

TEST REPORT

Report Number: 15982167-E27V2

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

Model : A3473

Brand : APPLE

FCC ID : BCG-E9187A

IC : 579C-E9187A

EUT Description : SMARTPHONE

Test Standard(s) : FCC 47 CFR PART 2, PART 27
ISED RSS-GEN ISSUE 5 + A1 + A2, RSS-139 ISSUE 4

Date Of Issue:
2026-08-06

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



Revision History

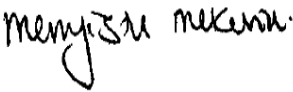
Rev.	Issue Date	Revisions	Revised By
V1	2026-07-20	Initial Review	--
V2	2026-08-06	Addressed TCB feedback on sections 1 & 6.5	Binod Sitaula

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	11
6.4. MAXIMUM ANTENNA GAIN AND MAXIMUM ALLOWED OUTPUT POWER	11
6.5. WORST-CASE CONFIGURATION AND MODE	12
6.6. DESCRIPTION OF TEST SETUP.....	13
7. TEST AND MEASUREMENT EQUIPMENT	15
8. RF OUTPUT POWER MEASUREMENTS	16
8.1. LTE BAND 66.....	17
8.2. 5G NR n66	20
9. CONDUCTED TEST RESULTS.....	25
9.1. OCCUPIED BANDWIDTH.....	25
9.1.1. LTE BAND 66.....	28
9.1.2. 5G NR n66	30
9.2. EMISSION MASK AND ADJACENT CHANNEL POWER	32
9.2.1. LTE BAND 66.....	33
9.2.2. 5G NR n66	37
9.3. OUT OF BAND EMISSIONS.....	43
9.3.1. LTE BAND 66.....	44
9.3.2. 5G NR n66	45

9.4.	FREQUENCY STABILITY	46
9.4.1.	LTE BAND 66 (QPSK 20MHz BANDWIDTH)	47
9.4.2.	5G NR n66 (BPSK 45MHz BANDWIDTH)	47
9.5.	PEAK-TO-AVERAGE POWER RATIO	48
9.5.1.	LTE BAND 66.....	49
9.5.2.	5G NR n66	49
10.	RADIATED TEST RESULTS	50
10.1.	FIELD STRENGTH OF SPURIOUS RADIATION, ABOVE 1GHz.....	54
10.1.1.	LTE BAND 66	55
10.1.2.	5G NR n66.....	57
11.	SETUP PHOTOS.....	59

1. ATTESTATION OF TEST RESULTS

Applicant Name and Address	APPLE INC 1 APPLE PARK WAY CUPERTINO, CA 95014, U.S.A.	
Model	A3473	
Brand	APPLE	
FCC ID	BCG-E9187A	
IC	579C-E9187A	
EUT Description	SMARTPHONE	
Serial Number	RADIATED: VH3Y24HKJQ, DGY42LY4H3, GVVVXP2XK3 CONDUCTED: HVHHSM0001H0001CCD, HVHHTW000G10001CCY, HVHHPT000330001CCE	
Sample Receipt Date	2026-02-12	
Date Tested	2026-02-13 to 2026-07-01	
Applicable Standards	FCC 47 CFR PART 2, PART 27 ISED RSS-GEN ISSUE 5 + A1 + A2, RSS-139 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 Engineer UL Verification Services Inc.	Tewodros Woldemichael Laboratory Engineer UL Verification Services Inc.	Weitao Yang Laboratory Engineer Associate UL Verification Services Inc.

2. SUMMARY OF TEST RESULTS

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

Below is a list of the data provided by the customer:
Antenna gain and type (see section 6.4.)

Requirement Description	Requirement Clause Number (FCC)	Requirement Clause Number (ISED)	Result	Remarks
Equivalent Isotropic Radiated Power	27.50 (d) (4)	RSS139§5.5	Complies	
Occupied Bandwidth	2.1049	RSS-GEN§6.7, RSS139	Complies	
Band Edge and Emission Mask	2.1051, 27.53 (h)	RSS139§5.6	Complies	
Out of Band Emissions	2.1051, 27.53 (h)	RSS139§5.6	Complies	
Frequency Stability	2.1055, 27.54	RSS139§5.4	Complies	
Peak-to-Average Ratio	27.50 (d) (5)	RSS139§5.5	Complies	
Field Strength of Spurious Radiation	2.1051, 27.53 (h)	RSS139§5.6	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.

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 27
- [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
- ISED RSS-Gen Issue 5 + A1 + A2, RSS-139 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 tables below contain the highest of all configurations average conducted and peak EIRP output powers as follows:

LTE BAND 66

Part 27 / RSS 139									
EIRP Limit (W)		1.00							
Antenna Gain (dBi)		-1.10							
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (MHz)	99% BW (kHz)	Emission Designator
1.4	QPSK	1710.7	1779.3	25.70	24.60	0.288	1.100	1100	1M10G7W
	16QAM			24.70	23.60	0.229	1.103	1103	1M10D7W
3.0	QPSK	1711.5	1778.5	25.70	24.60	0.288	2.713	2713	2M71G7W
	16QAM			24.70	23.60	0.229	2.714	2714	2M71D7W
5.0	QPSK	1712.5	1777.5	25.70	24.60	0.288	4.530	4530	4M53G7W
	16QAM			24.70	23.60	0.229	4.524	4524	4M52D7W
10.0	QPSK	1715.0	1775.0	25.70	24.60	0.288	9.014	9014	9M01G7W
	16QAM			24.70	23.60	0.229	9.011	9011	9M01D7W
15.0	QPSK	1717.5	1772.5	25.70	24.60	0.288	13.518	13518	13M5G7W
	16QAM			24.70	23.60	0.229	13.510	13510	13M5D7W
20.0	QPSK	1720.0	1770.0	25.70	24.60	0.288	17.957	17957	18M0G7W
	16QAM			24.70	23.60	0.229	17.952	17952	18M0D7W

5G NR n66

Part 27/ RSS 139									
EIRP Limit (W)		1.00							
Antenna Gain (dBi)		-1.10							
Bandwidth (MHz)	Modulation	Low Frequency (MHz)	Upper Frequency (MHz)	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Average (W)	99% BW (MHz)	99% BW (kHz)	Emission Designator
5.0	BPSK	1712.5	1777.5	25.70	24.60	0.288	4.509	4509	4M51G7W
	QPSK			25.70	24.60	0.288	4.507	4507	4M51G7W
	16QAM			24.70	23.60	0.229	4.509	4509	4M51D7W
10.0	BPSK	1715.0	1775.0	25.70	24.60	0.288	8.989	8989	8M99G7W
	QPSK			25.70	24.60	0.288	8.997	8997	9M00G7W
	16QAM			24.70	23.60	0.229	8.989	8989	8M99D7W
15.0	BPSK	1717.5	1772.5	25.70	24.60	0.288	13.465	13465	13M5G7W
	QPSK			25.70	24.60	0.288	13.493	13493	13M5G7W
	16QAM			24.70	23.60	0.229	13.485	13485	13M5D7W
20.0	BPSK	1720.0	1770.0	25.70	24.60	0.288	17.937	17937	17M9G7W
	QPSK			25.70	24.60	0.288	17.922	17922	17M9G7W
	16QAM			24.70	23.60	0.229	17.956	17956	18M0D7W
25.0	BPSK	1722.5	1767.5	25.70	24.60	0.288	22.968	22968	23M0G7W
	QPSK			25.70	24.60	0.288	22.970	22970	23M0G7W
	16QAM			24.70	23.60	0.229	22.967	22967	23M0D7W
30.0	BPSK	1725.0	1765.0	25.70	24.60	0.288	28.644	28644	28M6G7W
	QPSK			25.70	24.60	0.288	28.718	28718	28M7G7W
	16QAM			24.70	23.60	0.229	28.709	28709	28M7D7W
35.0	BPSK	1727.5	1762.5	25.70	24.60	0.288	32.239	32239	32M2G7W
	QPSK			25.70	24.60	0.288	32.272	32272	32M3G7W
	16QAM			24.70	23.60	0.229	32.281	32281	32M3D7W
40.0	BPSK	1730.0	1760.0	25.70	24.60	0.288	38.682	38682	38M7G7W
	QPSK			25.70	24.60	0.288	38.715	38715	38M7G7W
	16QAM			24.70	23.60	0.229	38.737	38737	38M7D7W
45.0	BPSK	1732.5	1757.5	25.70	24.60	0.288	42.966	42966	43M0G7W
	QPSK			25.70	24.60	0.288	42.998	42998	43M0G7W
	16QAM			24.70	23.60	0.229	42.973	42973	43M0D7W

6.3. SOFTWARE AND FIRMWARE

The EUT firmware installed during testing was version 24A343.

6.4. MAXIMUM ANTENNA GAIN AND MAXIMUM ALLOWED OUTPUT POWER

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

Bands	Frequency Range (MHz)	ANT #	Antenna Gain (dBi)	Max Allowed Conducted Output Power (dBm)	ERP/EIRP (dBm)
LTE Band 66	1710 – 1780	ANT14	-2.80	25.70	22.90
		ANT1	-3.50	25.70	22.20
		ANT3	-3.20	25.70	22.50
		ANT4	-1.10	25.70	24.60
5G NR n66	1710 – 1780	ANT14	-2.80	25.70	22.90
		ANT1	-3.50	25.70	22.20
		ANT3	-3.20	25.70	22.50
		ANT4	-1.10	25.70	24.60
LTE Band 4	1710 – 1755	ANT14	-2.70	25.70	23.00
		ANT1	-4.40	25.70	21.30
		ANT3	-3.20	25.70	22.50
		ANT4	-1.20	25.70	24.50

6.5. WORST-CASE CONFIGURATION AND MODE

This report covers the following technologies:

- LTE Band 4
- LTE Band 66, 5G NR n66

LTE Band 4 (1710-1755MHz, 1.4/3/5/10/15/20MHz bandwidth) is covered by LTE Band 66 because it is a subset of LTE band 66 and they have same output power.

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

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

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

The worst-case scenario for all measurements is based on an engineering evaluation made on different modulations. Then, QPSK and BPSK were observed as the worst mode to LTE bands and 5G NR bands respectively and set for all conducted and radiated. Output power measurements were measured on BPSK, QPSK, 16QAM, 64QAM, and 256QAM modulations. For testing purposes emissions on 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 66 and 5G NR n66	Ant 14

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	ANT14	ANT1	ANT3	ANT4
1710 – 1915 MHz	Y	Y	Y	Y

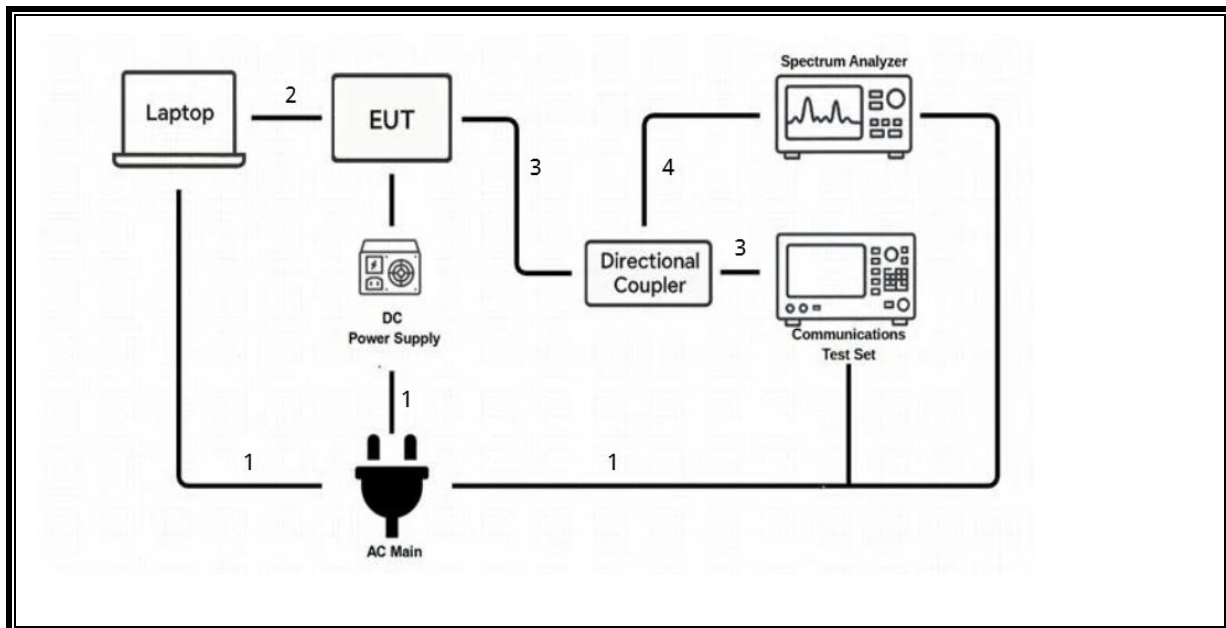
Radiated spurious emissions were investigated from 9kHz to 30MHz, 30MHz-1GHz and above 1GHz. There were no emissions found with less than 20dB of margin from 9kHz to 30MHz, 30MHz-1GHz.

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

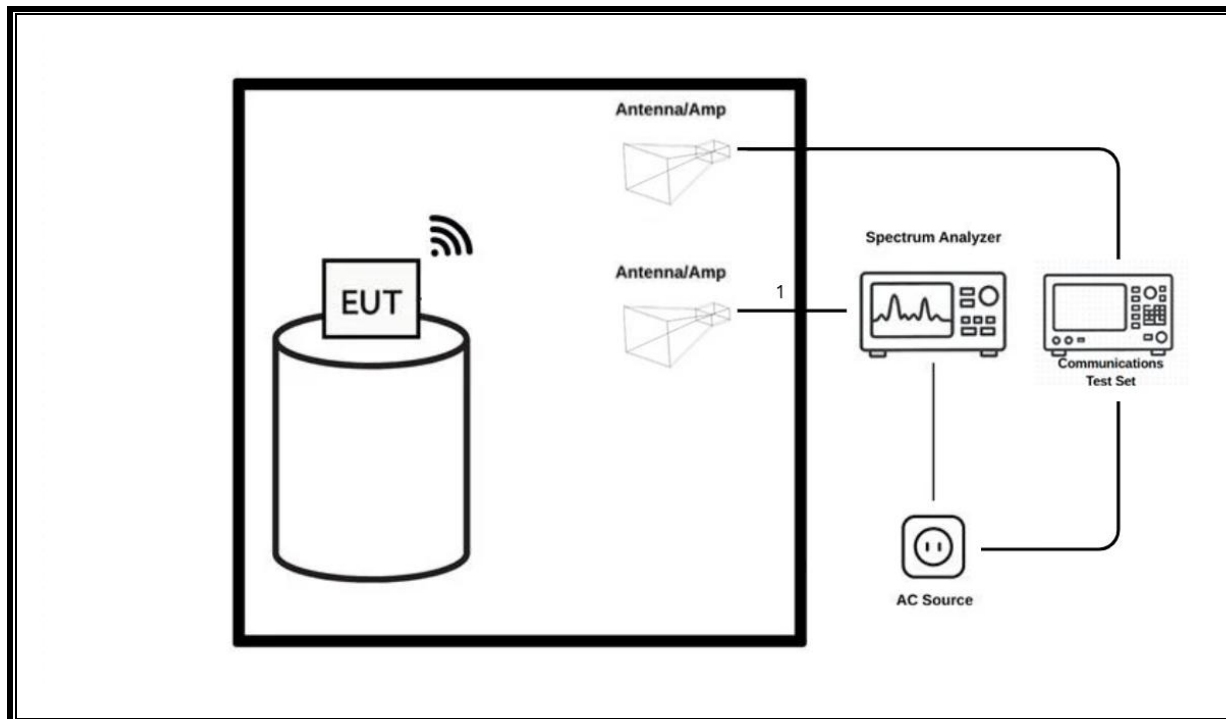
6.6. DESCRIPTION OF TEST SETUP

SUPPORT TEST EQUIPMENT						
Description		Manufacturer	Model	Serial Number	FCC ID/ DoC	
Laptop		Apple	MacBook Pro	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 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	222796	2027-03-03
EMI TEST RECEIVER	Rohde & Schwarz	ESW44	169933	2027-02-28
Antenna, Horn 1-18GHz	ETS Lindgren	3117	80402	2027-07-31
RF Filter Box, 1-18GHz, 12 Port	UL-FR1	Frankenstein	231874	2027-01-31
EMI TEST RECEIVER	Rohde & Schwarz	ESW44	170063	2027-02-27
RF Filter Box, 1-18GHz, 12 Port	UL-FR1	Frankenstein	231875	2026-12-31
Antenna, Horn 1-18GHz	ETS Lindgren	3117	223084	2026-12-31
Antenna, Broadband Hybrid, 30MHz to 3GHz	Sunol Sciences Corp.	JB3	174374	2027-06-30
*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	199659	2028-05-31
*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	199661	2028-05-31
*Link File, RF Amplifier Assembly, 26.5-40GHz, 65dB Gain	Amplical	AMP26G40-65	220193	2026-04-30
EMI TEST RECEIVER	Rohde & Schwarz	ESW44	169937	2027-05-31
Antenna, Horn 1-18GHz	ETS Lindgren	84797	80402	2026-10-31
RF Filter Box, 1-18GHz, 17 Port	UL-FR1	RATS 2	225079	2027-02-28
RF Filter Box, 1-18GHz, 12 Port	UL-FR1	Frankenstein	230878	2027-05-31
Antenna, Horn 1-18GHz	ETS Lindgren	84797	200897	2028-05-31
EMI TEST RECEIVER	Rohde & Schwarz	ESW44	169935	2027-03-18
PXA Signal Analyzer	Keysight Technologies Inc	N9030B	272589	2026-10-03
PXA Signal Analyzer	Keysight Technologies Inc	N9030B	231739	2027-01-31
PXA Signal Analyzer	Keysight Technologies Inc	N9030B	276680	2027-01-31
PXA Signal Analyzer	Keysight Technologies Inc	N9030B	272595	2026-11-30
Wideband Communication Call Box	Rohde & Schwarz	CMW500	230298	2027-02-28
Wideband Communication Call Box	Rohde & Schwarz	CMW500	230295	2027-02-28
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	245778	2026-10-31
Conducted Switch Box	N/A	CSB	262354	2026-10-31
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
*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. 12.2, 2.0, 5.0	
Radiated Software	UL	UL EMC	Ver 9.5, May 1, 2023	

NOTES:

- * Testing is completed before equipment expiration date.
- ** Equipment listed above that has a calibration due date during the testing period, the 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

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 66

Test Engineer ID:	116001	Test Date:	2026-03-26
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OUTPUT POWER FOR LTE BAND 66 (1.4 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 14			ANT 1			ANT 3			ANT 4		
				131979	132322	132665	131979	132322	132665	131979	132322	132665	131979	132322	132665
1.4	QPSK	1	0	1710.7	1745.0	1779.3	1710.7	1745.0	1779.3	1710.7	1745.0	1779.3	1710.7	1745.0	1779.3
		1	2	25.67	25.41	25.62	25.21	25.31	25.63	25.38	25.70	25.24	25.58	25.45	25.39
		1	5	25.66	25.46	25.70	25.39	25.42	25.70	25.39	25.70	25.34	25.70	25.40	25.38
		3	0	25.52	25.40	25.52	25.26	25.20	25.70	25.30	25.62	25.29	25.66	25.44	25.30
		3	1	25.46	25.65	25.70	25.32	25.33	25.70	25.39	25.67	25.20	25.70	25.26	25.21
		3	2	25.57	25.70	25.60	25.27	25.35	25.69	25.34	25.70	25.23	25.64	25.20	25.25
	16QAM	3	2	25.39	25.57	25.62	25.25	25.28	25.66	25.34	25.69	25.21	25.70	25.29	25.30
		6	0	25.20	25.20	25.20	25.20	25.20	25.37	25.20	25.53	25.20	25.39	25.20	25.20
		1	0	24.64	24.60	24.68	24.57	24.52	24.70	24.52	24.67	24.41	24.69	24.59	24.57
		1	2	24.68	24.70	24.70	24.65	24.56	24.70	24.47	24.70	24.38	24.70	24.53	24.63
		1	5	24.61	24.68	24.70	24.64	24.55	24.70	24.46	24.70	24.44	24.65	24.65	24.58
		3	0	24.65	24.67	24.69	24.54	24.57	24.68	24.49	24.65	24.41	24.67	24.56	24.54
	64QAM	3	1	24.61	24.66	24.69	24.58	24.58	24.66	24.48	24.70	24.32	24.70	24.54	24.55
		3	2	24.58	24.66	24.70	24.59	24.55	24.69	24.49	24.68	24.43	24.70	24.57	24.55
		6	0	24.00	24.00	24.00	24.00	24.00	24.00	24.00	24.00	24.00	24.00	24.00	24.00
		1	0	23.13	23.20	23.19	23.17	23.13	23.20	23.07	23.20	22.94	23.18	23.08	23.08
		1	2	23.18	23.20	23.20	23.19	23.11	23.20	23.08	23.20	23.00	23.20	23.15	23.13
		1	5	23.17	23.16	23.20	23.16	23.13	23.19	23.07	23.19	22.97	23.18	23.10	23.12
	256QAM	3	0	23.13	23.15	23.16	23.11	23.11	23.20	23.03	23.19	22.97	23.18	23.09	23.07
		3	1	23.13	23.18	23.17	23.12	23.10	23.15	23.05	23.17	22.98	23.20	23.13	23.09
		3	2	23.11	23.15	23.20	23.12	23.10	23.18	23.03	23.20	22.96	23.20	23.11	23.09
		6	0	22.70	22.70	22.70	22.70	22.70	22.70	22.70	22.70	22.70	22.70	22.70	22.70
		1	0	20.90	20.75	21.00	20.82	20.91	21.19	20.97	21.20	20.70	21.20	20.76	20.70
		1	2	21.07	21.20	21.20	21.14	20.89	21.20	20.95	21.20	20.77	21.20	20.99	20.70
3.0	QPSK	1	5	21.03	20.93	21.20	20.96	20.82	21.20	20.95	21.11	20.73	21.20	20.75	20.76
		3	0	20.84	21.03	21.05	20.77	20.86	21.10	20.90	21.10	20.70	21.08	20.73	20.82
		3	1	20.87	21.01	20.93	20.70	20.89	21.20	20.92	21.20	20.72	21.10	20.81	20.74
		3	2	20.70	20.85	21.14	20.77	20.89	21.12	20.90	21.17	20.70	21.10	20.85	20.79
		6	0	20.70	20.70	20.74	20.70	20.70	21.03	20.81	21.06	20.70	21.01	20.70	20.71
	16QAM	1	0	1711.5	1745.0	1778.5	1711.5	1745.0	1778.5	1711.5	1745.0	1778.5	1711.5	1745.0	1778.5
		1	7	25.25	25.60	25.55	25.39	25.34	25.56	25.33	25.70	25.26	25.70	25.42	25.39
		1	14	25.70	25.70	25.70	25.70	25.70	25.70	25.46	25.70	25.49	25.70	25.67	25.65
		8	0	25.31	25.60	25.55	25.42	25.41	25.67	25.24	25.69	25.36	25.70	25.34	25.42
		8	4	25.21	25.39	25.35	25.26	25.20	25.45	25.22	25.67	25.20	25.65	25.24	25.20
		8	7	25.26	25.39	25.20	25.30	25.30	25.58	25.24	25.70	25.25	25.64	25.27	25.20
	64QAM	15	0	25.20	25.35	25.44	25.20	25.21	25.50	25.20	25.65	25.30	25.52	25.26	25.27
		1	0	25.20	25.34	25.24	25.23	25.20	25.55	25.20	25.68	25.20	25.54	25.25	25.20
		1	7	24.57	24.65	24.64	24.60	24.60	24.67	24.45	24.70	24.46	24.70	24.58	24.63
		1	14	24.70	24.70	24.70	24.70	24.70	24.70	24.55	24.70	24.60	24.70	24.65	24.65
		8	0	24.57	24.67	24.66	24.61	24.57	24.62	24.45	24.70	24.51	24.70	24.59	24.57
		8	4	24.00	24.05	24.04	24.00	24.03	24.09	24.00	24.23	24.00	24.17	24.05	24.00
3.0	256QAM	8	4	24.02	24.06	24.08	24.02	24.05	24.14	24.01	24.28	24.04	24.20	24.04	24.00
		8	7	24.00	24.07	24.08	24.03	24.03	24.11	24.02	24.25	24.06	24.12	24.01	24.01
		15	0	24.00	24.03	24.01	24.00	24.00	24.10	24.00	24.24	24.00	24.13	24.04	24.00
		1	0	23.12	23.16	23.18	23.16	23.17	23.17	23.03	23.20	23.04	23.20	23.11	23.14
		1	7	23.20	23.20	23.20	23.20	23.20	23.20	23.10	23.20	23.14	23.20	23.17	23.20
		1	14	23.15	23.14	23.18	23.17	23.14	23.19	23.07	23.20	23.09	23.19	23.18	23.15
	QPSK	8	0	22.70	22.73	22.71	22.70	22.70	22.76	22.70	22.89	22.70	22.80	22.74	22.70
		8	4	22.75	22.74	22.73	22.72	22.72	22.80	22.73	22.88	22.74	22.81	22.72	22.73
		8	7	22.70	22.73	22.75	22.71	22.72	22.79	22.70	22.89	22.74	22.78	22.70	22.73
		15	0	22.70	22.72	22.70	22.70	22.70	22.74	22.70	22.88	22.70	22.78	22.70	22.70
		1	0	20.70	20.83	20.70	20.76	20.70	20.96	20.70	21.20	20.70	21.11	20.70	20.70
		1	7	21.20	21.20	21.20	21.10	21.19	21.20	20.82	21.20	21.01	21.20	20.95	20.97
	16QAM	1	14	20.70	20.91	20.99	20.70	20.70	21.14	20.70	21.11	20.77	21.06	20.71	20.70
		8	0	20.75	20.89	20.83	20.72	20.71	20.95	20.80	21.16	20.77	21.20	20.78	20.72
		8	4	20.92	20.93	20.94	20.88	20.79	21.20	20.76	21.20	20.78	21.20	20.84	20.72
		8	7	20.70	20.96	21.00	20.80	20.79	21.20	20.72	21.19	20.87	21.04	20.77	20.85
		15	0	20.76	20.92	20.89	20.79	20.74	21.05	20.73	21.19	20.74	21.04	20.72	20.72
		1	0	20.70	20.83	20.70	20.76	20.70	20.96	20.70	21.20	20.70	21.11	20.70	20.70

OUTPUT POWER FOR LTE BAND 66 (3.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 14			ANT 1			ANT 3			ANT 4		
				131987	132322	132657	131987	132322	132657	131987	132322	132657	131987	132322	132657
3.0	QPSK	1	0	1711.5	1745.0	1778.5	1711.5	1745.0	1778.5	1711.5	1745.0	1778.5	1711.5	1745.0	1778.5
				25.25	25.60	25.55	25.39	25.34	25.56	25.33	25.70	25.26	25.70	25.42	25.39
		1	7	25.70	25.70	25.70	25.70	25.70	25.70	25.46	25.70	25.49	25.70	25.67	25.65
		1	14	25.31	25.60	25.55	25.42	25.41	25.67	25.24	25.69	25.36	25.70	25.34	25.42
		8	0	25.21	25.39	25.35	25.26	25.20	25.45	25.22	25.67	25.20	25.65	25.24	25.20
		8	4	25.26	25.39	25.20	25.30	25.30	25.58	25.24	25.70	25.25	25.64	25.27	25.20
	16QAM	8	7	25.20	25.35	25.44	25.20	25.21	25.50	25.20	25.65	25.30	25.52	25.26	25.27
		15	0	25.20	25.34	25.24	25.23	25.20	25.55	25.20	25.68	25.20	25.54	25.25	25.20
		1	0	24.57	24.65	24.64	24.60	24.60	24.67	24.45	24.70	24.46	24.70	24.58	24.63
		1	7	24.70	24.70	24.70	24.70	24.70	24.70	24.55	24.70	24.60	24.70	24.65	24.65
		1	14	24.57	24.67	24.66	24.61	24.57	24.62	24.45	24.70	24.51	24.70	24.59	24.57
		8	0	24.00	24.05	24.04	24.00	24.03	24.09	24.00	24.23	24.00	24.17	24.05	24.00
	64QAM	8	4	24.02	24.06	24.08	24.02	24.05	24.14	24.01	24.28	24.04	24.20	24.04	24.00
		8	7	24.00	24.07	24.08	24.03	24.03	24.11	24.02	24.25	24.06	24.12	24.01	24.01
		15	0	24.00	24.03	24.01	24.00	24.00	24.10	24.00	24.24	24.00	24.13	24.04	24.00
		1	0	23.12	23.16	23.18	23.16	23.17	23.17	23.03	23.20	23.04	23.20	23.11	23.14
		1	7	23.20	23.20	23.20	23.20	23.20	23.20	23.10	23.20	23.14	23.20	23.17	23.20
		1	14	23.15	23.14	23.18	23.17	23.14	23.19	23.07	23.20	23.09	23.19	23.18	23.15
	256QAM	8	0	22.70	22.73	22.71	22.70	22.70	22.76	22.70	22.89	22.70	22.80	22.74	22.70
		8	4	22.75	22.74	22.73	22.72	22.72	22.80	22.73	22.88	22.74	22.81	22.72	22.73
		8	7	22.70	22.73	22.75	22.71	22.72	22.79	22.70	22.89	22.74	22.78	22.70	22.73
		15	0	22.70	22.72	22.70	22.70	22.70	22.74	22.70	22.88	22.70	22.78	22.70	22.70
		1	0	20.70	20.83	20.70	20.76	20.70	20.96	20.70	21.20	20.70	21.11	20.70	20.70
		1	7	21.20	21.20	21.20	21.10	21.19	21.20	20.82	21.20	21.01	21.20	20.95	20.97
256QAM	1	14	20.70	20.91	20.99	20.70	20.70	21.14	20.70	21.11	20.77	21.06	20.71	20.70	
	8	0	20.75	20.89	20.83	20.72	20.71	20.95	20.80	21.16	20.77	21.20	20.78	20.72	
	8	4	20.92	20.93	20.94	20.88	20.79	21.20	20.76	21.20	20.78	21.20	20.84	20.72	
	8	7	20.70	20.96	21.00	20.80	20.79	21.20	20.72	21.19	20.87	21.04	20.77	20.85	
	15	0	20.76	20.92	20.89	20.79	20.74	21.05	20.73	21.19	20.74	21.04	20.72	20.72	

OUTPUT POWER FOR LTE BAND 66 (5.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 14			ANT 1			ANT 3			ANT 4		
				131997	132322	132647	131997	132322	132647	131997	132322	132647	131997	132322	132647
5.0	QPSK	1	0	1712.5	1745.0	1777.5	1712.5	1745.0	1777.5	1712.5	1745.0	1777.5	1712.5	1745.0	1777.5
		1	12	25.32	25.41	25.37	25.63	25.49	25.70	25.44	25.70	25.31	25.70	25.40	25.39
		1	24	25.35	25.41	25.70	25.60	25.62	25.70	25.48	25.70	25.37	25.70	25.46	25.43
		1	24	25.30	25.41	25.36	25.53	25.51	25.70	25.37	25.70	25.48	25.70	25.38	25.40
		12	0	25.20	25.27	25.70	25.27	25.20	25.40	25.27	25.57	25.20	25.59	25.20	25.20
		12	6	25.20	25.30	25.30	25.34	25.34	25.48	25.30	25.59	25.20	25.61	25.22	25.22
		12	11	25.20	25.31	25.44	25.27	25.20	25.54	25.26	25.58	25.25	25.59	25.25	25.30
		25	0	25.20	25.24	25.70	25.20	25.20	25.50	25.23	25.58	25.20	25.57	25.20	25.21
	16QAM	1	0	24.47	24.56	24.70	24.65	24.61	24.70	24.54	24.70	24.48	24.70	24.46	24.50
		1	12	24.52	24.57	24.70	24.70	24.67	24.70	24.50	24.70	24.54	24.70	24.51	24.53
		1	24	24.46	24.57	24.70	24.67	24.58	24.70	24.53	24.70	24.55	24.70	24.46	24.56
		12	0	24.00	24.04	24.42	24.04	24.00	24.08	24.05	24.20	24.00	24.25	24.02	24.00
		12	6	24.00	24.06	24.50	24.05	24.05	24.11	24.09	24.24	24.00	24.28	24.04	24.02
		12	11	24.00	24.07	24.51	24.02	24.00	24.13	24.05	24.21	24.02	24.24	24.01	24.05
		25	0	24.00	24.02	24.54	24.00	24.03	24.09	24.03	24.20	24.00	24.23	24.00	24.00
	64QAM	1	0	23.04	23.05	23.20	23.12	23.20	23.20	23.07	23.20	23.04	23.20	23.05	23.03
		1	12	23.05	23.10	23.20	23.19	23.19	23.20	23.15	23.20	23.11	23.20	23.06	23.09
		1	24	23.06	23.09	23.20	23.17	23.12	23.20	23.11	23.20	23.10	23.20	23.04	23.06
		12	0	22.72	22.70	22.89	22.72	22.70	22.72	22.75	22.86	22.70	22.87	22.70	22.71
		12	6	22.73	22.72	22.91	22.73	22.71	22.75	22.75	22.90	22.70	22.70	22.71	22.72
		12	11	22.71	22.72	22.91	22.71	22.70	22.75	22.75	22.87	22.72	22.70	22.72	22.76
		25	0	22.70	22.70	22.92	22.70	22.70	22.77	22.74	22.87	22.70	22.70	22.70	22.72
	256QAM	1	0	20.73	20.70	21.20	20.94	20.90	21.19	20.94	21.20	20.70	20.79	21.01	20.94
		1	12	20.86	20.86	21.20	21.16	21.20	21.20	20.89	21.20	20.80	21.16	21.20	21.20
		1	24	20.77	20.73	21.14	21.02	20.92	21.20	20.86	21.16	20.80	20.83	21.16	21.20
		12	0	20.77	20.70	21.17	20.81	20.70	20.95	20.83	21.14	20.70	20.70	20.81	20.91
		12	6	20.78	20.74	21.20	20.88	20.98	21.03	20.86	21.20	20.70	20.83	20.86	20.96
		12	11	20.75	20.74	21.17	20.82	20.80	21.18	20.78	21.12	20.75	20.70	20.89	21.05
		25	0	20.74	20.70	21.18	20.70	20.70	21.13	20.81	21.12	20.72	20.70	20.81	20.83

OUTPUT POWER FOR LTE BAND 66 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 14			ANT 1			ANT 3			ANT 4		
				132022	132322	132622	132022	132322	132622	132022	132322	132622	132022	132322	132622
10.0	QPSK	1	0	1715.0	1745.0	1775.0	1715.0	1745.0	1775.0	1715.0	1745.0	1775.0	1715.0	1745.0	1775.0
		1	24	25.23	25.27	25.51	25.50	25.54	25.58	25.32	25.44	25.70	25.46	25.67	25.58
		1	24	25.35	25.48	25.70	25.70	25.49	25.70	25.35	25.62	25.70	25.70	25.70	25.70
		1	49	25.41	25.48	25.70	25.62	25.48	25.70	25.30	25.55	25.70	25.49	25.68	25.59
		25	0	25.28	25.47	25.64	25.20	25.20	25.25	25.20	25.43	25.52	25.20	25.23	25.20
		25	12	25.48	25.58	25.20	25.28	25.25	25.55	25.20	25.54	25.60	25.20	25.33	25.35
		25	24	25.20	25.65	25.70	25.25	25.26	25.57	25.21	25.52	25.69	25.31	25.49	25.31
		50	0	25.21	25.20	25.22	25.22	25.20	25.55	25.20	25.52	25.57	25.26	25.28	25.32
	16QAM	1	0	24.50	24.61	24.70	24.66	24.67	24.68	24.53	24.64	24.67	24.60	24.70	24.65
		1	24	24.62	24.64	24.70	24.69	24.70	24.70	24.53	24.63	24.70	24.70	24.67	24.70
		1	49	24.67	24.70	24.68	24.68	24.65	24.70	24.45	24.70	24.70	24.66	24.62	24.62
		25	0	24.00	24.00	24.20	24.00	24.00	24.04	24.00	24.11	24.19	24.00	24.04	24.00
		25	12	24.06	24.08	24.14	24.07	24.01	24.12	24.00	24.19	24.19	24.02	24.06	24.07
		25	24	24.10	24.14	24.26	24.04	24.00	24.09	24.00	24.16	24.26	24.00	24.08	24.08
		50	0	24.00	24.15	24.13	24.02	24.00	24.09	24.00	24.17	24.19	24.01	24.01	24.04
	64QAM	1	0	23.09	23.20	23.20	23.14	23.20	23.20	22.95	23.20	23.04	23.10	23.17	23.17
		1	24	23.08	23.20	23.20	23.18	23.12	23.20	22.94	23.20	23.06	23.20	23.20	23.20
		1	49	23.07	23.16	23.18	23.12	23.12	23.20	22.95	23.20	23.09	23.15	23.20	23.18
		25	0	22.70	22.79	22.84	22.70	22.70	22.75	22.70	22.94	22.78	22.70	22.72	22.70
		25	12	22.70	22.81	22.93	22.71	22.71	22.79	22.70	22.97	22.81	22.76	22.73	22.74
		25	24	22.70	22.84	22.94	22.70	22.72	22.78	22.71	22.97	22.82	22.71	22.72	22.72
		50	0	22.71	22.85	22.96	22.72	22.71	22.77	22.70	22.96	22.79	22.72	22.70	22.73
	256QAM	1	0	20.70	20.92	21.07	20.91	20.91	21.20	20.70	21.18	20.88	21.01	21.20	21.20
		1	24	20.81	20.98	21.20	21.19	20.70	21.20	20.75	21.20	20.89	20.76	21.20	21.05
		1	49	20.77	20.96	21.10	20.76	20.76	21.20	20.75	21.20	20.96	20.90	20.70	21.10
		25	0	20.70	20.93	21.13	20.70	20.70	20.96	20.70	21.15	20.86	20.70	20.73	20.70
		25	12	20.75	20.93	21.20	20.93	20.85	21.20	20.71	21.20	20.87	20.90	20.79	21.00
		25	24	20.70	20.95	21.20	20.78	20.74	21.14	20.70	21.20	20.96	20.82	20.92	20.84
		50	0	20.74	20.94	21.20	20.80	20.79	21.07	20.70	21.17	20.88	20.77	20.78	20.91

OUTPUT POWER FOR LTE BAND 66 (15.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 14			ANT 1			ANT 3			ANT 4		
				132047	132322	132597	132047	132322	132597	132047	132322	132597	132047	132322	132597
15.0	QPSK	1	0	1717.5	1745.0	1772.5	1717.5	1745.0	1772.5	1717.5	1745.0	1772.5	1717.5	1745.0	1772.5
		1	37	25.43	25.69	25.32	25.47	25.50	25.70	25.58	25.62	25.70	25.59	25.66	25.64
		1	74	25.49	25.70	25.41	25.53	25.37	25.70	25.70	25.69	25.69	25.70	25.58	25.70
		36	0	25.51	25.70	25.30	25.41	25.30	25.70	25.58	25.38	25.70	25.70	25.59	25.47
		36	16	25.54	25.70	25.20	25.20	25.21	25.35	25.26	25.21	25.20	25.21	25.31	25.27
		36	16	25.48	25.67	25.20	25.22	25.22	25.33	25.25	25.20	25.23	25.33	25.26	25.20
		36	35	25.57	25.59	25.25	25.20	25.25	25.44	25.31	25.26	25.39	25.28	25.29	25.32
		75	0	25.52	25.64	25.20	25.20	25.20	25.41	25.27	25.23	25.20	25.26	25.20	25.20
	16QAM	1	0	24.70	24.52	24.55	24.61	24.62	24.62	24.67	24.68	24.63	24.60	24.70	24.70
		1	37	24.70	24.49	24.55	24.70	24.70	24.70	24.70	24.70	24.61	24.65	24.70	24.66
		1	74	24.70	24.50	24.55	24.67	24.69	24.69	24.70	24.66	24.66	24.64	24.61	24.68
		36	0	24.22	24.00	24.04	24.00	24.00	24.04	24.00	24.00	24.00	24.00	24.05	24.00
		36	16	24.27	24.00	24.09	24.04	24.06	24.06	24.04	24.00	24.00	24.00	24.07	24.00
		36	35	24.34	24.04	24.05	24.01	24.02	24.08	24.06	24.04	24.01	24.04	24.07	24.05
		75	0	24.27	24.00	24.06	24.03	24.00	24.10	24.02	24.02	24.01	24.04	24.02	24.04
	64QAM	1	0	23.20	23.05	23.05	23.20	23.20	23.19	23.19	23.19	23.18	23.18	23.19	23.17
		1	37	23.20	22.97	23.09	23.19	23.16	23.20	23.20	23.20	23.15	23.20	23.16	23.20
		1	74	23.20	23.02	23.04	23.15	23.13	23.18	23.16	23.17	23.20	23.20	23.17	23.19
		36	0	22.91	22.70	22.74	22.70	22.70	22.74	22.70	22.70	22.70	22.70	22.72	22.72
		36	16	22.76	22.70	22.77	22.72	22.70	22.75	22.75	22.70	22.70	22.74	22.72	22.70
		36	35	22.78	22.71	22.75	22.71	22.70	22.76	22.74	22.73	22.73	22.73	22.75	22.74
		75	0	22.79	22.70	22.76	22.71	22.70	22.75	22.73	22.73	22.70	22.71	22.70	22.70
	256QAM	1	0	21.20	20.84	21.05	20.70	20.81	21.07	21.20	20.76	21.08	20.83	20.88	21.12
		1	37	21.06	20.91	20.96	21.20	21.20	21.02	21.13	21.03	21.20	21.20	21.20	20.88
		1	74	21.20	20.79	20.86	20.73	21.09	21.20	21.20	20.95	20.99	20.74	20.70	21.20
		36	0	21.01	20.70	20.80	20.78	20.70	20.87	20.76	20.70	20.80	20.70	20.85	20.84
		36	16	21.11	20.70	20.92	20.82	20.79	20.90	20.87	20.70	20.76	20.87	20.83	20.78
		36	35	21.15	20.75	20.84	20.70	20.84	21.07	20.90	20.99	20.95	20.79	20.94	20.88
		75	0	21.20	20.70	20.87	20.81	20.80	21.05	20.84	20.94	20.70	20.79	20.83	20.70

OUTPUT POWER FOR LTE BAND 66 (20.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 14			ANT 1			ANT 3			ANT 4		
				132072	132322	132572	132072	132322	132572	132072	132322	132572	132072	132322	132572
20.0	QPSK	1	0	1720.0	1745.0	1770.0	1720.0	1745.0	1770.0	1720.0	1745.0	1770.0	1720.0	1745.0	1770.0
		1	49	25.43	25.63	25.70	25.62	25.44	25.56	25.43	25.58	25.70	25.38	25.68	25.63
		1	99	25.65	25.70	25.70	25.70	25.54	25.70	25.57	25.68	25.70	25.41	25.70	25.70
		50	0	25.33	25.44	25.61	25.55	25.64	25.70	25.34	25.40	25.70	25.57	25.61	25.70
		50	0	25.20	25.26	25.41	25.20	25.20	25.39	25.34	25.20	25.24	25.20	25.40	25.32
		50	24	25.32	25.26	25.40	25.36	25.29	25.41	25.34	25.31	25.20	25.20	25.42	25.27
		50	49	25.20	25.36	25.46	25.25	25.20	25.42	25.35	25.37	25.36	25.20	25.35	25.38
		100	0	25.26	25.20	25.36	25.24	25.22	25.31	25.36	25.32	25.20	25.20	25.34	25.34
	16QAM	1	0	24.55	24.70	24.70	24.60	24.60	24.70	24.53	24.63	24.70	24.58	24.70	24.64
		1	49	24.58	24.63	24.68	24.49	24.51	24.70	24.62	24.63	24.65	24.55	24.70	24.70
		1	99	24.53	24.69	24.70	24.64	24.69	24.70	24.55	24.70	24.70	24.59	24.55	24.59
		50	0	24.01	24.00	24.08	24.01	24.00	24.04	24.02	24.00	24.00	24.00	24.05	24.02
		50	24	24.04	24.00	24.10	24.05	24.00	24.04	24.05	24.06	24.01	24.02	24.05	24.03
		50	49	24.03	24.03	24.09	24.01	24.00	24.06	24.03	24.01	24.02	24.00	24.07	24.04
		100	0	24.03	24.00	24.06	24.02	24.00	24.03	24.03	24.02	24.00	24.00	24.01	24.05
	64QAM	1	0	23.16	23.15	23.19	23.13	23.12	23.20	23.17	23.19	23.19	23.17	23.15	23.20
		1	49	23.19	23.11	23.20	23.19	23.19	23.17	23.20	23.15	23.16	23.18	23.20	23.20
		1	99	23.11	23.20	23.20	23.18	23.20	23.20	23.20	23.19	23.20	23.17	23.18	23.18
		50	0	22.70	22.72	22.78	22.72	22.70	22.75	22.72	22.70	22.70	22.70	22.70	22.71
		50	24	22.76	22.70	22.78	22.72	22.72	22.72	22.72	22.71	22.70	22.72	22.70	22.72
		50	49	22.70	22.73	22.77	22.70	22.70	22.75	22.71	22.70	22.73	22.72	22.71	22.74
		100	0	22.72	22.72	22.77	22.72	22.71	22.73	22.71	22.70	22.70	22.71	22.71	22.73
	256QAM	1	0	20.94	21.09	21.20	21.02	20.90	21.20	20.94	20.82	21.10	21.17	21.04	20.75
		1	49	21.19	20.83	21.20	20.82	21.20	21.20	21.20	21.20	21.10	21.20	21.20	
		1	99	20.70	21.20	21.09	20.70	21.03	21.16	20.70	21.17	21.13	21.06	20.70	21.20
		50	0	20.70	20.70	21.09	20.70	20.70	20.77	20.94	20.70	20.72	20.70	20.73	20.74
		50	24	20.89	20.78	21.03	20.84	20.80	20.81	20.96	20.98	20.85	20.99	20.83	20.83
		50	49	20.77	20.92	20.98	20.78	20.76	20.92	20.88	20.83	20.95	20.74	20.71	21.03
		100	0	20.80	20.75	20.95	20.80	20.80	20.78	20.97	20.85	20.70	20.79	20.70	21.18

8.2. 5G NR n66

Test Engineer ID:	116001	Test Date:	2026-03-26
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OUTPUT POWER FOR 5G NR n66 (5.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 14			ANT 1			ANT 3			ANT 4		
				342500	349000	355500	342500	349000	355500	342500	349000	355500	342500	349000	355500
5.0	BPSK	1	0	1712.5	1745.0	1777.5	1712.5	1745.0	1777.5	1712.5	1745.0	1777.5	1712.5	1745.0	1777.5
		1	0	25.53	25.34	25.58	25.69	25.50	25.65	25.66	25.43	25.55	25.30	25.20	25.30
		1	1	25.56	25.69	25.50	25.70	25.59	25.32	25.69	25.20	25.41	25.70	25.58	25.67
		1	23	25.39	25.58	25.27	25.66	25.50	25.20	25.70	25.20	25.33	25.67	25.54	25.65
		1	24	25.45	25.42	25.36	25.60	25.50	25.20	25.42	25.20	25.23	25.30	25.20	25.22
		12	6	25.70	25.70	25.70	25.70	25.66	25.43	25.70	25.51	25.70	25.70	25.66	25.70
	QPSK	25	0	25.20	25.20	25.20	25.68	25.47	25.20	25.40	25.24	25.21	25.34	25.20	25.24
		1	0	24.81	24.88	24.85	25.05	24.86	24.70	24.92	24.70	24.79	24.88	24.70	24.70
		1	1	25.54	25.68	25.70	25.70	25.64	25.43	25.70	25.51	25.58	25.70	25.52	25.55
		1	23	25.65	25.68	25.51	25.69	25.62	25.32	25.53	25.47	25.47	25.70	25.49	25.53
		1	24	24.77	24.83	24.70	24.95	24.83	24.70	24.87	24.70	24.70	24.86	24.70	24.75
		12	6	25.70	25.64	25.70	25.70	25.58	25.70	25.68	25.70	25.70	25.64	25.64	25.61
	16QAM	25	0	24.70	24.70	24.79	25.11	24.77	24.70	24.87	24.79	24.82	24.81	24.72	24.81
		1	0	23.78	23.70	23.72	23.96	23.88	23.70	23.70	23.77	23.79	23.90	23.70	23.79
		1	1	24.66	24.70	24.70	24.70	24.65	24.54	24.70	24.56	24.70	24.70	24.50	24.64
		1	23	24.70	24.62	24.69	24.70	24.68	24.47	24.70	24.53	24.60	24.70	24.51	24.61
		1	24	23.70	23.77	23.70	23.91	23.73	23.70	23.77	23.72	23.70	23.80	23.70	23.79
		12	6	24.66	24.69	24.68	24.70	24.58	24.57	24.70	24.54	24.59	24.70	24.52	24.66
	64QAM	25	0	23.73	23.71	23.70	23.89	23.77	23.70	23.78	23.70	23.79	23.92	23.70	23.80
		1	0	22.82	22.70	22.86	23.20	23.06	22.93	23.10	22.70	22.99	23.20	22.73	23.05
		1	1	23.00	23.20	23.20	23.17	23.06	22.87	23.12	23.20	23.15	23.20	22.70	22.82
		1	23	22.92	23.18	22.70	23.16	23.20	22.88	23.13	22.95	22.70	23.06	22.70	22.84
		1	24	22.72	23.07	22.70	23.02	22.95	22.70	23.20	22.79	22.70	23.07	22.73	22.93
		12	6	22.90	22.95	23.20	23.17	22.88	22.70	23.20	22.91	23.01	23.20	22.70	23.03
	256QAM	25	0	22.87	22.79	22.88	23.20	22.81	22.70	23.20	22.87	22.94	23.01	22.70	22.98
		1	0	21.15	20.79	20.97	21.17	21.01	20.70	21.20	21.12	20.70	21.08	20.70	21.03
		1	1	21.20	21.01	21.14	21.20	21.06	20.78	21.00	21.10	21.05	21.19	20.86	20.97
		1	23	20.84	20.70	20.88	21.20	20.95	20.70	21.20	21.05	20.96	21.20	20.81	20.98
		1	24	20.91	20.70	20.81	21.11	20.71	20.70	21.19	20.70	20.80	21.20	20.74	21.02
		12	6	21.20	20.72	21.02	21.13	21.02	20.85	21.20	20.86	21.05	21.20	20.70	21.12
		25	0	21.20	20.70	20.87	21.20	20.97	20.70	21.18	20.81	20.70	21.18	20.70	20.80

OUTPUT POWER FOR 5G NR n66 (10.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 14			ANT 1			ANT 3			ANT 4		
				343000	349000	355000	343000	349000	355000	343000	349000	355000	343000	349000	355000
10.0	BPSK	1	0	1715.0	1745.0	1775.0	1715.0	1745.0	1775.0	1715.0	1745.0	1775.0	1715.0	1745.0	1775.0
		1	0	25.20	25.24	25.59	25.40	25.47	25.70	25.61	25.45	25.70	25.33	25.20	25.21
		1	1	25.69	25.70	25.70	25.70	25.62	25.70	25.70	25.57	25.70	25.70	25.64	25.57
		1	50	25.45	25.58	25.50	25.60	25.37	25.29	25.67	25.35	25.52	25.70	25.60	25.61
		1	51	25.20	25.29	25.25	25.20	25.20	25.28	25.39	25.20	25.20	25.24	25.20	25.22
		25	12	25.63	25.41	25.70	25.41	25.21	25.59	25.69	25.32	25.52	25.70	25.65	25.64
	QPSK	50	0	25.47	25.20	25.65	25.24	25.20	25.46	25.59	25.23	25.20	25.36	25.20	25.20
		1	0	24.79	24.70	24.92	24.87	24.70	24.78	24.88	24.70	24.87	24.82	24.70	24.70
		1	1	25.70	25.59	25.70	25.61	25.61	25.70	25.70	25.61	25.70	25.70	25.62	25.65
		1	50	25.61	25.66	25.65	25.70	25.51	25.60	25.70	25.49	25.52	25.70	25.55	25.57
		1	51	24.70	24.77	24.70	24.72	24.70	24.72	24.75	24.70	24.70	24.77	24.70	24.71
		25	12	25.68	25.62	25.70	25.70	25.47	25.64	25.64	25.50	25.55	25.70	25.62	25.63
	16QAM	50	0	24.81	24.81	24.90	24.76	24.70	24.79	24.91	24.80	24.71	24.90	24.71	24.72
		1	0	23.82	23.70	23.79	23.79	23.70	23.87	23.76	23.80	23.78	23.93	23.73	23.70
		1	1	24.64	24.67	24.70	24.70	24.57	24.59	24.70	24.66	24.70	24.70	24.57	24.63
		1	50	24.55	24.70	24.61	24.65	24.56	24.60	24.65	24.59	24.41	24.70	24.59	24.66
		1	51	23.70	23.70	23.70	23.84	23.70	23.70	23.70	23.70	23.70	23.82	23.70	23.70
		25	12	24.66	24.67	24.70	24.70	24.61	24.70	24.70	24.61	24.70	24.70	24.59	24.68
	64QAM	50	0	23.76	23.76	23.76	23.80	23.75	23.72	23.83	23.76	23.76	23.84	23.74	23.81
		1	0	22.80	23.12	22.88	22.78	22.91	23.20	23.20	23.00	23.20	23.20	22.75	22.90
		1	1	22.70	22.70	23.20	22.98	23.20	23.06	23.19	22.82	23.17	23.20	22.88	22.70
		1	50	23.18	22.73	23.20	23.20	22.70	22.76	22.98	22.88	22.70	22.90	22.70	23.17
		1	51	23.07	22.86	22.70	23.03	22.70	22.70	22.70	22.85	22.70	23.10	22.80	22.80
		25	12	23.16	22.88	23.10	23.16	22.71	22.94	23.20	22.85	22.71	23.07	22.93	23.15
	256QAM	50	0	23.06	23.07	23.20	23.06	22.83	23.00	23.17	22.98	22.70	23.20	22.90	22.70
		1	0	20.81	21.07	21.13	21.00	21.07	21.04	20.92	20.90	20.79	21.18	20.79	21.20
		1	1	20.79	21.02	21.20	21.16	20.93	21.20	20.91	21.20	21.20	21.14	21.03	20.70
		1	50	21.20	20.70	20.70	21.16	20.74	20.70	20.99	20.81	20.70	21.14	20.70	20.89
		1	51	21.20	20.70	20.74	20.91	20.78	20.70	20.89	20.70	20.70	21.19	20.70	21.20
		25	12	21.10	20.72	21.14	21.20	20.70	20.87	21.18	20.95	20.93	21.15	20.73	21.04
		50	0	21.17	20.93	21.11	21.20	20.77	21.13	21.20	20.93	20.93	21.20	20.86	20.94

OUTPUT POWER FOR 5G NR n66 (15.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 14			ANT 1			ANT 3			ANT 4		
				343500	349000	354500	343500	349000	354500	343500	349000	354500	343500	349000	354500
15.0	BPSK	1	0	1717.5	1745.0	1772.5	1717.5	1745.0	1772.5	1717.5	1745.0	1772.5	1717.5	1745.0	1772.5
		1	0	25.35	25.23	25.70	25.48	25.50	25.40	25.67	25.37	25.47	25.56	25.68	25.34
		1	1	25.70	25.35	25.70	25.70	25.42	25.70	25.70	25.36	25.58	25.70	25.70	25.43
		1	77	25.59	25.64	25.54	25.70	25.45	25.47	25.70	25.34	25.31	25.70	25.50	25.37
		1	78	25.31	25.38	25.42	25.40	25.22	25.20	25.64	25.20	25.20	25.33	25.20	25.20
		36	18	25.35	25.20	25.55	25.59	25.20	25.51	25.70	25.23	25.41	25.61	25.48	25.24
		75	0	25.20	25.20	25.31	25.36	25.20	25.21	25.54	25.20	25.29	25.42	25.28	25.20
	QPSK	1	0	24.87	24.72	24.95	24.91	24.80	24.82	25.05	24.88	24.87	25.37	24.97	24.70
		1	1	25.70	25.51	25.70	25.70	25.54	25.70	25.70	25.37	25.66	25.70	25.61	25.63
		1	77	25.51	25.70	25.66	25.64	25.51	25.52	25.70	25.35	25.37	25.67	25.47	25.70
		1	78	24.70	24.81	24.70	24.80	24.70	24.70	25.14	24.70	24.70	25.10	24.70	25.22
		36	18	25.65	25.51	25.68	25.70	25.39	25.66	25.70	25.35	25.51	25.70	25.28	25.67
		75	0	24.78	24.70	24.90	24.79	24.70	24.71	25.12	24.70	24.73	25.04	24.70	24.87
	16QAM	1	0	23.75	23.80	23.87	23.74	23.84	23.84	23.87	23.96	23.89	23.93	23.89	23.77
		1	1	24.52	24.62	24.70	24.70	24.70	24.68	24.70	24.62	24.70	24.70	24.69	24.65
		1	77	24.59	24.70	24.70	24.62	24.58	24.70	24.68	24.63	24.58	24.70	24.63	24.49
		1	78	23.70	23.70	23.86	23.70	23.75	23.70	23.70	23.81	23.70	23.87	23.80	23.70
		36	18	24.48	24.48	24.55	24.67	24.46	24.61	24.53	24.59	24.70	24.70	24.54	24.43
		75	0	23.70	23.71	23.74	23.79	23.70	23.73	23.78	23.70	23.84	23.83	23.70	23.70
	64QAM	1	0	22.84	22.76	23.20	22.83	23.20	23.20	23.03	22.70	23.20	23.07	23.20	22.92
		1	1	23.06	23.00	23.20	23.17	22.90	23.20	22.92	23.05	23.20	23.20	23.20	22.79
		1	77	22.81	22.98	22.70	22.93	22.70	22.70	22.82	23.20	22.95	23.20	22.70	22.91
		1	78	22.94	23.20	23.12	23.05	22.97	22.95	22.74	23.20	22.70	22.95	22.73	22.78
		36	18	22.70	22.70	23.08	22.83	22.70	23.02	22.70	22.90	22.88	22.83	22.78	22.70
		75	0	22.70	22.82	23.05	22.91	22.73	23.07	22.82	22.99	22.87	23.06	22.70	22.74
	256QAM	1	0	20.96	20.85	21.17	21.15	20.85	21.20	20.99	21.08	21.20	21.20	21.03	20.91
		1	1	21.20	21.18	21.20	21.20	20.75	21.20	21.03	21.20	21.20	21.05	21.20	20.93
		1	77	20.72	20.76	21.01	21.10	21.06	20.90	20.72	21.02	20.70	21.03	20.86	20.99
		1	78	20.88	21.00	20.70	20.98	20.70	20.70	20.70	21.02	20.70	21.06	20.70	20.81
		36	18	20.81	20.70	21.07	21.04	20.74	20.82	20.83	20.93	20.92	20.99	20.89	20.70
		75	0	20.90	20.70	21.20	21.01	20.70	20.87	20.85	21.02	20.85	21.20	20.74	20.70

OUTPUT POWER FOR 5G NR n66 (20.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 14			ANT 1			ANT 3			ANT 4		
				344000	349000	354000	344000	349000	354000	344000	349000	354000	344000	349000	354000
20.0	BPSK	1	0	1720.0	1745.0	1770.0	1720.0	1745.0	1770.0	1720.0	1745.0	1770.0	1720.0	1745.0	1770.0
		1	0	25.20	25.20	25.63	25.42	25.50	25.60	25.52	25.20	25.64	25.22	25.20	25.20
		1	1	25.50	25.37	25.70	25.70	25.44	25.70	25.70	25.70	25.70	25.66	25.70	25.63
		1	104	25.57	25.70	25.58	25.59	25.53	25.37	25.69	25.65	25.20	25.70	25.65	25.70
		1	105	25.20	25.46	25.40	25.20	25.20	25.60	25.28	25.20	25.20	25.20	25.22	25.20
		50	25	25.45	25.32	25.70	25.64	25.32	25.44	25.51	25.43	25.40	25.69	25.68	25.69
		100	0	25.45	25.33	25.68	25.70	25.32	25.59	25.43	25.38	25.27	25.32	25.31	25.34
	QPSK	1	0	24.70	24.70	25.01	24.93	24.70	24.99	24.70	24.76	24.79	24.70	24.77	24.78
		1	1	25.67	25.37	25.70	25.70	25.56	25.66	25.70	25.51	25.55	25.65	25.70	25.70
		1	104	25.53	25.69	25.70	25.57	25.55	25.59	25.70	25.42	25.40	25.58	25.70	25.64
		1	105	24.70	24.86	24.75	24.70	24.73	24.70	24.70	24.76	24.70	24.70	24.73	24.70
		50	25	25.54	25.62	25.70	25.70	25.39	25.70	25.70	25.53	25.56	25.64	25.64	25.63
		100	0	24.78	24.90	25.20	24.92	24.73	24.96	24.82	24.72	24.74	24.82	24.82	24.80
	16QAM	1	0	23.70	23.70	23.88	23.89	23.70	23.84	23.85	23.78	23.71	23.70	23.77	23.78
		1	1	24.70	24.34	24.70	24.70	24.52	24.70	24.70	24.60	24.70	24.58	24.70	24.70
		1	104	24.56	24.65	24.70	24.57	24.50	24.55	24.70	24.66	24.39	24.64	24.70	24.65
		1	105	23.70	23.95	23.79	23.70	23.70	23.72	23.82	23.70	23.70	23.71	23.70	23.74
		50	25	24.67	24.61	24.70	24.68	24.60	24.70	24.70	24.59	24.63	24.68	24.70	24.59
		100	0	23.73	23.72	23.83	23.79	23.71	23.79	23.78	23.77	23.70	23.77	23.73	23.70
	64QAM	1	0	23.20	22.70	23.13	23.20	23.19	23.11	23.20	23.03	23.04	22.95	23.20	23.00
		1	1	22.70	22.88	23.01	23.06	22.70	22.71	23.20	22.81	22.98	23.20	22.86	22.93
		1	104	22.95	23.02	22.92	23.20	23.12	23.10	23.17	22.94	22.70	22.70	23.20	22.70
		1	105	22.89	23.05	22.70	22.79	23.20	22.70	22.85	22.70	22.70	23.05	22.80	22.97
		50	25	22.92	22.88	23.20	23.15	22.74	22.90	23.20	22.77	22.88	22.96	23.10	22.70
		100	0	22.92	22.81	23.20	23.01	22.70	22.95	23.10	22.89	22.81	22.91	23.19	22.72
	256QAM	1	0	21.10	20.89	21.20	21.20	20.70	21.20	21.20	20.91	20.96	21.07	21.20	21.20
		1	1	20.70	20.84	21.20	21.07	20.89	20.70	20.70	21.20	20.87	20.70	21.20	20.88
		1	104	20.92	20.97	20.84	21.06	20.70	20.85	20.70	20.95	20.74	21.06	21.15	20.70
		1	105	20.70	21.13	20.70	21.01	21.00	20.74	21.01	20.86	20.70	21.17	20.86	20.70
		50	25	20.73	20.88	21.20	21.20	20.71	21.09	21.20	20.85	21.17	21.00	21.17	20.73
		100	0	20.77	20.96	21.14	21.15	20.71	21.13	21.11	20.88	21.00	21.02	20.99	20.76

OUTPUT POWER FOR 5G NR n66 (25.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 14			ANT 1			ANT 3			ANT 4		
				344500	349000	353500	344500	349000	353500	344500	349000	353500	344500	349000	353500
25.0	BPSK	1	0	25.49	25.27	25.68	25.70	25.41	25.53	25.69	25.70	25.45	25.28	25.30	25.28
		1	1	25.70	25.58	25.62	25.70	25.68	25.70	25.70	25.70	25.64	25.70	25.70	25.67
		1	131	25.52	25.54	25.70	25.62	25.54	25.41	25.52	25.56	25.20	25.61	25.67	25.70
		1	132	25.34	25.59	25.24	25.30	25.43	25.28	25.44	25.26	25.20	25.20	25.29	25.25
		64	32	25.20	25.21	25.56	25.61	25.20	25.45	25.43	25.40	25.46	25.61	25.55	25.58
		128	0	25.20	25.20	25.33	25.37	25.20	25.20	25.33	25.29	25.20	25.21	25.20	25.20
	QPSK	1	0	24.72	24.78	24.83	24.99	24.75	24.89	24.94	24.86	24.93	24.72	24.70	24.75
		1	1	25.70	25.59	25.70	25.70	25.70	25.70	25.69	25.70	25.68	25.67	25.70	25.70
		1	131	25.46	25.70	25.64	25.67	25.58	25.44	25.56	25.70	25.49	25.64	25.70	25.70
		1	132	24.71	24.85	24.82	24.80	24.76	24.70	24.86	24.87	24.70	24.71	24.71	24.78
		64	32	25.45	25.42	25.65	25.69	25.46	25.59	25.56	25.61	25.56	25.62	25.64	25.60
		128	0	24.70	24.70	24.70	24.85	24.70	24.70	24.80	24.70	24.70	24.73	24.70	24.70
	16QAM	1	0	23.70	23.70	23.97	23.78	23.70	23.81	23.88	23.97	23.82	23.74	23.97	23.80
		1	1	24.70	24.62	24.67	24.70	24.70	24.67	24.70	24.70	24.70	24.70	24.70	24.70
		1	131	24.50	24.70	24.70	24.60	24.70	24.70	24.58	24.55	24.30	24.55	24.44	24.55
		1	132	23.70	23.95	23.79	23.83	23.76	23.70	23.83	23.73	23.70	23.78	23.70	23.70
		64	32	24.59	24.55	24.68	24.70	24.53	24.59	24.53	24.46	24.47	24.57	24.58	24.51
		128	0	23.72	23.70	23.78	23.77	23.70	23.74	23.78	23.70	23.70	23.72	23.70	23.71
	64QAM	1	0	23.01	22.70	22.99	23.20	23.20	22.86	22.88	22.91	22.74	23.20	23.12	23.20
		1	1	23.02	22.80	22.70	23.20	22.70	22.86	23.20	23.20	23.20	22.95	23.20	22.91
		1	131	22.78	23.20	22.98	23.02	22.83	22.99	22.84	22.70	22.82	22.87	22.70	23.20
		1	132	22.93	23.11	23.16	22.70	22.92	22.94	22.70	22.96	22.70	22.95	22.70	22.93
		64	32	22.89	22.70	23.20	23.11	22.85	22.95	22.78	22.78	22.80	22.88	22.99	22.85
		128	0	22.75	22.77	23.20	22.84	22.70	22.92	23.01	22.83	22.77	22.92	22.88	22.70
	256QAM	1	0	20.79	20.81	21.20	21.20	20.93	20.82	21.20	21.10	21.15	21.20	20.89	21.09
		1	1	20.72	20.71	21.17	20.99	21.20	20.86	21.20	20.86	20.98	21.02	21.20	21.10
		1	131	20.74	20.86	21.20	20.87	20.79	20.73	20.70	20.70	21.20	20.92	20.70	21.20
		1	132	20.74	20.81	21.19	21.20	20.78	20.70	21.07	20.86	20.70	20.70	20.70	21.03
		64	32	20.70	20.70	21.20	21.14	20.70	20.80	20.85	20.72	20.74	20.79	20.71	20.77
		128	0	20.71	20.70	21.20	21.01	20.70	20.95	21.04	20.72	20.93	20.78	20.86	20.71

OUTPUT POWER FOR 5G NR n66 (30.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 14			ANT 1			ANT 3			ANT 4		
				345000	349000	353000	345000	349000	353000	345000	349000	353000	345000	349000	353000
30.0	BPSK	1	0	25.40	25.48	25.37	25.42	25.57	25.20	25.46	25.59	25.40	25.20	25.34	25.23
		1	1	25.59	25.40	25.39	25.70	25.63	25.65	25.70	25.47	25.63	25.56	25.70	25.70
		1	158	25.55	25.70	25.70	25.70	25.70	25.26	25.70	25.70	25.55	25.62	25.70	25.68
		1	159	25.42	25.70	25.48	25.28	25.59	25.34	25.38	25.46	25.20	25.20	25.33	25.31
		80	40	25.36	25.20	25.60	25.58	25.20	25.43	25.39	25.32	25.48	25.64	25.62	25.58
		160	0	25.20	25.20	25.42	25.24	25.20	25.27	25.20	25.26	25.20	25.20	25.22	25.20
	QPSK	1	0	24.98	24.70	24.92	24.98	24.88	24.70	24.82	25.04	24.70	24.70	24.79	24.80
		1	1	25.65	25.38	25.68	25.70	25.70	25.55	25.70	25.70	25.50	25.64	25.70	25.70
		1	158	25.70	25.70	25.70	25.70	25.60	25.70	25.66	25.70	25.39	25.67	25.69	25.70
		1	159	24.72	25.05	25.21	24.80	24.89	24.70	24.73	24.84	24.70	24.72	24.74	24.71
		80	40	25.48	25.39	25.70	25.54	25.52	25.52	25.47	25.55	25.55	25.56	25.61	25.58
		160	0	24.70	24.70	24.97	24.84	24.70	24.71	24.75	24.70	24.86	24.70	24.70	24.70
	16QAM	1	0	23.88	23.74	23.70	23.82	23.85	23.80	23.95	23.85	23.98	23.70	23.80	23.88
		1	1	24.58	24.59	24.65	24.70	24.53	24.48	24.59	24.61	24.70	24.66	24.70	24.50
		1	158	24.68	24.70	24.70	24.70	24.70	24.60	24.65	24.70	24.59	24.68	24.70	24.70
		1	159	23.84	24.02	23.77	23.70	23.90	23.70	23.71	23.70	23.70	23.72	23.71	23.81
		80	40	24.57	24.60	24.70	24.66	24.62	24.56	24.57	24.57	24.70	24.65	24.70	24.60
		160	0	23.70	23.70	23.76	23.76	23.73	23.70	23.70	23.72	23.71	23.70	23.73	23.70
	64QAM	1	0	23.11	22.86	22.78	23.20	23.20	23.03	22.91	23.20	22.86	22.71	22.71	22.92
		1	1	22.74	22.92	22.80	23.13	22.86	22.70	22.81	23.20	22.88	23.06	23.20	22.70
		1	158	22.80	23.20	23.20	23.09	23.17	22.82	22.88	23.20	23.20	22.82	23.17	23.17
		1	159	22.70	23.20	22.82	23.11	23.10	22.87	22.80	22.70	22.70	22.86	22.89	23.20
		80	40	22.70	22.73	23.08	23.20	22.98	22.88	22.80	22.70	22.92	22.70	22.91	22.82
		160	0	22.70	22.81	23.00	22.95	22.85	22.72	22.79	22.88	22.88	22.70	22.76	22.70
	256QAM	1	0	21.00	21.11	21.11	21.20	21.05	20.70	21.20	21.05	21.20	20.78	20.99	21.03
		1	1	21.20	20.82	21.17	20.91	21.20	20.97	21.12	21.20	20.99	21.07	20.70	21.20
		1	158	20.94	20.70	20.81	20.70	21.20	20.70	21.07	20.74	20.70	21.20	21.13	20.70
		1	159	20.70	21.20	21.09	20.88	20.70	21.06	20.70	20.71	20.70	21.20	20.95	20.70
		80	40	20.86	20.86	21.20	20.99	20.73	20.97	20.98	20.82	20.95	20.79	20.97	20.77
		160	0	20.74	20.70	21.06	20.98	20.91	21.01	20.96	20.92	21.01	20.93	20.90	20.87

OUTPUT POWER FOR 5G NR n66 (35.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 14			ANT 1			ANT 3			ANT 4		
				345500	349000	352500	345500	349000	352500	345500	349000	352500	345500	349000	352500
35.0	BPSK	1	0	1727.5	1745.0	1762.5	1727.5	1745.0	1762.5	1727.5	1745.0	1762.5	1727.5	1745.0	1762.5
		1	0	25.34	25.20	25.55	25.38	25.57	25.20	25.58	25.61	25.70	25.21	25.32	25.32
		1	1	25.40	25.22	25.58	25.70	25.39	25.29	25.61	25.56	25.38	25.61	25.63	25.66
		1	186	25.49	25.70	25.70	25.20	25.59	25.52	25.28	25.70	25.20	25.66	25.70	25.68
		1	187	25.20	25.70	25.39	25.20	25.70	25.46	25.39	25.70	25.20	25.20	25.30	25.23
		90	45	25.42	25.33	25.70	25.59	25.22	25.70	25.65	25.55	25.60	25.63	25.70	25.70
	QPSK	180	0	25.21	25.20	25.55	25.29	25.36	25.58	25.47	25.33	25.20	25.20	25.20	25.24
		1	0	24.83	24.72	24.70	24.81	24.72	24.80	24.73	24.79	24.70	24.70	24.75	24.78
		1	1	25.46	25.40	25.56	25.70	25.42	25.28	25.70	25.67	25.40	25.70	25.69	25.69
		1	186	25.70	25.70	25.66	25.50	25.34	25.70	25.43	25.56	25.27	25.64	25.59	25.63
		1	187	24.70	24.88	24.85	24.70	24.70	25.16	24.78	25.12	24.70	24.70	24.79	24.86
		90	45	25.41	25.49	25.70	25.62	25.40	25.70	25.70	25.56	25.70	25.70	25.70	25.61
	16QAM	180	0	24.70	24.71	24.85	24.75	24.70	24.85	24.86	24.70	24.71	24.72	24.70	24.73
		1	0	23.93	23.70	23.81	23.90	23.70	23.71	23.81	23.80	23.84	23.79	23.70	23.72
		1	1	24.60	24.38	24.57	24.70	24.58	24.53	24.63	24.70	24.70	24.49	24.70	24.63
		1	186	24.70	24.70	24.68	24.49	24.70	24.58	24.70	24.61	24.57	24.70	24.70	24.67
		1	187	23.70	23.82	23.83	23.70	23.88	23.70	23.88	23.70	23.70	23.87	23.75	23.70
		90	45	24.65	24.64	24.70	24.70	24.58	24.66	24.67	24.55	24.56	24.68	24.61	24.65
	64QAM	180	0	23.70	23.72	23.72	23.81	23.75	23.87	23.81	23.83	23.70	23.70	23.71	23.72
		1	0	23.18	22.75	22.70	23.20	22.91	22.84	23.12	23.20	23.12	23.19	23.09	22.70
		1	1	23.20	22.70	22.82	23.20	23.01	22.70	22.70	23.02	23.01	22.70	23.20	22.89
		1	186	22.70	23.20	22.90	22.72	22.86	23.11	22.92	23.20	22.70	22.70	23.20	22.78
		1	187	23.20	23.03	22.92	22.70	23.10	22.78	22.80	23.20	22.84	22.79	23.20	22.72
		90	45	22.80	22.85	23.02	23.03	22.70	23.20	22.98	22.70	22.83	22.95	22.97	22.94
	256QAM	180	0	22.77	22.84	22.99	23.14	22.94	22.85	23.02	22.91	22.85	22.91	22.84	23.00
		1	0	21.20	20.70	21.13	21.20	21.07	21.01	20.87	21.20	20.98	20.70	20.70	20.71
		1	1	21.01	20.70	21.20	21.20	21.20	20.96	21.01	21.20	21.01	20.76	21.20	20.79
		1	186	20.84	20.83	21.20	20.70	20.70	21.08	21.05	21.20	21.01	20.82	20.79	21.20
		1	187	21.10	20.70	20.80	21.00	20.84	20.93	20.70	20.95	20.70	21.20	20.86	20.70
		90	45	20.95	20.98	21.06	20.94	20.70	21.12	21.14	20.71	21.06	20.80	21.05	20.83
		180	0	21.12	20.97	21.17	20.94	20.78	21.01	21.15	20.79	20.70	20.94	21.07	20.75

OUTPUT POWER FOR 5G NR n66 (40.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 14			ANT 1			ANT 3			ANT 4		
				346000	349000	352000	346000	349000	352000	346000	349000	352000	346000	349000	352000
40.0	BPSK	1	0	1730.0	1745.0	1760.0	1730.0	1745.0	1760.0	1730.0	1745.0	1760.0	1730.0	1745.0	1760.0
		1	0	25.20	25.20	25.33	25.29	25.29	25.20	25.51	25.70	25.20	25.26	25.34	25.21
		1	1	25.48	25.21	25.50	25.70	25.45	25.60	25.49	25.60	25.37	25.70	25.63	25.65
		1	214	25.44	25.70	25.70	25.30	25.70	25.53	25.53	25.70	25.26	25.70	25.61	25.70
		1	215	25.28	25.70	25.41	25.20	25.29	25.53	25.45	25.54	25.20	25.20	25.24	25.20
		108	54	25.20	25.32	25.55	25.28	25.20	25.41	25.35	25.34	25.20	25.60	25.64	25.53
	QPSK	216	0	25.39	25.43	25.45	25.36	25.34	25.48	25.46	25.36	25.70	25.30	25.31	25.20
		1	0	24.79	24.70	24.87	24.98	24.88	24.70	24.70	24.83	25.15	24.76	24.71	24.70
		1	1	25.51	25.70	25.41	25.70	25.70	25.53	25.40	25.55	25.70	25.60	25.70	25.65
		1	214	25.44	25.70	25.70	25.45	25.70	25.48	25.44	25.52	25.70	25.70	25.57	25.64
		1	215	24.70	25.19	24.94	24.70	24.77	24.70	24.70	24.70	24.92	24.70	24.76	24.70
		108	54	25.45	25.52	25.68	25.38	25.42	25.56	25.28	25.29	25.70	25.64	25.70	25.53
	16QAM	216	0	24.70	24.88	24.91	24.76	24.77	24.90	24.76	24.74	25.04	24.79	24.87	24.75
		1	0	23.70	23.70	23.70	23.74	23.79	23.80	23.73	23.80	23.98	23.70	23.81	23.73
		1	1	24.54	24.70	24.47	24.70	24.66	24.46	24.59	24.51	24.70	24.48	24.61	24.69
		1	214	24.63	24.69	24.70	24.70	24.70	24.66	24.51	24.43	24.70	24.70	24.70	24.70
		1	215	23.74	23.84	23.71	23.70	23.75	23.98	23.70	23.88	23.79	23.70	23.76	23.70
		108	54	24.56	24.59	24.70	24.51	24.44	24.54	24.48	24.38	24.70	24.56	24.60	24.57
	64QAM	216	0	23.70	23.74	23.79	23.70	23.70	23.77	23.70	23.70	23.88	23.77	23.73	23.75
		1	0	23.20	22.74	22.70	23.20	23.08	22.98	22.92	22.84	23.20	22.70	22.70	22.87
		1	1	22.70	23.15	22.98	23.03	23.03	23.20	22.75	23.11	23.04	23.17	22.70	23.20
		1	214	22.99	23.20	22.98	22.70	23.20	22.70	22.83	22.98	23.20	22.91	23.20	22.99
		1	215	22.97	23.14	23.20	22.99	23.16	22.70	23.01	22.70	23.08	22.74	23.09	23.20
		108	54	22.83	22.97	23.11	23.03	22.78	22.99	22.87	22.70	23.20	22.89	22.96	23.06
	256QAM	216	0	22.70	22.91	23.06	23.06	22.77	22.81	22.78	22.70	23.12	22.94	22.93	22.82
		1	0	21.20	21.20	20.85	21.20	21.09	20.82	21.03	20.93	21.20	20.70	21.20	20.78
		1	1	21.16	21.07	20.78	21.20	21.20	20.70	21.08	20.90	21.20	21.20	20.90	21.20
		1	214	20.70	21.10	20.70	20.70	20.82	20.79	20.70	20.85	20.94	20.76	20.88	20.70
		1	215	20.70	21.20	20.76	20.70	20.90	20.78	20.90	20.70	21.20	20.70	20.70	20.90
		108	54	20.89	20.90	21.11	20.88	20.92	20.93	20.91	20.70	21.08	20.89	20.86	21.09
		216	0	20.92	21.00	20.94	20.98	20.91	20.94	20.79	20.70	21.15	20.98	20.89	20.98

OUTPUT POWER FOR 5G NR n66 (45.0 MHz)

Bandwidth (MHz)	Modulation	RB Allocation	RB Offset	Conducted Average (dBm)											
				ANT 14			ANT 1			ANT 3			ANT 4		
				346500	349000	351500	346500	349000	351500	346500	349000	351500	346500	349000	351500
45.0	BPSK	1	0	1732.5	1745.0	1757.5	1732.5	1745.0	1757.5	1732.5	1745.0	1757.5	1732.5	1745.0	1757.5
		1	0	25.24	25.47	25.33	25.49	25.27	25.39	25.49	25.51	25.31	25.20	25.21	25.25
		1	1	25.53	25.20	25.49	25.70	25.53	25.26	25.70	25.70	25.53	25.70	25.70	25.69
		1	240	25.53	25.70	25.70	25.66	25.60	25.70	25.31	25.70	25.20	25.63	25.70	25.67
		1	241	25.64	25.70	25.40	25.48	25.52	25.70	25.25	25.70	25.20	25.24	25.26	25.28
		120	60	25.20	25.30	25.35	25.20	25.20	25.36	25.28	25.24	25.20	25.60	25.51	25.59
		240	0	25.20	25.41	25.46	25.20	25.35	25.45	25.40	25.30	25.21	25.23	25.20	25.20
		1	0	24.74	24.70	24.70	24.93	24.75	24.70	24.88	24.94	24.70	24.72	24.82	24.82
		1	1	25.50	25.51	25.55	25.70	25.67	25.68	25.70	25.59	25.65	25.70	25.70	25.70
		1	240	25.70	25.70	25.70	25.58	25.70	25.70	25.70	25.64	25.30	25.70	25.67	25.64
		1	241	24.90	24.89	24.91	24.82	24.82	24.87	24.88	24.76	24.70	24.74	24.70	24.70
		120	60	25.23	25.21	25.42	25.33	25.33	25.44	25.49	25.49	25.42	25.64	25.54	25.58
	QPSK	240	0	24.70	24.77	24.82	24.70	24.70	24.74	24.90	24.86	24.70	24.76	24.70	24.74
		1	0	23.77	23.70	23.73	23.70	23.77	23.70	23.77	23.95	23.70	23.71	23.77	23.74
		1	1	24.66	24.70	24.30	24.70	24.70	24.37	24.70	24.70	24.55	24.47	24.54	24.70
		1	240	24.70	24.60	24.70	24.44	24.48	24.70	24.70	24.63	24.53	24.47	24.66	24.70
		1	241	23.87	23.83	23.86	23.75	23.79	23.90	23.73	23.89	23.70	23.81	23.70	23.70
		120	60	24.55	24.56	24.66	24.49	24.46	24.54	24.59	24.64	24.48	24.70	24.56	24.59
		240	0	23.70	23.76	23.70	23.71	23.70	23.76	23.83	23.90	23.70	23.76	23.73	23.70
		1	0	22.93	22.90	22.70	23.02	22.83	22.73	23.01	22.81	23.00	23.01	23.04	23.00
		1	1	22.70	22.70	22.94	23.20	22.94	22.70	23.15	23.20	22.70	23.20	23.16	23.20
		1	240	22.73	23.20	22.91	22.70	23.20	22.87	23.20	23.20	22.70	22.97	22.70	22.78
		1	241	23.20	22.88	23.20	22.89	23.10	23.20	23.07	22.93	22.70	23.20	22.70	22.97
		120	60	22.79	22.76	22.95	22.80	22.81	22.70	23.04	22.97	22.84	22.98	22.94	22.70
	16QAM	240	0	22.71	22.84	22.89	22.79	22.85	22.90	23.00	23.04	22.93	23.18	22.95	22.95
		1	0	20.71	20.77	21.09	21.20	20.70	21.06	20.96	21.16	20.84	20.84	20.90	20.83
		1	1	21.03	21.20	21.20	21.20	20.92	21.19	21.20	21.20	20.72	21.20	21.20	20.77
		1	240	20.70	21.12	20.85	20.78	21.00	20.71	20.88	20.71	20.70	21.10	20.70	21.20
		1	241	20.70	21.20	20.74	21.01	21.20	20.76	21.20	20.86	20.70	20.84	20.97	20.70
		120	60	20.70	20.95	21.02	20.73	20.70	20.79	21.19	20.87	20.70	21.06	20.88	20.74
		240	0	20.87	21.03	20.97	20.70	20.74	20.84	20.94	20.94	20.77	20.98	20.70	20.83
	64QAM	1	0	22.93	22.90	22.70	23.02	22.83	22.73	23.01	22.81	23.00	23.01	23.04	23.00
		1	1	22.70	22.70	22.94	23.20	22.94	22.70	23.15	23.20	22.70	23.20	23.16	23.20
		1	240	22.73	23.20	22.91	22.70	23.20	22.87	23.20	23.20	22.70	22.97	22.70	22.78
		1	241	23.20	22.88	23.20	22.89	23.10	23.20	23.07	22.93	22.70	23.20	22.70	22.97
		120	60	22.79	22.76	22.95	22.80	22.81	22.70	23.04	22.97	22.84	22.98	22.94	22.70
		240	0	22.71	22.84	22.89	22.79	22.85	22.90	23.00	23.04	22.93	23.18	22.95	22.95
	256QAM	1	0	20.71	20.77	21.09	21.20	20.70	21.06	20.96	21.16	20.84	20.84	20.90	20.83
		1	1	21.03	21.20	21.20	21.20	20.92	21.19	21.20	21.20	20.72	21.20	21.20	20.77
		1	240	20.70	21.12	20.85	20.78	21.00	20.71	20.88	20.71	20.70	21.10	20.70	21.20
		1	241	20.70	21.20	20.74	21.01	21.20	20.76	21.20	20.86	20.70	20.84	20.97	20.70
		120	60	20.70	20.95	21.02	20.73	20.70	20.79	21.19	20.87	20.70	21.06	20.88	20.74
		240	0	20.87	21.03	20.97	20.70	20.74	20.84	20.94	20.94	20.77	20.98	20.70	20.83

9. CONDUCTED TEST RESULTS

9.1. OCCUPIED BANDWIDTH

RULE PART(S)

FCC: §2.1049
ISED: RSS139

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.

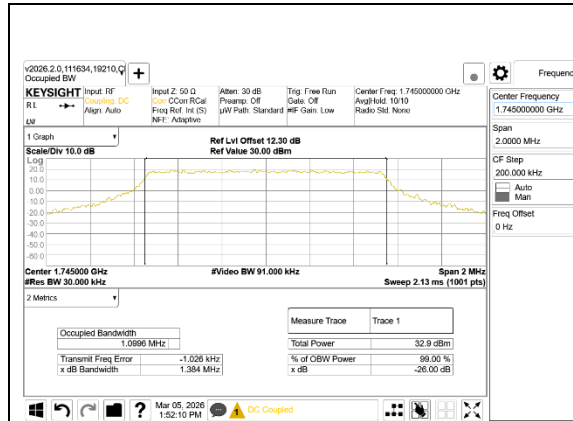
LTE BAND 66

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
LTE BAND 66	1.4MHz, QPSK	6/0	1745.0	1.100	1.38
	1.4MHz, 16QAM			1.103	1.40
	3MHz, QPSK	15/0		2.713	3.07
	3MHz, 16QAM			2.714	3.06
	5MHz, QPSK	25/0		4.530	5.16
	5MHz, 16QAM			4.524	5.11
	10MHz, QPSK	50/0		9.014	10.08
	10MHz, 16QAM			9.011	10.04
	15MHz, QPSK	75/0		13.518	15.04
	15MHz, 16QAM			13.510	14.88
	20MHz, QPSK	100/0		17.957	19.67
	20MHz, 16QAM			17.952	19.71
	20MHz, QPSK	1/0		0.275	0.46

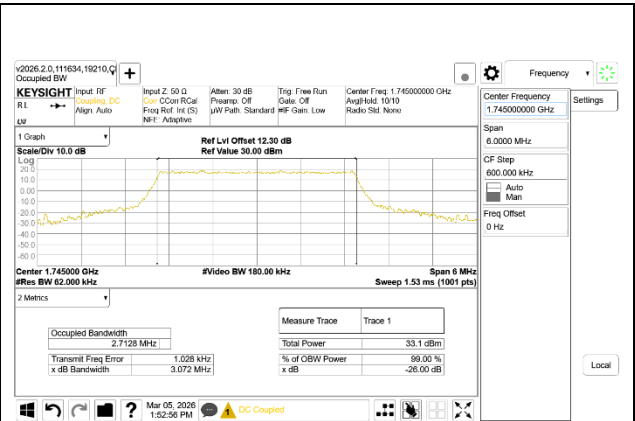
5G NR n66

Band	Mode	RB Allocation/RB Offset	f(MHz)	99% BW (MHz)	-26dB BW (MHz)
5G NR n66	5MHz, BPSK	25/0	1745.0	4.509	5.18
	5MHz, QPSK			4.507	5.21
	5MHz, 16QAM			4.509	5.24
	10MHz, BPSK	50/0		8.989	9.87
	10MHz, QPSK			8.997	9.85
	10MHz, 16QAM			8.989	9.90
	15MHz, BPSK	75/0		13.465	14.55
	15MHz, QPSK			13.493	14.55
	15MHz, 16QAM			13.485	14.55
	20MHz, BPSK	100/0		17.937	19.04
	20MHz, QPSK			17.922	19.23
	20MHz, 16QAM			17.956	19.22
	25MHz, BPSK	128/0		22.968	24.34
	25MHz, QPSK			22.970	24.39
	25MHz, 16QAM			22.967	24.46
	30MHz, BPSK	160/0		28.644	30.34
	30MHz, QPSK			28.718	30.47
	30MHz, 16QAM			28.709	30.28
	35MHz, BPSK	180/0		32.239	34.04
	35MHz, QPSK			32.272	34.07
	35MHz, 16QAM			32.281	34.14
	40MHz, BPSK	216/0		38.682	40.78
	40MHz, QPSK			38.715	40.71
	40MHz, 16QAM			38.737	40.82
	45MHz, BPSK	240/0		42.966	45.26
	45MHz, QPSK			42.998	45.31
	45MHz, 16QAM			42.973	45.32
	45MHz, BPSK	1/0		0.296	0.52

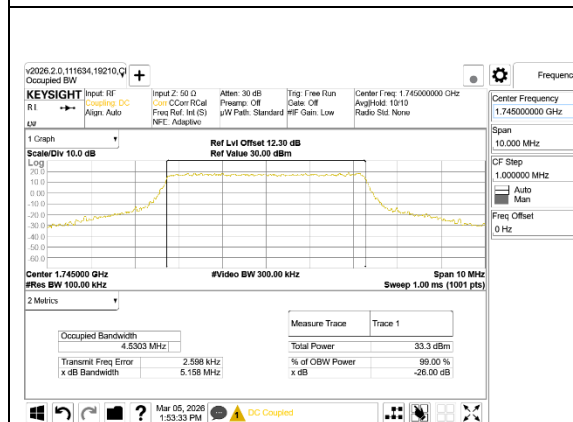
9.1.1. LTE BAND 66



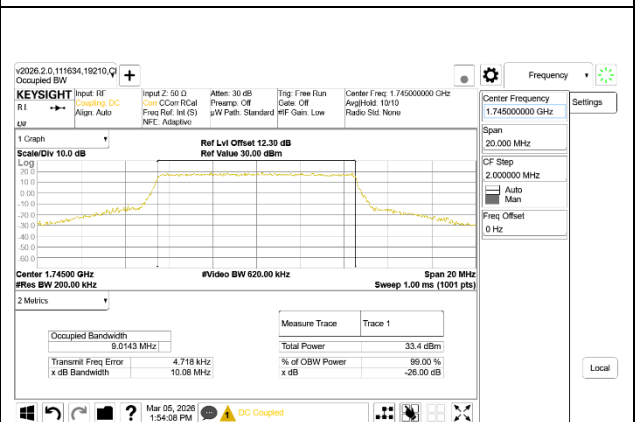
LTE B66 1.4MHz QPSK Middle Channel RB6-0



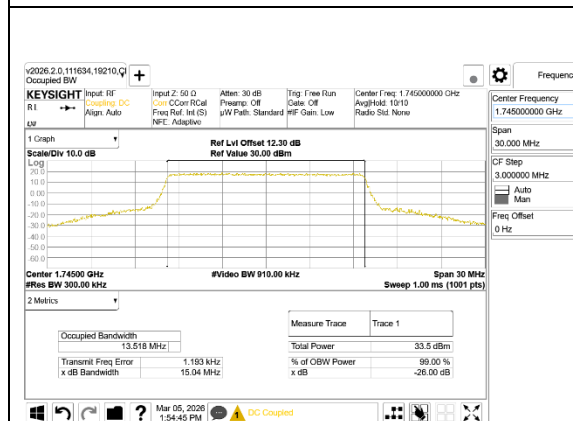
LTE B66 3MHz QPSK Middle Channel RB15-0



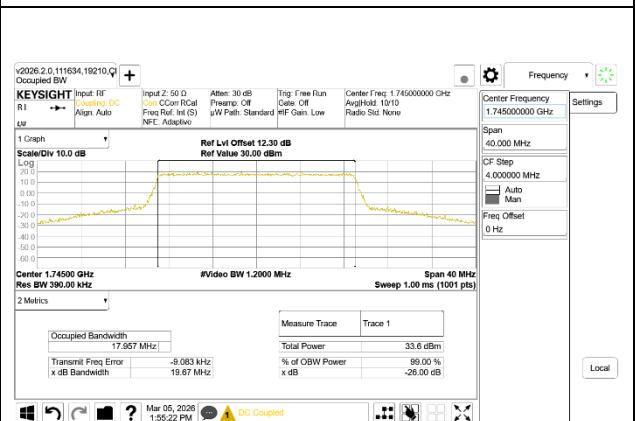
LTE B66 5MHz QPSK Middle Channel RB25-0



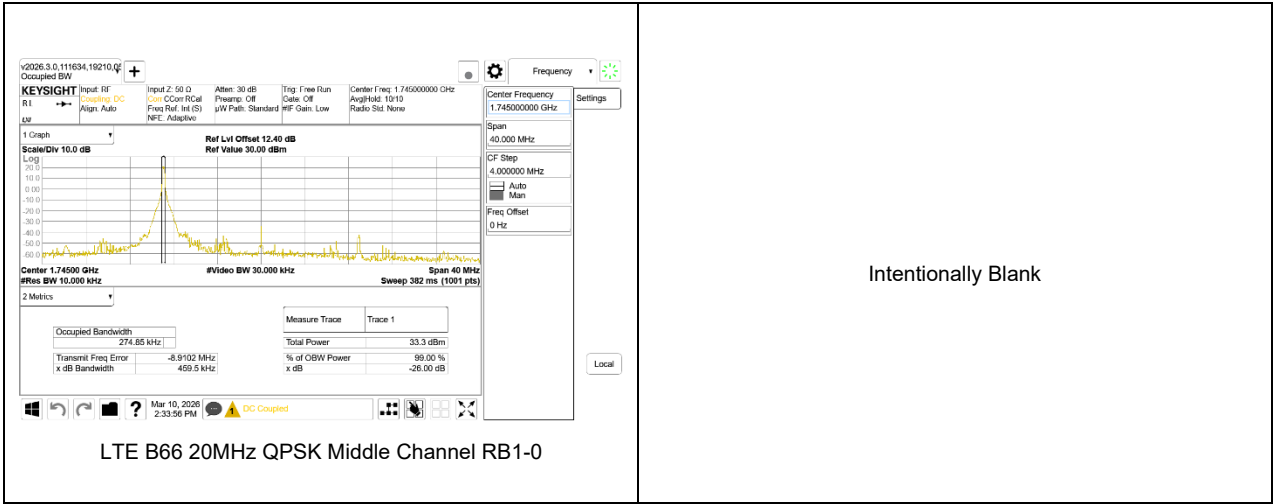
LTE B66 10MHz QPSK Middle Channel RB50-0



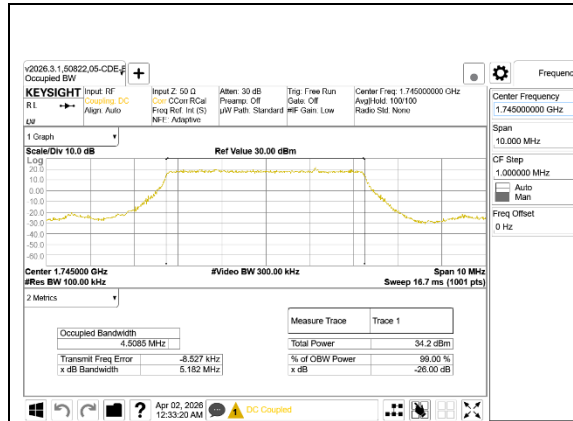
LTE B66 15MHz QPSK Middle Channel RB75-0



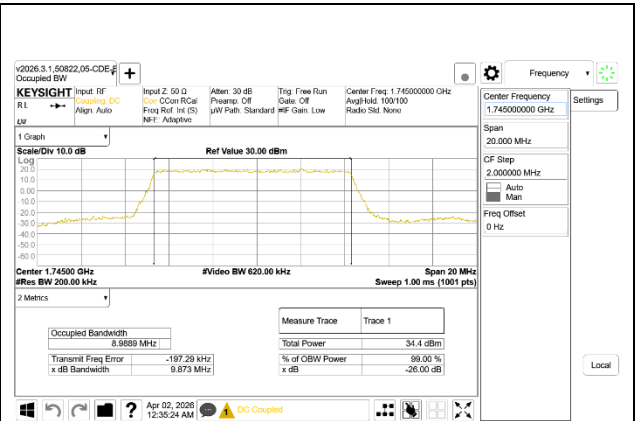
LTE B66 20MHz QPSK Middle Channel RB100-0



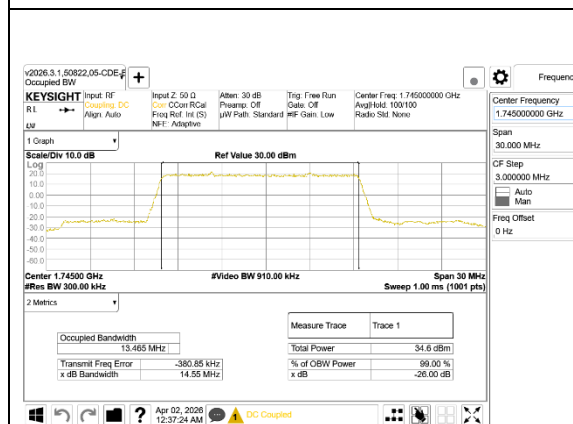
9.1.2. 5G NR n66



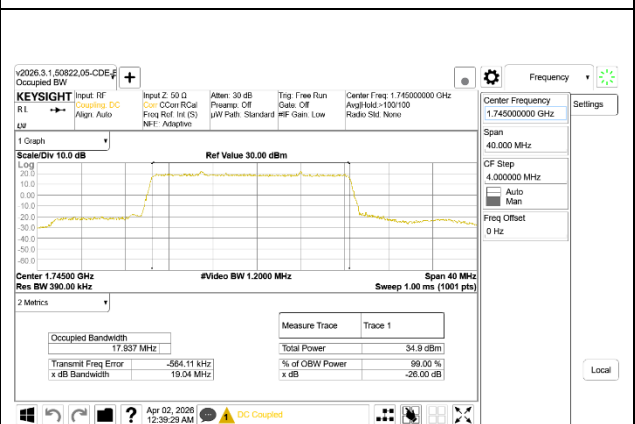
5G NR n66 5MHz BPSK Middle Channel RB25-0



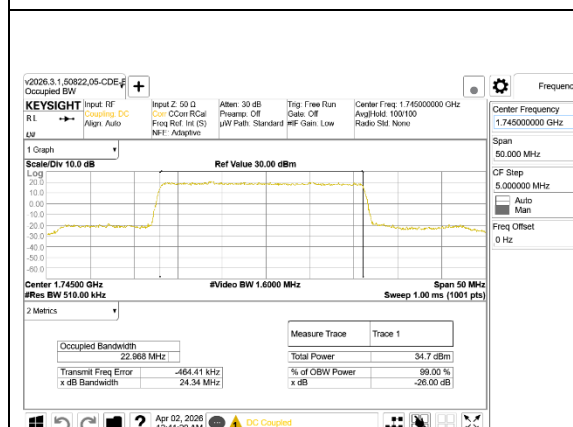
5G NR n66 10MHz BPSK Middle Channel RB50-0



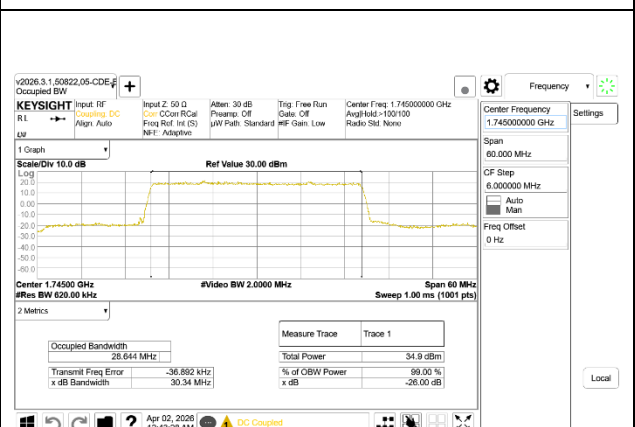
5G NR n66 15MHz BPSK Middle Channel RB75-0



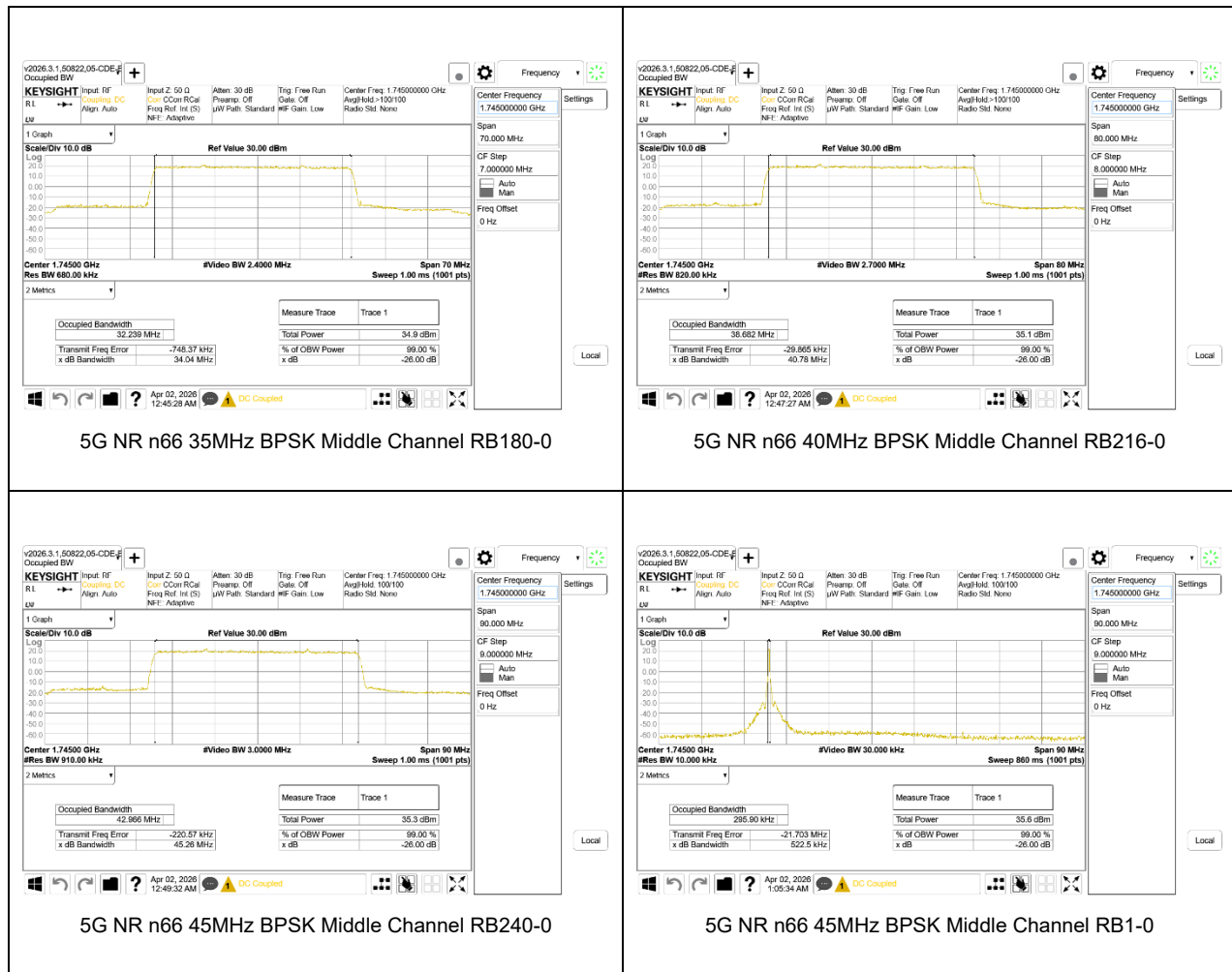
5G NR n66 20MHz BPSK Middle Channel RB100-0



5G NR n66 25MHz BPSK Middle Channel RB128-0



5G NR n66 30MHz BPSK Middle Channel RB160-0



9.2. EMISSION MASK AND ADJACENT CHANNEL POWER

LIMITS

FCC: §27.53(h)

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.

ISED: RSS139§5.6

Unwanted emissions shall be measured in terms of average values.

For all equipment, the TRP or total conducted power (sum of conducted power across all antenna connectors) of the unwanted emissions outside the frequency block or frequency block group shall not exceed the limits shown in table 6.

Table 6: Unwanted emission limits	
Offset from the edge of the frequency block or frequency block group	Unwanted emission limits
≤1 MHz	-13 dBm/(1% of B*)
>1 MHz	-13 dBm/MHz

*B is the frequency block or frequency block group.

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.

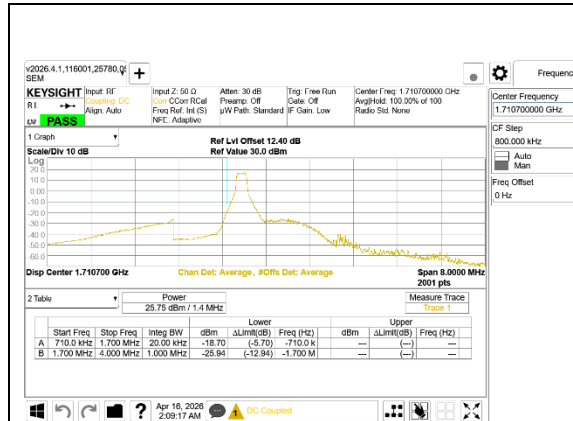
The transmitter output was connected to a base station simulator and configured to operate at maximum power. The band edge emissions were measured at the required operating frequencies in each band on the Spectrum Analyzer.

For each band edge measurement:

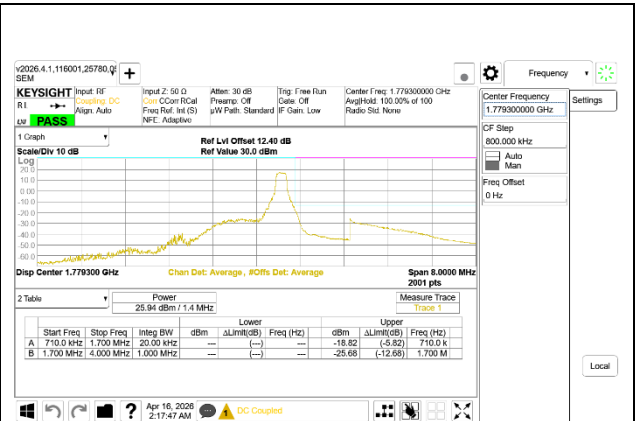
1. Set the spectrum analyzer span to include the block edge frequency.
2. Set a marker to point the corresponding band edge frequency in each test case.
3. Set display line at -13 dBm
4. Set resolution bandwidth to at least 1% of emission bandwidth.

RESULTS

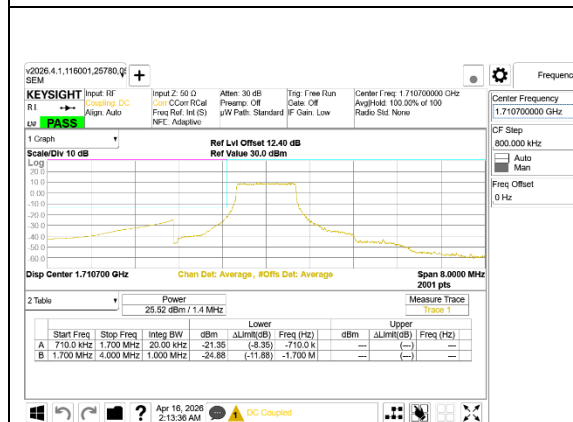
9.2.1. LTE BAND 66



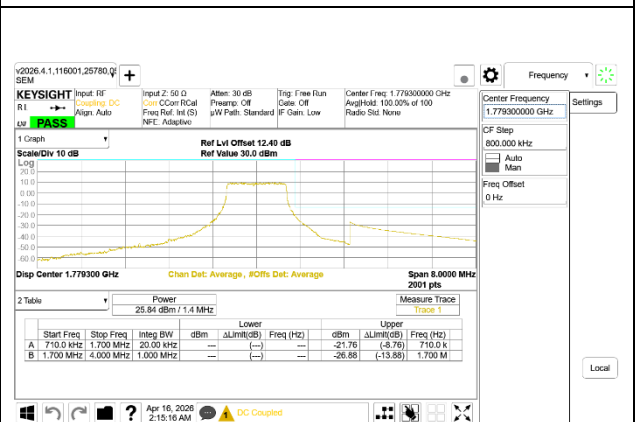
LTE B66 1.4MHz QPSK Low Channel RB1-0



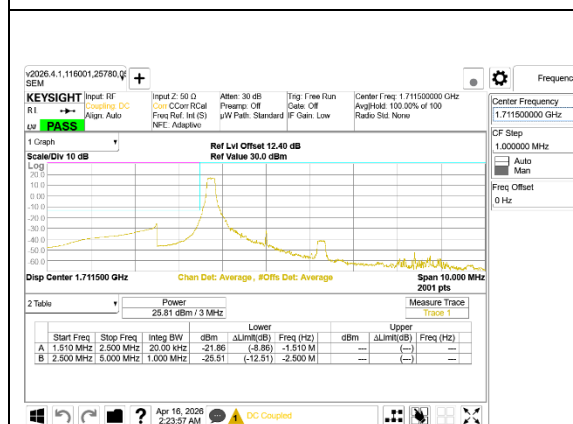
LTE B66 1.4MHz QPSK High Channel RB1-5



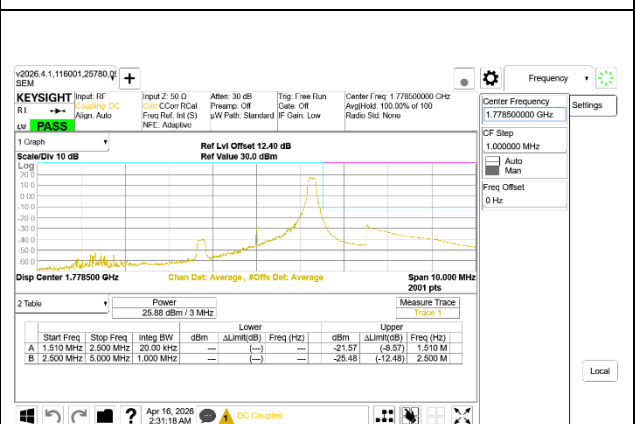
LTE B66 1.4MHz QPSK Low Channel RB6-0



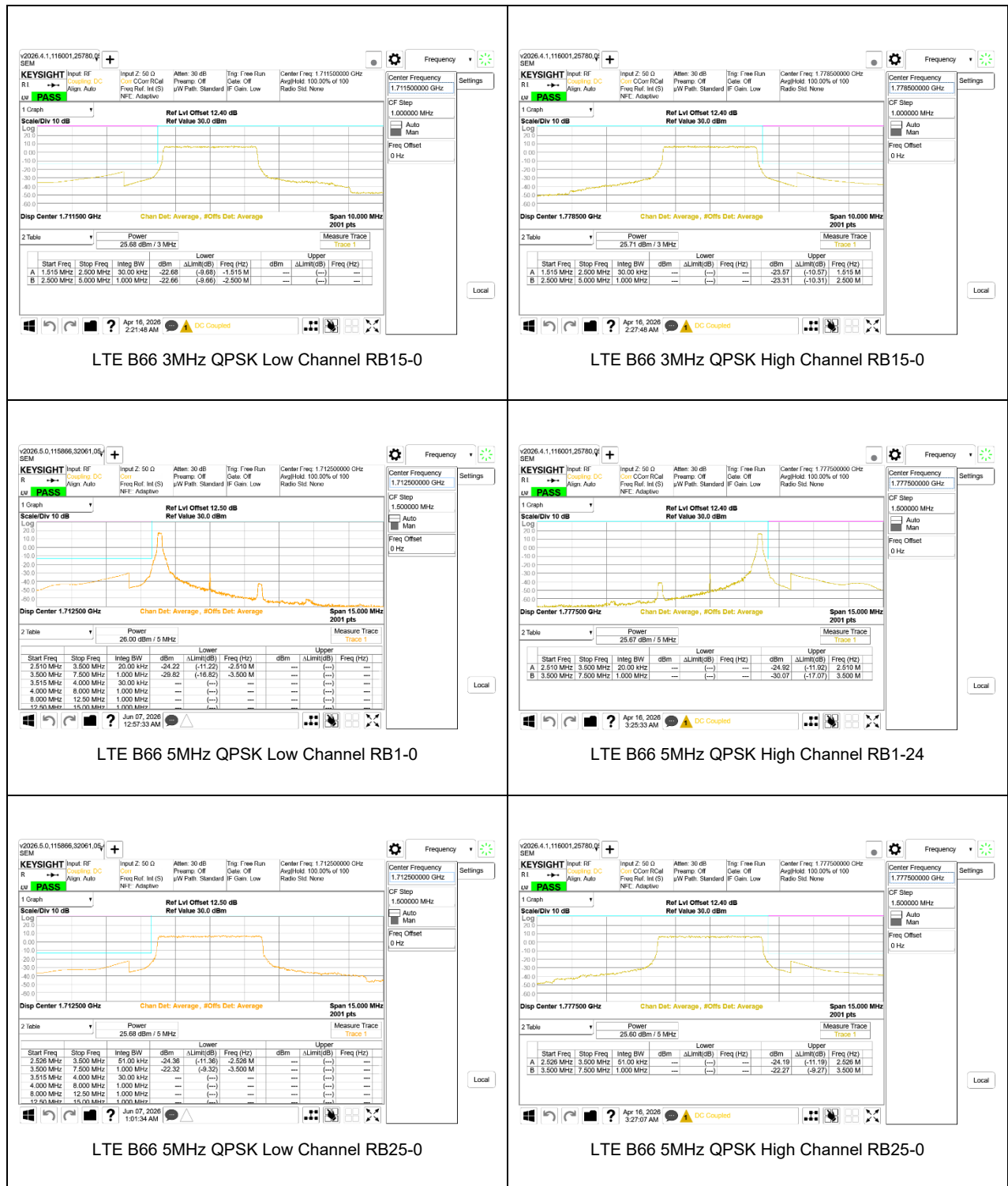
LTE B66 1.4MHz QPSK High Channel RB6-0

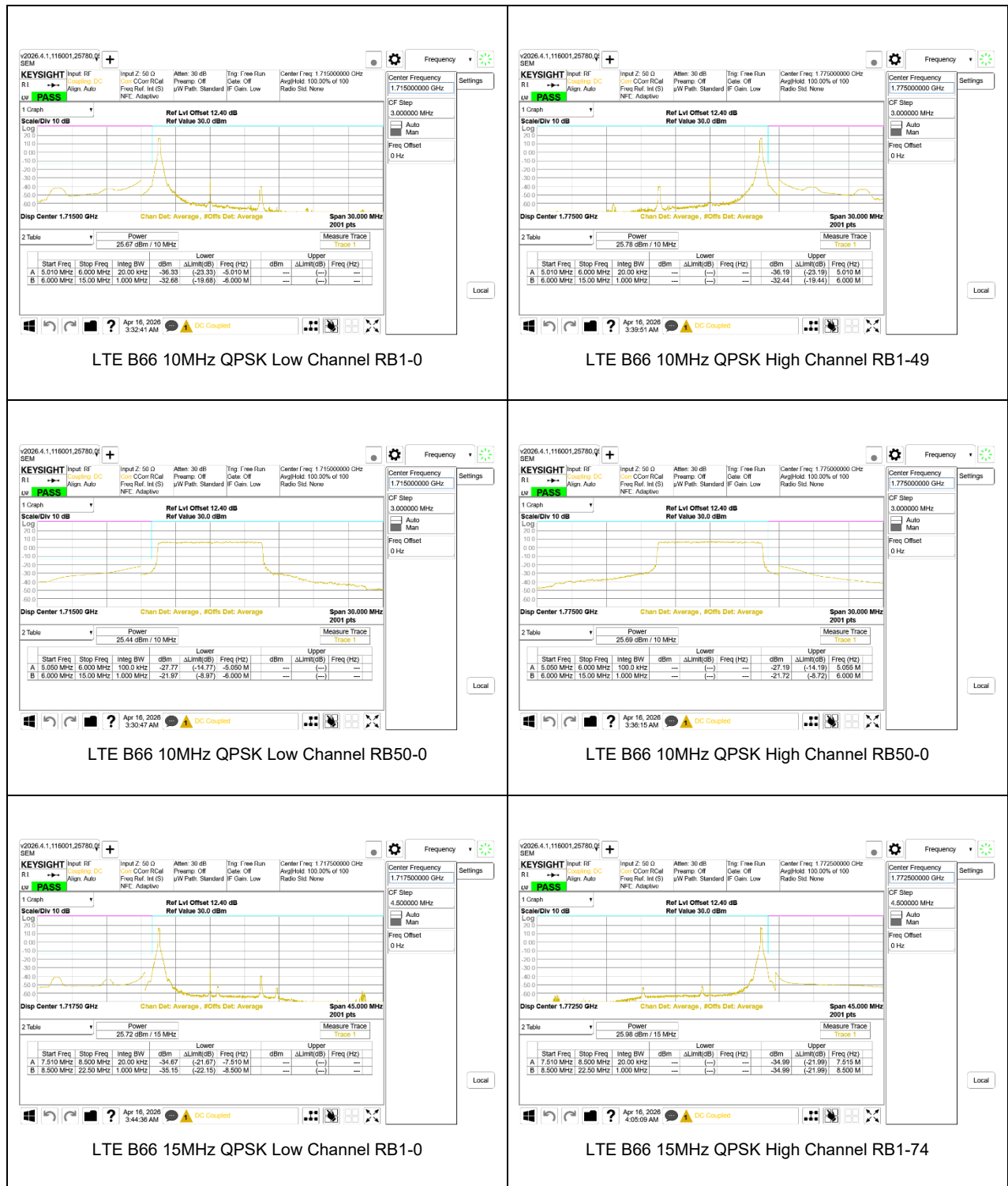


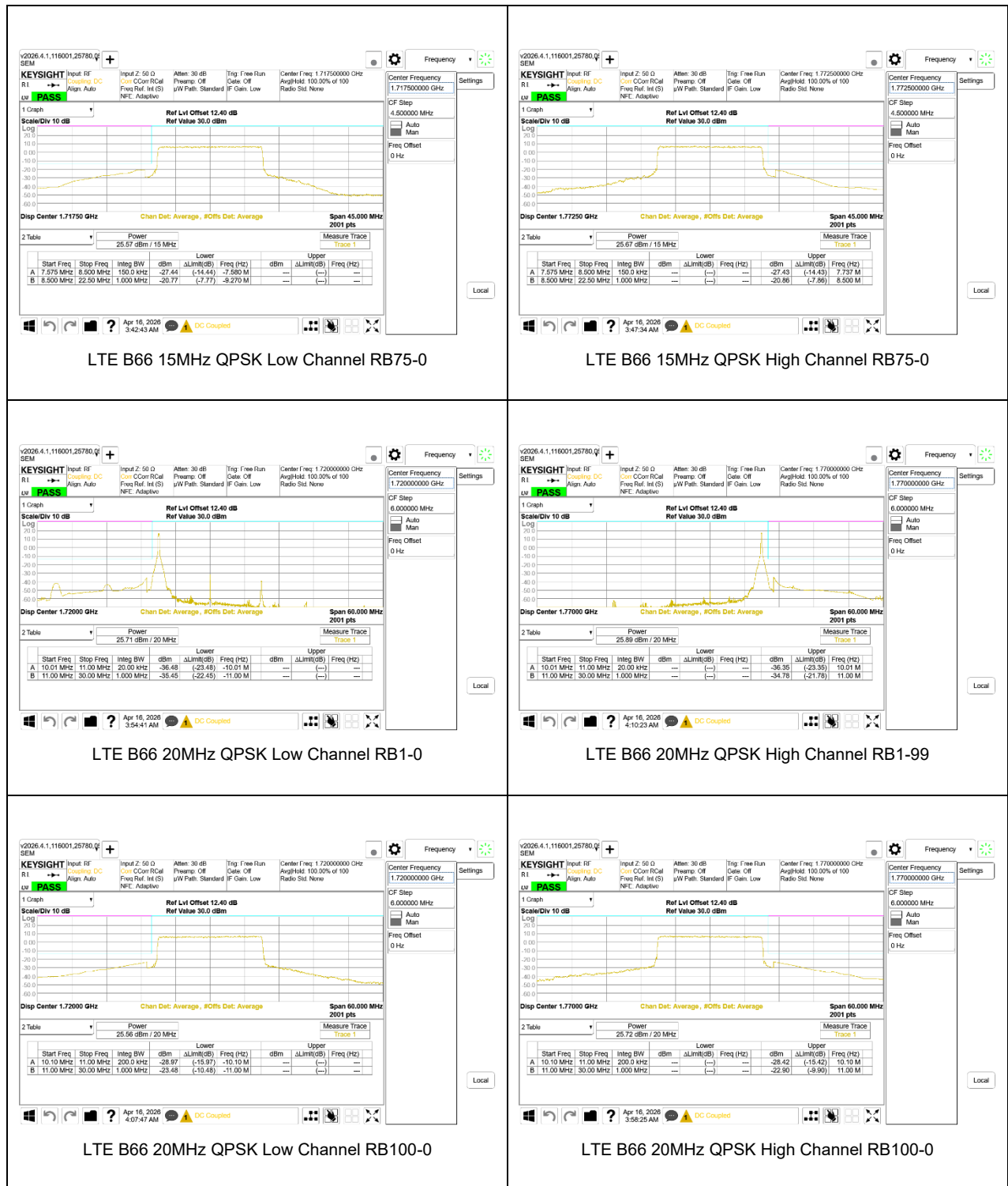
LTE B66 3MHz QPSK Low Channel RB1-0



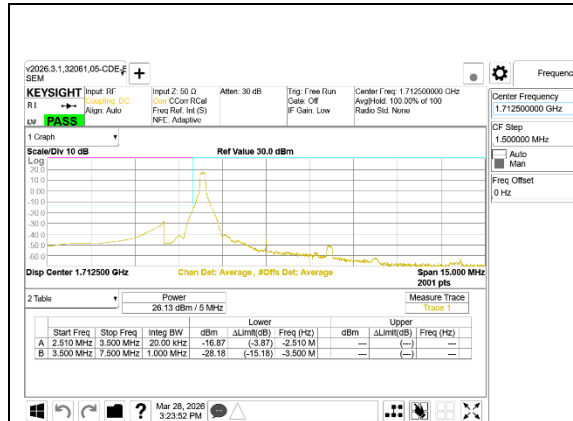
LTE B66 3MHz QPSK Low Channel RB1-14



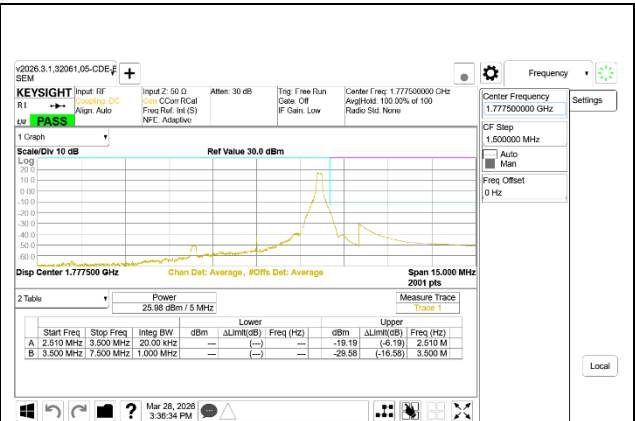




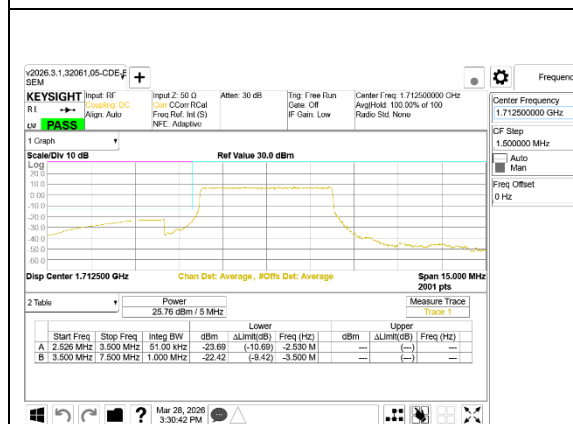
9.2.2. 5G NR n66



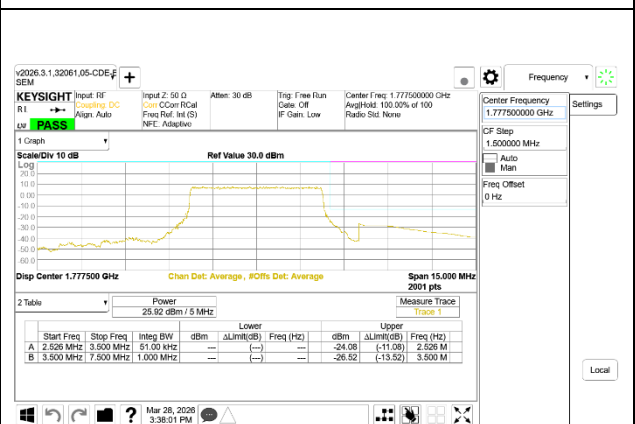
5G NR n66 5MHz BPSK Low Channel RB1-0



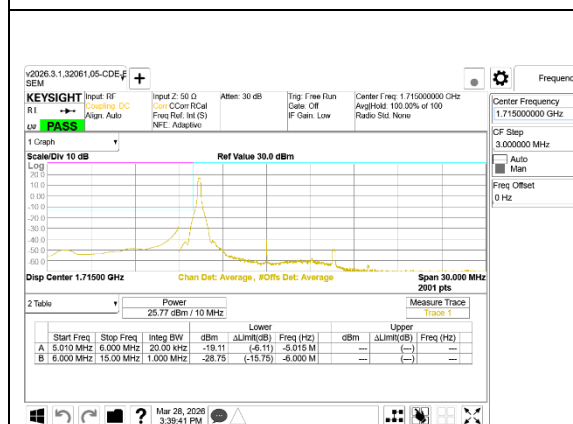
5G NR n66 5MHz BPSK High Channel RB1-24



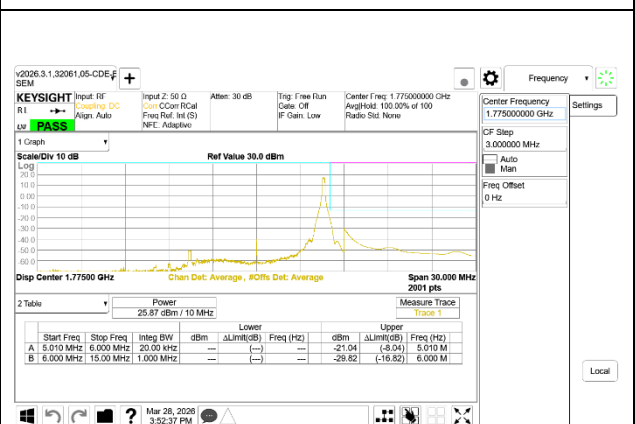
5G NR n66 5MHz BPSK Low Channel RB25-0



5G NR n66 5MHz BPSK High Channel RB25-0



5G NR n66 10MHz BPSK Low Channel RB1-0



5G NR n66 10MHz BPSK High Channel RB1-51











9.3. OUT OF BAND EMISSIONS

LIMITS

FCC: §27.53 (h)

The minimum permissible attenuation level of any spurious emissions is $43 + 10 \log (P)$ dB where transmitting power (P) in Watts.

ISED: RSS139§5.6

The minimum permissible attenuation level of any spurious emissions is $43 + 10 \log (P)$ dB where transmitting power (P) in Watts.

TEST PROCEDURE

The RF output of the transmitter was connected to a spectrum analyzer through a calibrated coaxial cable. Sufficient scans were taken to show the out-of-band Emissions, if any, up to 10th harmonic. Multiple sweeps were recorded in maximum hold mode using a peak detector to ensure that the worst-case emissions were caught.

For each out of band emissions measurement:

- Set display line at -13 dBm
- Set RBW & VBW to 100 kHz for the measurement below 1 GHz, and 1 MHz for the measurement above 1 GHz.
(NOTE: Worst case set RBW/VBW to 1MHz/3MHz)

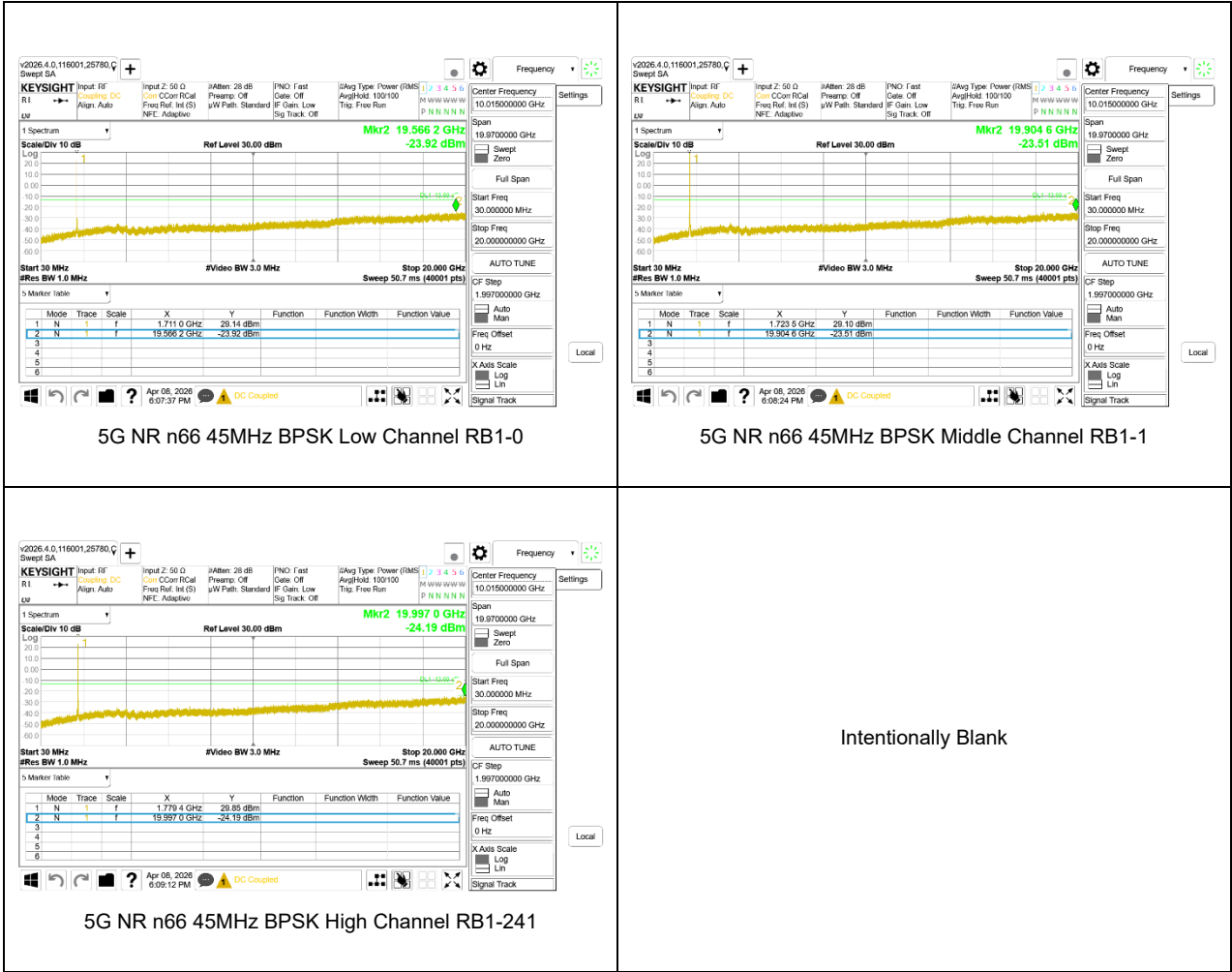
RESULTS

QPSK with 1RB is the highest power to all bandwidth. 1RB has the same frequency and power to all bandwidth. Therefore, QPSK with 1RB and wider bandwidths results are reported as worst case for LTE bands.

BPSK with 1RB is the highest power to all bandwidth. 1RB has the same frequency and power to all bandwidth. Therefore, BPSK with 1RB and wider bandwidths results are reported as worst case for 5G NRs.

Intentionally Blank

9.3.2. 5G NR n66



9.4. FREQUENCY STABILITY

LIMITS

FCC: §27.54

The frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block.

ISED: RSS139§5.4

The frequency stability shall be sufficient to ensure that the occupied bandwidth stays within the operating frequency block or frequency block group when tested to the temperature and supply voltage variations specified in RSS-Gen.

TEST PROCEDURE

Use base station simulator with Frequency Error measurement capability.

- Temp. = -30°C to +50°C
- Voltage = (85% - 115%)
Low voltage, 3.23VDC, Normal, 3.8VDC and High voltage, 4.37VDC.
End Voltage, 2.85VDC.

Frequency Stability vs Temperature:

The EUT is placed inside a temperature chamber. The temperature is set to 20°C and allowed to stabilize. After sufficient soak time, the transmitting frequency error is measured. The temperature is increased by 10 degrees, allowed to stabilize and soak, and then the measurement is repeated. This is repeated until +50°C is reached.

Frequency Stability vs Voltage:

The peak frequency error is recorded (worst-case).

RESULTS

See the following pages.

9.4.1. LTE BAND 66 (QPSK 20MHz BANDWIDTH)

Test Engineer ID:	28774	Test Date:	2026-04-10
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Band	66	Frequency Range		Frequency Error Reading (Hz)	Limit	
Condition		1710	1780			
		Freq Reading @ Low End (MHz)	Freq Reading @ High End (MHz)		Frequency Stability (ppm)	Within Authorized Frequency Block (Hz)
Temperature	Voltage					
Normal (20°C)	Normal	1711.0530	1778.9406			
Extreme (50°C)		1711.0530	1778.9406	4.7	0.003	Yes
Extreme (40°C)		1711.0530	1778.9406	-5.1	-0.003	Yes
Extreme (30°C)		1711.0530	1778.9406	-4.3	-0.002	Yes
Extreme (10°C)		1711.0530	1778.9406	-5.2	-0.003	Yes
Extreme (0°C)		1711.0530	1778.9406	4.8	0.003	Yes
Extreme (-10°C)		1711.0530	1778.9406	5.0	0.003	Yes
Extreme (-20°C)		1711.0530	1778.9406	4.7	0.003	Yes
Extreme (-30°C)		1711.0530	1778.9406	-3.6	-0.002	Yes
20°C	15%	1711.0530	1778.9406	3.9	0.002	Yes
	-15%	1711.0530	1778.9406	-3.8	-0.002	Yes
	End Point Voltage	1711.0530	1778.9406	-4.9	-0.003	Yes

9.4.2. 5G NR n66 (BPSK 45MHz BANDWIDTH)

Test Engineer ID:	28774	Test Date:	2026-04-15
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Band	66	Frequency Range		Frequency Error Reading (Hz)	Limit	
Condition		1710	1780			
		Freq Reading @ Low End (MHz)	Freq Reading @ High End (MHz)		Frequency Stability (ppm)	Within Authorized Frequency Block (Hz)
Temperature	Voltage					
Normal (20°C)	Normal	1710.8667	1778.7498			
Extreme (50°C)		1710.8667	1778.7499	47.5	0.027	Yes
Extreme (40°C)		1710.8667	1778.7498	-7.0	-0.004	Yes
Extreme (30°C)		1710.8667	1778.7498	-7.7	-0.004	Yes
Extreme (10°C)		1710.8667	1778.7498	-5.2	-0.003	Yes
Extreme (0°C)		1710.8667	1778.7498	-7.2	-0.004	Yes
Extreme (-10°C)		1710.8667	1778.7498	-7.2	-0.004	Yes
Extreme (-20°C)		1710.8667	1778.7498	-8.2	-0.005	Yes
Extreme (-30°C)		1710.8667	1778.7498	-6.9	-0.004	Yes
20°C	15%	1710.8667	1778.7498	-4.5	-0.003	Yes
	-15%	1710.8667	1778.7498	-5.4	-0.003	Yes
	End Point Voltage	1710.8667	1778.7498	-6.1	-0.004	Yes

9.5. PEAK-TO-AVERAGE POWER RATIO

LIMIT

FCC: §27.50 (d) (5)

In measuring transmissions in this band using an average power technique, the peak-to-average ratio (PAR) of the transmission may not exceed 13 dB.

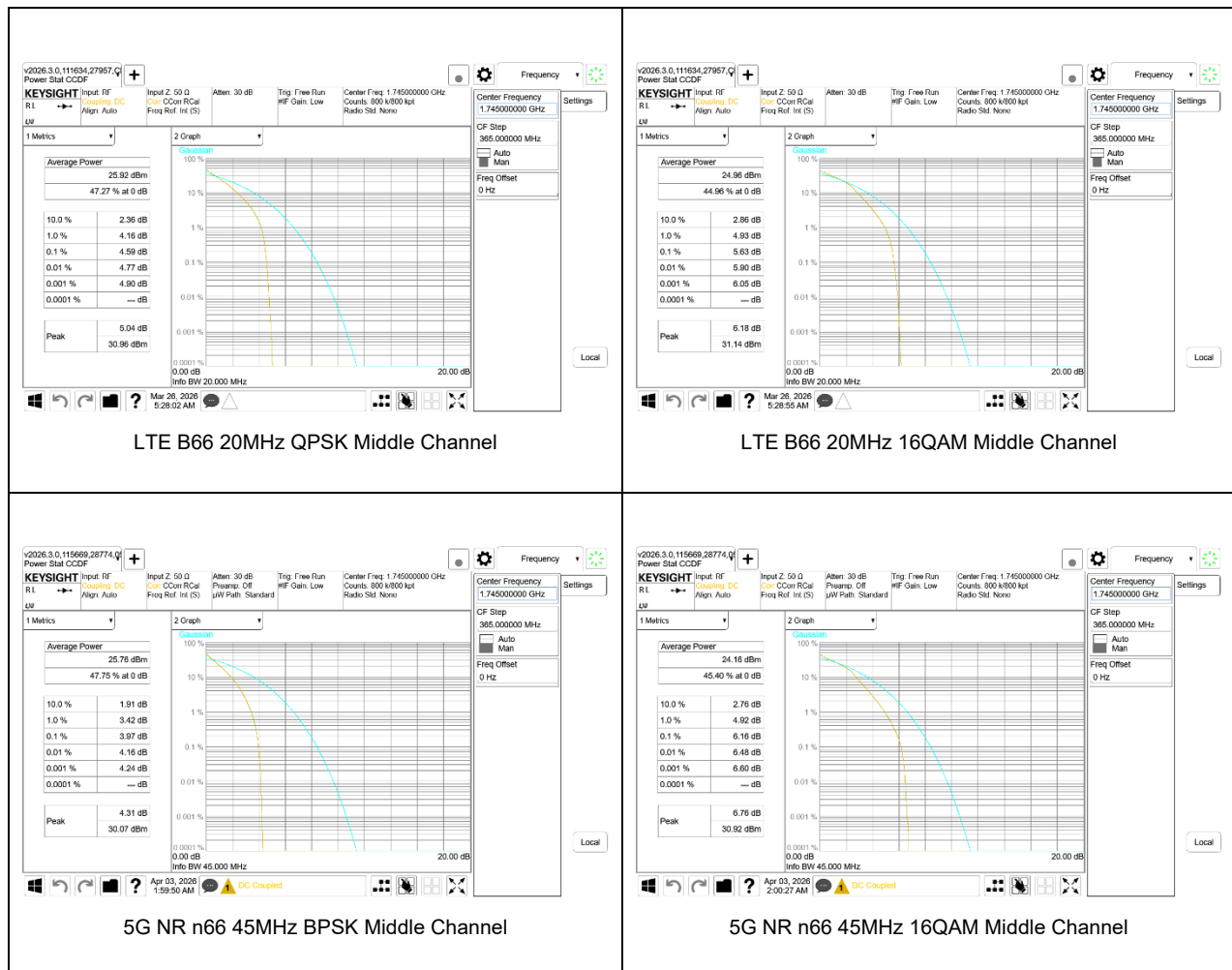
ISED: RSS139§5.5

In addition, the peak to average power ratio (PAPR) of the equipment shall not exceed 13 dB for more than 0.1% of the time, using a signal that corresponds to the highest PAPR during periods of continuous transmission.

RESULT

Antenna 14 was used to measure as the worst case; full resource block (FRB) for each bandwidth was used to measure as the worst case. The results from all CCDF measurements are passed with 13dB peak-to-average power ratio criteria.

Example Plots: FULL RB



9.5.1. LTE BAND 66

Test Engineer ID:	111634	Test Date:	2026-03-25
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Band	Bandwidth (MHz)	Frequency (MHz)	RB Allocation	RB OffSet	Modulation	Conducted Power (dBm)		Peak-to-Average Power Ratio (dB)
						Peak	Average	
LTE Band 66	1.4MHz	1745.0	6	0	QPSK	30.57	25.84	4.73
					16QAM	30.87	24.90	5.97
	3MHz		15	0	QPSK	30.88	25.93	4.95
					16QAM	30.84	24.95	5.89
	5MHz		25	0	QPSK	30.84	25.91	4.93
					16QAM	30.91	24.92	5.99
	10MHz		50	0	QPSK	30.99	25.92	5.07
					16QAM	31.15	24.95	6.20
	15MHz		75	0	QPSK	30.71	25.85	4.86
					16QAM	31.05	24.94	6.11
20MHz	100	0	QPSK	30.96	25.92	5.04		
			16QAM	31.14	24.96	6.18		
Duty Cycle Correction Factor (dB) =			0.00					
Peak-to-Average Power Ratio= Peak Reading - Average Reading - Duty Cycle Correction Factor								

9.5.2. 5G NR n66

Test Engineer ID:	115669	Test Date:	2026-04-03
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Band	Bandwidth (MHz)	Frequency (MHz)	RB Allocation	RB OffSet	Modulation	Conducted Power (dBm)		Peak-to-Average Power Ratio (dB)
						Peak	Average	
5G NR n66	5MHz	1745.0	25	0	BPSK	30.22	25.88	4.34
					16QAM	31.07	24.40	6.67
	10MHz		50	0	BPSK	30.13	25.91	4.22
					16QAM	31.02	24.31	6.71
	15MHz		75	0	BPSK	30.15	25.89	4.26
					16QAM	31.01	24.31	6.70
	20MHz		100	0	BPSK	30.28	26.02	4.26
					16QAM	31.08	24.29	6.79
	25MHz		128	0	BPSK	30.15	25.73	4.42
					16QAM	31.16	24.08	7.08
	30MHz		160	0	BPSK	30.03	25.71	4.32
					16QAM	30.84	24.15	6.69
	35MHz		180	0	BPSK	29.99	25.72	4.27
					16QAM	30.83	24.13	6.70
	40MHz		216	0	BPSK	30.08	25.68	4.40
					16QAM	30.79	24.15	6.64
	45MHz		240	0	BPSK	30.07	25.76	4.31
					16QAM	30.92	24.16	6.76
Duty Cycle Correction Factor (dB) =			0.00					
Peak-to-Average Power Ratio= Peak Reading - Average Reading - Duty Cycle Correction Factor								

10. RADIATED TEST RESULTS

LIMITS

FCC: §27.53 (h)

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.

ISED: RSS139§5.6

Unwanted emissions shall be measured in terms of average values.

For all equipment, the TRP or total conducted power (sum of conducted power across all antenna connectors) of the unwanted emissions outside the frequency block or frequency block group shall not exceed the limits shown in table 4.

Table 6: Unwanted emission limits	
Offset from the edge of the frequency block or frequency block group	Unwanted emission limits
≤1 MHz	-13 dBm/(1% of B*)
>1 MHz	-13 dBm/MHz

*B is the frequency block or frequency block group.

Radiated measurement using the Field Strength Method

Using the test configuration shown in Figure 6 below, the radiated emissions is measured directly from the EUT and convert the measured field strength or received power to ERP or EIRP, as required, for comparison to the applicable limits. As stated in 5.5.1 of ANSI C63.26-2015, the field strength measurement method using a test site validated to the requirements of ANSI C63.4 is an alternative to the substitution measurement.

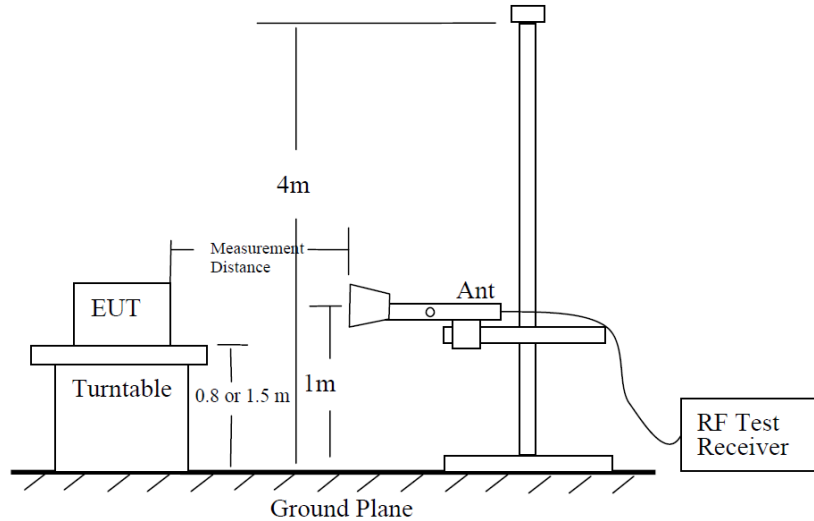


Figure 6 —Test site-up for radiated ERP and/or EIRP measurements

Radiated Power Measurement Calculation According to ANSI C63.26-2015

- a) $E \text{ (dB}\mu\text{V/m)} = \text{Measured amplitude level (dB}\mu\text{V)} + \text{Cable Loss (dB)} + \text{Antenna Factor (dB/m)}.$
- b) $E \text{ (dB}\mu\text{V/m)} = \text{Measured amplitude level (dBm)} + 107 + \text{Cable Loss (dB)} + \text{Antenna Factor (dB/m)}.$
- c) $E \text{ (dB}\mu\text{V/m)} = \text{EIRP (dBm)} - 20\log(D) + 104.8$; where D is the measurement distance (in the far field region) in m.
- d) $\text{EIRP (dBm)} = E \text{ (dB}\mu\text{V/m)} + 20\log(D) - 104.8$; where D is the measurement distance (in the far field region) in m.

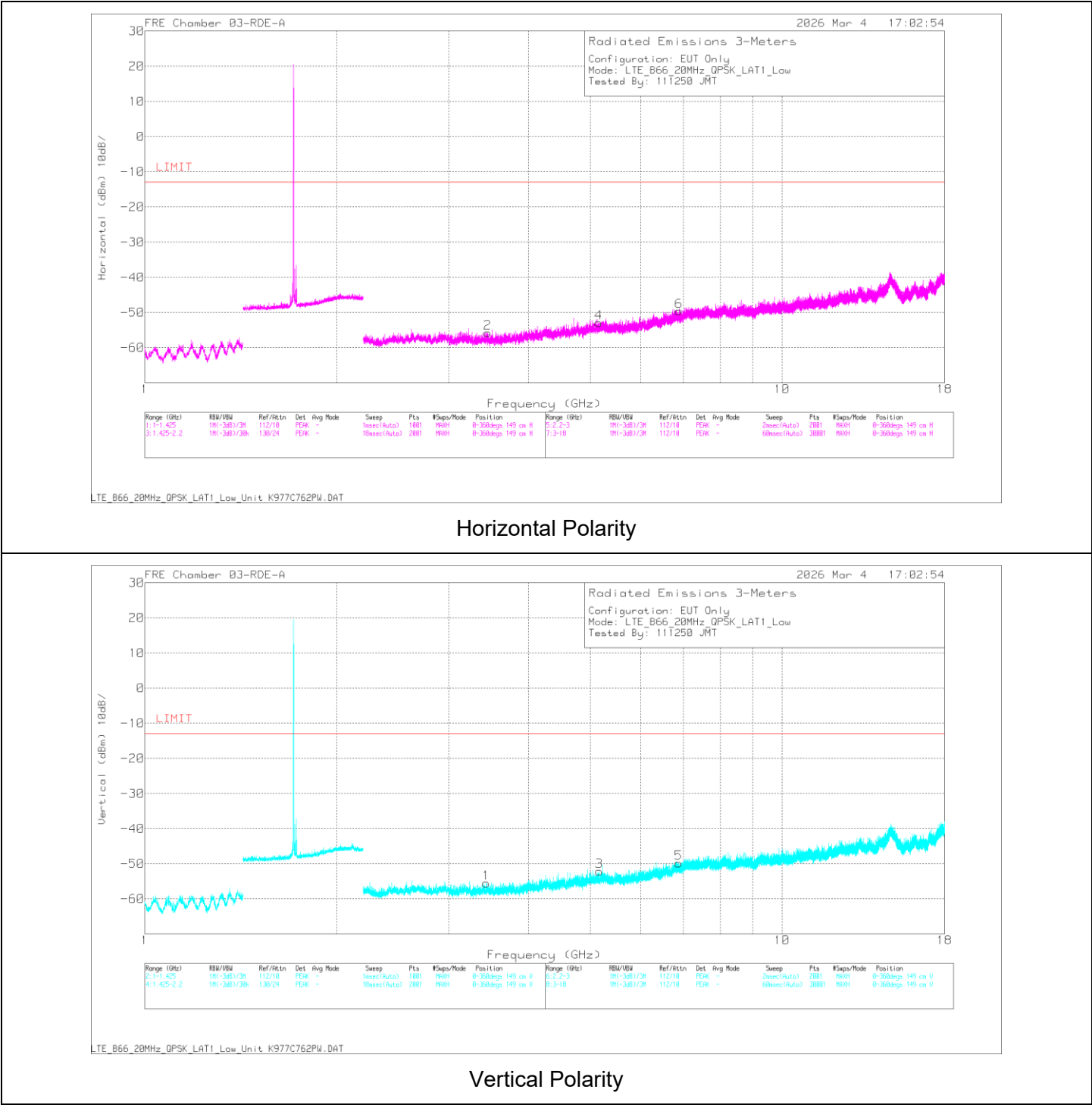
So, from d)

The measuring distance is usually at 3m, then $20 \cdot \log(3) = 9.5424$

Then, $\text{EIRP (dBm)} = E \text{ (dB}\mu\text{V/m)} + 9.5424 - 104.8 = E \text{ (dB}\mu\text{V/m)} - 95.2576$

Note: Confidence check of each chamber is performed daily to see if any degradation from expected/normal reading reference data. Ambient check of each chamber is performed monthly.

Example Plot



Trace Markers

Frequency (GHz)	Meter Reading (dBuV)	Det	80402 ACF (dB)	EIRP CF	Gain/Loss (dB)	Corrected Reading (dBm)	LIMIT (dBm)	Margin (dB)	Polarity
3.43600	55.96	Pk	30.7	-95.2	-47.00	-55.54	-13	-42.54	V
3.45450	55.67	Pk	30.7	-95.2	-46.95	-55.78	-13	-42.78	H
5.16300	56.55	Pk	34.4	-95.2	-47.90	-52.15	-13	-39.15	V
5.16050	55.66	Pk	34.4	-95.2	-47.80	-52.94	-13	-39.94	H
6.87850	54.24	Pk	37.0	-95.2	-45.90	-49.86	-13	-36.86	V
6.89000	54.48	Pk	37.0	-95.2	-45.90	-49.62	-13	-36.62	H

10.1. FIELD STRENGTH OF SPURIOUS RADIATION, ABOVE 1GHz

TEST PROCEDURE

KDB 971168 D01 /D02

All tests above 1GHz were done with a Resolution Bandwidth of 1MHz, and a Video Bandwidth of 3MHz

RESULTS

10.1.1. LTE BAND 66

Configuration:	EUT Only
Mode	LTE B66 20MHz QPSK

Date	Test Engineer	Chamber #	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBuV)	Det	ACF (dB/m)	EIRP CF	Gain/ Loss (dB)	Correct Reading (dBm)	Limit (dBm)	Margin (dB)	Polarity
3/4/2026	111250	03-RDE-A	Low Ch 1720	14	3.43600	55.96	Pk	30.7	-95.2	-47.00	-55.54	-13	-42.54	V
					3.45450	55.67	Pk	30.7	-95.2	-46.95	-55.78	-13	-42.78	H
					5.16300	56.55	Pk	34.4	-95.2	-47.90	-52.15	-13	-39.15	V
					5.16050	55.66	Pk	34.4	-95.2	-47.80	-52.94	-13	-39.94	H
					6.87850	54.24	Pk	37.0	-95.2	-45.90	-49.86	-13	-36.86	V
					6.89000	54.48	Pk	37.0	-95.2	-45.90	-49.62	-13	-36.62	H
			3.49300		55.01	Pk	30.8	-95.2	-47.00	-56.39	-13	-43.39	V	
			3.49000		55.25	Pk	30.7	-95.2	-47.00	-56.25	-13	-43.25	H	
			5.23650		55.83	Pk	34.5	-95.2	-47.95	-52.82	-13	-39.82	V	
			5.22350		56.56	Pk	34.5	-95.2	-48.00	-52.14	-13	-39.14	H	
			6.99300		54.33	Pk	37.4	-95.2	-46.20	-49.67	-13	-36.67	V	
			6.97800		54.62	Pk	37.4	-95.2	-46.40	-49.58	-13	-36.58	H	
			3.55200		55.76	Pk	30.8	-95.2	-47.20	-55.84	-13	-42.84	V	
			3.55300		55.36	Pk	30.8	-95.2	-47.20	-56.24	-13	-43.24	H	
			5.29850		55.99	Pk	34.4	-95.2	-47.90	-52.71	-13	-39.71	V	
			5.30000		55.81	Pk	34.4	-95.2	-47.90	-52.89	-13	-39.89	H	
			7.07500		53.75	Pk	37.8	-95.2	-45.80	-49.45	-13	-36.45	V	
			7.08800		54.77	Pk	37.8	-95.2	-45.90	-48.53	-13	-35.53	H	
3/2/2026	111250	03-RDE-A	Low Ch 1720	1	3.44250	55.66	Pk	30.7	-95.2	-47.00	-55.84	-13	-42.84	V
					3.45550	55.89	Pk	30.7	-95.2	-47.00	-55.61	-13	-42.61	H
					5.15900	55.84	Pk	34.4	-95.2	-47.90	-52.86	-13	-39.86	V
					5.17550	56.40	Pk	34.5	-95.2	-48.00	-52.30	-13	-39.30	H
					6.84650	54.77	Pk	36.9	-95.2	-45.50	-49.03	-13	-36.03	V
					6.87600	55.34	Pk	37.0	-95.2	-45.90	-48.76	-13	-35.76	H
			3.51750		56.50	Pk	30.8	-95.2	-47.05	-54.95	-13	-41.95	H	
			3.50000		55.78	Pk	30.8	-95.2	-47.00	-55.62	-13	-42.62	V	
			5.23650		55.93	Pk	34.5	-95.2	-47.95	-52.72	-13	-39.72	V	
			5.24500		56.57	Pk	34.5	-95.2	-48.10	-52.23	-13	-39.23	H	
			6.97250		54.81	Pk	37.3	-95.2	-46.40	-49.49	-13	-36.49	H	
			6.97300		54.29	Pk	37.3	-95.2	-46.40	-50.01	-13	-37.01	V	
			3.56200		55.66	Pk	30.8	-95.2	-47.10	-55.84	-13	-42.84	H	
			3.56150		55.24	Pk	30.8	-95.2	-47.10	-56.26	-13	-43.26	V	
			5.30900		55.50	Pk	34.4	-95.2	-47.80	-53.10	-13	-40.10	V	
			5.31100		56.13	Pk	34.4	-95.2	-47.90	-52.57	-13	-39.57	H	
			7.06700		55.00	Pk	37.8	-95.2	-45.60	-48.00	-13	-35.00	H	
			7.06900		54.83	Pk	37.8	-95.2	-45.70	-48.27	-13	-35.27	V	

Date	Test Engineer	Chamber #	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBuV)	Det	ACF (dB/m)	EIRP CF	Gain/ Loss (dB)	Correct Reading (dBm)	Limit (dBm)	Margin (dB)	Polarity
3/3/2026	19118	03-RDE-B	Low Ch 1720	3	3.423000	56.40	Pk	32.8	-95.2	-47.59	-53.59	-13	-40.59	H
					3.422500	56.24	Pk	32.8	-95.2	-47.59	-53.75	-13	-40.75	V
					5.136500	57.85	Pk	34.1	-95.2	-49.24	-52.49	-13	-39.49	H
					5.131500	57.45	Pk	34.1	-95.2	-49.24	-52.89	-13	-39.89	V
					6.862500	55.82	Pk	35.6	-95.2	-46.93	-50.71	-13	-37.71	H
					6.872000	55.96	Pk	35.6	-95.2	-46.85	-50.49	-13	-37.49	V
			Mid Ch 1745		3.47000	53.76	Pk	32.6	-95.2	-46.20	-55.04	-13	-42.04	H
					3.47000	51.57	Pk	32.6	-95.2	-46.20	-57.23	-13	-44.23	V
					5.20500	55.32	Pk	34.5	-95.2	-46.37	-51.75	-13	-38.75	H
					5.20500	51.33	Pk	34.5	-95.2	-46.37	-55.74	-13	-42.74	V
					6.94000	51.40	Pk	35.6	-95.2	-45.14	-53.34	-13	-40.34	H
					6.94000	50.77	Pk	35.6	-95.2	-45.14	-53.97	-13	-40.97	V
			High Ch 1770		3.52250	55.03	Pk	32.8	-95.2	-46.87	-54.24	-13	-41.24	H
					3.53150	54.92	Pk	32.8	-95.2	-46.87	-54.35	-13	-41.35	V
					5.31450	56.39	Pk	34.2	-95.2	-48.74	-53.35	-13	-40.35	H
					5.33400	56.76	Pk	34.2	-95.2	-48.68	-52.92	-13	-39.92	V
					7.06500	55.45	Pk	35.7	-95.2	-47.30	-51.35	-13	-38.35	H
					7.04800	55.70	Pk	35.6	-95.2	-47.13	-51.03	-13	-38.03	V
3/4/2026	32990	04-RDE-Q	Low Ch 1720	4	3.42000	52.82	Pk	32.7	-95.2	-46.48	-56.16	-13	-43.16	H
					3.42000	53.24	Pk	32.7	-95.2	-46.48	-55.74	-13	-42.74	V
					5.13000	52.39	Pk	34.3	-95.2	-46.58	-55.09	-13	-42.09	H
					5.13000	52.70	Pk	34.3	-95.2	-46.58	-54.78	-13	-41.78	V
					6.84000	50.96	Pk	35.5	-95.2	-44.33	-53.07	-13	-40.07	H
					6.84000	51.48	Pk	35.5	-95.2	-44.33	-52.55	-13	-39.55	V
			Mid Ch 1745		3.47000	51.99	Pk	32.6	-95.2	-46.20	-56.81	-13	-43.81	H
					3.47000	51.24	Pk	32.6	-95.2	-46.20	-57.56	-13	-44.56	V
					5.20500	53.14	Pk	34.5	-95.2	-46.37	-53.93	-13	-40.93	H
					5.20500	51.98	Pk	34.5	-95.2	-46.37	-55.09	-13	-42.09	V
					6.94000	51.89	Pk	35.6	-95.2	-45.14	-52.85	-13	-39.85	H
					6.94000	51.43	Pk	35.6	-95.2	-45.14	-53.31	-13	-40.31	V
			High Ch 1770		3.52000	52.2	Pk	32.8	-95.2	-46.52	-56.72	-13	-43.72	H
					3.52000	53.05	Pk	32.8	-95.2	-46.52	-55.87	-13	-42.87	V
					5.27975	52.98	Pk	34.4	-95.2	-46.48	-54.30	-13	-41.30	H
					5.28000	52.93	Pk	34.4	-95.2	-46.48	-54.35	-13	-41.35	V
					7.04000	50.87	Pk	35.5	-95.2	-45.20	-54.03	-13	-41.03	H
					7.04000	51.83	Pk	35.5	-95.2	-45.20	-53.07	-13	-40.07	V

10.1.2. 5G NR n66

Configuration:	EUT Only
Mode	5G NR n66 45MHz BPSK

Date	Test Engineer	Chamber #	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBuV)	Det	ACF (dB/m)	EIRP CF	Gain/ Loss (dB)	Correct Reading (dBm)	Limit (dBm)	Margin (dB)	Polarity
2/126/2026	115536	03-RDE-b	Low Ch 1732.5	14	3.46550	53.79	Pk	32.7	-95.2	-47.28	-55.99	-13	-42.99	H
					3.46550	54.25	Pk	32.7	-95.2	-47.28	-55.53	-13	-42.53	V
					5.13236	62.07	Pk	34.1	-95.2	-49.23	-48.26	-13	-35.26	V
					5.13244	63.65	Pk	34.1	-95.2	-49.23	-46.68	-13	-33.68	H
					6.93050	53.26	Pk	35.6	-95.2	-46.08	-52.42	-13	-39.42	H
					6.93050	52.95	Pk	35.6	-95.2	-46.08	-52.73	-13	-39.73	V
			Mid Ch 1745		3.94000	53.76	Pk	33.3	-95.2	-47.80	-55.94	-13	-42.94	H
					3.94000	53.60	Pk	33.3	-95.2	-47.80	-56.10	-13	-43.10	V
					5.16982	64.22	Pk	34.1	-95.2	-49.01	-45.89	-13	-32.89	H
					5.23500	54.12	Pk	34.2	-95.2	-48.63	-55.51	-13	-42.51	V
					6.98000	52.78	Pk	35.6	-95.2	-46.22	-53.04	-13	-40.04	H
					6.98000	52.47	Pk	35.6	-95.2	-46.22	-53.35	-13	-40.35	V
			High Ch 1757.5		3.51550	54.01	Pk	32.8	-95.2	-46.78	-55.17	-13	-42.17	H
					3.51550	54.14	Pk	32.8	-95.2	-46.78	-55.04	-13	-42.04	V
					5.20749	63.31	Pk	34.1	-95.2	-48.76	-46.55	-13	-33.55	H
					5.27250	55.76	Pk	34.2	-95.2	-48.53	-53.77	-13	-40.77	V
					7.03000	53.09	Pk	35.6	-95.2	-46.98	-53.49	-13	-40.49	V
					7.03000	53.98	Pk	35.6	-95.2	-46.98	-52.60	-13	-39.60	H
3/2/2026	115536	03-RDE-b	Low Ch 1732.5	1	3.46500	53.36	Pk	32.7	-95.2	-47.28	-56.42	-13	-43.42	H
					3.46500	53.68	Pk	32.7	-95.2	-47.28	-56.10	-13	-43.10	V
					5.19750	54.17	Pk	34.1	-95.2	-48.83	-55.76	-13	-42.76	H
					5.19750	53.88	Pk	34.1	-95.2	-48.83	-56.05	-13	-43.05	V
					6.93000	53.80	Pk	35.6	-95.2	-46.06	-51.86	-13	-38.86	H
					6.93000	52.23	Pk	35.6	-95.2	-46.06	-53.43	-13	-40.43	V
			Mid Ch 1745		3.49000	54.18	Pk	32.7	-95.2	-46.76	-55.08	-13	-42.08	H
					3.49000	53.30	Pk	32.7	-95.2	-46.76	-55.96	-13	-42.96	V
					5.23475	54.74	Pk	34.2	-95.2	-48.64	-54.90	-13	-41.90	H
					5.23500	55.38	Pk	34.2	-95.2	-48.63	-54.25	-13	-41.25	V
					6.98000	52.79	Pk	35.6	-95.2	-46.22	-53.03	-13	-40.03	H
					6.98000	53.98	Pk	35.6	-95.2	-46.22	-51.84	-13	-38.84	V
			High Ch 1757.5		3.51500	53.15	Pk	32.8	-95.2	-46.77	-56.02	-13	-43.02	H
					3.51500	52.77	Pk	32.8	-95.2	-46.77	-56.40	-13	-43.40	V
					5.27250	55.56	Pk	34.2	-95.2	-48.53	-53.97	-13	-40.97	H
					5.27250	54.74	Pk	34.2	-95.2	-48.53	-54.79	-13	-41.79	V
					7.03000	52.72	Pk	35.6	-95.2	-46.98	-53.86	-13	-40.86	H
					7.03000	53.98	Pk	35.6	-95.2	-46.98	-52.6	-13	-39.60	V

Date	Test Engineer	Chamber #	Channel Frequency (MHz)	Ant. #	Frequency (GHz)	Meter Reading (dBuV)	Det	ACF (dB/m)	EIRP CF	Gain/ Loss (dB)	Correct Reading (dBm)	Limit (dBm)	Margin (dB)	Polarity
3/9/2026	111411	04-RDE-Q	Low Ch 1732.5	3	3.46400	52.37	Pk	32.6	-95.2	-46.17	-56.40	-13	-43.40	H
					3.46400	52.04	Pk	32.6	-95.2	-46.17	-56.73	-13	-43.73	V
					5.19400	52.16	Pk	34.5	-95.2	-46.40	-54.94	-13	-41.94	H
					5.19400	52.43	Pk	34.5	-95.2	-46.40	-54.67	-13	-41.67	V
					6.93000	51.93	Pk	35.6	-95.2	-45.09	-52.76	-13	-39.76	H
					6.93000	50.89	Pk	35.6	-95.2	-45.09	-53.80	-13	-40.80	V
			Mid Ch 1745		3.49400	53.11	Pk	32.7	-95.2	-46.54	-55.93	-13	-42.93	H
					3.50600	55.74	Pk	32.8	-95.2	-46.53	-53.19	-13	-40.19	V
					5.22125	51.93	Pk	34.5	-95.2	-46.39	-55.16	-13	-42.16	H
					5.22150	55.98	Pk	34.5	-95.2	-46.40	-51.12	-13	-38.12	V
					7.02200	53.10	Pk	35.5	-95.2	-45.16	-51.76	-13	-38.76	V
					7.02850	53.26	Pk	35.5	-95.2	-45.22	-51.66	-13	-38.66	H
			High Ch 1757.5		3.51500	54.07	Pk	32.8	-95.2	-46.50	-54.83	-13	-41.83	H
					3.50500	54.52	Pk	32.8	-95.2	-46.52	-54.40	-13	-41.40	V
					5.28000	55.81	Pk	34.4	-95.2	-46.48	-51.47	-13	-38.47	H
					5.25900	54.67	Pk	34.4	-95.2	-46.49	-52.62	-13	-39.62	V
					7.04100	53.43	Pk	35.5	-95.2	-45.21	-51.48	-13	-38.48	H
					7.04550	53.34	Pk	35.5	-95.2	-45.11	-51.47	-13	-38.47	V
3/18/2026	32186	04-RDE-Q	Low Ch 1732.5	4	2.97200	55.25	Pk	32.6	-95.2	-47.48	-54.83	-13	-41.83	H
					2.97200	55.43	Pk	32.6	-95.2	-47.48	-54.65	-13	-41.65	V
					8.01300	53.09	Pk	36.1	-95.2	-44.80	-50.81	-13	-37.81	H
					8.01500	53.20	Pk	36	-95.2	-44.81	-50.81	-13	-37.81	V
					5.13250	53.83	Pk	34.3	-95.2	-46.56	-53.63	-13	-40.63	H
					5.12800	53.80	Pk	34.3	-95.2	-46.59	-53.69	-13	-40.69	V
			Mid Ch 1745		2.52800	55.36	Pk	32.5	-95.2	-48.05	-55.39	-13	-42.39	H
					2.52700	56.28	Pk	32.5	-95.2	-48.03	-54.45	-13	-41.45	V
					10.60950	54.72	Pk	37.6	-95.2	-44.65	-47.53	-13	-34.53	H
					10.60950	53.41	Pk	37.6	-95.2	-44.65	-48.84	-13	-35.84	V
					4.82350	54.45	Pk	34.3	-95.2	-46.72	-53.17	-13	-40.17	H
					4.82350	54.96	Pk	34.3	-95.2	-46.72	-52.66	-13	-39.66	V
			High Ch 1757.5		2.37250	56.43	Pk	31.8	-95.2	-48.18	-55.15	-13	-42.15	H
					2.37450	56.63	Pk	31.9	-95.2	-48.18	-54.85	-13	-41.85	V
					11.57950	52.34	Pk	38.4	-95.2	-43.61	-48.07	-13	-35.07	H
					11.58350	52.00	Pk	38.4	-95.2	-43.64	-48.44	-13	-35.44	V
					5.84950	52.35	Pk	35	-95.2	-45.92	-53.77	-13	-40.77	H
					5.84600	53.68	Pk	35	-95.2	-45.89	-52.41	-13	-39.41	V

11. SETUP PHOTOS

Refer to 15982167-EP1 for setup photos.

END OF REPORT