	23.04	26.74	26.86	26.77	24.52	24.56	24.66
	64QAM	1	0	25.31	25.27	25.21	21.58	21.60	21.51	25.33	25.33	25.21	23.08	23.07	23.01
		1	1	26.25	26.32	26.40	22.68	22.69	22.67	26.28	26.25	26.35	24.06	24.10	24.12
		1	131	26.26	26.25	26.37	22.62	22.51	22.51	26.37	26.22	26.20	24.12	24.20	24.02
		1	132	25.37	25.30	25.24	21.51	21.65	21.54	25.39	25.28	25.32	23.11	23.20	23.19
		64	32	26.32	26.66	26.27	22.63	22.82	22.51	26.53	26.74	26.63	24.39	24.47	24.41
		128	0	26.35	26.63	26.29	22.65	22.78	22.62	26.53	26.81	26.68	24.45	24.50	24.41
	256QAM	1	0	24.54	24.31	24.37	20.73	20.79	20.71	24.43	24.72	24.40	22.11	22.26	22.39
		1	1	24.23	24.50	24.28	20.59	20.58	20.77	24.36	24.75	24.35	22.05	22.34	22.22
		1	131	24.27	24.28	24.27	20.54	20.79	20.79	24.32	24.42	24.23	22.01	22.03	22.03
		1	132	24.32	24.23	24.41	20.74	20.67	20.81	24.47	24.37	24.39	22.24	22.01	22.13
		64	32	24.34	24.77	24.23	20.67	21.04	20.83	24.79	25.16	24.88	22.49	22.78	22.47
		128	0	24.36	24.85	24.46	20.66	21.02	20.67	24.77	25.15	24.87	22.63	22.75	22.50

OUTPUT POWER FOR 5G NR n77 (60.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 9			ANT 4			ANT 7			ANT 8		
				648666	656000	663333	648666	656000	663333	648666	656000	663333	648666	656000	663333
60.0	BPSK	1	0	3730.0	3840.0	3950.0	3730.0	3840.0	3950.0	3730.0	3840.0	3950.0	3730.0	3840.0	3950.0
		1	1	25.21	24.75	25.13	21.23	20.96	21.15	24.60	25.23	24.98	22.58	22.79	22.70
		1	160	28.17	28.22	28.37	24.21	24.36	24.32	28.30	28.14	28.26	26.00	25.87	26.07
		1	161	24.63	24.90	24.83	20.66	20.94	20.91	24.87	25.11	24.90	22.64	22.73	22.75
		81	40	28.70	28.70	28.70	25.00	25.00	25.00	28.70	28.70	28.70	26.50	26.50	26.50
		162	0	28.19	28.27	28.25	24.49	24.41	24.42	28.25	28.03	28.31	25.98	25.98	26.08
	QPSK	1	0	25.00	24.48	25.00	21.20	20.91	21.09	24.55	24.75	24.89	22.51	22.70	22.52
		1	1	28.32	28.00	28.34	24.62	24.18	24.46	27.88	28.07	28.10	25.85	26.03	25.78
		1	160	27.91	27.97	28.13	24.04	24.33	24.25	28.27	28.04	28.17	25.93	25.86	26.03
		1	161	24.55	24.78	24.80	20.61	20.84	20.86	24.72	24.71	24.87	22.58	22.48	22.67
		81	40	28.68	28.70	28.64	24.93	24.83	24.95	28.49	28.49	28.66	26.35	26.38	26.50
		162	0	27.77	27.75	27.79	24.02	23.96	23.97	27.67	27.65	27.73	25.51	25.46	25.59
	16QAM	1	0	25.33	25.33	25.30	21.64	21.56	21.62	25.20	25.20	25.40	23.07	23.09	23.13
		1	1	27.73	27.88	27.84	24.18	24.19	24.02	27.89	27.77	27.77	25.52	25.57	25.67
		1	160	27.87	27.83	27.72	24.01	24.20	24.16	27.83	27.74	27.90	25.56	25.56	25.62
		1	161	25.32	25.23	25.24	21.57	21.66	21.58	25.40	25.20	25.32	23.03	23.15	23.06
		81	40	27.89	27.81	27.72	24.17	24.01	24.00	27.79	27.73	27.77	25.60	25.64	25.62
		162	0	26.79	26.80	26.74	23.19	23.10	23.04	26.72	26.89	26.74	24.70	24.52	24.57
	64QAM	1	0	25.35	25.30	25.37	21.61	21.67	21.53	25.39	25.39	25.38	23.08	23.01	23.00
		1	1	26.22	26.27	26.31	22.63	22.66	22.53	26.27	26.36	26.20	24.19	24.21	24.17
		1	160	26.25	26.27	26.40	22.57	22.58	22.54	26.33	26.33	26.37	24.12	24.03	24.05
		1	161	25.38	25.20	25.20	21.65	21.61	21.54	25.24	25.23	25.35	23.12	23.19	23.00
		81	40	26.27	26.39	26.35	22.66	22.68	22.58	26.42	26.66	26.47	24.17	24.38	24.00
		162	0	26.27	26.54	26.34	22.54	22.65	22.69	26.55	26.66	26.56	24.27	24.37	24.17
	256QAM	1	0	24.49	24.40	24.26	20.63	20.58	20.65	24.40	24.62	24.36	22.57	22.12	22.40
		1	1	24.28	24.42	24.59	20.73	20.70	20.63	24.31	24.88	24.56	22.12	22.44	22.37
		1	160	24.22	24.24	24.60	20.60	20.71	20.74	24.44	24.68	24.49	22.37	22.09	22.10
		1	161	24.49	24.33	24.40	20.66	20.57	20.65	24.54	24.72	24.70	22.40	22.02	22.14
		81	40	24.35	24.64	24.50	20.55	20.98	20.65	24.58	24.98	24.66	22.48	22.67	22.11
		162	0	24.36	24.67	24.51	20.64	20.85	20.53	24.69	25.06	24.77	22.57	22.70	22.31

OUTPUT POWER FOR 5G NR n77 (70.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 9			ANT 4			ANT 7			ANT 8		
				649000	656000	663000	649000	656000	663000	649000	656000	663000	649000	656000	663000
70.0	BPSK	1	0	24.79	24.65	25.12	21.07	20.80	21.14	24.63	24.74	24.95	22.52	22.58	22.66
		1	1	28.21	28.08	28.45	24.45	24.36	24.53	27.91	28.05	28.29	26.04	26.04	26.40
		1	187	27.84	28.11	28.20	23.78	24.26	24.19	28.31	28.26	28.32	25.92	25.62	26.39
		1	188	24.37	24.79	24.96	20.43	20.87	20.78	24.97	24.86	24.84	22.40	22.23	22.64
		90	45	28.70	28.70	28.70	25.00	25.00	25.00	28.70	28.70	28.70	26.50	26.50	26.50
		180	0	28.21	28.36	28.37	24.45	24.57	24.50	28.39	28.23	28.29	26.10	25.95	26.09
	QPSK	1	0	24.77	24.59	25.06	21.03	20.78	21.10	24.53	24.70	24.72	22.50	22.51	22.60
		1	1	28.19	27.79	28.41	24.28	24.12	24.46	27.90	27.96	28.05	25.84	25.94	26.10
		1	187	27.69	28.07	28.12	23.68	24.22	24.05	28.21	28.20	28.26	25.85	25.61	26.07
		1	188	24.36	24.79	24.91	20.35	20.85	20.76	24.77	24.68	24.78	22.33	22.16	22.58
		90	45	28.64	28.70	28.66	24.94	24.88	24.94	28.69	28.57	28.59	26.39	26.39	26.42
		180	0	27.81	27.83	27.89	24.03	24.00	24.04	27.84	27.79	27.83	25.64	25.56	25.62
	16QAM	1	0	25.30	25.30	25.25	21.52	21.63	21.52	25.28	25.25	25.20	23.15	23.05	23.10
		1	1	27.79	27.89	27.84	24.16	24.07	24.05	27.74	27.71	27.73	25.67	25.50	25.53
		1	187	27.71	27.80	27.74	24.07	24.01	24.01	27.81	27.75	27.76	25.55	25.58	25.64
		1	188	25.21	25.20	25.22	21.61	21.65	21.54	25.37	25.39	25.29	23.20	23.14	23.01
		90	45	27.83	27.78	27.74	24.01	24.04	24.13	27.72	27.89	27.71	25.63	25.52	25.52
		180	0	26.83	26.88	26.82	23.05	23.05	23.19	26.78	26.79	26.75	24.53	24.52	24.59
	64QAM	1	0	25.33	25.25	25.23	21.51	21.60	21.54	25.25	25.23	25.24	23.04	23.19	23.05
		1	1	26.29	26.27	26.35	22.66	22.58	22.56	26.34	26.32	26.36	24.19	24.19	24.02
		1	187	26.29	26.27	26.38	22.60	22.65	22.62	26.35	26.39	26.24	24.16	24.20	24.19
		1	188	25.28	25.22	25.36	21.66	21.55	21.58	25.23	25.31	25.30	23.10	23.20	23.03
		90	45	26.32	26.46	26.24	22.58	22.78	22.55	26.58	26.68	26.39	24.11	24.19	24.10
		180	0	26.37	26.52	26.21	22.50	22.71	22.55	26.65	26.79	26.51	24.27	24.18	24.17
	256QAM	1	0	24.34	24.23	24.41	20.52	20.85	20.84	24.54	24.43	24.54	22.22	22.08	22.25
		1	1	24.53	24.39	24.20	20.81	20.67	20.55	24.31	24.40	24.26	22.36	22.13	22.20
		1	187	24.57	24.35	24.51	20.90	20.59	20.78	24.32	24.36	24.41	22.35	22.08	22.03
		1	188	24.39	24.53	24.56	20.56	20.50	20.71	24.25	24.54	24.32	22.06	22.24	22.08
		90	45	24.38	24.59	24.51	20.57	20.93	20.88	24.76	24.99	24.66	22.24	22.25	22.13
		180	0	24.39	24.63	24.29	20.59	20.93	20.67	24.86	25.10	24.73	22.32	22.31	22.20

OUTPUT POWER FOR 5G NR n77 (80.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 9			ANT 4			ANT 7			ANT 8		
				649333	656000	662666	649333	656000	662666	649333	656000	662666	649333	656000	662666
80.0	BPSK	1	0	24.96	24.82	25.28	21.43	20.80	21.20	24.97	24.80	25.13	22.72	22.93	22.97
		1	1	28.40	27.93	28.51	24.81	24.02	24.52	28.20	28.30	28.56	26.01	26.22	26.30
		1	215	27.84	27.97	28.32	23.90	24.33	24.32	28.44	28.37	28.48	26.01	25.77	26.31
		1	216	24.49	24.77	24.94	20.71	21.03	20.97	24.95	24.84	24.97	22.68	22.42	22.60
		108	54	28.70	28.70	28.70	25.00	25.00	25.00	28.70	28.70	28.70	26.50	26.50	26.50
		216	0	28.29	28.31	28.27	24.64	24.42	24.47	28.36	28.24	28.37	26.22	26.11	26.09
	QPSK	1	0	24.91	24.52	25.18	21.43	20.79	21.15	24.61	24.58	24.95	22.61	22.81	22.87
		1	1	28.39	27.83	28.43	24.75	23.91	24.32	28.04	28.24	28.40	25.89	26.02	26.25
		1	215	27.74	27.91	28.24	23.77	24.30	24.12	28.33	28.31	28.01	25.89	25.66	26.01
		1	216	24.48	24.55	24.89	20.60	20.99	20.79	24.90	24.83	24.92	22.53	22.39	22.57
		108	54	28.57	28.68	28.65	24.95	24.86	24.99	28.66	28.63	28.61	26.43	26.46	26.42
		216	0	27.84	27.84	27.82	24.11	24.05	23.93	27.92	27.84	27.82	25.69	25.54	25.69
	16QAM	1	0	25.28	25.30	25.40	21.56	21.50	21.58	25.24	25.24	25.33	23.14	23.00	23.18
		1	1	27.81	27.83	27.86	24.10	24.03	24.13	27.74	27.70	27.70	25.54	25.69	25.69
		1	215	27.74	27.85	27.81	24.20	24.13	24.10	27.73	27.88	27.74	25.54	25.70	25.53
		1	216	25.30	25.30	25.34	21.58	21.64	21.65	25.31	25.39	25.40	23.15	23.06	23.18
		108	54	27.71	27.86	27.72	24.02	24.06	24.04	27.72	27.73	27.70	25.70	25.52	25.53
		216	0	26.80	26.73	26.83	23.08	23.04	23.17	26.89	26.82	26.81	24.63	24.50	24.66
	64QAM	1	0	25.20	25.23	25.28	21.62	21.67	21.67	25.24	25.24	25.27	23.17	23.16	23.07
		1	1	26.28	26.34	26.31	22.57	22.56	22.54	26.24	26.28	26.32	24.15	24.20	24.11
		1	215	26.40	26.29	26.20	22.69	22.64	22.50	26.49	26.41	26.24	24.16	24.16	24.19
		1	216	25.21	25.23	25.33	21.70	21.61	21.66	25.32	25.30	25.38	23.17	23.14	23.14
		108	54	26.20	26.46	26.22	22.71	22.72	22.50	26.61	26.63	26.38	24.18	24.15	24.15
		216	0	26.35	26.55	26.28	22.53	22.58	22.53	26.69	26.70	26.54	24.31	24.18	24.10
	256QAM	1	0	24.34	24.38	24.46	20.78	20.57	20.66	24.47	24.70	24.86	22.17	22.26	22.36
		1	1	24.34	24.38	24.22	20.57	20.61	20.54	24.21	24.79	24.70	22.23	22.13	22.29
		1	215	24.25	24.56	24.44	20.79	20.50	20.57	24.56	24.81	24.62	22.14	22.14	22.35
		1	216	24.37	24.21	24.47	20.87	20.78	20.82	24.61	24.58	24.20	22.03	22.39	22.03
		108	54	24.32	24.64	24.21	20.82	20.64	20.82	24.84	24.84	24.65	22.29	22.31	22.39
		216	0	24.37	24.68	24.24	20.89	20.69	20.57	24.97	24.95	24.75	22.40	22.28	22.05

OUTPUT POWER FOR 5G NR n77 (90.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 9			ANT 4			ANT 7			ANT 8		
				649666	656000	662333	649666	656000	662333	649666	656000	662333	649666	656000	662333
90.0	BPSK	1	0	25.17	24.43	25.17	21.13	20.97	21.07	24.57	24.81	25.12	22.58	22.62	22.81
		1	1	28.38	27.83	28.46	24.63	24.25	24.50	28.12	28.38	28.67	25.92	26.03	26.23
		1	243	28.31	28.18	28.21	24.36	24.32	24.18	28.62	28.15	28.45	25.94	25.91	26.24
		1	244	24.65	24.70	24.85	20.75	21.25	20.73	24.96	24.70	24.87	22.57	22.43	22.58
		120	60	28.70	28.70	28.70	25.00	25.00	25.00	28.70	28.70	28.70	26.50	26.50	26.50
		243	0	28.32	28.30	28.32	24.53	24.64	24.47	28.33	28.27	28.40	26.21	26.10	26.12
	QPSK	1	0	24.92	24.32	25.10	21.08	20.71	20.91	24.50	24.75	25.09	22.47	22.51	22.77
		1	1	28.36	27.69	28.39	24.43	24.13	24.47	27.93	28.25	28.46	25.83	25.99	26.22
		1	243	27.88	27.93	28.00	24.26	24.31	24.04	28.42	28.13	28.33	25.90	25.80	26.05
		1	244	24.61	24.61	24.83	20.68	21.00	20.69	24.87	24.69	24.81	22.49	22.31	22.47
		120	60	28.60	28.60	28.67	24.88	24.98	24.86	28.62	28.60	28.62	26.41	26.47	26.44
		243	0	27.85	27.85	27.85	24.03	24.18	24.04	27.91	27.90	27.98	25.69	25.59	25.65
	16QAM	1	0	25.22	25.36	25.39	21.53	21.64	21.60	25.23	25.24	25.37	23.10	23.19	23.02
		1	1	27.83	27.88	27.73	24.19	24.18	24.20	27.82	27.75	27.84	25.59	25.52	25.52
		1	243	27.84	27.76	27.72	24.17	24.20	24.04	27.78	27.79	27.70	25.58	25.70	25.53
		1	244	25.40	25.23	25.25	21.65	21.60	21.57	25.22	25.31	25.35	23.07	23.18	23.01
		120	60	27.72	27.71	27.80	24.04	24.21	24.05	27.70	27.78	27.72	25.54	25.55	25.51
		243	0	26.85	26.77	26.90	23.17	23.20	23.01	26.91	26.83	26.92	24.61	24.57	24.61
	64QAM	1	0	25.35	25.34	25.25	21.58	21.54	21.65	25.21	25.32	25.22	23.05	23.18	23.14
		1	1	26.27	26.40	26.23	22.66	22.58	22.55	26.36	26.25	26.31	24.16	24.02	24.00
		1	243	26.22	26.30	26.33	22.50	22.62	22.56	26.40	26.27	26.31	24.14	24.09	24.15
		1	244	25.38	25.36	25.28	21.67	21.50	21.59	25.23	25.22	25.31	23.00	23.11	23.18
		120	60	26.23	26.44	26.25	22.54	22.81	22.55	26.54	26.64	26.45	24.19	24.15	24.13
		243	0	26.34	26.48	26.25	22.56	22.66	22.59	26.70	26.72	26.59	24.27	24.16	24.04
	256QAM	1	0	24.42	24.55	24.27	20.72	20.52	20.72	24.28	24.40	24.49	22.13	22.18	22.04
		1	1	24.37	24.49	24.46	20.53	20.69	20.77	24.50	24.78	24.73	22.24	22.08	22.21
		1	243	24.28	24.47	24.38	20.89	20.83	20.72	24.52	24.25	24.65	22.13	22.23	22.28
		1	244	24.24	24.49	24.60	20.79	20.90	20.51	24.42	24.89	24.45	22.29	22.06	22.25
		120	60	24.20	24.66	24.56	20.51	20.78	20.64	24.79	24.93	24.61	22.32	22.29	22.39
		243	0	24.36	24.68	24.21	20.63	20.73	20.71	24.92	25.04	24.73	22.38	22.25	22.36

OUTPUT POWER FOR 5G NR n77 (100.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 9			ANT 4			ANT 7			ANT 8		
				650000	656000	662000	650000	656000	662000	650000	656000	662000	650000	656000	662000
100.0	BPSK	1	0	25.02	24.09	25.22	21.08	20.41	21.16	24.45	25.09	25.28	22.46	22.71	22.66
		1	1	28.27	27.63	28.25	24.68	23.83	24.55	28.02	28.25	28.34	25.95	26.14	26.22
		1	271	28.18	27.87	27.92	24.24	24.07	24.22	28.21	27.96	28.32	25.72	25.72	26.11
		1	272	25.01	24.62	24.64	20.79	20.63	20.73	24.86	24.79	24.76	22.30	22.80	22.37
		135	67	28.70	28.70	28.70	25.00	25.00	25.00	28.70	28.70	28.70	26.50	26.50	26.50
		270	0	28.44	28.27	28.29	24.48	24.47	24.55	28.29	28.31	28.37	26.07	26.11	26.11
	QPSK	1	0	24.95	24.06	24.84	21.00	20.18	21.13	24.20	24.84	25.13	22.34	22.57	22.51
		1	1	28.17	27.60	28.10	24.59	23.75	24.37	27.77	28.03	28.20	25.89	26.07	26.15
		1	271	28.09	27.71	27.71	23.89	23.92	24.04	28.14	27.90	27.96	25.63	25.65	25.60
		1	272	24.86	24.41	24.61	20.78	20.59	20.58	24.86	24.75	24.67	22.26	22.33	22.33
		135	67	28.67	28.57	28.53	24.95	24.98	24.98	28.64	28.61	28.56	26.46	26.49	26.40
		270	0	28.03	27.76	27.79	24.04	24.06	24.21	27.84	27.88	27.92	25.58	25.56	25.67
	16QAM	1	0	25.35	25.28	25.36	21.51	21.54	21.59	25.29	25.36	25.23	23.12	23.02	23.05
		1	1	27.75	27.89	27.73	24.02	24.00	24.08	27.85	27.87	27.88	25.60	25.69	25.66
		1	271	27.71	27.79	27.76	24.12	24.07	24.03	27.82	27.77	27.90	25.50	25.65	25.64
		1	272	25.36	25.31	25.20	21.60	21.67	21.68	25.25	25.32	25.29	23.15	23.13	23.15
		135	67	27.81	27.82	27.85	24.13	24.06	24.09	27.73	27.70	27.70	25.55	25.53	25.55
		270	0	27.00	26.74	26.93	23.00	23.12	23.18	26.83	26.87	26.88	24.61	24.59	24.63
	64QAM	1	0	25.39	25.30	25.40	21.69	21.59	21.64	25.32	25.23	25.24	23.03	23.19	23.08
		1	1	26.22	26.23	26.23	22.50	22.52	22.66	26.39	26.26	26.26	24.13	24.03	24.13
		1	271	26.30	26.40	26.23	22.55	22.60	22.62	26.27	26.31	26.39	24.20	24.19	24.09
		1	272	25.39	25.34	25.26	21.58	21.66	21.70	25.30	25.34	25.36	23.17	23.15	23.06
		135	67	26.22	26.49	26.39	22.57	22.71	22.64	26.61	26.66	26.44	24.16	24.14	24.18
		270	0	26.46	26.49	26.47	22.61	22.66	22.55	26.65	26.76	26.61	24.22	24.11	24.04
	256QAM	1	0	24.40	24.51	24.55	20.52	20.82	20.88	24.53	24.31	24.45	22.33	22.29	22.27
		1	1	24.38	24.27	24.40	20.83	20.70	20.87	24.21	24.41	24.49	22.20	22.21	22.06
		1	271	24.25	24.32	24.51	20.85	20.86	20.65	24.44	24.23	24.28	22.25	22.31	22.26
		1	272	24.58	24.46	24.38	20.76	20.67	20.72	24.32	24.51	24.32	22.40	22.28	22.12
		135	67	24.40	24.67	24.40	20.63	20.78	20.51	24.84	24.88	24.61	22.21	22.17	22.00
		270	0	24.43	24.67	24.41	20.52	20.69	20.56	24.93	25.07	24.82	22.28	22.19	22.27

9. CONDUCTED TEST RESULTS

9.1. OCCUPIED BANDWIDTH

RULE PART(S)

FCC: §2.1049

LIMITS

For reporting purposes only.

TEST PROCEDURE

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

RESULTS

There is no limit required and power is the same for low, middle and high channel; therefore, only middle channel was tested.

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	8.651	9.72
	10MHz, QPSK			8.604	9.66
	10MHz, 16QAM			8.671	9.78
	15MHz, BPSK	36/0		12.941	14.20
	15MHz, QPSK			12.918	14.18
	15MHz, 16QAM			12.928	14.11
	20MHz, BPSK	50/0		17.947	19.26
	20MHz, QPSK			17.922	19.26
	20MHz, 16QAM			17.964	19.25
	25MHz, BPSK	64/0		22.942	24.46
	25MHz, QPSK			22.925	24.50
	25MHz, 16QAM			23.003	24.51
	30MHz, BPSK	75/0		26.923	28.77
	30MHz, QPSK			26.906	28.79
	30MHz, 16QAM			26.971	28.73
	40MHz, BPSK	100/0		35.898	37.99
	40MHz, QPSK			35.822	38.13
	40MHz, 16QAM			35.886	38.16
	50MHz, BPSK	128/0		45.869	48.44
	50MHz, QPSK			45.724	48.47
	50MHz, 16QAM			45.916	48.46
	60MHz, BPSK	162/0		58.126	61.09
	60MHz, QPSK			57.840	61.07
	60MHz, 16QAM			58.070	61.20
	70MHz, BPSK	180/0		64.652	68.28
	70MHz, QPSK			64.335	68.26
	70MHz, 16QAM			64.629	68.29
	80MHz, BPSK	216/0		77.505	81.48
	80MHz, QPSK			77.345	81.41
	80MHz, 16QAM			77.510	81.49
	90MHz, BPSK	243/0		87.039	91.59
	90MHz, QPSK			86.984	91.55
	90MHz, 16QAM			87.108	91.64
	100MHz, BPSK	270/0		96.730	101.8
	100MHz, QPSK			96.698	101.7
	100MHz, 16QAM			96.757	101.8
	100MHz, BPSK	1/0		0.597	1.01

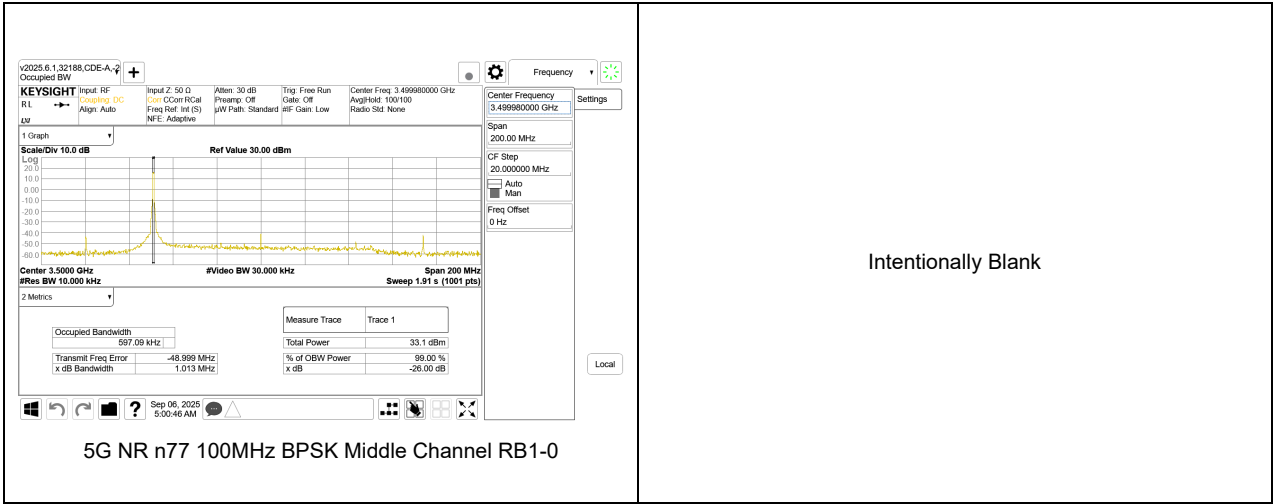
5G NR n77(FCC Part 27 3700-3980MHz)

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	8.608	9.56
	10MHz, QPSK			8.604	9.67
	10MHz, 16QAM			8.651	9.70
	15MHz, BPSK	36/0		12.923	14.14
	15MHz, QPSK			12.912	14.09
	15MHz, 16QAM			12.949	13.99
	20MHz, BPSK	50/0		17.925	19.11
	20MHz, QPSK			17.926	19.13
	20MHz, 16QAM			17.930	19.26
	25MHz, BPSK	64/0		22.962	24.32
	25MHz, QPSK			22.956	24.41
	25MHz, 16QAM			23.009	24.45
	30MHz, BPSK	75/0		26.922	28.54
	30MHz, QPSK			26.919	28.67
	30MHz, 16QAM			26.982	28.40
	40MHz, BPSK	100/0		35.902	37.85
	40MHz, QPSK			35.820	37.91
	40MHz, 16QAM			35.876	37.81
	50MHz, BPSK	128/0		45.778	48.36
	50MHz, QPSK			45.695	48.36
	50MHz, 16QAM			45.925	48.42
	60MHz, BPSK	162/0		58.019	61.06
	60MHz, QPSK			57.888	61.00
	60MHz, 16QAM			58.111	61.03
	70MHz, BPSK	180/0		64.405	68.13
	70MHz, QPSK			64.391	68.08
	70MHz, 16QAM			64.626	68.24
	80MHz, BPSK	216/0		77.365	81.29
	80MHz, QPSK			77.157	81.31
	80MHz, 16QAM			77.390	81.27
	90MHz, BPSK	243/0		86.843	91.44
	90MHz, QPSK			86.653	91.31
	90MHz, 16QAM			86.785	91.45
	100MHz, BPSK	270/0		96.633	101.5
	100MHz, QPSK			96.450	101.5
	100MHz, 16QAM			96.442	101.6
	100MHz, BPSK	1/0		0.631	1.01

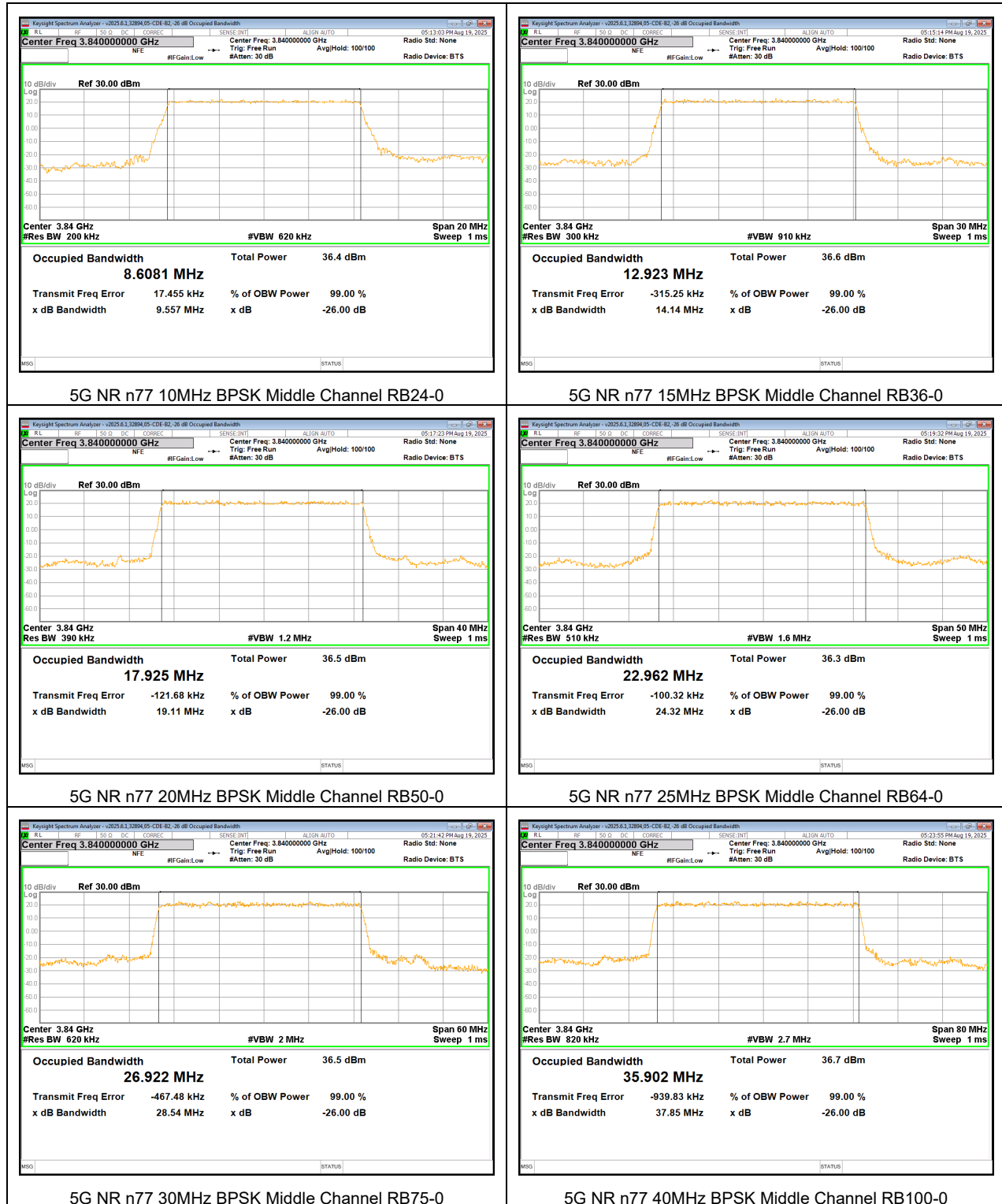
9.1.1. 5G NR n77 (FCC Part 27 3450-3550MHz)

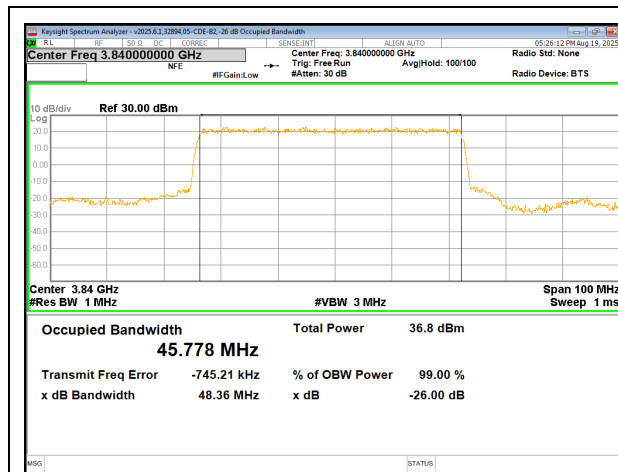




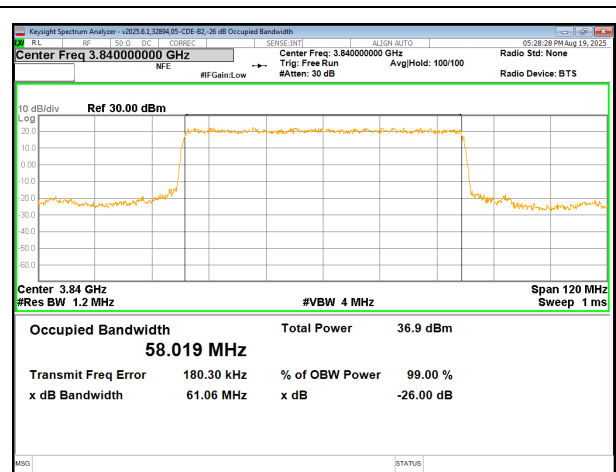


9.1.2. 5G NR n77 (FCC Part 27 3700-3980MHz)

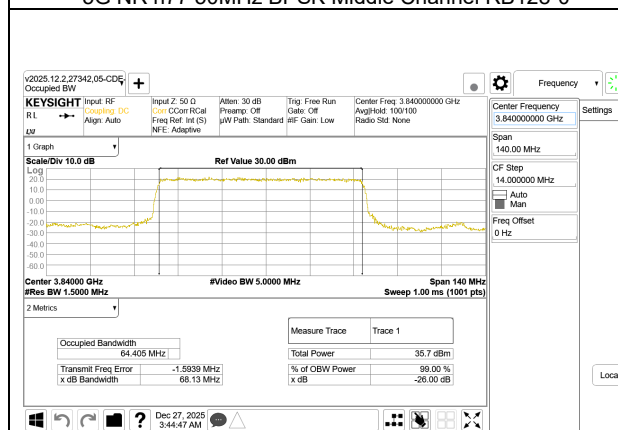




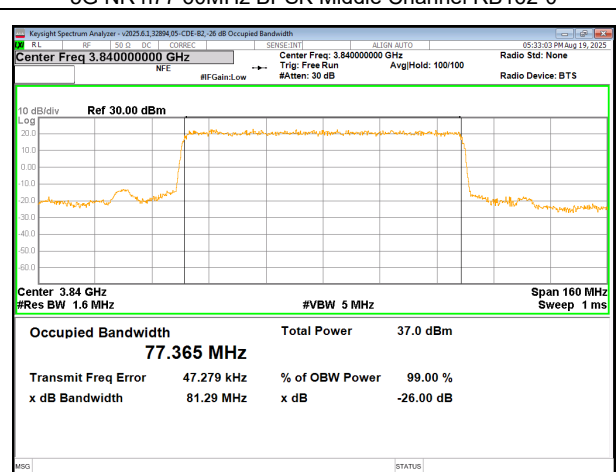
5G NR n77 50MHz BPSK Middle Channel RB128-0



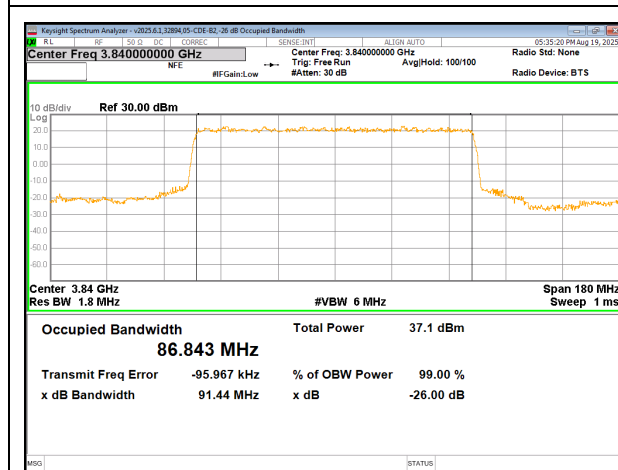
5G NR n77 60MHz BPSK Middle Channel RB162-0



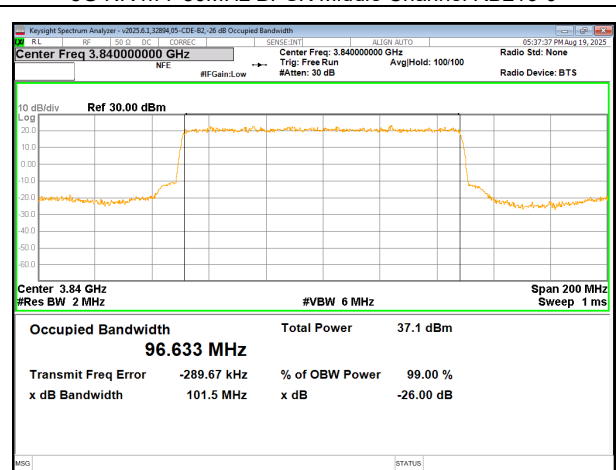
5G NR n77 70MHz BPSK Middle Channel RB180-0



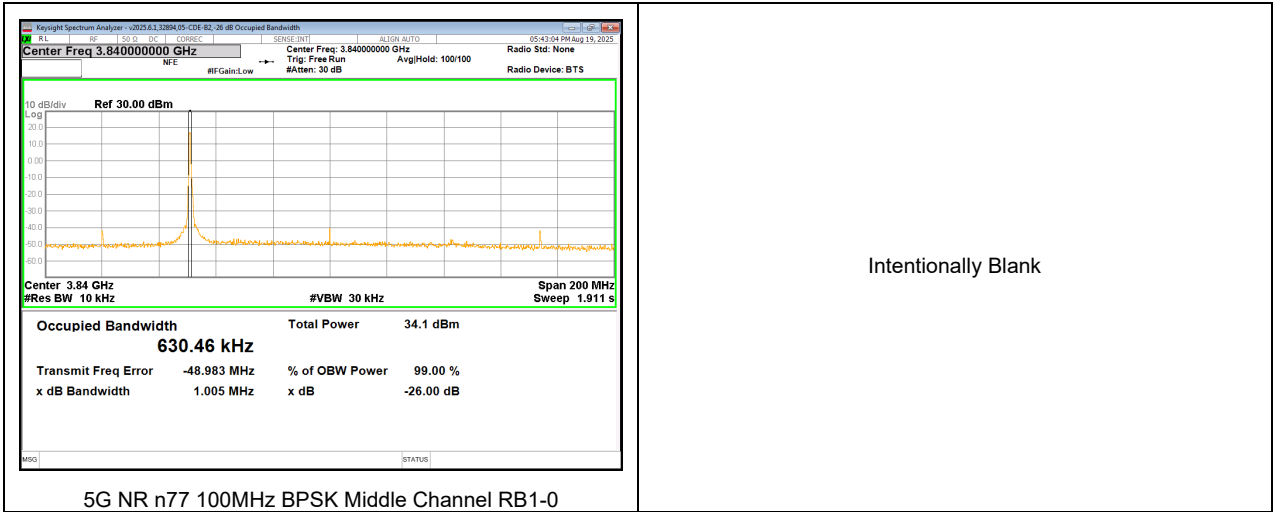
5G NR n77 80MHz BPSK Middle Channel RB216-0



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



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



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 was 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 required limits.
4. Set resolution bandwidth to at least 1% of emission bandwidth.

RESULTS

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

