

TEST REPORT

Report Number: 15496282-E22V5

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

Model : A3260

Brand : APPLE

FCC ID : BCG-E8948A

IC : 579C-E8948A

EUT Description : SMARTPHONE

Test Standard(s) : FCC 47 CFR PART 2, PART 22H, PART 90S, PART 25
ISED RSS-GEN ISSUE 5 + A1 + A2, RSS-132 ISSUE 4

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Revision History

Rev.	Issue Date	Revisions	Revised By
V1	2025-07-03	Initial Review	--
V2	2025-07-23	Address TCB questions section 2, 6.4, 9.2, and Updated Section 2 for SCS Requirement	Michael Vang/ Mengistu Mekuria
V3	2025-08-15	Revise section 6.5	Mengistu Mekuria
V4	2025-08-20	Updated Section 10	Eric Ting
V5	2025-08-22	Updated Section 10.1	Eric Ting

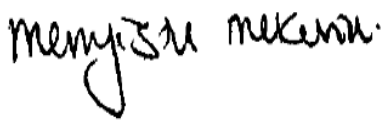
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1. ATTESTATION OF TEST RESULTS

Applicant Name and Address	APPLE, INC 1 APPLE PARK WAY CUPERTINO, CA 95014, U.S.A.	
Model	A3260	
Brand	APPLE	
FCC ID	BCG-E8948A	
IC	579C-E8948A	
EUT Description	SMARTPHONE	
Serial Number	RADIATED: MCF6WD23L5, FN7Q7DTPXJ, WG3N7QFT9G, AND TKH3GHH54K CONDUCTED: C07HF9000GC0000YGG, C07HGGJ001620000YGG, C07HF9000KW0000YGG,	
Sample Receipt Date	2025-01-08	
Date Tested	2025-02-27 to 2025-06-25	
Applicable Standards	FCC 47 CFR PART 2, PART 22H, PART 90S, PART 25 ISED RSS-GEN ISSUE 5 + A1 + A2, RSS-132 ISSUE 4	
Test Results	COMPLIES	
UL Verification Services Inc. tested the above equipment in accordance with the requirements set forth in the above standards. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report. The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein. It is the manufacturer's responsibility to assure that additional production units of this model are manufactured with identical electrical and mechanical components. All samples tested were in good operating condition throughout the entire test program. Measurement Uncertainties are published for informational purposes only and were not taken into account unless noted otherwise. This document may not be altered or revised in any way unless done so by UL Verification Services Inc. and all revisions are duly noted in the revisions section. Any alteration of this document not carried out by UL Verification Services Inc. will constitute fraud and shall nullify the document.		
Approved & Released By:	Reviewed By:	Prepared By:
		
Mengistu Mekuria Staff Laboratory Engineer UL Verification Services Inc.	Tewodros Woldemichael Laboratory Engineer UL Verification Services Inc.	Michael Vang 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	Band	Requirement Clause Number (FCC)	Result	Remarks
RF Conducted Output Power	26 (90S)	2.1046, 90.635 (b)	Complies	
Effective Radiated Power	5, 26 (22)	22.913 (a)(5)	Complies	
Occupied Bandwidth	5, 26	2.1049	Complies	
Band Edge and Emission Mask	5, 26	2.1051, 22.917 (a), 90.691 (a)	Complies	
Out of Band Emissions	5, 26	2.1051, 22.917 (a), 90.691 (a)	Complies	
Frequency Stability	5, 26	2.1055, 22.355, 90.539, 90.213	Complies	
Peak-to-Average Ratio	5, 26	22.913 (d)	Complies	
Field Strength of Spurious Radiation	5, 26	2.1053, 22.917 (a), 90.691 (a)	Complies	

Requirement Description	Requirement Clause Number (ISED)	Result	Remarks
Effective Radiated Power	RSS132§5.4	Complies	
Occupied Bandwidth	RSS132, RSS-GEN§6.7	Complies	
Band Edge and Emission Mask	RSS132§5.5	Complies	
Out of Band Emissions	RSS132§5.5	Complies	
Frequency Stability	RSS132§5.3	Complies	
Peak-to-Average Ratio	RSS132§5.4	Complies	
Field Strength of Spurious Radiation	RSS132§5.5	Complies	

SUPPLEMENTAL COVERAGE FROM SPACE (SCS)

Under section § 25.109 (f) of the FCC rules Space and SCS earth stations providing SCS are subject to technical rules in parts 2, 22, 24, and 27 of this chapter based on the operating frequency band. Section § 25.204 (g) specifies that earth stations providing SCS pursuant to §§ 25.125 and 25.115 shall comply with the power requirements and out-of-band emission limits corresponding to devices operating in parts 22, 24, or 27 of this chapter (e.g., §§ 22.913, 24.232, 27.50), as required for their operating frequencies. We have clarified through KDB inquiry that the technical requirements from Part 90R should be applied for SCS operations in the 700 MHz Public Safety Band.

The table below identifies the SCS frequencies available for use and, for each band, the applicable FCC Part 22, 24, 27, and 90R technical requirements, the air interfaces supported by the device for SCS use.

The bands available for SCS and the bands supported by the devices in the scope of this report are:

Band	Frequency		Part 22/24/27/90 Rule parts	3GPP Band	Supported	Applicable to This Report
	DL (MHz)	UL (MHz)				
600 MHz:	614-652	663-698	27.5 (c) 27.50 (c) 27.53 (g)	71/n71	Yes	No
700 MHz:	729 – 746	699 – 716	27.5 (c) 27.50 (c) 27.53 (g)	12/n12 17	Yes	No
	746 – 756	777 – 787	27.5 (b) 27.50 (b) 27.53 (f)	13/n13	Yes	No
	758-769	788-799	90R ^{Note 1}	14 / n14	Yes	No
	805-806 MHz				No	
800 MHz:	869-894	824-849	22H	WCDMA 5 5/n5 26/N26	Yes	Yes
Broadband PCS:	1930-1995	1850-1915	24E 24E	WCDMA 2 2/n2 25/n25	Yes	No
Note 1: Clarified through KDB inquiry that the technical requirements from Part 90R should be applied for SCS operations in the 700 MHz Public Safety Band.						

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.

ISED published lists of [normative test standards and acceptable alternatives procedures](#).

- ANSI C63.26:2015
- ANSI/TIA-603-E (2016)
- FCC 47 CFR Part 2, Part 22H, Part 90S, Part 25
- [FCC KDB 971168 D01](#): Power Meas License Digital Systems (ISED acceptable alternative procedure)
- [FCC KDB 971168 D02](#): Misc Rev Approv License Devices
- [FCC KDB 412172 D01](#): Determining ERP and EIRP
- [FCC KDB 273109 D02](#): Part 25 SCS and CMRS-Bands
- ISED RSS-Gen Issue 5 + A1 + A2, RSS-132 Issue 4

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 cellular GSM, GPRS, EGPRS, WCDMA, LTE, 5G NR1, 5G NR2, IEEE 802.11a/b/g/n/ac/ax/be, Bluetooth (BT), Ultra-Wideband (UWB), Global Positioning System (GPS), Near-Field Communication (NFC), Narrow-Band (NB) UNII, 802.15.4, 802.15.4ab-Narrow Band (NB), Wireless Power Transfer (WPT) and Mobile Satellite Service (MSS) technologies. The rechargeable battery is not user accessible. This device is not user-serviceable and requires special tools to disassemble.

6.2. MAXIMUM OUTPUT POWER

EIRP/ERP TEST PROCEDURE

ANSI C63.26:2015
KDB 971168 D01 Section 5.6

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

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 below tables contain the highest of all configurations conducted and peak EIRP output powers as follows:

LTE BAND 5

Part 22H/RSS 132									
ERP Limit (W)		7.00							
Antenna Gain (dBi) (ANT1)		-6.00							
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	ERP Average (dBm)	ERP Average (W)	99% BW (MHz)	99% BW (kHz)	Emission Designator
1.4	QPSK	824.7	848.3	25.68	17.53	0.057	1.088	1088	1M09G7W
	16QAM			24.74	16.59	0.046	1.097	1097	1M10D7W
3.0	QPSK	825.5	847.5	25.70	17.55	0.057	2.703	2703	2M70G7W
	16QAM			24.71	16.56	0.045	2.707	2707	2M71D7W
5.0	QPSK	826.5	846.5	25.70	17.55	0.057	4.508	4508	4M51G7W
	16QAM			24.74	16.59	0.046	4.493	4493	4M49D7W
10.0	QPSK	829.0	844.0	25.70	17.55	0.057	8.976	8976	8M98G7W
	16QAM			24.67	16.52	0.045	8.988	8988	8M99D7W

5G NR n5

Part 22H/RSS 132									
ERP Limit (W)		7.00							
Antenna Gain (dBi) (ANT1)		-6.00							
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	ERP Average (dBm)	ERP Average (W)	99% BW (MHz)	99% BW (kHz)	Emission Designator
5.0	BPSK	826.5	846.5	25.70	17.55	0.057	4.498	4498	4M50G7W
	QPSK			25.66	17.51	0.056	4.476	4476	4M48G7W
	16QAM			24.72	16.57	0.045	4.497	4497	4M50D7W
10.0	BPSK	829.0	844.0	25.68	17.53	0.057	8.975	8975	8M98G7W
	QPSK			25.70	17.55	0.057	8.965	8965	8M97G7W
	16QAM			24.73	16.58	0.045	8.984	8984	8M98D7W
15.0	BPSK	831.5	841.5	25.70	17.55	0.057	13.434	13434	13M4G7W
	QPSK			25.66	17.51	0.056	13.441	13441	13M4G7W
	16QAM			24.72	16.57	0.045	13.474	13474	13M5D7W
20.0	BPSK	834.0	839.0	25.66	17.51	0.056	17.920	17920	17M9G7W
	QPSK			25.70	17.55	0.057	17.885	17885	17M9G7W
	16QAM			24.61	16.46	0.044	17.920	17920	17M9D7W

ULCA LTE BAND 5

Part 22H/RSS 132									
ERP Limit (W)		7.00							
Antenna Gain (dBi) (ANT1)		-6.00							
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	ERP Average (dBm)	ERP Average (W)	99% BW (MHz)	99% BW (kHz)	Emission Designator
5+10	QPSK	826.5	844.0	25.70	17.55	0.057	13.808	13808	13M8G7W
	16QAM			24.78	16.63	0.046	13.826	13826	13M8D7W
10+5	QPSK	829.0	846.5	25.70	17.55	0.057	13.831	13831	13M8G7W
	16QAM			24.75	16.60	0.046	13.833	13833	13M8D7W
10+10	QPSK	829.0	844.0	25.70	17.55	0.057	18.720	18720	18M7G7W
	16QAM			24.75	16.60	0.046	18.721	18721	18M7D7W

LTE BAND 26 (FCC Part 90S)

Part 90S								
Conducted Limit (W)		100.00						
Antenna Gain (dBi) (ANT1)		-6.00						
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	Conducted Average (W)	99% BW (MHz)	99% BW (kHz)	Emission Designator
1.4	QPSK	814.7	823.3	25.70	0.372	1.093	1093	1M09G7W
	16QAM			24.71	0.296	1.097	1097	1M10D7W
3.0	QPSK	815.5	822.5	25.70	0.372	2.700	2700	2M70G7W
	16QAM			24.70	0.295	2.704	2704	2M70D7W
5.0	QPSK	816.5	821.5	25.70	0.372	4.497	4497	4M50G7W
	16QAM			25.06	0.321	4.502	4502	4M50D7W
10.0	QPSK	819.0	819.0	25.70	0.372	8.977	8977	8M98G7W
	16QAM			24.70	0.295	8.971	8971	8M97D7W

5G NR n26 (FCC Part 90S)

Part 90S								
Conducted Limit (W)		100.00						
Antenna Gain (dBi) (ANT1)		-6.00						
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	Conducted Average (W)	99% BW (MHz)	99% BW (kHz)	Emission Designator
5.0	BPSK	816.5	821.5	25.60	0.363	4.494	4494	4M49G7W
	QPSK			25.70	0.372	4.471	4471	4M47G7W
	16QAM			24.76	0.299	4.485	4485	4M49D7W
10.0	BPSK	819.0	819.0	25.69	0.371	8.958	8958	8M96G7W
	QPSK			25.70	0.372	8.971	8971	8M97G7W
	16QAM			25.05	0.320	8.989	8989	8M99D7W

LTE BAND 26 (FCC Part 22)

Part 22									
ERP Limit (W)		7.00							
Antenna Gain (dBi) (ANT1)		-6.00							
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	ERP Average (dBm)	ERP Average (W)	99% BW (MHz)	99% BW (kHz)	Emission Designator
1.4	QPSK	824.7	848.3	25.70	17.55	0.057	1.095	1095	1M10G7W
	16QAM			24.73	16.58	0.045	1.094	1094	1M09D7W
3.0	QPSK	825.5	847.5	25.70	17.55	0.057	2.696	2696	2M70G7W
	16QAM			24.71	16.56	0.045	2.714	2714	2M71D7W
5.0	QPSK	826.5	846.5	25.70	17.55	0.057	4.502	4502	4M50G7W
	16QAM			24.73	16.58	0.045	4.505	4505	4M51D7W
10.0	QPSK	829.0	844.0	25.70	17.55	0.057	8.973	8973	8M97G7W
	16QAM			24.72	16.57	0.045	8.982	8982	8M98D7W

5G NR n26 (FCC Part 22)

Part 22									
ERP Limit (W)		7.00							
Antenna Gain (dBi) (ANT1)		-6.00							
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	ERP Average (dBm)	ERP Average (W)	99% BW (MHz)	99% BW (kHz)	Emission Designator
5.0	BPSK	826.5	846.5	25.70	17.55	0.057	4.497	4497	4M50G7W
	QPSK			25.69	17.54	0.057	4.477	4477	4M48G7W
	16QAM			24.70	16.55	0.045	4.496	4496	4M50D7W
10.0	BPSK	829.0	844.0	25.69	17.54	0.057	8.974	8974	8M97G7W
	QPSK			25.70	17.55	0.057	8.963	8963	8M96G7W
	16QAM			24.70	16.55	0.045	8.984	8984	8M98D7W
15.0	BPSK	831.5	841.5	25.69	17.54	0.057	13.438	13438	13M4G7W
	QPSK			25.70	17.55	0.057	13.431	13431	13M4G7W
	16QAM			24.73	16.58	0.045	76.000	76000	76M0D7W
20.0	BPSK	834.0	839.0	25.70	17.55	0.057	17.920	17920	17M9G7W
	QPSK			25.70	17.55	0.057	17.882	17882	17M9G7W
	16QAM			24.71	16.56	0.045	17.924	17924	17M9D7W

6.3. SOFTWARE AND FIRMWARE

The EUT firmware installed during testing was version 1.50.69.

6.4. MAXIMUM ANTENNA GAIN AND MAXIMUM ALLOWED OUTPUT POWER

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

Bands	Frequency Range (MHz)	Antenna	Gain (dBi)	Max Allowed Conducted Output Power (dBm)	ERP/EIRP (dBm)
LTE Band 5 / 5G NR n5 / ULCA LTE Band 5	824 - 849	ANT1	-6.00	25.70	17.55
		ANT2	-6.10	25.70	17.45
		ANT3	-6.20	25.70	17.35
		ANT4			
LTE Band 26 / 5G NR n26 (FCC Part 90)	814 - 824	ANT1	-6.00	25.70	17.55
		ANT2	-6.10	25.70	17.45
		ANT3	-6.20	25.70	17.35
		ANT4			
LTE Band 26 / 5G NR n26 (FCC Part 22)	824 - 849	ANT1	-6.00	25.70	17.55
		ANT2	-6.10	25.70	17.45
		ANT3	-6.20	25.70	17.35
		ANT4			

6.5. WORST-CASE CONFIGURATION AND MODE

This report covers the following technologies:

- LTE Band 5, 5G NR n5, ULCA LTE Band 5
- LTE Band 26, 5G NR n26

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.

For ULCA, Band Edge and Emission Mask: The highest BW combo and sample lower BW combinations were tested. Combination pairs of the same BW are considered generally equivalent. The RB combinations were selected such that the signal is active closest to the band limit, as this is the worst case.

For ULCA, Out of Band Emissions: The highest combination and a sample lower combination was tested. The highest power RB combination was selected as worst case.

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

LTE and 5G NR Bands	Worst case Antenna Port
LTE Band 5 and 5G NR n5, ULCA LTE Band 5	Ant 2
LTE Band 26 and 5G NR n26	Ant 2

The EUT was investigated in three orthogonal orientations X/Y/Z on all available antennas 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	ANT3	ANT2	ANT1
663 – 849 MHz	X	X	X

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

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

6.6. DESCRIPTION OF TEST SETUP

Refer to Appendix A for description of test setup.

7. TEST AND MEASUREMENT EQUIPMENT

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

TEST EQUIPMENT LIST				
Description	Manufacturer	Model	Asset	Cal Due
Wideband Communication Test Set, Call Box	R&S GmbH & Co.	CMW500	85723	2026-02-28
Wideband Communication Test Set, Call Box	R&S GmbH & Co.	CMW500	230297	2026-02-28
EMI TEST RECEIVER	Rohde & Schwarz	ESW44	169936	2026-02-28
Antenna, Horn 1-18GHz	ETS Lindgren	3117	200897	2026-04-30
RF Filter Box, 1-18GHz, 12 Port	UL-FR1	Frankenstein	217255	2026-01-31
EMI TEST RECEIVER	Rohde & Schwarz	ESW44	223460	2026-02-28
RF Filter Box, 1-18GHz, 17 Port	UL-FR1	RATS 2	236726	2025-10-31
Antenna, Horn 1-18GHz	ETS Lindgren	3117	80403	2026-08-31
Antenna, Broadband Hybrid, 30MHz to 3GHz	Sunol Sciences Corp.	JB3	171863	2026-11-30
Amplifier 9 KHz - 1 GHz	SONOMA INSTRUMENT	310N	224490	2026-05-06
Antenna, Passive Loop 30Hz - 1MHz	ELECTRO-METRICS	EM-6871	170013	2025-07-31
Antenna, Passive Loop 100KHz - 30MHz	ELECTRO-METRICS	EM-6872	170015	2025-07-31
PXA Signal Analyzer	Keysight Technologies Inc	N9030B	262735	2026-03-30
PXA Signal Analyzer	Keysight Technologies Inc	N9030B	231912	2026-04-30
PXA Signal Analyzer	Keysight Technologies Inc	N9030B	259079	2026-02-28
PXA Signal Analyzer	Agilent Technologies Inc	N9030A	87738	2026-01-16
UXM 5G Wireless Test Platform	Keysight Technologies Inc	E7515B	MY59020604	2026-02-26
Wideband Communication Test Set, Call Box	Rohde & Schwarz	CMW500	230298	2026-02-28
Wideband Communication Test Set, Call Box	Rohde & Schwarz	CMW500	222793	2026-02-28
Conducted Switch Box	N/A	CSB	227264	2026-03-31
Conducted Switch Box	N/A	CSB	262286	2026-04-30
Conducted Switch Box	N/A	CSB	262288	2026-04-30
Conducted Switch Box	N/A	CSB	263817	2026-05-31
Filter, BRF 3400-3800MHz, 18GHz max	Micro-Tronics	BRM50711	217364	2025-09-30
Filter, BRF 2305-2315	Micro-Tronics	BRC20553	224186	2026-06-29
Power Sensor, P - series, 50MHz to 18GHz, Wideband	Keysight Technologies Inc	N1921A	257704	2026-03-31
Chamber, Environmental	Cincinnati Sub Zero	ZPHS-8-3.5-SCT/WC	89097	2025-10-31
Chamber, Environmental	Cincinnati Sub Zero	ZPHS-8-3.5-SCT/WC	82472	2025-08-31
UL AUTOMATION SOFTWARE				
Conducted Software	UL	CLT	Ver.2023.11.21.0 & .2024.3.20.0 & 2022.7.6.0 & 2023.6.21	
Conducted Software	UL	Power Measurement	Ver.2023.8.14 & 2022.4.29 & 2023.6.8	
Conducted Software	UL	Antenna Port	Ver.2022.8.16 & 2021.5.13	
Conducted Software	UL	Station Tool	Ver. 5.0 & 5.3 & 6.0 & 6.1	
Radiated Software	UL	UL EMC	Ver 9.5, May 1, 2023	

8. RF OUTPUT POWER VERIFICATION

CONDUCTED OUTPUT POWER MEASUREMENT PROCEDURE

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

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

RESULTS

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

8.1. LTE BAND 5

Test Engineer ID:	32061	Test Date:	2025-03-16
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OUTPUT POWER FOR LTE BAND 5 (1.4 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Ant 3			Ant 2			Ant 1		
				Conducted Average (dBm)			Conducted Average (dBm)			Conducted Average (dBm)		
				20407	20525	20643	20407	20525	20643	20407	20525	20643
1.4	QPSK	1	0	824.7 MHz	836.5 MHz	848.3 MHz	824.7 MHz	836.5 MHz	848.3 MHz	824.7 MHz	836.5 MHz	848.3 MHz
			1	25.36	25.28	25.46	25.17	25.19	25.54	25.00	25.02	25.05
			2	25.45	25.52	25.48	25.23	25.24	25.26	25.17	25.21	25.17
			5	25.31	25.31	25.38	25.20	25.22	25.36	25.02	25.04	24.96
			0	25.67	25.63	25.57	25.66	25.60	25.55	25.68	25.67	25.59
			4	25.70	25.58	25.63	25.70	25.62	25.60	25.59	25.59	25.66
			0	25.59	25.57	25.57	25.58	25.60	25.65	25.49	25.60	25.67
			1	25.63	24.62	25.47	25.56	25.69	25.59	25.54	25.56	25.57
			2	25.63	25.64	25.43	25.68	25.62	25.56	25.55	25.57	25.56
			0	24.62	24.67	24.99	24.69	24.59	24.19	24.53	24.53	24.54
			0	24.21	24.18	24.28	24.18	24.07	24.14	24.02	23.99	23.98
			2	24.19	24.16	24.25	24.10	24.14	24.16	24.05	24.23	24.11
	16QAM	1	5	24.13	24.19	24.31	24.14	24.17	24.16	23.90	24.00	23.93
			0	23.71	23.68	24.61	24.57	24.63	24.62	24.69	24.41	24.74
			4	23.63	24.59	24.64	24.67	24.64	24.53	24.66	24.66	24.62
			0	24.69	24.67	24.63	24.60	24.60	24.51	24.46	24.53	24.45
			1	24.64	24.58	24.67	24.69	24.64	24.65	24.47	24.49	24.48
			2	24.56	24.49	24.57	24.68	24.67	24.56	24.56	24.51	24.50
			0	23.57	23.43	23.73	23.66	24.54	24.65	23.36	23.41	23.34
			0	23.14	23.05	23.34	22.56	22.90	22.34	23.23	23.26	23.20
			2	23.39	23.12	22.99	22.74	22.80	22.66	23.32	23.42	23.37
			5	23.16	22.93	23.31	22.63	22.28	22.77	23.20	23.17	23.13
			0	23.32	23.33	23.18	23.13	23.38	23.21	23.41	22.87	23.07
			4	23.61	23.45	23.12	23.14	23.34	22.94	23.81	22.82	22.97
	64QAM	3	0	23.60	22.53	22.96	23.24	23.09	23.25	23.65	23.69	23.71
			1	23.68	22.61	23.06	23.27	23.19	23.34	23.71	23.75	23.74
			2	23.67	22.69	22.99	23.29	23.04	23.38	23.69	23.74	23.72
			0	22.69	22.45	22.34	22.25	22.12	22.33	22.55	22.59	22.58
			0	20.22	20.01	20.25	19.67	19.52	20.32	20.24	20.04	20.23
			2	20.11	20.20	19.91	19.75	19.45	20.02	20.55	20.33	20.25
			5	19.94	20.75	20.19	19.76	19.30	19.80	20.02	20.21	19.85
			0	20.25	20.17	20.02	20.11	20.50	20.25	20.85	20.02	20.08
			4	20.30	20.22	19.99	20.02	20.38	20.08	20.40	19.86	20.47
			0	20.47	20.36	19.99	20.00	20.25	20.36	20.64	20.51	20.56
			1	20.56	20.41	20.02	20.08	20.35	20.49	20.92	20.92	20.88
			2	20.57	20.42	20.91	20.18	20.28	20.46	20.73	20.39	20.67
	256QAM	6	0	20.39	20.36	20.75	20.29	20.25	20.16	20.64	20.53	20.55

OUTPUT POWER FOR LTE BAND 5 (3.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Ant 3			Ant 2			Ant 1		
				Conducted Average (dBm)			Conducted Average (dBm)			Conducted Average (dBm)		
				20415	20525	20635	20415	20525	20635	20415	20525	20635
3.0	QPSK	1	0	825.5 MHz	836.5 MHz	847.5 MHz	825.5 MHz	836.5 MHz	847.5 MHz	825.5 MHz	836.5 MHz	847.5 MHz
			1	25.19	25.33	25.49	25.15	25.37	25.25	25.04	25.05	25.01
			7	25.24	25.38	25.40	25.28	25.54	25.37	25.20	25.19	25.23
			14	25.35	25.29	25.58	25.31	25.44	25.24	25.05	24.99	24.96
			0	25.62	25.49	25.58	25.60	25.63	25.56	25.68	25.62	25.54
			13	25.58	25.49	25.70	25.64	25.70	25.58	25.66	25.70	25.65
			0	24.59	24.63	24.63	24.75	24.70	24.65	24.57	24.59	24.55
			4	24.61	24.60	24.69	24.72	24.66	24.65	24.61	24.62	24.57
			7	24.69	24.68	24.72	24.62	24.60	24.65	24.59	24.60	24.57
			0	24.69	24.62	24.51	24.28	24.53	24.46	24.56	24.58	24.54
	16QAM	1	0	24.23	24.24	24.17	24.15	23.29	24.11	23.97	24.00	23.93
			7	24.27	24.14	24.16	24.21	24.24	24.18	24.12	24.19	24.14
			14	24.20	23.99	23.35	24.12	24.29	24.19	23.95	23.96	23.92
			0	24.68	24.69	24.60	24.62	24.62	24.64	24.59	24.66	24.71
			13	24.62	24.68	24.66	24.63	24.59	24.70	24.63	24.59	24.67
			0	23.60	23.64	23.70	23.55	23.76	23.53	23.36	23.55	23.39
			4	23.53	23.99	23.70	23.72	23.53	23.66	23.39	23.42	23.42
			7	23.64	23.40	23.72	23.55	23.58	23.74	23.49	24.50	23.44
			0	23.68	23.76	22.79	23.65	24.54	23.76	23.34	23.36	23.36
	64QAM	1	0	23.16	22.95	22.54	22.64	22.43	23.23	23.13	23.19	23.23
			7	23.32	23.12	23.21	22.84	22.81	23.19	23.35	23.41	23.41
			14	23.43	22.84	23.28	22.80	22.93	22.81	23.19	23.20	23.19
			0	23.71	23.13	22.92	23.12	23.65	23.30	23.50	23.09	22.97
			13	23.59	23.38	22.79	23.13	23.20	22.93	23.51	23.01	23.02
			0	22.58	22.65	22.98	22.27	22.25	22.38	22.58	22.59	22.64
			4	22.60	22.60	22.96	22.30	22.27	22.38	22.61	22.63	22.66
			7	22.67	22.47	22.93	22.38	22.19	22.33	22.60	22.61	22.64
			0	22.54	22.38	22.89	22.23	22.26	22.25	22.54	22.54	22.55
	256QAM	1	0	20.91	19.67	20.00	19.73	19.79	20.10	20.23	20.58	20.65
			7	20.31	19.86	19.55	20.10	20.39	20.09	20.25	20.27	20.75
			14	20.05	19.73	19.67	20.26	19.89	19.92	19.96	20.54	20.03
			0	20.23	19.86	19.75	20.09	20.65	20.24	20.27	19.66	20.04
			13	20.36	20.16	20.05	20.09	20.25	20.04	19.98	19.92	19.62
			0	20.47	20.41	19.77	20.38	20.26	20.31	20.52	20.66	20.63
			4	20.53	20.41	19.90	20.17	20.44	20.28	20.53	20.68	20.43
			7	20.79	20.51	19.82	20.49	20.41	20.35	20.46	20.49	20.68
			0	20.64	20.23	19.65	20.22	20.42	20.27	20.58	20.61	20.59

OUTPUT POWER FOR LTE BAND 5 (5.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Ant 3			Ant 2			Ant 1		
				Conducted Average (dBm)			Conducted Average (dBm)			Conducted Average (dBm)		
				20425 826.5 MHz	20525 836.5 MHz	20625 846.5 MHz	20425 826.5 MHz	20525 836.5 MHz	20625 846.5 MHz	20425 826.5 MHz	20525 836.5 MHz	20625 846.5 MHz
5.0	QPSK	1	0	25.51	25.47	25.23	25.28	25.17	25.12	25.17	25.21	25.18
		1	12	25.48	25.63	25.29	25.32	25.31	25.32	25.16	25.17	25.09
		1	24	25.53	25.12	25.43	25.39	25.10	25.42	25.26	25.13	25.12
		2	0	25.52	25.55	25.70	25.67	25.60	25.61	25.70	25.60	25.50
		2	23	25.70	25.58	25.48	25.60	25.66	25.70	25.67	25.65	25.54
		12	0	24.69	24.66	24.53	25.68	24.65	24.53	24.67	24.63	24.60
		12	6	24.78	24.58	24.59	25.58	24.56	24.67	24.55	24.67	24.60
		12	11	24.68	24.55	24.68	24.63	24.66	24.56	24.52	24.68	24.66
		25	0	24.72	24.62	24.68	24.65	24.48	24.57	24.69	24.69	24.60
		1	0	24.23	24.24	24.14	24.04	24.10	24.08	24.22	24.26	24.18
	16QAM	1	12	24.28	24.19	24.25	24.19	24.16	24.11	24.21	24.21	24.19
		1	24	24.27	24.24	24.22	24.29	24.11	24.17	24.24	24.18	24.16
		2	0	24.64	24.65	24.48	24.70	24.60	24.68	24.61	24.35	24.46
		2	23	24.59	24.55	24.40	24.69	24.61	24.53	24.74	24.52	24.61
		12	0	23.60	23.68	24.07	23.51	23.72	23.64	23.42	23.49	23.39
		12	6	23.68	24.01	23.76	24.62	23.60	23.56	23.40	23.44	23.52
		12	11	23.62	23.73	23.72	23.67	23.51	23.57	23.42	23.44	23.47
		25	0	23.62	23.67	23.62	23.62	23.52	23.55	23.45	23.46	23.43
		1	0	23.33	23.23	23.27	22.82	22.86	23.19	23.39	23.58	23.47
		1	12	23.57	23.19	23.30	22.72	22.60	23.07	23.40	23.50	23.40
	64QAM	1	24	23.94	23.17	23.34	22.57	22.75	23.09	23.55	23.45	23.36
		2	0	23.50	23.78	23.56	23.27	23.77	23.26	23.38	23.45	23.37
		2	23	23.59	23.50	23.21	23.49	23.23	23.13	23.40	23.34	23.46
		12	0	22.64	22.60	22.21	22.31	22.36	22.37	22.63	22.68	22.62
		12	6	22.72	22.51	22.10	22.35	22.30	22.38	22.62	22.64	22.61
		12	11	22.78	22.46	22.99	22.35	22.28	22.36	22.63	22.62	22.66
		25	0	22.75	22.51	22.13	22.35	22.33	22.35	22.64	22.64	22.61
		1	0	20.22	20.07	19.99	19.99	19.94	20.00	20.30	20.44	20.41
		1	12	20.41	19.95	19.70	20.01	20.17	20.16	20.19	20.33	20.40
		1	24	20.72	19.93	19.41	20.01	20.31	19.91	20.32	20.28	20.41
	256QAM	2	0	20.45	20.29	20.55	20.22	20.83	20.25	20.10	20.66	20.37
		2	23	20.64	20.44	20.59	20.43	20.33	20.26	20.56	20.45	20.08
		12	0	20.55	20.47	20.19	20.25	20.28	20.38	20.60	20.68	20.62
		12	6	20.66	20.42	20.07	20.35	20.34	20.39	20.58	20.66	20.59
		12	11	20.70	20.39	19.91	20.35	20.42	20.37	20.59	20.64	20.63
		25	0	20.68	20.46	20.05	20.38	20.50	20.37	20.61	20.65	20.60

OUTPUT POWER FOR LTE BAND 5 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Ant 3			Ant 2			Ant 1		
				Conducted Average (dBm)			Conducted Average (dBm)			Conducted Average (dBm)		
				20450 829.0 MHz	20525 836.5 MHz	20600 844.0 MHz	20450 829.0 MHz	20525 836.5 MHz	20600 844.0 MHz	20450 829.0 MHz	20525 836.5 MHz	20600 844.0 MHz
10.0	QPSK	1	0	25.48	25.36	25.52	25.33	25.18	25.16	25.20	25.21	25.11
		1	24	25.56	25.23	25.34	25.23	25.07	25.09	25.08	25.25	25.27
		1	49	25.21	25.39	25.45	25.19	25.10	25.07	25.21	25.13	25.16
		2	0	25.63	25.51	25.70	25.64	25.55	25.62	25.64	25.70	24.54
		2	48	25.51	25.61	25.55	25.56	25.70	25.61	25.61	25.65	24.66
		25	0	24.83	24.71	24.65	24.60	24.65	24.55	24.63	24.65	24.62
		25	12	24.80	24.62	24.69	24.49	24.72	24.46	24.67	24.64	24.70
		25	24	24.85	24.61	24.55	24.49	24.53	24.52	24.63	24.63	24.62
		50	0	24.90	24.76	24.67	24.79	24.58	24.61	24.71	24.69	24.76
	16QAM	1	0	24.20	24.30	23.19	24.12	24.14	24.14	24.09	24.21	24.07
		1	24	24.25	24.23	24.17	24.10	24.01	24.12	24.22	24.16	24.25
		1	49	24.15	24.12	24.19	24.04	24.03	24.06	24.15	24.08	24.12
		2	0	24.65	24.52	24.57	24.71	24.62	24.62	24.37	24.42	24.54
		2	48	24.66	24.53	24.69	24.54	24.64	24.70	24.61	24.60	24.67
		25	0	23.64	23.70	23.59	23.46	23.59	23.65	23.38	23.47	23.41
		25	12	23.74	23.74	23.64	23.39	23.61	23.70	23.52	23.44	23.48
		25	24	23.68	23.65	23.74	23.57	23.65	23.68	23.46	23.41	23.40
		50	0	23.71	23.60	23.72	23.48	23.68	23.56	23.56	23.49	23.52
	64QAM	1	0	23.43	23.58	23.20	22.90	22.70	22.95	23.45	23.57	23.42
		1	24	23.98	23.22	23.24	23.00	22.59	23.07	23.55	23.44	23.55
		1	49	23.40	23.36	22.59	23.01	22.76	23.23	23.60	23.35	23.39
		2	0	23.32	23.85	23.37	23.21	23.61	23.27	23.03	23.28	23.28
		2	48	23.50	23.66	23.78	23.72	23.18	23.22	23.25	23.54	23.15
		25	0	22.78	22.67	22.34	22.46	22.37	22.35	22.64	22.69	22.64
		25	12	22.88	22.57	22.29	22.51	22.22	22.31	22.70	22.68	22.71
		25	24	22.87	22.44	22.14	22.48	22.24	22.38	22.67	22.67	22.64
		50	0	22.88	22.66	22.36	22.65	22.47	22.46	22.75	22.71	22.75
	256QAM	1	0	20.12	20.51	20.03	20.13	19.91	20.39	20.26	20.38	20.26
		1	24	20.69	20.73	20.10	20.14	20.23	20.00	20.35	20.26	20.40
		1	49	20.33	20.10	19.45	19.94	20.31	20.06	20.48	20.26	20.37
		2	0	20.53	20.48	20.42	20.19	20.63	20.16	20.08	20.36	20.53
		2	48	20.30	20.73	20.34	20.68	20.03	20.20	19.88	20.03	20.29
		25	0	20.65	20.58	20.34	20.46	20.37	20.52	20.63	20.68	20.61
		25	12	20.79	20.48	20.30	20.41	20.50	20.42	20.68	20.63	20.68
		25	24	20.76	20.55	20.12	20.37	20.52	20.40	20.64	20.61	20.62
		50	0	20.80	20.58	20.27	20.44	20.55	20.50	20.72	20.68	20.72

8.2. 5G NR n5

Test Engineer ID:	50822	Test Date:	2025-04-08
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OUTPUT POWER FOR 5G NR n5 (5.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Ant 3			Ant 2			Ant 1		
				Conducted Average (dBm)			Conducted Average (dBm)			Conducted Average (dBm)		
				165300	167300	169300	165300	167300	169300	165300	167300	169300
				826.5 MHz	836.5 MHz	846.5 MHz	826.5 MHz	836.5 MHz	846.5 MHz	826.5 MHz	836.5 MHz	846.5 MHz
5.0	BPSK	1	0	24.59	24.65	24.79	24.61	25.01	24.54	24.77	24.51	24.60
		1	1	25.17	25.04	25.08	25.25	25.18	25.22	25.02	25.07	25.12
		1	23	25.11	25.10	25.03	25.06	25.20	25.18	25.05	25.18	24.96
		1	24	24.54	24.58	24.57	24.61	24.71	24.80	24.51	24.64	24.69
		12	6	25.63	25.69	25.56	25.60	25.70	25.66	25.50	25.66	25.70
		25	0	25.20	25.20	25.13	25.27	25.32	24.90	25.14	25.15	25.22
	QPSK	1	0	24.18	24.16	24.17	24.06	24.20	24.06	24.03	24.07	24.14
		1	1	25.11	25.11	25.07	24.99	25.08	25.27	25.04	25.00	25.31
		1	23	25.17	25.18	25.04	25.40	25.28	25.16	25.12	25.13	25.13
		1	24	24.19	24.05	24.09	24.26	24.24	23.91	24.11	24.09	24.18
		12	6	25.67	25.66	25.65	25.68	25.67	25.65	25.57	25.60	25.66
		25	0	24.72	24.82	24.67	24.66	24.78	24.87	24.65	24.79	24.84
	16QAM	1	0	23.15	23.25	23.19	23.07	23.15	22.97	22.95	23.16	23.01
		1	1	24.18	24.10	24.42	23.91	23.90	24.30	24.07	24.03	23.89
		1	23	24.18	24.20	24.22	24.24	24.10	24.18	23.97	24.02	23.94
		1	24	23.30	23.15	23.15	22.95	23.34	23.31	22.94	22.81	23.18
		12	6	24.71	24.71	24.65	24.72	24.61	24.53	24.70	24.71	24.72
		25	0	23.67	23.66	23.67	23.74	23.70	23.78	23.63	23.74	23.69
	64QAM	1	0	22.65	22.81	22.54	22.78	22.35	22.60	22.60	22.73	22.76
		1	1	22.55	22.55	22.57	22.82	22.76	22.75	22.43	22.48	22.57
		1	23	22.50	22.62	22.50	22.76	22.41	22.80	22.62	22.55	22.60
		1	24	22.49	22.52	22.55	22.88	22.87	22.46	22.55	22.57	22.64
		12	6	23.17	23.21	23.09	23.10	23.05	23.29	23.13	23.18	23.28
		25	0	23.22	23.27	23.11	23.34	23.17	23.07	23.19	23.31	23.28
	256QAM	1	0	20.76	20.83	20.75	19.44	21.49	20.37	20.84	20.96	20.85
		1	1	20.78	20.61	20.69	20.14	20.71	20.76	20.76	20.85	20.86
		1	23	20.69	20.55	20.42	20.66	21.33	20.01	20.82	20.80	20.73
		1	24	20.68	20.63	20.72	20.34	20.51	20.82	20.74	20.77	20.92
		12	6	21.11	21.19	21.12	21.14	21.84	19.98	21.18	21.27	21.33
		25	0	21.17	21.24	21.06	21.02	20.00	21.01	21.21	21.24	21.35

OUTPUT POWER FOR 5G NR n5 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Ant 3			Ant 2			Ant 1		
				Conducted Average (dBm)			Conducted Average (dBm)			Conducted Average (dBm)		
				165800	167300	168800	165800	167300	168800	165800	167300	168800
				829.0 MHz	836.5 MHz	844.0 MHz	829.0 MHz	836.5 MHz	844.0 MHz	829.0 MHz	836.5 MHz	844.0 MHz
10.0	BPSK	1	0	24.78	24.48	24.52	24.46	24.66	24.50	24.72	24.77	24.75
		1	1	25.22	25.10	25.01	25.16	25.03	25.27	25.21	25.14	25.08
		1	50	25.19	25.24	25.33	25.37	25.20	25.06	25.11	25.11	25.26
		1	51	24.75	24.78	24.58	24.58	24.71	24.68	24.80	24.58	24.67
		25	12	25.60	25.70	25.69	25.62	25.56	25.64	25.67	25.67	25.68
		50	0	25.23	25.24	25.19	25.36	24.96	25.21	25.23	25.28	25.27
	QPSK	1	0	24.18	24.11	24.23	24.32	23.86	24.18	24.20	24.28	24.38
		1	1	25.17	25.26	25.18	25.11	25.37	25.29	25.13	25.31	25.23
		1	50	25.14	25.16	25.18	24.79	25.13	24.93	25.19	25.12	25.13
		1	51	24.25	24.20	24.07	24.05	24.05	24.22	24.34	24.19	24.22
		25	12	25.70	25.66	25.63	25.39	25.70	25.67	25.67	25.70	25.70
		50	0	24.70	24.80	24.70	24.32	24.47	24.80	24.80	24.82	24.86
	16QAM	1	0	23.12	23.22	23.15	23.29	22.89	22.92	23.11	23.06	23.07
		1	1	24.07	24.08	24.30	23.82	24.07	23.93	23.99	24.12	24.10
		1	50	24.22	24.03	24.15	23.94	23.91	24.28	24.22	23.96	24.06
		1	51	23.36	23.19	23.37	23.18	22.82	23.11	23.08	23.05	23.15
		25	12	24.68	24.67	24.67	24.70	24.71	24.45	24.73	24.70	24.73
		50	0	23.79	23.83	23.71	23.42	23.45	23.67	23.76	23.82	23.86
	64QAM	1	0	22.92	22.66	22.54	22.37	22.84	22.47	22.61	22.68	22.77
		1	1	22.59	22.52	22.62	22.77	22.81	22.81	22.63	22.84	22.84
		1	50	22.85	22.84	22.58	22.29	22.57	22.78	22.71	22.53	22.65
		1	51	22.55	22.61	22.46	22.30	22.49	22.59	22.88	22.91	22.71
		25	12	23.24	23.29	23.26	23.20	22.93	22.78	23.32	23.33	23.30
		50	0	23.26	23.28	23.20	23.15	23.29	23.20	23.23	23.26	23.28
	256QAM	1	0	20.99	20.81	20.89	20.62	20.63	20.74	20.82	20.97	20.87
		1	1	20.61	20.95	20.67	20.35	20.69	20.63	20.94	21.04	20.94
		1	50	20.92	20.84	20.59	20.60	20.57	20.32	20.90	20.88	20.84
		1	51	21.07	20.71	20.62	20.48	20.42	20.61	21.05	20.86	21.02
		25	12	21.22	21.24	21.14	21.34	21.05	20.97	21.34	21.35	21.24
		50	0	21.21	21.25	21.17	21.02	21.26	21.05	21.34	21.41	21.31

OUTPUT POWER FOR 5G NR n5 (15.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Ant 3			Ant 2			Ant 1		
				Conducted Average (dBm)			Conducted Average (dBm)			Conducted Average (dBm)		
				166300	167300	168300	166300	167300	168300	166300	167300	168300
				831.5 MHz	836.5 MHz	841.5 MHz	831.5 MHz	836.5 MHz	841.5 MHz	831.5 MHz	836.5 MHz	841.5 MHz
15.0	BPSK	1	0	24.56	24.54	24.78	24.43	24.70	24.64	24.70	24.62	24.54
		1	1	25.03	25.26	25.19	25.09	25.23	25.09	25.13	25.06	25.05
		1	77	25.24	25.08	25.23	25.29	25.16	25.26	25.14	24.88	25.14
		1	78	24.54	24.49	24.67	24.54	24.64	24.54	24.68	24.56	24.50
		36	18	25.66	25.70	25.53	25.38	25.63	25.59	25.70	25.58	25.51
		75	0	25.41	25.38	25.50	25.38	24.85	25.08	25.25	25.15	25.13
	QPSK	1	0	24.12	24.18	24.08	23.92	24.15	24.39	24.26	24.16	24.20
		1	1	25.07	25.28	25.04	25.22	25.34	25.05	25.23	25.09	25.26
		1	77	25.20	25.43	24.96	25.00	25.12	25.22	25.13	25.01	24.99
		1	78	24.33	24.21	23.86	24.40	23.83	24.06	24.12	24.10	24.15
		36	18	25.60	25.63	25.60	25.70	25.53	25.69	25.66	25.63	25.56
		75	0	25.62	25.24	25.11	24.63	24.57	24.74	24.73	24.64	24.68
	16QAM	1	0	23.14	23.40	23.30	23.09	22.91	23.02	23.14	22.89	23.07
		1	1	24.14	24.22	24.16	24.04	23.96	24.08	23.89	23.86	23.82
		1	77	24.26	24.03	24.10	24.39	24.20	23.94	24.02	24.00	23.74
		1	78	23.28	23.19	23.38	22.99	23.19	23.27	23.12	22.98	22.74
		36	18	24.69	24.73	24.68	24.73	24.59	24.71	24.72	24.70	24.55
		75	0	23.81	24.09	24.14	23.77	23.79	23.55	23.73	23.69	23.53
	64QAM	1	0	22.65	22.51	22.29	22.61	22.54	22.43	22.70	22.59	22.23
		1	1	22.53	22.54	22.64	22.60	22.57	22.38	22.70	22.55	22.70
		1	77	22.81	22.51	22.76	22.43	22.95	22.87	22.68	22.58	22.44
		1	78	22.57	22.46	22.47	22.77	22.58	22.88	22.52	22.45	22.15
		36	18	23.15	23.28	23.15	23.24	23.29	22.94	23.25	23.28	23.03
		75	0	23.65	23.72	23.68	22.88	23.28	22.93	23.28	23.21	23.06
	256QAM	1	0	20.86	20.68	20.75	20.71	20.39	20.39	21.20	20.86	20.77
		1	1	20.77	20.62	20.66	20.53	20.38	20.71	20.89	20.79	20.62
		1	77	20.69	20.97	20.54	20.85	20.72	20.87	20.88	20.85	20.54
		1	78	20.64	20.64	20.51	20.69	20.47	21.59	20.63	20.73	20.60
		36	18	21.15	21.12	21.09	21.08	21.23	21.94	21.28	21.25	21.00
		75	0	21.63	21.60	21.74	20.95	21.36	21.05	21.24	21.23	20.92

OUTPUT POWER FOR 5G NR n5 (20.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Ant 3			Ant 2			Ant 1		
				Conducted Average (dBm)			Conducted Average (dBm)			Conducted Average (dBm)		
				166800	167300	167800	166800	167300	167800	166800	167300	167800
				834.0 MHz	836.5 MHz	839.0 MHz	834.0 MHz	836.5 MHz	839.0 MHz	834.0 MHz	836.5 MHz	839.0 MHz
20.0	BPSK	1	0	24.56	24.75	24.77	24.72	24.62	24.68	24.35	24.37	24.39
		1	1	25.24	25.39	25.33	24.85	24.81	25.55	24.86	25.01	25.03
		1	104	25.34	25.39	25.12	25.07	25.20	25.06	24.84	25.07	25.00
		1	105	24.58	24.48	24.49	24.84	24.47	24.75	24.44	24.36	24.43
		50	25	25.68	25.57	25.70	25.66	25.70	25.52	25.54	25.65	25.66
		100	0	25.15	25.18	25.10	25.03	24.86	25.36	25.03	25.20	25.18
	QPSK	1	0	24.10	24.13	24.21	23.84	24.25	23.88	24.05	23.99	24.06
		1	1	25.13	25.27	24.95	25.22	25.29	25.30	25.15	25.12	25.07
		1	104	25.05	24.99	25.15	25.07	25.32	25.12	25.03	25.17	25.31
		1	105	24.17	24.10	24.07	24.17	24.08	24.09	23.91	23.91	23.97
		50	25	25.60	25.70	25.59	25.33	25.60	25.40	25.54	25.70	25.51
		100	0	24.65	24.71	24.64	24.78	24.53	24.69	24.57	24.48	24.55
	16QAM	1	0	23.13	23.06	23.51	23.07	23.21	23.04	22.71	22.67	22.92
		1	1	24.19	24.30	24.35	24.01	24.30	24.17	23.86	23.76	23.80
		1	104	24.37	23.76	24.16	24.37	23.95	24.19	23.66	23.72	23.67
		1	105	23.22	22.80	22.96	23.07	22.95	22.88	22.69	22.73	22.87
		50	25	24.57	24.71	24.73	24.72	24.70	24.42	24.55	24.61	24.59
		100	0	23.60	23.71	23.62	23.84	23.60	23.83	23.59	23.45	23.64
	64QAM	1	0	22.45	22.43	22.27	22.87	22.46	22.69	22.45	22.35	22.47
		1	1	22.52	22.38	22.51	22.62	22.62	22.38	22.58	22.40	22.53
		1	104	22.52	22.77	22.76	22.85	22.44	22.58	22.43	22.40	22.49
		1	105	22.32	22.79	22.23	22.72	22.71	22.70	22.46	22.59	22.47
		50	25	23.09	23.18	23.04	23.25	23.22	22.96	23.00	23.00	23.00
		100	0	23.14	23.25	23.16	22.87	23.32	23.09	23.02	23.02	23.13
	256QAM	1	0	20.94	20.87	20.64	20.60	20.53	20.82	20.56	20.58	20.73
		1	1	20.95	20.68	20.59	20.39	20.82	20.32	20.64	20.62	20.62
		1	104	20.78	20.84	20.59	20.33	20.58	20.39	20.43	20.62	20.68
		1	105	20.47	20.53	20.28	20.54	20.47	20.83	20.47	20.64	20.48
		50	25	21.17	21.16	21.10	21.29	21.36	21.39	21.11	21.04	21.08
		100	0	21.09	21.16	21.09	21.34	20.83	21.36	21.10	21.10	21.01

8.3. ULCA LTE BAND 5

Test Engineer ID:	25780	Test Date:	2025-02-27
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OUTPUT POWER FOR ULCA LTE BAND 5 (5.0MHz + 10.0MHz)

Bandwidth	PCC Frequency (MHz)	SCC1 Frequency (MHz)	PCC RB				SCC1 RB				Conducted Average (dBm)											
			Size		Offset		Size		Offset		ANT 3				ANT 2				ANT 1			
			RB	Offset	RB	Offset	RB	Offset	RB	Offset	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
5MHz / 10MHz	826.5	833.7	1	24	1	0	25	0	50	0	25.70	24.76	23.89	20.96	25.69	24.77	23.80	20.77	25.70	24.78	23.79	20.77
			25	0	50	0	23.83	22.89	22.86	20.94	23.91	22.84	22.83	20.90	23.84	22.85	22.87	20.89	23.84	22.85	22.87	20.89
	831.6	838.8	1	24	1	0	25	0	50	0	25.67	24.83	23.86	20.84	25.70	24.92	23.88	20.83	25.65	24.78	23.77	20.75
			25	0	50	0	23.90	22.91	22.89	20.99	23.99	22.94	22.93	20.99	23.92	22.93	22.87	20.91	23.92	22.93	22.87	20.91
	836.8	844.0	1	24	1	0	25	0	50	0	25.59	24.78	23.78	20.80	25.54	24.66	23.67	20.68	25.69	24.77	23.78	20.75
			25	0	50	0	23.89	22.91	22.90	20.97	23.90	22.92	22.93	20.95	23.87	22.88	22.83	20.87	23.87	22.88	22.83	20.87

OUTPUT POWER FOR ULCA LTE BAND 5 (10.0MHz + 5.0MHz)

Bandwidth	PCC Frequency (MHz)	SCC1 Frequency (MHz)	PCC RB				SCC1 RB				Conducted Average (dBm)											
			Size		Offset		Size		Offset		ANT 3				ANT 2				ANT 1			
			RB	Offset	RB	Offset	RB	Offset	RB	Offset	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
10MHz/ 5MHz	829.0	836.2	1	49	1	0	50	0	25	0	25.70	24.87	23.79	20.88	25.63	25.55	24.78	21.70	25.70	24.75	23.84	20.83
			50	0	25	0	23.78	22.80	22.81	20.88	24.96	23.84	23.79	21.81	23.92	22.92	22.93	20.89	23.92	22.92	22.93	20.89
	834.3	841.5	1	49	1	0	50	0	25	0	25.63	24.61	23.69	20.81	25.47	25.55	24.66	21.50	25.66	24.73	23.76	20.75
			50	0	25	0	23.76	22.77	22.82	20.89	24.89	23.86	23.83	21.80	23.88	22.90	22.94	20.95	23.88	22.90	22.94	20.95
	839.3	846.5	1	49	1	0	50	0	25	0	25.60	24.61	23.72	20.79	25.70	25.66	24.73	21.63	25.59	24.70	23.66	20.73
			50	0	25	0	23.81	22.82	22.82	20.91	24.89	23.83	23.80	21.81	23.93	22.89	22.90	20.93	23.93	22.89	22.90	20.93

OUTPUT POWER FOR ULCA LTE BAND 5 (10.0MHz + 10.0MHz)

Bandwidth	PCC Frequency (MHz)	SCC1 Frequency (MHz)	PCC RB				SCC1 RB				Conducted Average (dBm)											
			Size		Offset		Size		Offset		ANT 3				ANT 2				ANT 1			
			RB	Offset	RB	Offset	RB	Offset	RB	Offset	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
10MHz/ 10MHz	829.0	838.9	1	49	1	0	50	0	1	49	15.43	15.56	15.37	15.56	15.40	15.42	15.43	15.49	15.42	15.45	15.49	15.45
			50	0	50	0	23.89	22.87	22.84	20.95	23.87	22.86	22.87	20.81	23.90	22.90	22.90	20.90	23.90	22.90	22.90	20.90
			1	49	1	0	50	0	1	49	15.49	15.44	15.36	15.37	15.38	15.35	15.41	15.43	15.43	15.47	15.52	15.56
			50	0	50	0	23.84	22.81	22.82	20.89	23.80	22.83	22.86	20.85	23.85	22.91	22.83	20.91	23.85	22.91	22.83	20.91
	831.5	841.4	1	49	1	0	50	0	1	49	15.68	15.44	15.36	15.37	15.38	15.35	15.41	15.43	15.43	15.47	15.52	15.56
			50	0	50	0	23.84	22.81	22.82	20.89	23.80	22.83	22.86	20.85	23.85	22.91	22.83	20.91	23.85	22.91	22.83	20.91
			1	49	1	0	50	0	1	49	15.68	15.44	15.36	15.37	15.38	15.35	15.41	15.43	15.43	15.47	15.52	15.56
			50	0	50	0	23.84	22.81	22.82	20.89	23.80	22.83	22.86	20.85	23.85	22.91	22.83	20.91	23.85	22.91	22.83	20.91
	834.1	844.0	1	49	1	0	50	0	1	49	15.51	15.37	15.50	15.50	15.25	15.22	15.23	15.32	15.46	15.57	15.37	15.40
			50	0	50	0	23.83	22.84	22.87	20.90	23.70	22.75	22.74	20.70	23.90	22.92	22.91	20.93	23.90	22.92	22.91	20.93
			1	49	1	0	50	0	1	49	15.51	15.37	15.50	15.50	15.25	15.22	15.23	15.32	15.46	15.57	15.37	15.40
			50	0	50	0	23.83	22.84	22.87	20.90	23.70	22.75	22.74	20.70	23.90	22.92	22.91	20.93	23.90	22.92	22.91	20.93

8.4. LTE BAND 26 (FCC Part 90S)

Test Engineer ID:	32546	Test Date:	2025-03-20
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OUTPUT POWER FOR LTE BAND 26 (1.4 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				Ant 3			Ant 2			Ant 1		
				26697	26740	26783	26697	26740	26783	26697	26740	26783
1.4	QPSK	1	0	24.97	25.03	25.01	25.01	25.07	25.10	24.97	24.98	25.14
			2	25.27	25.19	25.22	25.24	25.21	25.24	25.16	25.20	25.34
			5	25.20	25.00	25.11	25.06	25.17	25.02	24.88	25.02	25.23
		2	0	25.68	25.58	25.61	25.70	25.58	25.67	25.67	25.68	25.70
			4	25.70	25.67	25.59	25.70	25.59	25.61	25.62	25.61	25.67
			0	25.63	25.61	25.57	25.60	25.60	25.64	25.56	25.62	25.62
		3	1	25.65	25.68	25.57	25.68	25.69	25.70	25.60	25.60	25.57
			2	25.66	25.69	25.56	25.69	25.70	25.66	25.60	25.60	25.63
			0	24.65	24.60	24.62	24.60	24.69	24.76	24.79	24.53	24.70
	16QAM	1	0	24.30	24.14	24.14	24.14	24.13	24.11	24.37	23.98	24.26
			2	24.61	24.24	24.26	24.38	24.34	24.31	24.47	24.20	24.55
			5	24.53	24.10	24.22	24.17	24.15	24.02	24.11	24.02	24.43
		2	0	24.66	24.57	24.55	24.71	24.55	24.71	24.70	24.61	24.71
			4	24.71	24.56	24.70	24.71	24.56	24.74	24.63	24.57	24.68
			0	24.70	24.57	24.62	24.72	24.69	24.71	24.67	24.56	24.64
		3	1	24.62	24.64	24.67	24.69	24.71	24.73	24.68	24.66	24.70
			2	24.70	24.63	24.71	24.72	24.70	24.69	24.69	24.65	24.59
			0	23.71	23.50	23.54	23.58	23.53	23.52	23.51	23.56	23.68
	64QAM	1	0	23.29	23.02	22.91	23.18	23.11	23.15	23.36	23.04	23.33
			2	23.65	23.20	23.13	23.37	23.30	23.38	23.48	23.25	23.57
			5	23.40	22.92	22.94	23.23	23.04	22.93	23.19	23.01	23.38
		2	0	23.76	23.62	23.48	23.76	23.50	23.84	23.82	23.60	23.76
			4	23.86	23.58	23.63	23.64	23.55	23.85	23.65	23.63	23.89
			0	23.77	23.59	23.49	23.65	23.66	23.66	23.81	23.60	23.75
		3	1	23.77	23.67	23.60	23.72	23.73	23.74	23.71	23.68	23.86
			2	23.83	23.66	23.66	23.72	23.69	23.63	23.66	23.68	23.74
			0	22.68	22.52	22.50	22.57	22.52	22.56	22.61	22.50	22.69
	256QAM	1	0	20.21	20.16	19.85	19.94	20.10	20.04	20.37	19.94	20.24
			2	20.55	20.21	19.95	20.28	20.31	20.18	20.39	20.14	20.53
			5	20.23	19.99	19.99	20.12	20.14	19.94	20.32	20.05	20.37
		2	0	20.60	20.55	20.37	20.95	20.40	20.76	20.79	20.46	20.74
			4	20.73	20.50	20.46	20.71	20.43	20.74	20.77	20.54	20.90
			0	20.64	20.56	20.43	20.56	20.64	20.64	20.75	20.51	20.75
		3	1	20.74	20.59	20.52	20.63	20.68	20.67	20.77	20.60	20.81
			2	20.78	20.57	20.56	20.66	20.68	20.60	20.84	20.59	20.93
			0	20.61	20.50	20.38	20.53	20.56	20.59	20.59	20.50	20.68

OUTPUT POWER FOR LTE BAND 26 (3.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				Ant 3			Ant 2			Ant 1		
				26705	26740	26775	26705	26740	26775	26705	26740	26775
3.0	QPSK	1	0	25.00	25.02	24.96	25.15	25.19	25.21	25.07	25.06	25.09
			7	25.31	25.14	25.13	25.27	25.04	25.07	25.12	25.24	25.34
			14	25.15	25.03	25.15	25.17	25.13	25.08	24.97	25.03	25.26
		2	0	25.66	25.70	25.65	25.70	25.62	25.64	25.50	25.58	25.58
			13	25.61	25.51	25.63	25.64	25.63	25.62	25.59	25.54	25.70
			0	24.65	24.61	24.62	24.68	24.71	24.72	24.55	24.57	24.66
		8	4	24.71	24.65	24.66	24.72	24.68	24.76	24.54	24.69	24.75
			7	24.62	24.60	24.58	24.69	24.70	24.73	24.51	24.59	24.71
			0	24.60	24.60	24.58	24.59	24.70	24.73	24.55	24.60	24.73
	16QAM	1	0	24.43	24.25	24.00	24.04	24.24	24.01	24.38	24.06	24.16
			7	24.60	24.19	24.16	24.18	24.11	24.12	24.26	24.27	24.53
			14	24.48	24.06	24.18	24.18	24.19	24.15	24.03	24.01	24.47
		2	0	24.75	24.60	24.49	24.75	24.56	24.73	24.70	24.68	24.63
			13	24.72	24.50	24.68	24.60	24.63	24.70	24.57	24.51	24.66
			0	23.64	23.53	23.49	23.64	23.62	23.65	23.50	23.53	23.62
		8	4	23.72	23.53	23.51	23.67	23.64	23.70	23.57	23.57	23.71
			7	23.66	23.47	23.48	23.63	23.60	23.67	23.51	23.52	23.69
			0	23.61	23.47	23.46	23.54	23.58	23.63	23.55	23.58	23.68
	64QAM	1	0	23.21	23.18	22.94	23.20	23.02	23.28	23.29	23.03	23.21
			7	23.59	23.22	23.14	23.24	23.12	23.23	23.37	23.35	23.54
			14	23.48	23.02	23.06	23.06	23.21	23.23	23.13	23.15	23.46
		2	0	23.74	23.68	23.43	23.72	23.50	23.76	23.92	23.51	23.69
			13	23.79	23.53	23.59	23.50	23.58	23.82	23.58	23.55	23.91
			0	22.67	22.55	22.51	22.63	22.63	22.66	22.59	22.57	22.69
		8	4	22.75	22.54	22.55	22.80	22.65	22.69	22.63	22.65	22.79
			7	22.68	22.50	22.52	22.62	22.57	22.67	22.55	22.62	22.75
			0	22.59	22.52	22.44	22.64	22.58	22.66	22.57	22.56	22.71
	256QAM	1	0	20.24	20.26	19.83	20.23	20.15	20.19	20.39	19.98	20.13
			7	20.64	20.19	20.02	20.18	20.09	20.09	20.42	20.15	20.49
			14	20.41	19.90	19.84	20.25	20.15	20.12	20.06	20.02	20.45
		2	0	20.61	20.67	20.33	20.79	20.39	20.69	20.77	20.55	20.66
			13	20.83	20.37	20.50	20.48	20.55	20.72	20.60	20.50	20.97
			0	20.62	20.56	20.36	20.55	20.62	20.64	20.66	20.54	20.67
		8	4	20.68	20.53	20.44	20.66	20.62	20.67	20.62	20.60	20.79
			7	20.66	20.43	20.34	20.61	20.58	20.63	20.52	20.58	20.73
			0	20.57	20.47	20.39	20.57	20.57	20.62	20.58	20.55	20.70

OUTPUT POWER FOR LTE BAND 26 (5.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				Ant 3			Ant 2			Ant 1		
				26715 816.5 MHz	26740 819.0 MHz	26765 821.5 MHz	26715 816.5 MHz	26740 819.0 MHz	26765 821.5 MHz	26715 816.5 MHz	26740 819.0 MHz	26765 821.5 MHz
5.0	QPSK	1	0	25.28	25.32	25.20	25.07	25.13	25.11	25.20	25.16	25.23
		1	12	25.32	25.21	25.23	25.17	25.23	25.17	25.18	25.22	25.19
		1	24	25.26	25.25	25.33	25.13	25.20	25.07	25.18	25.22	25.41
		2	0	25.69	25.69	25.70	25.69	25.64	25.70	25.62	25.63	25.69
		2	23	25.70	25.69	25.69	25.66	25.63	25.61	25.68	25.70	25.68
		12	0	24.72	24.72	24.68	24.55	24.58	24.56	24.59	24.63	24.68
		12	6	24.72	24.69	24.66	24.58	24.55	24.61	24.65	24.71	24.72
		12	11	24.74	24.66	24.67	24.57	24.54	24.60	24.63	24.66	24.74
		25	0	24.72	24.72	24.70	24.61	24.57	24.64	24.68	24.67	24.74
		25	23	24.72	24.72	24.72	24.72	24.74	24.65	24.73	24.72	25.06
	16QAM	1	0	24.72	24.63	24.26	24.30	24.25	24.20	24.56	24.28	24.29
		1	12	24.69	24.28	24.26	24.25	24.23	24.23	24.28	24.27	24.39
		1	24	24.40	24.33	24.44	24.23	24.28	24.14	24.27	24.38	24.71
		2	0	24.94	24.89	24.71	24.75	24.72	24.71	24.82	24.63	24.71
		2	23	24.72	24.72	24.87	24.72	24.74	24.65	24.73	24.72	25.06
		12	0	23.74	23.64	23.57	23.67	23.50	23.47	23.51	23.52	23.60
		12	6	23.72	23.60	23.54	23.51	23.57	23.50	23.57	23.62	23.64
		12	11	23.68	23.54	23.54	23.59	23.43	23.50	23.61	23.63	23.69
		25	0	23.68	23.60	23.59	23.51	23.50	23.53	23.67	23.66	23.66
		25	23	23.68	23.60	23.59	23.51	23.50	23.53	23.67	23.66	23.66
	64QAM	1	0	23.51	23.61	23.20	23.32	23.34	23.29	23.58	23.28	23.31
		1	12	23.63	23.30	23.21	23.26	23.27	23.27	23.33	23.30	23.38
		1	24	23.36	23.22	23.26	23.29	23.29	23.22	23.36	23.39	23.70
		2	0	23.94	23.98	23.68	23.78	23.73	23.64	23.74	23.68	23.75
		2	23	23.74	23.67	23.81	23.72	23.67	23.55	23.73	23.74	23.72
		12	0	22.71	22.65	22.56	22.57	22.48	22.46	22.65	22.58	22.63
		12	6	22.75	22.62	22.55	22.47	22.47	22.50	22.59	22.61	22.66
		12	11	22.70	22.56	22.55	22.47	22.51	22.53	22.60	22.62	22.73
		25	0	22.72	22.67	22.60	22.53	22.52	22.50	22.66	22.64	22.70
		25	23	22.72	22.67	22.60	22.53	22.52	22.50	22.66	22.64	22.70
	256QAM	1	0	20.39	20.67	20.26	20.18	20.30	20.14	20.66	20.30	20.21
		1	12	20.51	20.24	20.12	20.19	20.23	20.20	20.28	20.18	20.35
		1	24	20.36	20.19	20.27	20.20	20.26	20.15	20.25	20.30	20.67
		2	0	20.81	20.93	20.64	20.72	20.72	20.71	20.93	20.66	20.66
		2	23	20.63	20.57	20.67	20.74	20.70	20.61	20.61	20.73	21.08
		12	0	20.67	20.65	20.52	20.44	20.49	20.46	20.66	20.60	20.62
		12	6	20.71	20.58	20.48	20.50	20.46	20.52	20.63	20.59	20.67
		12	11	20.69	20.51	20.46	20.47	20.45	20.50	20.60	20.60	20.73
		25	0	20.66	20.58	20.51	20.48	20.47	20.52	20.65	20.60	20.68
		25	23	20.66	20.58	20.51	20.48	20.47	20.52	20.65	20.60	20.68
		25	23	20.66	20.58	20.51	20.48	20.47	20.52	20.65	20.60	20.68

OUTPUT POWER FOR LTE BAND 26 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				Ant 3			Ant 2			Ant 1		
				N/A	26740 819.0 MHz	N/A	N/A	26740 819.0 MHz	N/A	N/A	26740 819.0 MHz	N/A
10.0	QPSK	1	0		25.37			25.01			25.18	
		1	24		25.31			25.16			25.26	
		1	49		25.41			25.02			25.49	
		2	0		25.70			25.70			25.64	
		2	48		25.64			25.62			25.70	
		25	0		24.77			24.59			24.72	
		25	12		24.76			24.55			24.74	
		25	24		24.79			24.62			24.81	
		50	0		24.88			24.63			24.81	
		50	23		24.88			24.63			24.81	
	16QAM	1	0		24.58			24.24			24.46	
		1	24		24.32			24.23			24.25	
		1	49		24.43			24.06			24.65	
		2	0		25.04			24.73			24.70	
		2	48		24.75			24.69			24.61	
		25	0		23.78			23.53			23.67	
		25	12		23.68			23.48			23.65	
		25	24		23.68			23.61			23.73	
		50	0		23.79			23.55			23.74	
		50	23		23.79			23.55			23.74	
	64QAM	1	0		23.64			23.40			23.66	
		1	24		23.37			23.23			23.34	
		1	49		23.45			23.17			23.66	
		2	0		23.72			23.77			23.98	
		2	48		23.78			23.61			23.96	
		25	0		22.76			22.50			22.71	
		25	12		22.71			22.46			22.69	
		25	24		22.68			22.50			22.77	
		50	0		22.81			22.52			22.81	
		50	23		22.81			22.52			22.81	
	256QAM	1	0		20.53			20.14			20.29	
		1	24		20.23			20.13			20.24	
		1	49		20.21			20.02			20.52	
		2	0		20.84			20.77			20.70	
		2	48		20.66			20.64			20.84	
		25	0		20.74			20.47			20.70	
		25	12		20.67			20.47			20.64	
		25	24		20.59			20.53			20.72	
		50	0		20.72			20.53			20.78	
		50	23		20.72			20.53			20.78	

8.5. 5G NR n26 (FCC Part 90S)

Test Engineer ID:	32061	Test Date:	2025-03-22
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OUTPUT POWER FOR 5G NR n26 (5.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				Ant 3			Ant 2			Ant 1		
				163300 816.5 MHz	163800 819.0 MHz	164300 821.5 MHz	163300 816.5 MHz	163800 819.0 MHz	164300 821.5 MHz	163300 816.5 MHz	163800 819.0 MHz	164300 821.5 MHz
5.0	BPSK	1	0	24.85	24.82	24.85	24.69	24.60	24.68	24.78	24.69	24.79
		1	1	25.35	25.27	25.29	25.36	25.27	25.46	25.13	25.20	25.18
		1	23	25.36	25.25	25.18	25.21	25.19	25.26	25.20	25.24	25.24
		1	24	24.80	24.71	24.69	24.88	24.65	24.80	24.80	24.61	24.74
		12	6	25.70	25.53	25.68	25.70	25.59	25.65	25.54	25.52	25.60
		25	0	25.22	25.24	25.36	25.22	25.58	25.16	25.48	25.33	25.21
	QPSK	1	0	24.34	24.34	24.36	24.34	24.30	24.40	24.39	24.31	24.26
		1	1	25.30	25.27	25.44	25.39	25.40	25.46	25.33	25.27	25.34
		1	23	25.32	25.23	25.38	25.23	25.18	25.37	25.31	25.18	25.32
		1	24	24.30	24.21	24.31	24.57	24.21	25.54	24.42	24.16	24.35
		12	6	25.65	25.68	25.61	25.65	25.66	25.65	25.70	25.57	25.37
		25	0	24.73	24.68	24.86	24.81	24.51	24.64	24.92	24.86	24.77
	16QAM	1	0	23.36	23.15	23.18	23.31	23.39	23.01	23.14	23.17	23.20
		1	1	24.19	24.22	24.18	24.26	24.36	24.11	24.31	24.13	24.15
		1	23	24.47	24.17	24.16	24.16	24.21	24.16	24.01	24.06	24.16
		1	24	23.34	23.28	23.05	23.36	23.01	23.03	23.02	23.01	23.14
		12	6	24.71	24.71	24.64	24.64	24.73	24.55	24.61	24.76	24.74
		25	0	23.81	23.72	23.73	23.82	24.03	23.77	24.00	23.84	23.72
	64QAM	1	0	22.76	22.78	22.71	22.61	22.70	22.71	22.79	22.72	22.86
		1	1	22.71	22.74	22.69	22.53	22.70	22.67	22.79	23.02	22.80
		1	23	22.64	22.83	22.74	22.69	22.61	22.72	22.56	22.71	22.80
		1	24	22.78	22.68	22.76	22.71	22.38	22.79	22.69	22.68	22.81
		12	6	23.34	23.27	23.39	23.26	23.14	23.19	23.46	23.37	23.20
		25	0	23.22	23.29	23.24	23.34	23.28	23.35	23.55	23.40	23.27
	256QAM	1	0	20.83	21.03	20.88	20.67	20.89	20.79	20.88	20.83	21.03
		1	1	20.87	20.96	20.88	20.80	20.87	20.78	20.86	21.03	20.90
		1	23	20.85	20.90	20.81	20.83	20.87	20.82	20.93	20.88	20.92
		1	24	20.86	21.05	20.81	20.66	21.00	20.92	20.88	20.87	20.91
		12	6	21.53	21.53	21.29	21.27	21.25	21.36	21.38	21.28	21.26
		25	0	21.57	21.45	21.50	21.27	21.43	21.40	21.43	21.34	21.29

OUTPUT POWER FOR 5G NR n26 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				Ant 3			Ant 2			Ant 1		
				N/A N/A	163800 819.0 MHz	N/A N/A	N/A N/A	163800 819.0 MHz	N/A N/A	N/A N/A	163800 819.0 MHz	N/A N/A
10.0	BPSK	1	0		24.82			24.62			24.75	
		1	1		25.23			25.32			25.25	
		1	50		25.21			25.29			25.42	
		1	51		24.84			24.70			24.69	
		25	12		25.69			25.70			25.69	
		50	0		25.03			25.10			25.54	
	QPSK	1	0		24.28			24.57			24.37	
		1	1		25.21			25.33			25.39	
		1	50		25.13			25.44			25.28	
		1	51		24.23			24.28			24.35	
		25	12		25.70			25.68			25.70	
		50	0		24.83			24.63			25.07	
	16QAM	1	0		23.28			23.18			23.35	
		1	1		24.30			24.19			24.13	
		1	50		24.01			24.23			24.30	
		1	51		23.33			23.08			23.38	
		25	12		24.72			24.62			25.05	
		50	0		23.75			23.92			23.75	
	64QAM	1	0		22.67			22.86			22.83	
		1	1		23.08			22.87			22.95	
		1	50		22.89			22.70			22.86	
		1	51		22.97			22.72			22.91	
		25	12		23.35			23.30			23.28	
		50	0		23.34			23.29			23.60	
	256QAM	1	0		20.99			21.06			20.60	
		1	1		21.03			21.00			20.81	
		1	50		21.00			20.90			21.05	
		1	51		20.98			20.87			21.25	
		25	12		21.71			21.40			21.62	
		50	0		21.62			21.51			21.61	

8.6. LTE BAND 26 (FCC Part 22)

Test Engineer ID:	12482	Test Date:	2025-03-22
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OUTPUT POWER FOR LTE BAND 26 (1.4 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				Ant 3			Ant 2			Ant 1		
				26797	26915	27033	26797	26915	27033	26797	26915	27033
1.4	QPSK	1	0	25.11	25.12	25.18	25.12	25.20	25.11	25.13	25.12	25.08
			1	25.26	25.29	25.07	25.27	25.21	25.20	25.24	25.31	25.24
			5	25.15	25.13	25.17	25.56	25.21	25.18	25.05	25.07	25.06
		2	0	25.70	25.70	25.59	25.61	25.70	25.65	25.70	25.60	25.65
			2	25.69	25.70	25.53	25.68	25.65	25.64	25.69	25.61	25.64
			3	25.68	25.69	25.63	25.58	25.62	25.58	25.60	25.60	25.57
		3	1	25.67	25.68	25.64	25.60	25.65	25.61	25.66	25.67	25.57
			2	25.53	25.70	25.65	25.62	25.60	25.59	25.66	25.68	25.58
			6	24.76	24.74	24.76	24.60	24.77	24.53	24.63	24.65	24.56
	16QAM	1	0	24.25	24.09	24.03	24.11	24.57	24.31	24.19	24.21	24.17
			1	24.34	24.30	24.01	24.41	24.64	24.41	24.32	24.40	24.38
			5	24.28	24.08	23.98	24.25	24.37	24.09	24.23	24.20	24.09
		2	0	24.68	24.66	24.70	24.70	24.71	24.72	24.73	24.72	24.73
			4	24.73	24.64	24.62	24.69	24.71	24.61	24.72	24.69	24.73
			3	24.72	24.71	24.69	24.68	24.71	24.70	24.69	24.72	24.62
		3	1	24.71	24.72	24.53	24.59	24.59	24.70	24.71	24.69	24.69
			2	24.71	24.70	24.54	24.64	24.70	24.72	24.71	24.72	24.71
			6	23.61	23.61	23.41	23.74	23.79	23.57	23.62	23.62	23.58
	64QAM	1	0	22.95	23.07	22.93	22.50	23.53	23.38	23.29	23.33	23.25
			1	23.32	23.16	23.09	22.84	23.64	23.63	23.45	23.45	23.45
			5	23.20	23.04	22.84	22.54	23.47	23.18	23.29	23.25	23.21
		2	0	23.67	23.67	23.38	23.69	23.66	23.73	23.77	23.66	23.73
			4	23.70	23.64	23.36	23.73	23.72	23.59	23.75	23.68	23.73
			3	23.64	23.69	23.40	23.70	23.70	23.73	23.74	23.71	23.68
		3	1	23.70	23.65	23.46	23.72	23.68	23.70	23.76	23.76	23.74
			2	23.64	23.67	23.48	23.71	23.72	23.72	23.73	23.73	23.75
			6	22.56	22.60	22.32	22.55	22.81	22.57	22.70	22.67	22.64
	256QAM	1	0	19.94	20.15	19.82	20.16	20.48	20.19	20.27	20.28	20.18
			1	20.14	20.22	20.01	20.04	20.50	20.31	20.42	20.51	20.36
			5	20.07	20.10	19.75	20.14	20.38	20.21	20.20	20.28	20.13
		2	0	20.51	20.54	20.35	20.71	21.00	20.81	20.88	20.74	20.71
			4	20.59	20.46	20.29	20.64	20.92	20.67	20.84	20.69	20.76
			3	20.53	20.61	20.37	20.50	20.89	20.66	20.71	20.73	20.64
		3	1	20.63	20.63	20.44	20.64	20.94	20.75	20.78	20.83	20.68
			2	20.66	20.65	20.42	20.64	20.97	20.73	20.78	20.84	20.74
			6	20.56	20.54	20.32	20.73	20.78	20.56	20.64	20.70	20.55

OUTPUT POWER FOR LTE BAND 26 (3.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				Ant 3			Ant 2			Ant 1		
				26805	26915	27025	26805	26915	27025	26805	26915	27025
3.0	QPSK	1	0	25.21	25.12	25.00	25.27	25.35	25.20	25.22	25.14	24.94
			7	25.30	25.21	25.01	25.19	25.15	25.36	25.28	25.24	25.12
			14	25.29	25.14	25.04	25.01	25.21	24.92	25.15	25.13	25.06
		2	0	25.70	25.68	25.59	25.62	25.69	25.68	25.70	25.61	25.65
			13	25.70	25.64	25.64	25.61	25.70	25.67	25.64	25.66	25.67
			8	24.71	24.64	24.66	24.55	24.80	24.67	24.68	24.67	24.46
		8	4	24.75	24.66	24.65	24.70	24.80	24.62	24.68	24.64	24.49
			7	24.83	24.62	24.52	24.60	24.74	24.57	24.70	24.63	24.49
			15	24.73	24.64	24.65	24.73	24.78	24.58	24.70	24.60	24.46
	16QAM	1	0	24.11	24.09	24.09	24.16	24.54	24.42	24.31	24.24	24.02
			7	24.31	24.27	24.02	24.41	24.49	24.58	24.41	24.38	24.25
			14	24.36	24.14	23.88	24.29	24.32	24.10	24.23	24.29	24.02
		2	0	24.61	24.57	24.55	24.68	24.71	24.70	24.71	24.71	24.71
			13	24.70	24.64	24.66	24.70	24.72	24.59	24.71	24.69	24.62
			8	23.59	23.56	23.38	23.61	23.80	23.57	23.70	23.60	23.43
		8	4	23.65	23.55	23.35	23.66	23.80	23.66	23.71	23.64	23.48
			7	23.69	23.51	23.27	23.77	23.70	23.52	23.70	23.62	23.45
			15	23.61	23.54	23.34	23.73	23.72	23.57	23.65	23.56	23.40
	64QAM	1	0	23.01	23.11	23.18	22.61	23.45	23.36	23.40	23.35	23.05
			7	23.39	23.24	23.00	22.81	23.64	23.65	23.51	23.58	23.44
			14	23.46	23.15	22.73	22.68	23.28	23.18	23.24	23.47	23.17
		2	0	23.54	23.54	23.51	23.71	23.72	23.71	23.71	23.61	23.66
			13	23.70	23.57	23.28	23.60	23.72	23.58	23.71	23.64	23.63
			8	22.54	22.57	22.41	22.54	22.84	22.66	22.79	22.67	22.55
		8	4	22.61	22.58	22.41	22.62	22.82	22.68	22.80	22.71	22.64
			7	22.69	22.53	22.30	22.60	22.72	22.58	22.77	22.68	22.63
			15	22.54	22.50	22.35	22.58	22.74	22.55	22.72	22.55	22.55
	256QAM	1	0	19.82	19.97	20.12	20.34	20.49	20.32	20.43	20.22	20.06
			7	20.20	20.02	19.93	20.26	20.55	20.56	20.55	20.31	20.33
			14	20.34	19.93	19.64	20.18	20.30	20.22	20.23	20.17	20.08
		2	0	20.48	20.47	20.59	20.89	20.96	20.70	20.80	20.63	20.70
			13	20.91	20.49	20.20	20.75	20.82	20.65	20.78	20.66	20.74
			8	20.50	20.44	20.36	20.33	20.81	20.60	20.74	20.53	20.57
		8	4	20.58	20.44	20.27	20.74	20.87	20.61	20.77	20.57	20.59
			7	20.66	20.40	20.19	20.70	20.77	20.54	20.75	20.58	20.57
			15	20.54	20.43	20.28	20.63	20.76	20.53	20.70	20.51	20.55

OUTPUT POWER FOR LTE BAND 26 (5.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				Ant 3			Ant 2			Ant 1		
				26815 826.5 MHz	26915 836.5 MHz	27015 846.5 MHz	26815 826.5 MHz	26915 836.5 MHz	27015 846.5 MHz	26815 826.5 MHz	26915 836.5 MHz	27015 846.5 MHz
5.0	QPSK	1	0	25.19	25.13	25.26	25.22	25.12	25.22	25.35	25.31	25.28
		1	12	25.30	25.16	25.16	25.25	25.24	25.28	25.35	25.36	25.27
		1	24	25.36	25.18	24.85	25.06	25.35	25.03	25.36	25.29	25.33
		2	0	25.60	25.69	25.69	25.62	25.70	25.62	25.70	25.58	25.62
		2	23	25.70	25.68	25.68	25.64	25.69	25.58	25.68	25.58	25.62
		12	0	24.57	24.57	24.56	24.56	24.87	24.69	24.90	24.93	24.82
		12	6	24.68	24.53	24.51	24.53	24.84	24.69	24.88	24.92	24.79
		12	11	24.71	24.52	24.67	24.73	24.80	24.68	24.87	24.92	24.83
		25	0	24.71	24.58	24.52	24.76	24.85	24.76	24.90	24.94	24.72
	16QAM	1	0	24.12	24.27	24.18	24.23	24.62	24.36	24.61	24.60	24.34
		1	12	24.29	24.10	24.04	24.43	24.49	24.56	24.51	24.53	24.31
		1	24	24.32	24.20	24.28	24.06	24.43	24.32	24.54	24.55	24.39
		2	0	24.69	24.71	24.71	24.60	24.71	24.72	24.71	24.67	24.70
		2	23	24.66	24.67	24.57	24.69	24.72	24.72	24.72	24.73	24.63
		12	0	23.47	23.45	23.52	23.60	23.86	23.63	23.86	23.86	23.62
		12	6	23.63	23.41	23.39	23.62	23.79	23.63	23.84	23.84	23.67
		12	11	23.69	23.40	23.23	23.64	23.70	23.61	23.83	23.83	23.74
		25	0	23.69	23.47	23.42	23.59	23.76	23.60	23.86	23.87	23.67
	64QAM	1	0	23.08	23.22	23.59	22.76	23.61	23.34	23.64	23.71	23.46
		1	12	23.47	22.98	23.10	22.88	23.72	23.58	23.63	23.62	23.49
		1	24	23.76	23.13	22.72	23.04	23.40	23.67	23.67	23.62	23.54
		2	0	23.54	23.60	23.99	23.67	23.72	23.75	23.72	23.72	23.70
		2	23	24.07	23.60	23.25	23.51	23.75	23.71	23.71	23.67	23.64
		12	0	22.45	22.39	22.48	22.64	22.87	22.61	22.96	22.92	22.68
		12	6	22.60	22.40	22.31	22.51	22.84	22.65	22.92	22.90	22.68
		12	11	22.65	22.36	22.25	22.63	22.73	22.63	22.91	22.88	22.73
		25	0	22.62	22.47	22.42	22.76	22.81	22.65	22.91	22.91	22.68
	256QAM	1	0	19.99	20.16	20.51	20.24	20.58	20.17	20.75	20.63	20.33
		1	12	20.33	19.89	20.03	20.24	20.58	20.44	20.66	20.54	20.36
		1	24	20.54	19.99	19.62	20.41	20.32	20.38	20.63	20.52	20.44
		2	0	20.40	20.58	20.89	20.68	20.26	20.68	20.84	20.75	20.73
		2	23	20.94	20.48	20.17	20.71	20.79	20.83	20.84	20.81	20.76
		12	0	20.46	20.42	20.53	20.48	20.63	20.58	20.95	20.88	20.64
		12	6	20.57	20.35	20.40	20.27	20.80	20.59	20.90	20.87	20.62
		12	11	20.66	20.32	20.17	20.68	20.76	20.60	20.90	20.92	20.78
		25	0	20.59	20.39	20.40	20.71	20.76	20.62	20.91	20.94	20.70

OUTPUT POWER FOR LTE BAND 26 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				Ant 3			Ant 2			Ant 1		
				26840 829.0 MHz	26915 836.5 MHz	26990 844.0 MHz	26840 829.0 MHz	26915 836.5 MHz	26990 844.0 MHz	26840 829.0 MHz	26915 836.5 MHz	26990 844.0 MHz
10.0	QPSK	1	0	25.07	25.31	25.17	24.99	25.23	25.18	25.31	25.36	25.28
		1	24	25.41	25.17	25.36	24.99	25.30	25.15	25.34	25.30	25.26
		1	49	25.18	25.24	24.83	25.33	25.09	25.09	25.34	25.31	25.27
		2	0	25.68	25.70	25.69	25.66	25.68	25.68	25.70	25.66	25.64
		2	48	25.65	25.64	25.70	25.70	25.62	25.64	25.64	25.64	25.70
		25	0	24.78	24.70	24.73	24.43	24.75	24.62	24.81	24.81	24.83
		25	12	24.84	24.68	24.70	24.46	24.80	24.66	24.79	24.80	24.91
		25	24	24.75	24.74	24.61	24.59	24.76	24.75	24.86	24.78	24.79
		50	0	24.84	24.81	24.70	24.57	24.84	24.77	24.85	24.83	24.87
	16QAM	1	0	24.12	24.47	24.24	24.26	24.25	24.19	24.44	24.43	24.47
		1	24	24.52	24.15	24.56	24.10	24.45	24.15	24.43	24.42	24.40
		1	49	24.19	24.36	24.33	24.49	24.10	24.33	24.42	24.36	24.43
		2	0	24.67	24.72	24.68	24.54	24.70	24.65	24.53	24.71	24.71
		2	48	24.72	24.64	24.53	24.66	24.62	24.72	24.72	24.72	24.71
		25	0	23.71	23.61	23.63	23.39	23.69	23.47	23.77	23.87	23.74
		25	12	23.77	23.54	23.64	23.50	23.76	23.49	23.92	23.83	23.71
		25	24	23.72	23.57	23.55	23.46	23.68	23.64	23.77	23.80	23.70
		50	0	23.81	23.68	23.68	23.40	23.80	23.60	23.77	23.87	23.78
	64QAM	1	0	23.17	23.54	23.17	22.71	23.44	23.22	23.58	23.53	23.56
		1	24	23.64	23.11	23.64	22.94	23.63	23.15	23.48	23.40	23.42
		1	49	23.36	23.40	22.93	23.53	23.03	23.43	23.71	23.43	23.57
		2	0	23.65	23.74	23.72	23.75	23.72	23.59	23.71	23.72	23.71
		2	48	23.72	23.81	23.36	23.72	23.79	23.71	23.70	23.69	23.72
		25	0	22.70	22.59	22.65	22.64	22.68	22.54	22.85	22.88	22.82
		25	12	22.81	22.47	22.66	22.64	22.73	22.53	22.90	22.86	22.71
		25	24	22.75	22.54	22.50	22.51	22.69	22.58	22.82	22.85	22.72
		50	0	22.81	22.62	22.62	22.71	22.76	22.58	22.76	22.89	22.79
	256QAM	1	0	20.02	20.56	20.14	20.14	20.37	20.14	20.49	20.38	20.46
		1	24	20.56	19.82	20.55	20.03	20.72	20.04	20.54	20.35	20.30
		1	49	20.28	20.28	19.68	20.48	20.04	20.41	20.35	20.36	20.49
		2	0	20.57	20.71	20.65	20.81	20.86	20.55	20.75	20.81	20.65
		2	48	20.72	20.76	20.24	20.83	20.74	20.77	20.76	20.73	20.78
		25	0	20.67	20.55	20.63	20.67	20.69	20.57	20.81	20.76	20.82
		25	12	20.70	20.46	20.66	20.51	20.76	20.62	20.81	20.76	20.71
		25	24	20.75	20.49	20.48	20.43	20.61	20.53	20.74	20.72	20.76
		50	0	20.70	20.59	20.62	20.40	20.71	20.56	20.71	20.76	20.80

8.7. 5G NR n26 (FCC Part 22)

Test Engineer ID:	32061	Test Date:	2025-03-22
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OUTPUT POWER FOR 5G NR n26 (5.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				Ant 3			Ant 2			Ant 1		
				165300	167300	169300	165300	167300	169300	165300	167300	169300
5.0	BPSK	1	0	25.04	24.90	24.82	24.77	24.74	24.85	24.79	24.58	24.77
		1	1	25.36	25.37	25.35	25.23	25.21	25.22	25.13	25.26	25.27
		1	23	25.37	25.40	25.36	25.25	25.28	25.32	25.14	25.31	25.14
		1	24	24.78	24.91	24.92	24.77	24.77	24.71	24.72	24.75	24.66
		12	6	25.68	25.70	25.70	25.62	25.70	25.68	25.65	25.70	25.70
		25	0	25.23	25.24	25.32	25.17	25.25	25.23	25.34	25.12	25.03
	QPSK	1	0	24.41	24.41	24.42	24.38	24.20	24.23	24.28	24.34	24.26
		1	1	25.37	25.27	25.35	25.20	25.39	25.38	25.30	25.21	25.35
		1	23	25.29	25.31	25.26	25.32	25.38	25.35	25.35	25.33	25.22
		1	24	24.23	24.34	24.23	24.20	24.39	24.26	24.21	24.77	24.25
		12	6	25.64	25.70	25.54	25.65	25.56	25.70	25.69	25.53	25.68
		25	0	24.65	24.81	24.76	24.76	24.76	24.80	24.83	24.82	24.51
	16QAM	1	0	23.19	23.21	23.17	23.14	23.06	23.16	23.07	23.13	23.33
		1	1	24.37	24.20	24.15	24.17	24.18	24.15	24.06	24.20	24.21
		1	23	24.30	24.31	24.24	24.13	24.18	24.14	24.22	24.12	24.19
		1	24	23.17	23.18	23.26	23.24	23.03	23.14	23.26	23.17	23.11
		12	6	24.70	24.71	24.70	24.73	24.69	24.72	24.70	24.67	24.70
		25	0	23.79	23.75	23.73	23.76	23.84	23.79	23.79	23.90	23.70
	64QAM	1	0	22.76	22.88	22.80	22.81	22.88	22.77	22.82	22.79	22.62
		1	1	22.89	22.85	22.90	22.88	22.87	22.78	22.67	22.67	22.79
		1	23	22.79	22.84	23.00	23.30	22.77	22.70	22.74	21.56	22.88
		1	24	22.81	22.90	22.84	22.75	22.90	22.73	22.71	22.89	22.65
		12	6	23.23	23.33	23.24	23.22	23.38	23.22	23.30	23.42	23.49
		25	0	23.25	23.34	23.29	23.22	23.28	23.37	21.26	23.40	23.38
	256QAM	1	0	20.74	20.84	20.78	20.78	20.82	20.93	20.99	20.83	20.84
		1	1	20.79	20.77	20.88	20.82	20.99	20.88	20.85	20.69	20.90
		1	23	20.90	20.79	20.79	20.84	21.01	20.77	20.76	20.87	20.71
		1	24	20.88	20.73	20.88	20.95	20.84	20.70	20.60	20.73	20.80
		12	6	21.19	21.32	21.31	21.33	21.23	21.30	21.50	21.25	21.03
		25	0	21.23	21.30	21.26	21.25	21.22	21.28	20.50	21.32	21.33

OUTPUT POWER FOR 5G NR n26 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				Ant 3			Ant 2			Ant 1		
				165800	167300	168800	165800	167300	168800	165800	167300	168800
10.0	BPSK	1	0	24.73	24.79	24.80	24.81	24.82	24.88	24.78	24.84	24.86
		1	1	25.37	25.33	25.34	25.36	25.20	25.25	25.31	25.18	25.31
		1	50	25.23	25.23	25.16	25.34	25.32	25.31	25.33	25.14	25.38
		1	51	24.71	24.73	24.77	24.69	24.76	24.79	24.54	24.61	24.62
		25	12	25.68	25.70	25.65	25.61	25.70	25.63	25.69	25.66	25.66
		50	0	25.18	25.11	25.34	25.26	25.22	25.19	25.10	25.20	25.09
	QPSK	1	0	24.25	24.22	24.26	24.20	24.34	24.21	24.37	24.49	24.33
		1	1	25.21	25.39	25.24	25.21	25.23	25.33	25.18	25.30	25.34
		1	50	25.26	25.41	25.21	25.40	25.31	25.40	25.28	25.13	25.25
		1	51	24.34	24.27	24.36	24.17	24.22	24.28	24.70	24.37	24.57
		25	12	25.66	25.65	25.70	25.70	25.53	25.70	25.63	25.64	25.70
		50	0	24.72	24.87	24.72	24.79	24.78	24.84	24.62	24.88	24.64
	16QAM	1	0	23.21	23.20	23.54	23.12	23.21	23.11	23.12	23.19	23.19
		1	1	24.28	24.21	24.23	24.02	24.10	24.21	24.21	24.22	24.16
		1	50	24.16	24.33	24.26	24.32	24.24	24.01	24.05	24.18	24.14
		1	51	23.17	23.10	23.12	23.17	23.22	23.07	23.06	23.19	23.08
		25	12	24.70	24.70	24.70	24.71	24.71	24.68	24.70	24.65	24.67
		50	0	23.71	23.70	23.91	23.81	23.78	23.80	23.71	23.84	23.62
	64QAM	1	0	22.67	22.80	22.81	22.70	22.82	22.80	22.72	22.91	22.81
		1	1	22.65	22.62	22.85	22.89	22.70	22.80	22.70	22.76	22.92
		1	50	22.79	22.71	22.88	22.73	22.55	22.66	22.71	22.78	22.73
		1	51	22.68	22.82	22.85	22.89	22.55	22.90	22.85	22.94	22.93
		25	12	23.20	23.21	23.34	23.28	23.29	23.27	23.20	23.36	23.22
		50	0	23.22	23.25	23.37	23.27	23.02	23.22	23.19	23.35	23.22
	256QAM	1	0	20.71	20.69	20.64	20.87	20.55	20.70	20.83	20.73	20.81
		1	1	20.80	20.73	20.70	20.86	20.58	20.68	20.80	20.73	20.67
		1	50	20.86	20.73	20.66	21.12	20.66	20.89	20.76	20.82	20.74
		1	51	20.75	20.73	20.73	20.79	20.68	20.66	20.73	20.77	20.97
		25	12	21.19	21.21	21.37	21.32	21.04	21.30	21.44	21.32	21.39
		50	0	21.26	21.29	21.36	21.34	21.09	21.30	20.40	21.39	21.53

OUTPUT POWER FOR 5G NR n26 (15.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				Ant 3			Ant 2			Ant 1		
				166300	167300	168300	166300	167300	168300	166300	167300	168300
15.0	BPSK	1	0	24.56	24.56	24.67	24.79	24.69	24.85	24.75	24.70	24.85
		1	1	25.21	25.24	25.18	25.25	25.31	25.31	25.38	25.21	25.24
		1	77	25.24	25.16	25.24	25.27	25.27	25.29	25.32	25.26	25.25
		1	78	24.72	24.52	24.52	24.87	24.73	24.67	24.50	24.58	24.68
		36	18	25.69	25.70	25.60	25.68	25.70	25.70	25.64	25.66	25.69
		75	0	25.06	25.24	25.13	25.34	25.31	25.23	25.26	25.24	25.09
		1	0	24.07	24.07	24.21	24.22	24.21	24.17	24.19	24.21	24.33
		1	1	25.14	25.03	25.23	25.23	25.19	25.36	25.18	25.37	25.33
		1	77	25.04	25.02	25.20	25.31	25.18	25.30	25.24	25.34	25.26
		1	78	24.25	24.14	24.13	24.30	24.28	24.39	24.47	24.77	24.05
		36	18	25.70	25.70	25.63	25.70	25.69	25.70	25.70	25.62	25.70
		75	0	24.74	24.57	24.64	24.71	24.70	24.80	24.81	24.75	24.84
	QPSK	1	0	23.33	23.32	23.22	23.06	23.25	23.06	23.28	23.28	23.27
		1	1	24.30	24.14	24.55	24.08	24.20	24.19	24.20	24.21	24.20
		1	77	23.69	24.14	24.48	24.31	24.17	24.08	24.18	24.21	24.21
		1	78	23.39	23.16	23.31	23.22	23.34	23.19	23.23	23.16	23.18
		36	18	24.71	24.58	24.70	24.72	24.73	24.73	24.73	24.71	24.70
		75	0	23.73	23.82	23.63	23.67	23.90	23.72	23.74	23.77	23.82
		1	0	22.62	22.60	22.85	22.71	22.79	22.68	22.78	22.77	22.79
		1	1	22.66	22.46	22.61	22.75	22.72	22.70	22.92	22.80	22.80
		1	77	22.68	22.69	22.73	22.75	22.72	22.81	22.89	22.82	22.78
		1	78	22.71	22.81	22.69	22.82	22.73	22.85	22.80	22.78	22.88
		36	18	23.09	23.29	23.19	23.37	23.38	23.25	23.16	23.30	23.26
		75	0	23.08	23.38	23.21	23.19	23.17	23.30	23.48	23.34	23.27
	16QAM	1	0	20.63	20.44	20.63	20.83	20.90	21.05	20.47	20.77	20.76
		1	1	20.60	20.72	20.77	20.82	20.78	20.99	20.97	20.75	20.86
		1	77	20.59	20.74	20.79	20.78	21.08	21.05	20.48	20.77	20.73
		1	78	20.66	20.51	20.79	20.80	20.92	20.76	21.22	20.80	20.80
		36	18	21.12	20.99	20.77	21.18	21.18	21.27	21.40	21.21	21.25
		75	0	21.14	21.25	21.26	21.36	21.20	21.28	21.32	21.21	21.19
	64QAM	1	0	22.62	22.60	22.85	22.71	22.79	22.68	22.78	22.77	22.79
		1	1	22.66	22.46	22.61	22.75	22.72	22.70	22.92	22.80	22.80
		1	77	22.68	22.69	22.73	22.75	22.72	22.81	22.89	22.82	22.78
		1	78	22.71	22.81	22.69	22.82	22.73	22.85	22.80	22.78	22.88
		36	18	23.09	23.29	23.19	23.37	23.38	23.25	23.16	23.30	23.26
		75	0	23.08	23.38	23.21	23.19	23.17	23.30	23.48	23.34	23.27
	256QAM	1	0	20.63	20.44	20.63	20.83	20.90	21.05	20.47	20.77	20.76
		1	1	20.60	20.72	20.77	20.82	20.78	20.99	20.97	20.75	20.86
		1	77	20.59	20.74	20.79	20.78	21.08	21.05	20.48	20.77	20.73
		1	78	20.66	20.51	20.79	20.80	20.92	20.76	21.22	20.80	20.80
		36	18	21.12	20.99	20.77	21.18	21.18	21.27	21.40	21.21	21.25
		75	0	21.14	21.25	21.26	21.36	21.20	21.28	21.32	21.21	21.19

OUTPUT POWER FOR 5G NR n26 (20.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)								
				Ant 3			Ant 2			Ant 1		
				166800	167300	167800	166800	167300	167800	166800	167300	167800
20.0	BPSK	1	0	24.79	24.76	24.77	24.76	24.86	24.72	24.69	24.74	24.67
		1	1	25.22	25.22	25.28	25.25	25.33	25.22	25.17	25.37	25.38
		1	104	25.28	25.31	25.13	25.25	25.35	25.28	25.27	25.26	25.39
		1	105	24.70	24.72	24.76	24.83	24.70	24.86	24.58	24.70	24.71
		50	25	25.70	25.66	25.69	25.70	25.67	25.69	25.70	25.64	25.66
		100	0	25.14	25.39	25.54	25.26	25.23	25.23	25.07	25.27	25.28
	QPSK	1	0	24.06	24.19	24.28	24.33	24.39	24.27	24.50	24.31	24.19
		1	1	25.18	25.23	25.38	25.25	25.21	25.20	25.36	25.37	25.29
		1	104	25.30	25.18	25.31	25.29	25.29	25.21	25.36	25.37	25.27
		1	105	24.18	24.22	24.27	24.35	24.39	24.38	24.39	24.27	24.39
		50	25	25.69	25.65	25.68	25.68	25.68	25.70	25.68	25.70	25.68
		100	0	24.74	24.75	24.83	24.77	24.77	24.74	24.64	24.93	24.77
	16QAM	1	0	23.26	23.36	23.52	23.24	23.21	23.22	23.40	23.13	23.18
		1	1	24.30	24.12	24.32	24.15	24.04	24.34	24.30	24.20	24.13
		1	104	24.18	24.34	24.28	24.27	24.31	24.26	24.38	24.18	24.21
		1	105	23.42	23.21	23.37	23.10	23.10	23.04	23.40	23.21	23.09
		50	25	24.62	24.56	24.72	24.66	24.70	24.73	24.71	24.71	24.63
		100	0	23.70	23.75	23.96	23.74	23.73	23.80	23.99	23.85	23.89
	64QAM	1	0	22.75	22.69	22.77	22.58	22.72	22.80	22.89	22.71	22.79
		1	1	22.73	22.99	22.31	22.68	22.82	22.87	22.84	22.77	22.79
		1	104	22.83	22.83	22.70	22.77	22.72	22.68	22.82	22.82	22.94
		1	105	22.66	22.83	22.86	22.77	22.88	22.83	22.81	22.91	22.89
		50	25	23.06	20.66	23.53	23.28	23.20	23.27	23.26	23.29	23.31
		100	0	23.09	20.89	23.51	23.24	23.22	23.35	23.23	23.13	23.40
	256QAM	1	0	20.64	21.15	20.97	20.72	20.70	20.74	20.93	20.78	20.72
		1	1	20.82	20.98	21.23	20.73	20.92	20.87	20.88	20.77	20.83
		1	104	20.62	20.77	20.79	20.74	21.18	20.76	20.98	20.83	20.96
		1	105	20.82	20.73	20.94	21.09	20.79	20.75	20.95	20.60	21.00
		50	25	21.26	20.55	21.52	21.21	21.22	21.23	21.38	21.27	21.30
		100	0	21.28	20.55	21.24	21.24	21.23	21.25	21.19	21.30	21.33

9. CONDUCTED TEST RESULTS

9.1. OCCUPIED BANDWIDTH

RULE PART(S)

FCC: §2.1049
ISED: RSS132

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.

LTE BAND 5

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
LTE BAND 5	1.4MHz, QPSK	6/0	836.5	1.088	1.33
	1.4MHz, 16QAM			1.097	1.35
	3MHz, QPSK	15/0		2.703	2.97
	3MHz, 16QAM			2.707	2.98
	5MHz, QPSK	25/0		4.508	4.93
	5MHz, 16QAM			4.493	4.94
	10MHz, QPSK	50/0		8.976	9.87
	10MHz, 16QAM			8.988	9.84
	10MHz, QPSK	1/0		0.259	0.42

5G NR n5

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
5G NR n5	5MHz, BPSK	25/0	836.5	4.498	4.88
	5MHz, QPSK			4.476	4.86
	5MHz, 16QAM			4.497	4.87
	10MHz, BPSK	50/0		8.975	9.63
	10MHz, QPSK			8.965	9.62
	10MHz, 16QAM			8.984	9.65
	15MHz, BPSK	75/0		13.434	14.31
	15MHz, QPSK			13.441	14.22
	15MHz, 16QAM			13.474	14.37
	20MHz, BPSK	100/0		17.920	18.96
	20MHz, QPSK			17.885	18.91
	20MHz, 16QAM			17.920	19.01
	20MHz, BPSK	1/0		0.241	0.42

ULCA LTE BAND 5

Band	Mode	RB Allocation/RB Offset	f (MHz)	99% BW (MHz)	- 26dB BW (MHz)
ULCA LTE BAND 5	5MHz + 10MHz BAND QPSK	25/0 + 50/0	836.5	13.808	14.37
	5MHz + 10MHz BAND 16QAM			13.826	14.34
	10MHz + 5MHz BAND QPSK	50/0 + 25/0		13.831	14.34
	10MHz + 5MHz BAND 16QAM			13.833	14.32
	10MHz + 10MHz BAND QPSK	50/0 + 50/0		18.720	19.40
	10MHz + 10MHz BAND 16QAM			18.721	19.42

LTE BAND 26(FCC PART 90S)

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
LTE BAND 26	1.4MHz, QPSK	6/0	819	1.093	1.34
	1.4MHz, 16QAM			1.097	1.34
	3MHz, QPSK	15/0		2.700	2.96
	3MHz, 16QAM			2.704	2.96
	5MHz, QPSK	25/0		4.497	4.93
	5MHz, 16QAM			4.502	4.93
	10MHz, QPSK	50/0		8.977	9.85
	10MHz, 16QAM			8.971	9.84
	10MHz, QPSK	1/0		0.264	0.46

5G NR n26 (FCC PART 90S)

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
5G NR n26 (Part 90S)	5MHz, BPSK	25/0	819.0	4.494	4.88
	5MHz, QPSK			4.471	4.87
	5MHz, 16QAM			4.485	4.85
	10MHz, BPSK	50/0		8.959	9.63
	10MHz, QPSK			8.971	9.59
	10MHz, 16QAM			8.989	9.60
	10MHz, BPSK	1/0		0.241	0.40

LTE BAND 26 (FCC PART 22)

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
LTE BAND 26	1.4MHz, QPSK	6/0	836.5	1.095	1.34
	1.4MHz, 16QAM			1.094	1.34
	3MHz, QPSK	15/0		2.696	2.96
	3MHz, 16QAM			2.714	2.96
	5MHz, QPSK	25/0		4.502	4.92
	5MHz, 16QAM			4.505	4.91
	10MHz, QPSK	50/0		8.973	9.84
	10MHz, 16QAM			8.982	9.85
	10MHz, QPSK	1/0		0.254	0.40

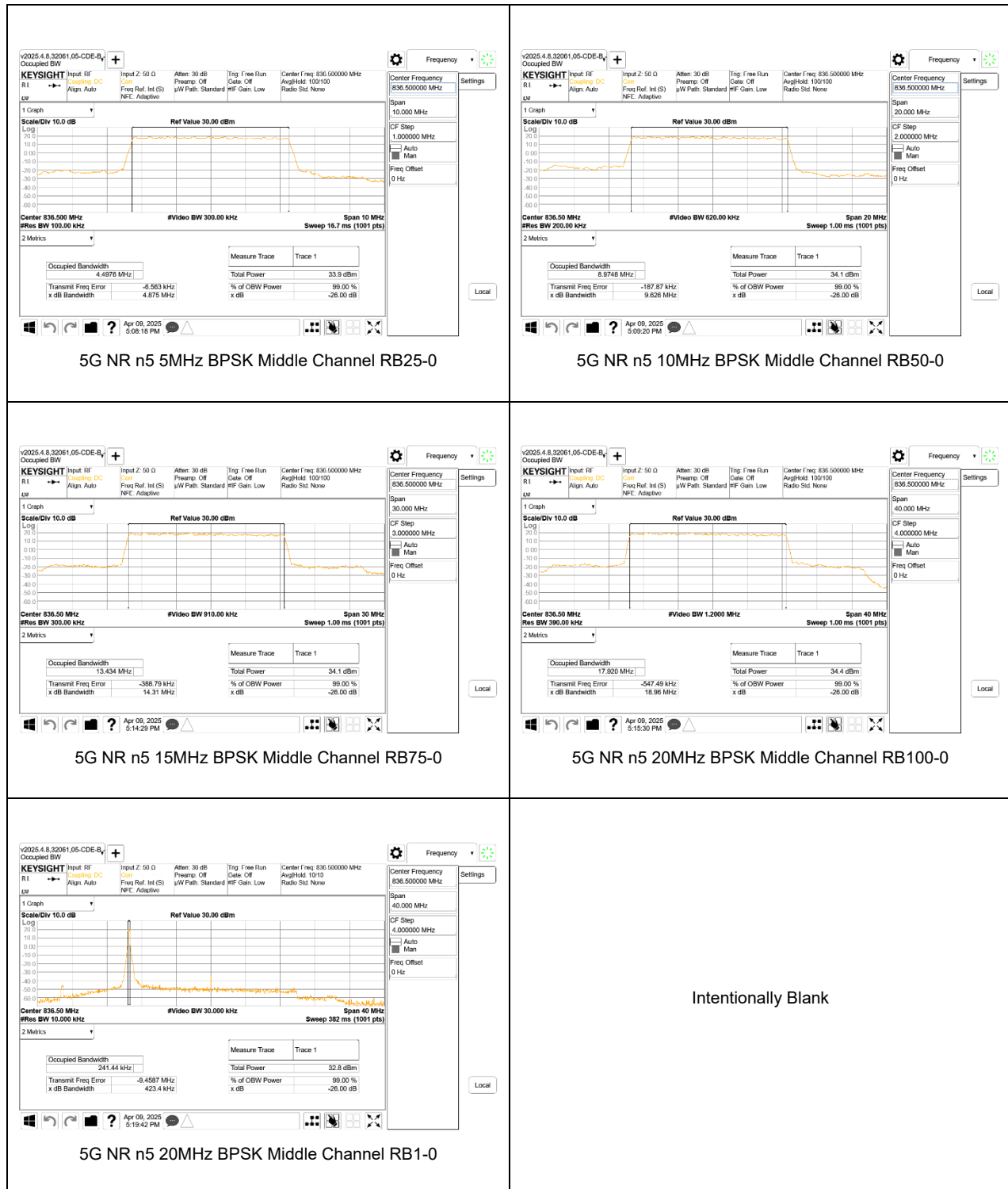
5G NR n26 (FCC PART 22)

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
5G NR n26 (FCC Part 22)	5MHz, BPSK	25/0	836.5	4.497	4.87
	5MHz, QPSK			4.477	4.86
	5MHz, 16QAM			4.496	4.87
	10MHz, BPSK	50/0		8.974	9.63
	10MHz, QPSK			8.963	9.64
	10MHz, 16QAM			8.984	9.64
	15MHz, BPSK	75/0		13.438	14.31
	15MHz, QPSK			13.431	14.29
	15MHz, 16QAM			13.476	14.35
	20MHz, BPSK	100/0		17.920	18.98
	20MHz, QPSK			17.882	18.90
	20MHz, 16QAM			17.924	19.01
	20MHz, BPSK	1/0		0.258	0.42

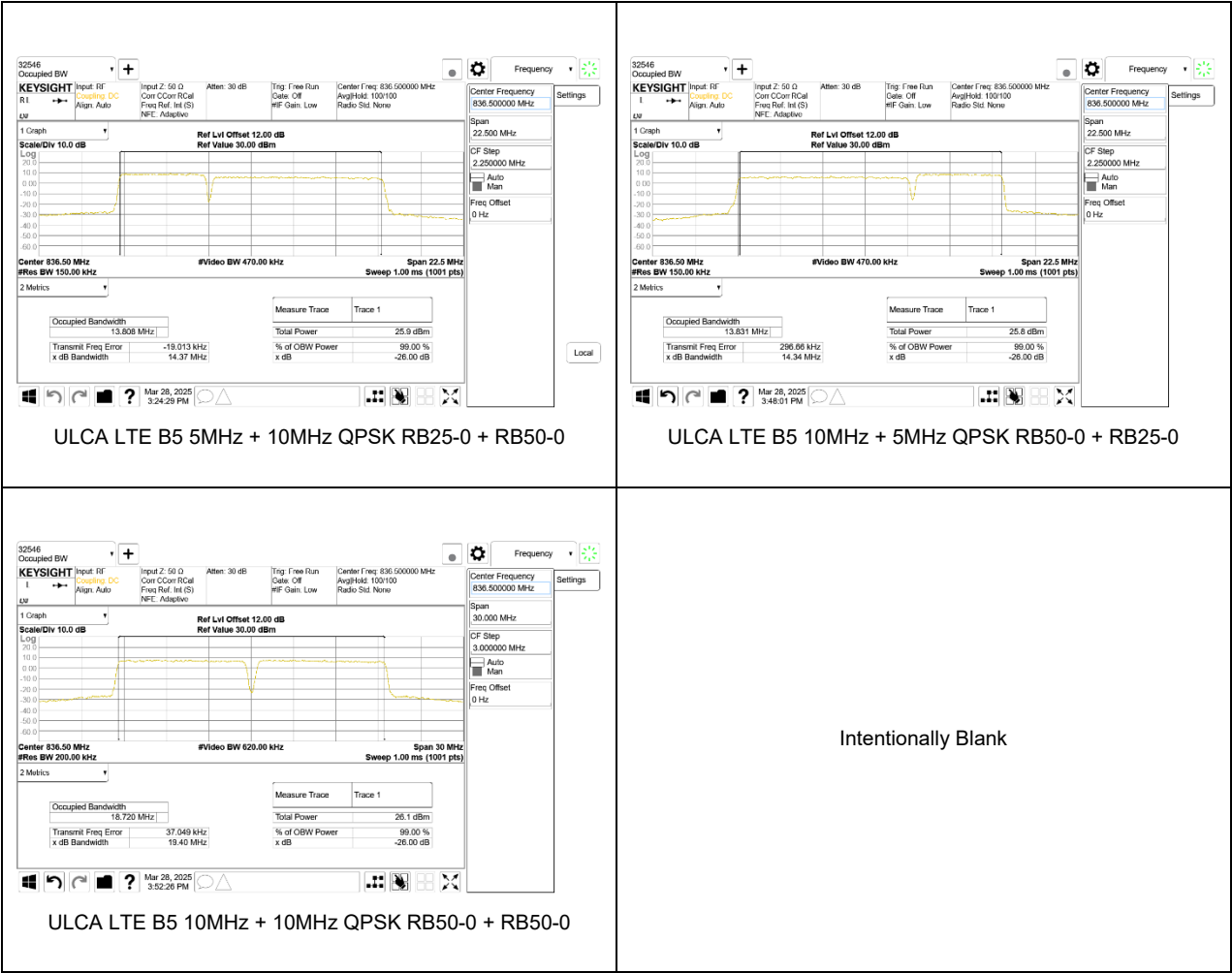
9.1.1. LTE BAND 5



9.1.2. 5G NR n5



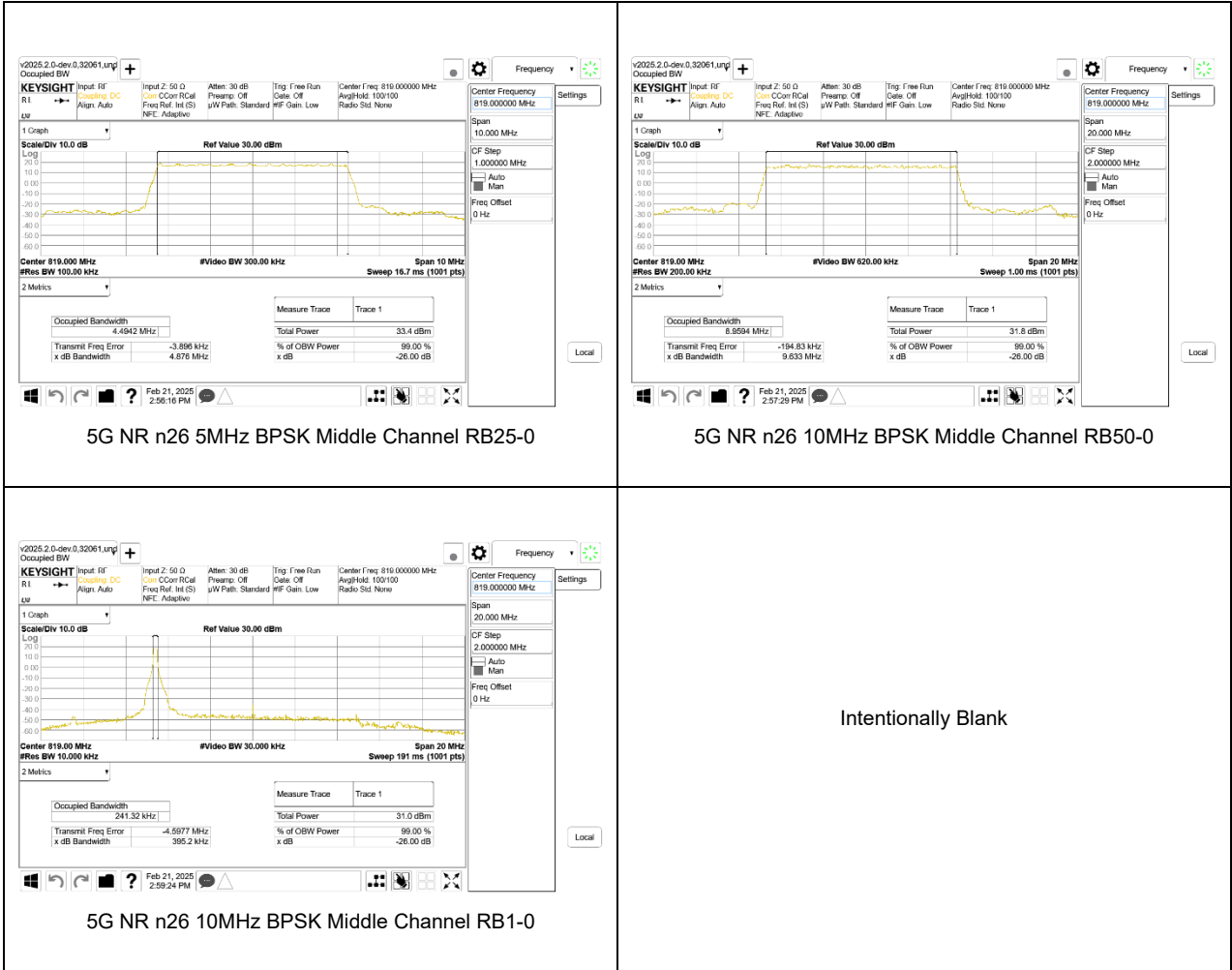
9.1.3. ULCA LTE BAND 5



9.1.4. LTE BAND 26 (FCC PART 90S)



9.1.5. 5G NR n26 (FCC PART 90S)



9.1.6. LTE BAND 26 (FCC PART 22)



9.1.7. 5G NR n26 (FCC PART 22)



9.2. EMISSION MASK AND ADJACENT CHANNEL POWER

LIMITS

FCC: §22.917 (a)

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB.

FCC: §90.691 Emission mask requirements for EA-based systems.

(a) Out-of-band emission requirement shall apply only to the "outer" channels included in an EA license and to spectrum adjacent to interior channels used by incumbent licensees. The emission limits are as follows:

(1) For any frequency removed from the EA licensee's frequency block by up to and including 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least $116 \log_{10}(f/6.1)$ decibels or $50 + 10 \log_{10}(P)$ decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 12.5 kHz.

(2) For any frequency removed from the EA licensee's frequency block greater than 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log_{10}(P)$ decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 37.5 kHz.

NOTE: According to 971168 D02 Misc Rev Approv License Devices v02r02, Section VIII (c):

For Section 90.691(a) compliance testing, use RBW = 300 Hz for offsets less than 37.5 kHz from a channel edge; RBW = 100 kHz for offsets greater than 37.5 kHz is allowed.

ISED: RSS132§5.5

Equipment shall meet the unwanted emission limits specified below:

- (i) In the first 1.0 MHz band immediately outside and adjacent to each of the sub-bands specified in Section 5.1, the power of emissions per any 1% of the occupied bandwidth shall be attenuated below the transmitter output power P (dBW) by at least $43 + 10 \log(p)$ dB.
- (ii) After the first 1.0 MHz immediately outside and adjacent to each of the sub-bands, the power of emissions in any 100 kHz bandwidth shall be attenuated below the transmitter output power P (dBW) by at least $43 + 10 \log(p)$ dB. If the measurement is performed using 1% of the occupied bandwidth, power integration over 100 kHz is required.

p is the output power specified in watts.

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.

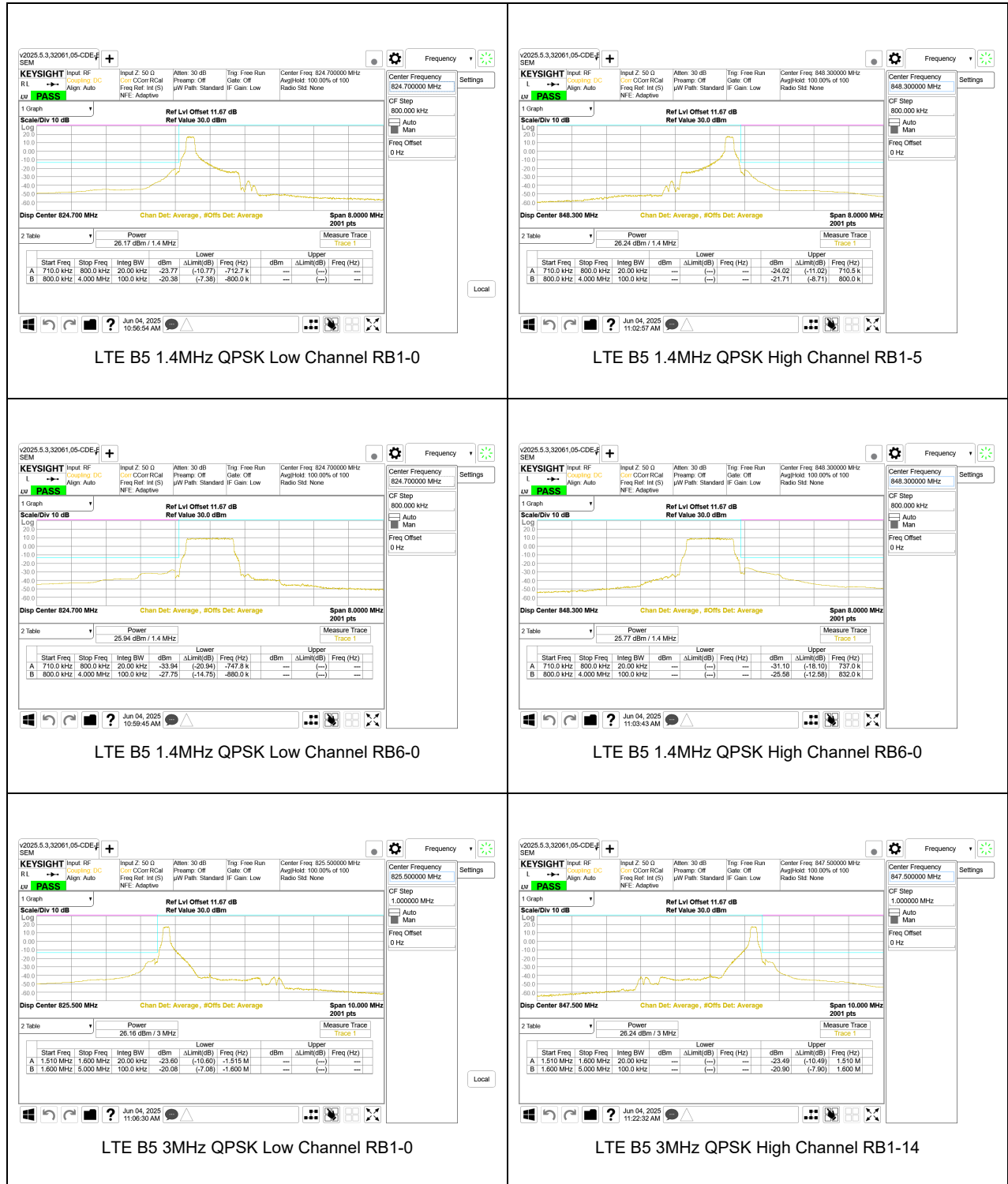
The transmitter output was connected to a base station simulator and configured to operate at maximum power. The band edge emissions were measured at the required operating frequencies in each band on the Spectrum Analyzer.

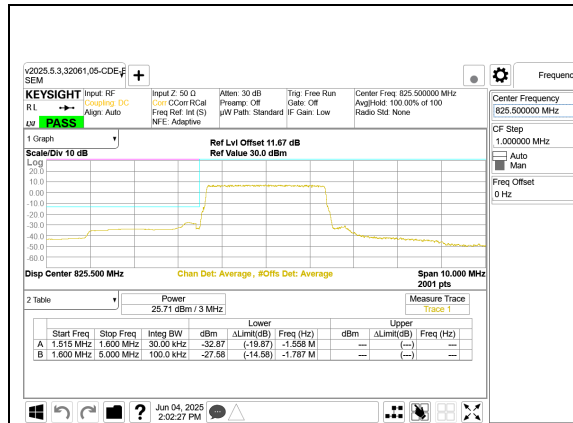
For each band edge measurement:

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 -13 dBm
4. Set resolution bandwidth to at least 1% of emission bandwidth.

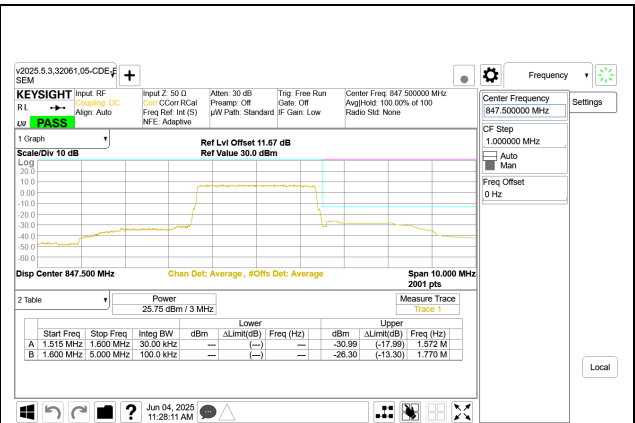
RESULTS

9.2.1. LTE BAND 5

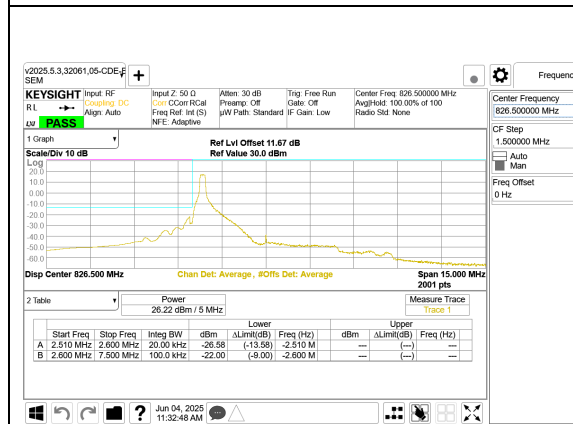




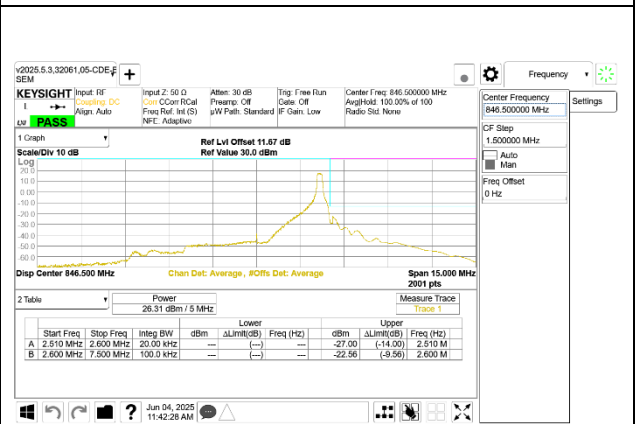
LTE B5 3MHz QPSK Low Channel RB15-0



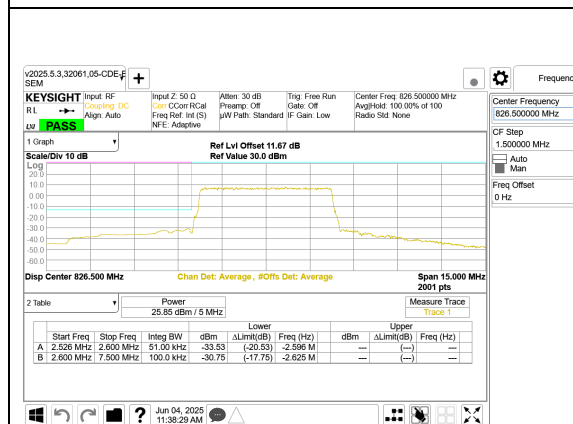
LTE B5 3MHz QPSK High Channel RB15-0



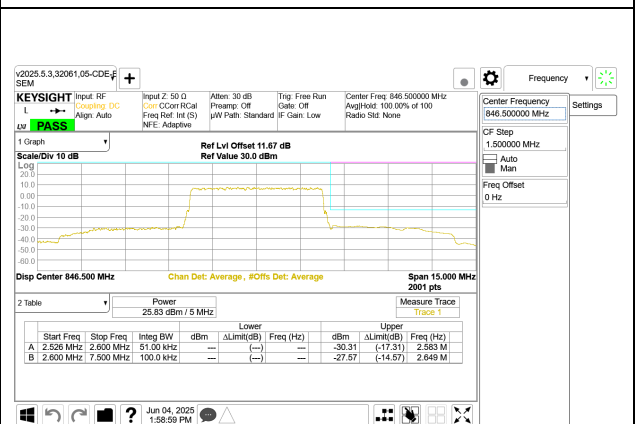
LTE B5 5MHz QPSK Low Channel RB1-0



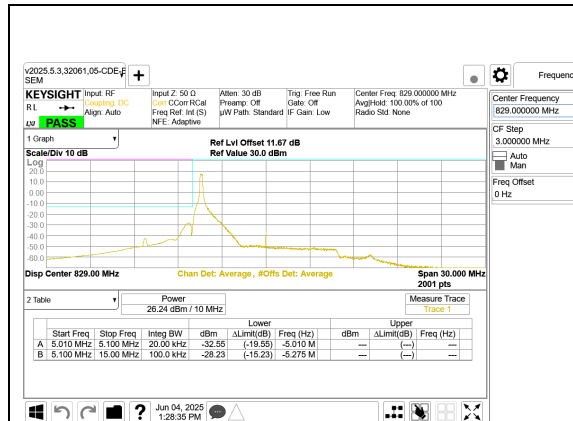
LTE B5 5MHz QPSK High Channel RB1-24



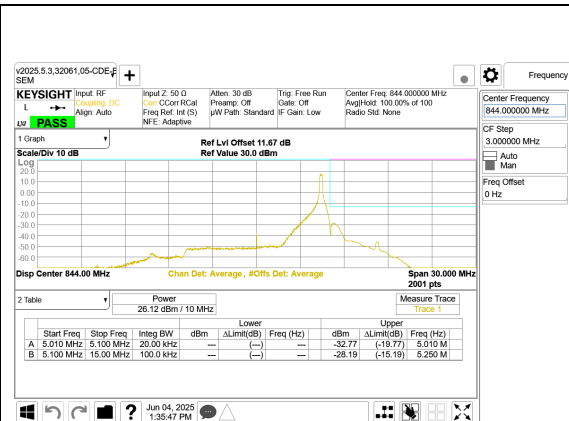
LTE B5 5MHz QPSK Low Channel RB25-0



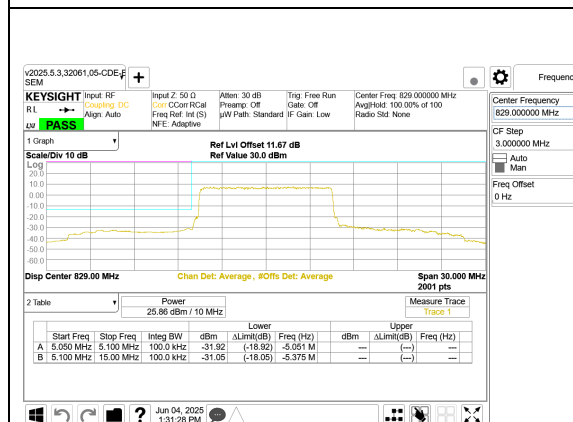
LTE B5 5MHz QPSK High Channel RB25-0



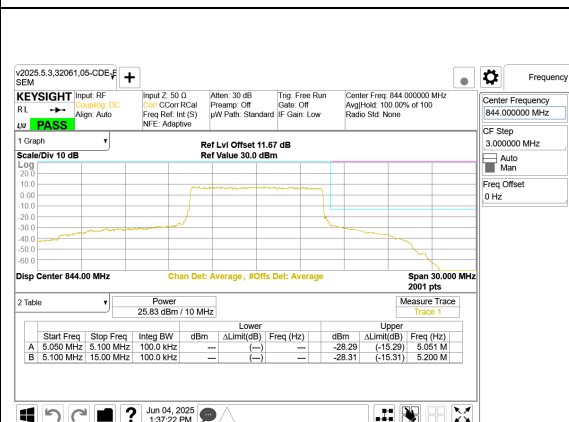
LTE B5 10MHz QPSK Low Channel RB1-0



LTE B5 10MHz QPSK High Channel RB1-49



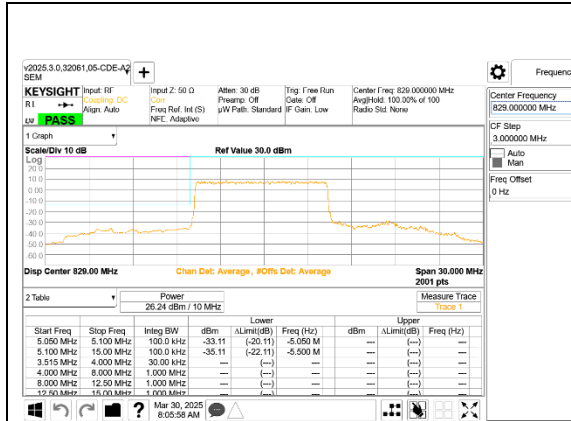
LTE B5 10MHz QPSK Low Channel RB50-0



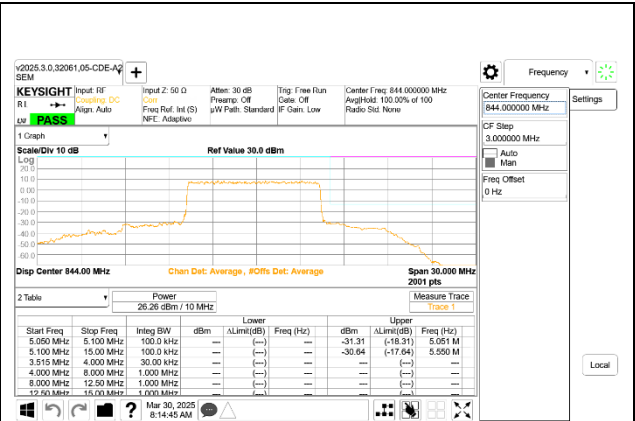
LTE B5 10MHz QPSK High Channel RB50-0

9.2.2. 5G NR n5

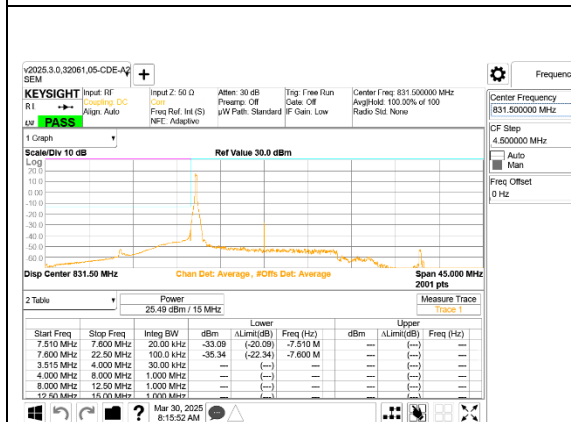




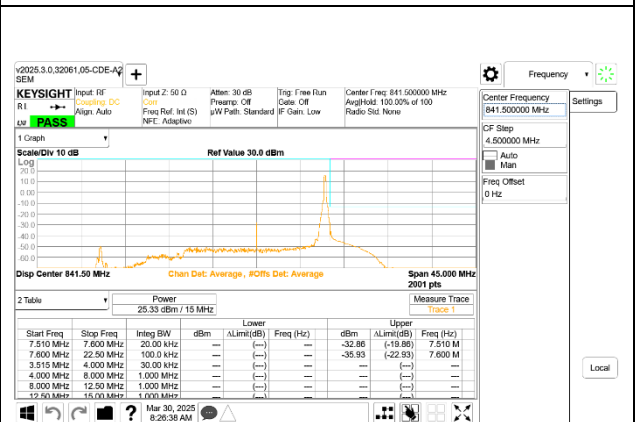
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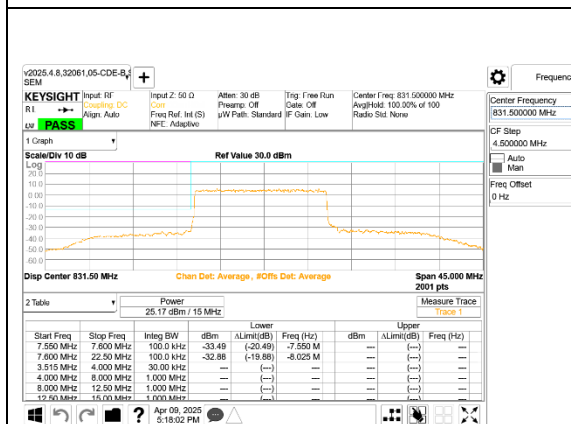
5G NR n5 10MHz BPSK High Channel RB50-0



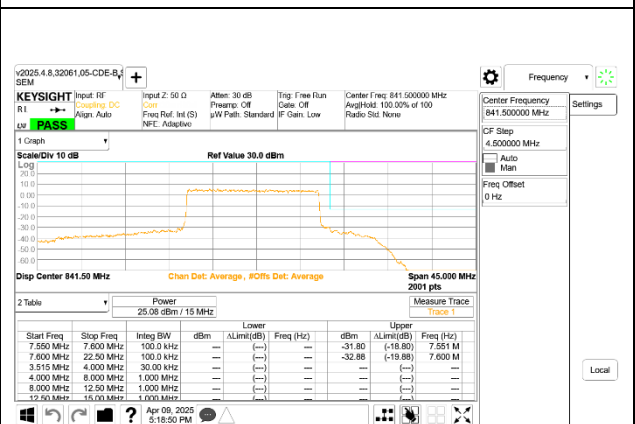
5G NR n5 15MHz BPSK Low Channel RB1-0



5G NR n5 15MHz BPSK High Channel RB1-78



5G NR n5 15MHz BPSK Low Channel RB75-0



5G NR n5 15MHz BPSK High Channel RB75-0