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Report On

FCC Testing of the
Ericsson LPRU 4410 B5B13, NR, LTE + NR, KRC 161 887/1 (700 MHz) Base Station in accordance with FCC CFR 47 Part 2, FCC CFR 47 Part 27

COMMERCIAL-IN-CONFIDENCE

FCC: TA8AKRC161887-1

PREPARED BY	APPROVED BY	DATED
Glen Westwell Senior Test Eng.	Scott Drysdale Authorised Signatory	11 August 2021

Document 7169009740.3 Report 01 Issue 1 **August 2021**

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Section **Page No**

SECTION 1

REPORT INFORMATION

1.1 REPORT DETAILS

Manufacturer	Ericsson
Address	Torshamnsgatan 23 Kista SE-16480 Stockholm Sweden
Product Name & Product Number	LPRU 441 B5B13 - KRC 161 887/1
Serial Number(s)	TD3F062325
Software Version	CXP 203 0045/17 R9A99
Hardware Version	R1B
Test Specification/Issue/Date	FCC CFR 47 Part 2: 2019 FCC CFR 47 Part 27: 2020
Test Plan	LPRU 4410 B5B13_RA_testplan with B13NR Update
Start of Test	09 June 2021
Finish of Test	10 June 2021
Name of Engineer(s)	Glen Westwell
Related Document(s)	KDB 971168 D01 v02r02 KDB 662911 D01 v02r01 ANSI C63.26-2015

ENGINEERING STATEMENT

The measurements shown in this report were made in accordance with the procedures described on test pages. All reported testing was carried out on a sample equipment to demonstrate compliance with FCC CFR 47 Part 2: 2019, FCC CFR 47 Part 27: 2020. The sample tested was found to comply with the requirements defined in the applied rules.

Test Engineer(s);

Glen Westwell

1.2 BRIEF SUMMARY OF RESULTS

A brief summary of results for each configuration, in accordance with FCC CFR 47 Part 2, FCC CFR 47 Part 27 is shown below.

Section	Specification Clause		Test Description	Result
	FCC CFR 47 Part 2	FCC CFR 47 Part 27		
2.1	2.1046	27.50	Maximum Peak Output Power and Peak to Average Ratio - Conducted	Pass
2.2	2.1049	27.53	Occupied Bandwidth	Pass
2.3	2.1051	27.53	Band Edge	Pass
2.4	2.1051	27.53	Transmitter Spurious Emissions	Pass

Testing in this Report covers only B13 (700 MHz)

For additional configurations and test cases not contained within this test report, refer to the following reports:

75947902 Report 01 Issue 1 – LPRU 4410 B5B13 - LTE, NR, LTE and NB-IoT

1.3 TEST RATIONALE

The tests that have been selected are detailed in the customer Test Plan as defined in section 1.1 of this report

1.4 CONFIGURATION DESCRIPTION

Configuration	RAT	No. Of carriers	Carrier Bandwidth	Carrier Frequency Configuration (MHz)		
				Bottom	Middle	Top
A	NR	1	5 MHz	748.5	-	753.5
			10 MHz	-	751.0	-
B	NR + LTE	2	5 MHz + 5 MHz – SCS 15kHz	-	748.5+753.5	-

Note: Authorized BW for this variant is 10MHz.

1.5 DECLARATION OF BUILD STATUS

MAIN EUT	
MANUFACTURING DESCRIPTION	LPRU 4410 B5B13
MANUFACTURER	Ericsson
TYPE	Remote Radio Base Station
PART NUMBER	KRC 161 887/1
SERIAL NUMBER	TD3F062325
HARDWARE VERSION	R1B
SOFTWARE VERSION	CXP 203 0045/17 R9A99
TRANSMITTER OPERATING RANGE	B5: 869-894 MHz, B13: 746-756MHz
RECEIVER OPERATING RANGE	B5: 824-849 MHz, B13: 777-787MHz
COUNTRY OF ORIGIN	China
INTERMEDIATE FREQUENCIES	None
EMISSION DESIGNATOR(S): (i.e. G1D, GXW)	B5 and B13 LTE: 5M00W7D, 10M0W7D B5 and B13 NBIoT Guardband: 10M0W7D B5 NR: 5M00F9W, 10M0F9W, 15M0F9W, 20M0F9W B13 NR: 5M00F9W, 10M0F9W
MODULATION TYPES: (i.e. GMSK, QPSK)	LTE: QPSK, 16QAM, 64QAM, 256QAM NR: QPSK, 16QAM, 64QAM, 256QAM
HIGHEST INTERNALLY GENERATED FREQUENCY	0.894 GHz
OUTPUT POWER (W or dBm)	B5: 4 x 0.05W (17dBm) B13: 4 x 0.05W (17dBm)
FCC ID	TA8AKRC161887-1
INDUSTRY CANADA ID	NA
TECHNICAL DESCRIPTION (a brief description of the intended use and operation)	LPRU 4410 B5B13 (KRC 161 887/1) is a Remote Radio Unit forming part of the Ericsson Radio Base Station (RBS) equipment. The LPRU provides radio access for mobile and fixed devices and is intended for the indoor environment. The radio operates over 8 Transmit ports in MRO (LTE, NBIoT, and NR);Single, and Multi-Carrier transmission with a maximum rated RF Output of 0.05W per port over an operational temperature of 0°C to +50°C. The unit is designed to be rack mounted. .

Signature:

.....

Denis Lalonde

Date: 3 August 2021

Declaration of Build Status Serial Number: TD3F062325

No responsibility will be accepted by TÜV SÜD UK Limited as to the accuracy of the information declared in this document by the manufacturer.

1.6 PRODUCT INFORMATION

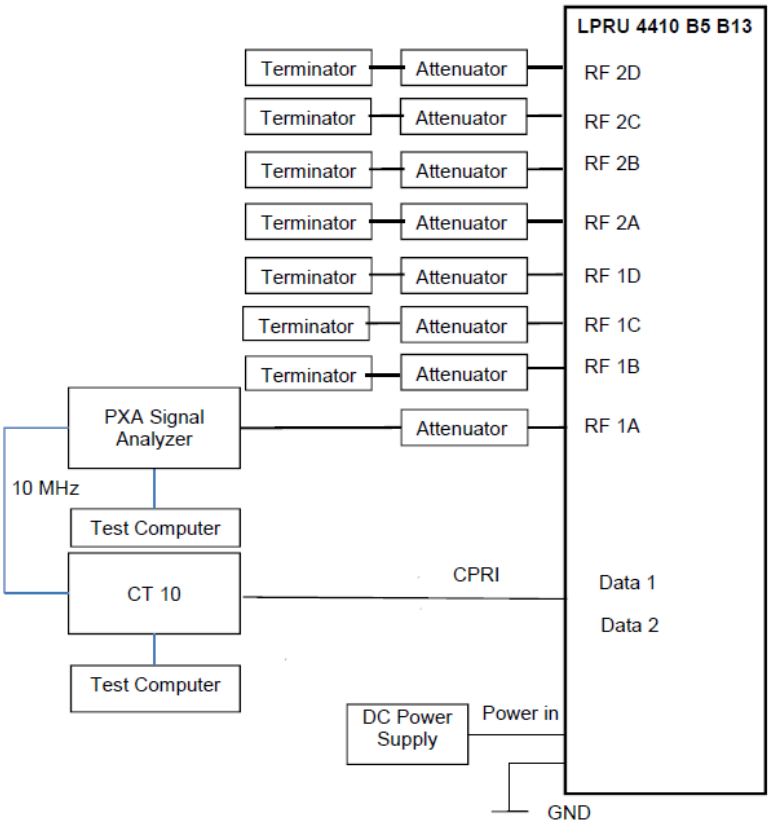
1.6.1 Technical Description

The Equipment Under Test (EUT) LPRU 4410 B5 B13 is an Ericsson AB Radio Unit working in the public mobile service (700 and 850 MHz) bands which provides communication connections to (700 and 850 MHz) network. The LPRU 4410 B5 B13 operates from a -48V DC supply.

The Equipment Under Test (EUT) is shown in the photograph below. A full technical description can be found in the Manufacturer's documentation.

Equipment Under Test

1.7 TEST SETUP



1.8 TEST CONDITIONS

For all tests the EUT was set up in accordance with the relevant test standard and to represent typical operating conditions. Tests were applied with the EUT situated as described in the Test Method for each Test.

The EUT was powered from a -48V DC supply.

FCC Measurement Facility Registration Number
CA4810 TUV SUD Ottawa, Canada

ISED Accreditation
IC#24015 TUV SUD Ottawa, Canada

Under our A2LA Accreditation, TÜV SÜD Canada conducted the following tests at Ericsson's, Ottawa Laboratory: 349 Terry Fox Dr, Kanata, ON.
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Test Name	Name of Engineer(s)
Maximum Peak Output Power and Peak to Average Ratio - Conducted	Glen Westwell
Occupied Bandwidth	Glen Westwell
Band Edge	Glen Westwell
Transceiver Spurious Emissions	Glen Westwell

1.9 DEVIATION FROM THE STANDARD

No deviations from the applicable test standards or test plan were made during testing.

1.10 MODIFICATION RECORD

No modifications were made to the EUT during testing.

1.11 ADDITIONAL INFORMATION

1. This filing is for a Class II Permissive Change to add NR modulation to this previously certified device for band 13 under the following ID's:

FCC ID: TA8AKRC161887-1

2. Transmitter performance was measured for top, mid & bottom channels, where aplicable, accross all antenna ports as presented in the average power measurement tables. Typical performance is presented.

SECTION 2

TEST DETAILS

2.1 MAXIMUM PEAK OUTPUT POWER AND PEAK TO AVERAGE RATIO - CONDUCTED

2.1.1 Specification Reference

FCC CFR 47 Part 27, Clause 27.50
FCC CFR 47 Part 2, Clause 2.1046

2.1.2 Date of Test and Modification State

09 and 10 June 2021 - Modification State 0

2.1.3 Test Equipment Used

The major items of test equipment used for the above tests are identified in Section 3.1.

2.1.4 Environmental Conditions

Ambient Temperature	24.9 - 25.2°C
Relative Humidity	29.4 - 29.8%

2.1.5 Test Method

All measurements were made in accordance with FCC KDB 971168 D01, clause 5.2.1 and summed in accordance with FCC KDB 662911 D01.

2.1.6 Test Results

Configuration A

Maximum Output Power 17.00 dBm / Port

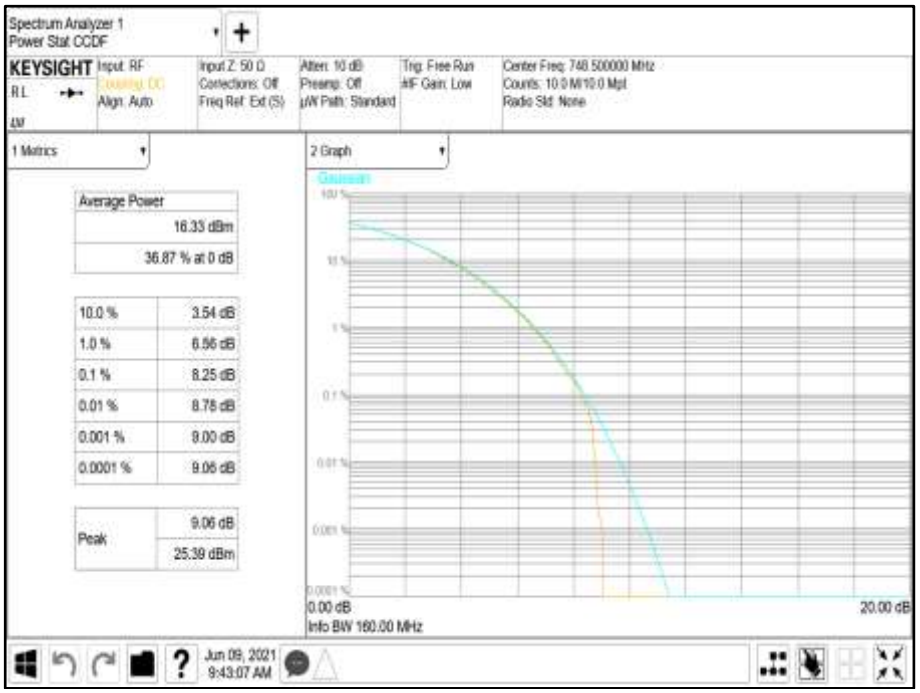
Antenna Type	Modulation	Carrier Bandwidth	Peak to Average Ratio (PAR) / Output Power		
External			Channel Position B		
Antenna Port			PAR (dB)	Average Power	
				dBm	dBm/MHz
A	NR: QPSK	5.0 MHz	9.06	16.36	10.88
B	NR: QPSK	5.0 MHz	-	16.39	10.88
C	NR: QPSK	5.0 MHz	-	16.31	10.88
D	NR: QPSK	5.0 MHz	-	16.39	10.88
Total			-	22.38	13.89
Antenna Gain (dBd)	Modulation	Carrier Bandwidth	Peak to Average Ratio (PAR) / Output Power		
0.00			Channel Position M		
Antenna Port			PAR (dB)	Average Power	
				dBm	dBm/MHz
A	NR: QPSK	5.0 MHz	8.93	16.33	10.98
B	NR: QPSK	5.0 MHz	-	16.24	10.98
C	NR: QPSK	5.0 MHz	-	16.35	10.98
D	NR: QPSK	5.0 MHz	-	16.43	10.98
Total			-	22.36	13.99
Antenna Gain (dBd)	Modulation	Carrier Bandwidth	Peak to Average Ratio (PAR) / Output Power		
0.00			Channel Position T		
Antenna Port			PAR (dB)	Average Power	
				dBm	dBm/MHz
A	NR: QPSK	5.0 MHz	9.07	16.38	11.35
B	NR: QPSK	5.0 MHz	-	16.21	11.35
C	NR: QPSK	5.0 MHz	-	16.42	11.35
D	NR: QPSK	5.0 MHz	-	16.40	11.35
Total			-	22.37	14.36
Antenna Gain (dBd)	Modulation	Carrier Bandwidth	Peak to Average Ratio (PAR) / Output Power		
0.00			Channel Position B/M/T		
Antenna Port			PAR (dB)	Average Power	
				dBm	dBm/MHz
A	NR: QPSK	10.0 MHz	9.14	16.79	8.28
B	NR: QPSK	10.0 MHz	-	16.62	8.28
C	NR: QPSK	10.0 MHz	-	16.36	8.28
D	NR: QPSK	10.0 MHz	-	16.88	8.28
Total			-	22.69	11.29

Remarks

1. Transmitter performance has been presented for top, mid, bottom channels accross all antenna ports as represented in the following tables.
2.Typical performance and measurement plot data has been presented for reference.
3. B13 has 10 MHz of authorized spectrum, therfeore the 10 MHz or 5+5 MHz carrier performance represnts B/M/T as present in the tables.
4. All plot data is on file and available upon request.

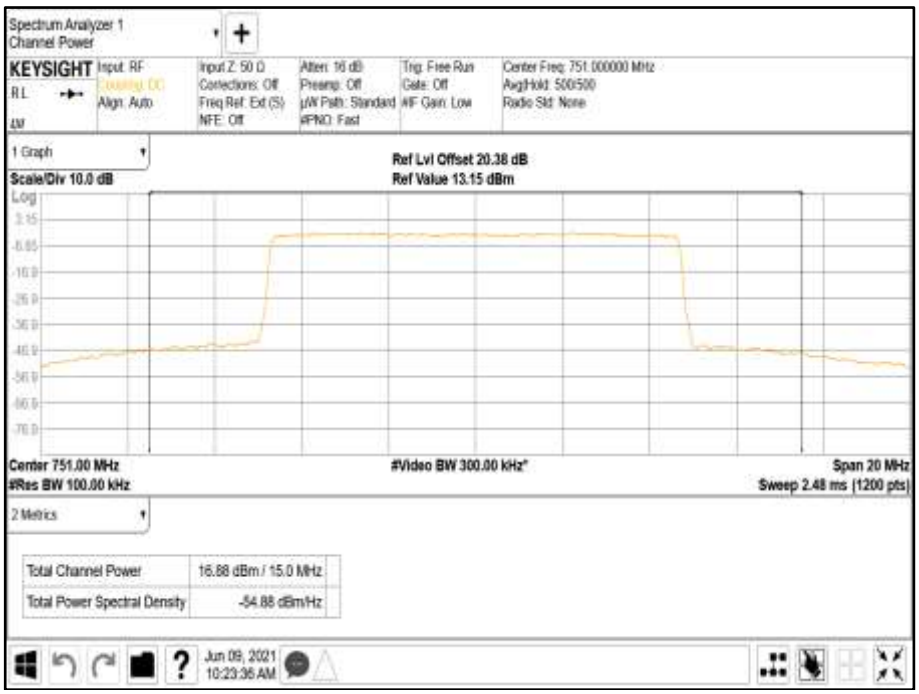
Antenna Port A Carrier Power - Modulation NR: QPSK - Carrier Bandwidth 5.0 MHz - Channel Position B

Antenna Port A Pk-Av Ratio - Modulation NR: QPSK - Carrier Bandwidth 5.0 MHz - Channel Position B

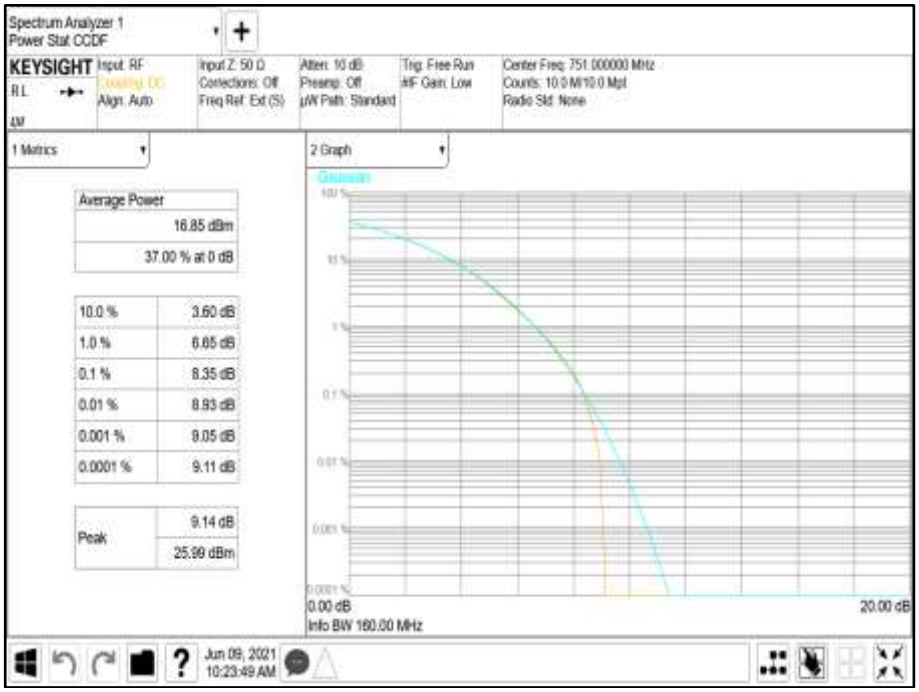


Antenna Port A PSD - Modulation NR: QPSK - Carrier Bandwidth 5.0 MHz - Channel Position B

Antenna Port A Carrier Power - Modulation NR: QPSK - Carrier Bandwidth 10.0 MHz - Channel Position B



Antenna Port A Pk-Av Ratio - Modulation NR: QPSK - Carrier Bandwidth 10.0 MHz - Channel Position B



Antenna Port A PSD - Modulation NR: QPSK - Carrier Bandwidth 10.0 MHz - Channel Position B

Configuration B

Maximum Output Power 17.00 dBm / Port

Antenna Type	Modulation	Carrier Bandwidth	
External			
Antenna Port			Average Power
			dBm
A	NR+NR: QPSK	5.0+5.0 MHz	16.84
B	NR+NR: QPSK	5.0+5.0 MHz	16.66
C	NR+NR: QPSK	5.0+5.0 MHz	16.12
D	NR+NR: QPSK	5.0+5.0 MHz	16.82
Total			22.64
Antenna Gain (dBd)	Modulation	Carrier Bandwidth	
0.00			
Antenna Port			Average Power
			dBm
A	NR+LTE: QPSK	5.0+5.0 MHz	16.50
B	NR+LTE: QPSK	5.0+5.0 MHz	16.54
C	NR+LTE: QPSK	5.0+5.0 MHz	16.54
D	NR+LTE: QPSK	5.0+5.0 MHz	16.73
Total			22.60

Remarks

1. The table results are measured at all antenna ports, worst-case presented.
2. Plot data performance for all transmitter ports and channels are available on request.

Antenna Port A Carrier Power - Modulation NR+NR: QPSK - Carrier Bandwidth 5.0+50 MHz - Channel Position M

Antenna Port A Carrier Power - Modulation NR+LTE: QPSK - Carrier Bandwidth 5.0+50 MHz - Channel Position M

Limit	
Maximum rated output power (Non-Rural)	≤ 1640 W/MHz or ≤+62.15 dBm/MHz
Maximum rated output power (Rural)	≤ 3280 W/MHz or ≤+65.15 dBm/MHz
Peak to Average Ratio	13 dB

The radio unit was tested with maximum output power and without an antenna. ERP/EIRP compliance is addressed at the time of licensing, as required by the responsible FCC/ISED Bureau(s). Licensees are required to take into account maximum allowed antenna gain used in combination with the applicable power settings to prevent the radiated output power exceeding the limits.

2.2 OCCUPIED BANDWIDTH

2.2.1 Specification Reference

FCC CFR 47 Part 27, Clause 27.53
FCC CFR 47 Part 2, Clause 2.1049

2.2.2 Date of Test and Modification State

09 June 2021 - Modification State 0

2.2.3 Test Equipment Used

The major items of test equipment used for the above tests are identified in Section 3.1.

2.2.4 Environmental Conditions

Ambient Temperature	24.9°C
Relative Humidity	29.8%

2.2.5 Test Method

All measurements were made in accordance with FCC KDB 971168 D01, Clause 4.3.
The Spectrum Analyser RBW was configured to be at least 1% of the channel bandwidth of the carrier to be measured.

For 26 dB Bandwidth, in accordance with KDB 971168 D01, a peak detector and a trace setting of Max Hold were used. The trace was allowed to stabilise. Using the Spectrum Analyser function, the 26dB measurement result was obtained.

4.3 Occupied bandwidth – power bandwidth (99 %) measurement procedure
Subclause 5.4.4 of ANSI C63.26-2015 is applicable (wherein the recommendation is to use the 99 % power bandwidth function of a spectrum analyzer).

2.2.6 Test Results

Configuration A

Maximum Output Power 17.00 dBm / Port

Modulation	Carrier Bandwidth	Result (MHz)	
		Channel Bandwidth	
		Occupied Bandwidth	-26 dB Bandwidth
NR: QPSK	NR: 5.0 MHz	4.45	4.72
NR: QPSK	NR: 10.0 MHz	9.27	9.64

Remarks

Representative occupied banwitdth performance results presented. Plot data performance for all transmitter ports and channel positions are on file and available on request.

2.3 BAND EDGE

2.3.1 Specification Reference

FCC CFR 47 Part 27, Clause 27.53
FCC CFR 47 Part 2, Clause 2.1051

2.3.2 Date of Test and Modification State

10 June 2021 - Modification State 0

2.3.3 Test Equipment Used

The major items of test equipment used for the above tests are identified in Section 3.1.

2.3.4 Environmental Conditions

Ambient Temperature	25.2°C
Relative Humidity	29.4%

2.3.5 Test Method

All measurements were made in accordance with FCC KDB 971168 D01, Clause 6.0.

Band Edge measurements were used an Integration Bandwidth of at least 1% of the measured 26dB Bandwidth.

Each antenna port has been declared as being equivalent, therefore measurements were made on one antenna port only. To account for this, the limit was tightened by 10 * Log(N), where N is equal to the number of MIMO antenna ports.

For single carrier, the limit was calculated as being -13 dBm - 10 * Log (4) = -19 dBm.

2.3.6 Test Results

Configuration A

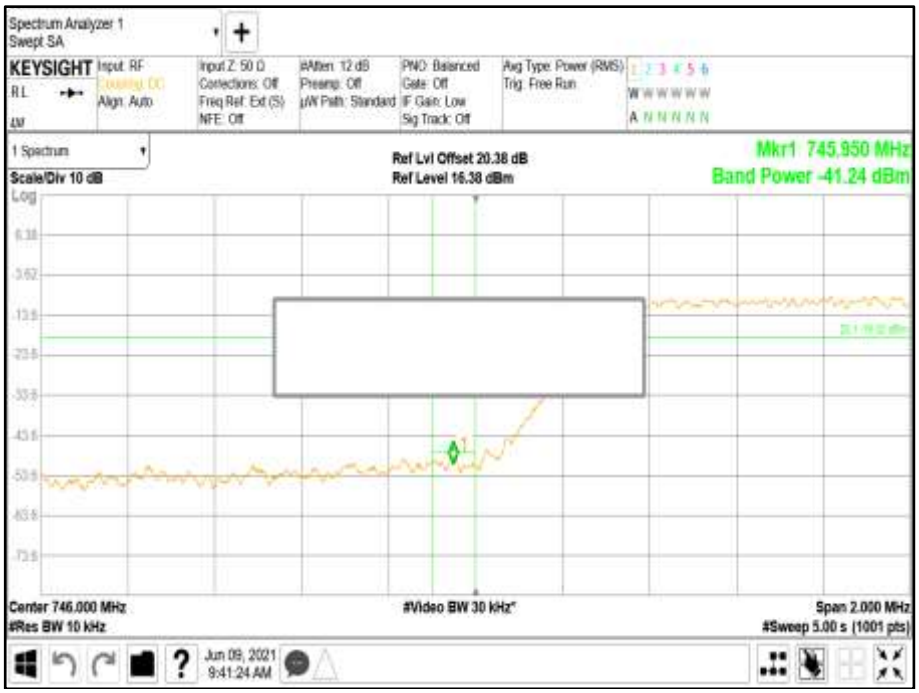
Maximum Output Power 17.00 dBm

Modulation	Carrier Bandwidth	Band Edge (MHz)	
		Channel Position B	Channel Position T
NR: QPSK	NR: 5.0 MHz	748.5	753.5
NR: QPSK	NR: 10.0 MHz	751.0	751.0

Remarks

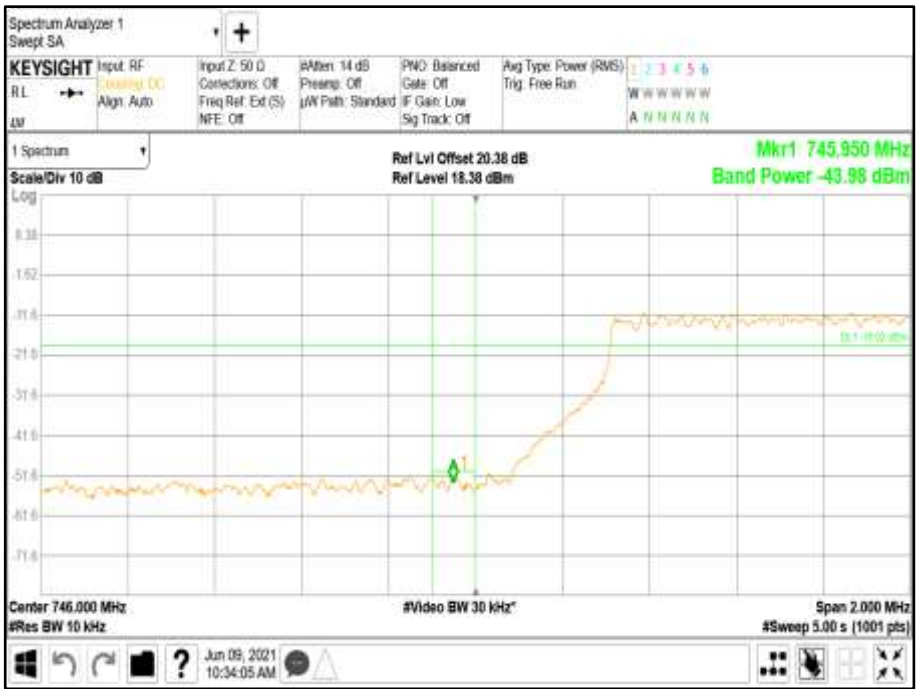
1. Bandedge data was captured from the transmit port with maximum measured power.
2. Worst case bandedge data presented.

Modulation NR: QPSK - Carrier Bandwidth NR: 5.0 MHz - Channel Position B

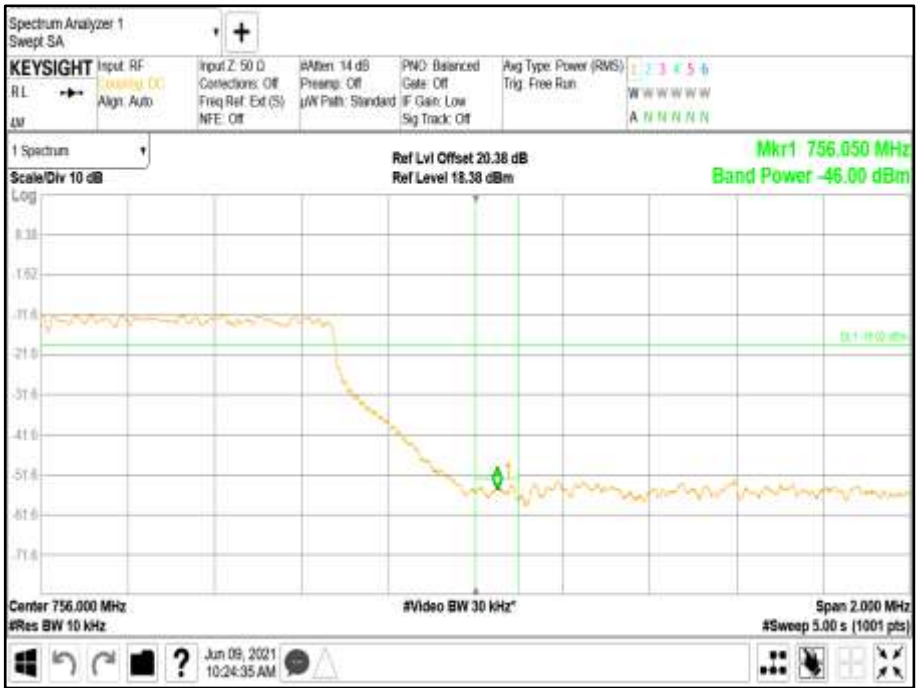


Modulation NR: QPSK - Carrier Bandwidth NR: 5.0 MHz - Channel Position T

Modulation NR: QPSK - Carrier Bandwidth NR: 10.0 MHz - Channel Position B



Modulation NR: QPSK - Carrier Bandwidth NR: 10.0 MHz - Channel Position T



Configuration B

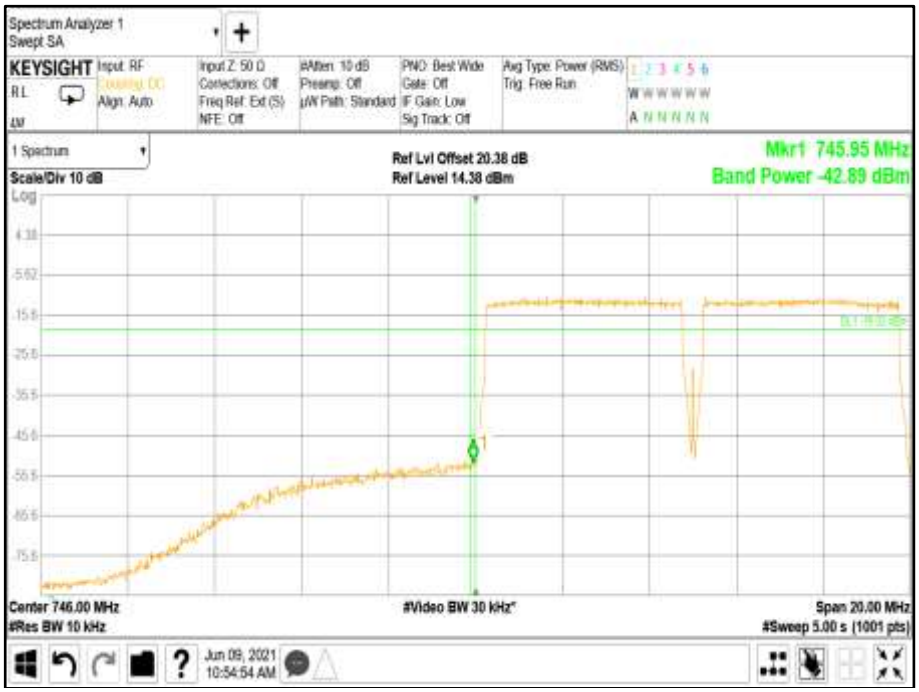
Maximum Output Power 17.00 dBm / Port

Antenna	Modulation	Carrier Bandwidth	Band Edge (MHz)	
			Channel Position B	Channel Position T
A	NR + NR: QPSK	5.0+5.0 MHz	748.5+753.5	748.5+753.5
A	LTE + NR: QPSK	5.0+5.0 MHz	748.5+753.5	748.5+753.5

Remarks

The plot results represent typical radio performace.

Antenna A - Modulation NR + NR: QPSK - Carrier Bandwidth 5.0+5.0 MHz - Channel Position B



Antenna A - Modulation NR + NR: QPSK - Carrier Bandwidth 5.0+5.0 MHz - Channel Position T

Antenna A - Modulation LTE + NR: QPSK - Carrier Bandwidth 5.0+5.0 MHz - Channel Position B

Antenna A - Modulation LTE + NR: QPSK - Carrier Bandwidth 5.0+5.0 MHz - Channel Position T

Limit	-19 dBm

2.4 TRANSMITTER SPURIOUS EMISSIONS

2.4.1 Specification Reference

FCC CFR 47 Part 27, Clause 27.53
ISED RSS-130, Clause 4.7
FCC CFR 47 Part 2, Clause 2.1051

2.4.2 Date of Test and Modification State

10 June 2021 - Modification State 0

2.4.3 Test Equipment Used

The major items of test equipment used for the above tests are identified in Section 3.1.

2.4.4 Environmental Conditions

Ambient Temperature	25.2°C
Relative Humidity	29.4%

2.4.5 Test Method

All measurements were made in accordance with FCC KDB 971168 D01, Clause 6.1.

Each antenna port has been declared as being equivalent, therefore measurements were made on one antenna port only. To account for this, the limit was tightened by 10 * Log(N), where N is equal to the number of MIMO antenna ports.

For single carrier, the limit was calculated as being -13 dBm - 10 * Log (4) = -19 dBm.

2.4.6 Test Results

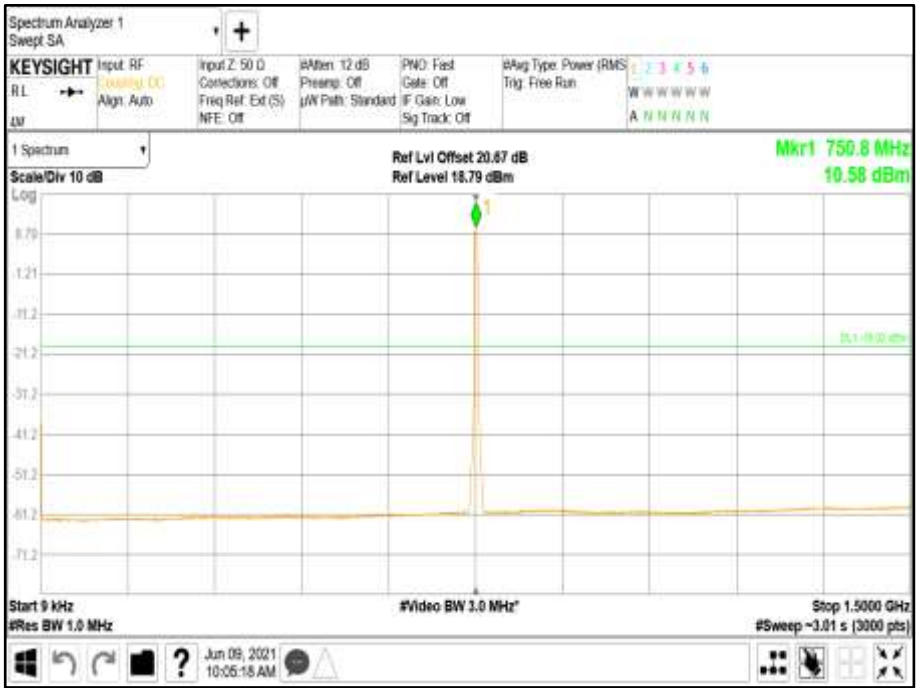
Configuration A

Maximum Output Power 17.00 dBm / Port

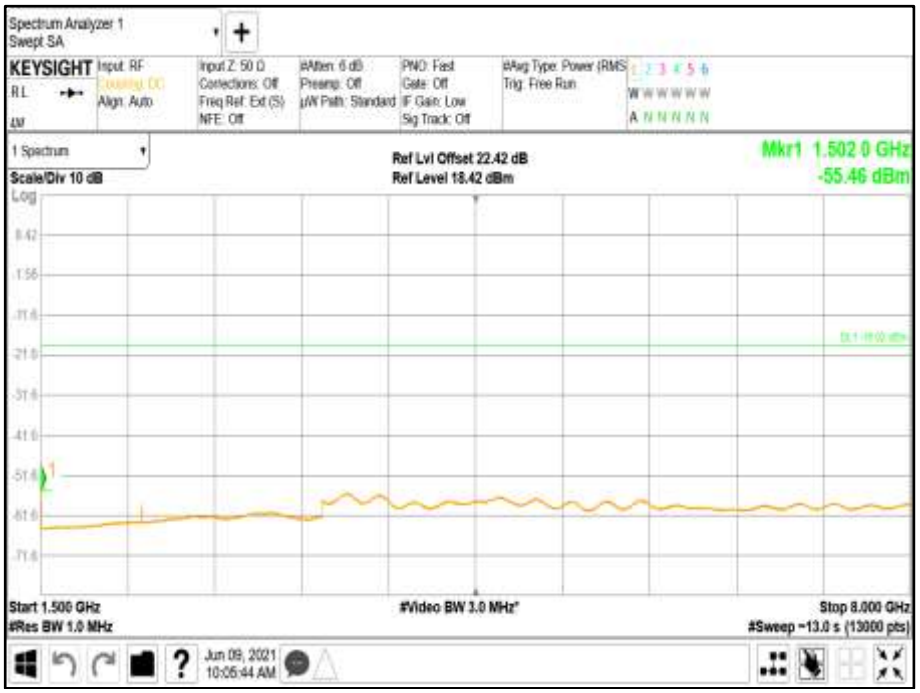
Remarks

1. Transceiver spurious emssions have been searched for all channel bandwidths and antenna ports.
2. Representative spurious emissions performance has been presented for all modulations.
3. Plot data performance for all transmitter ports, channel bandwidths, and channel positions are on file and available on request.

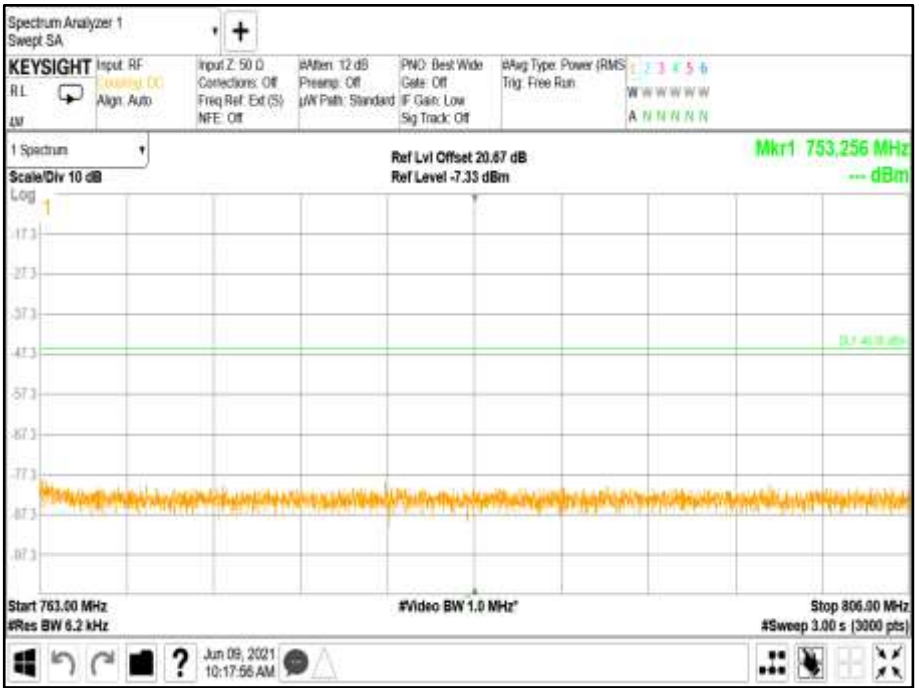
Modulation NR: QPSK - Carrier Bandwidth 5.0 MHz - Channel Position M - Band 1 - Range 0.009 to 1500 MHz



Modulation NR: QPSK - Carrier Bandwidth 5.0 MHz - Channel Position M - Band 2 - Range 1500 to 8000 MHz

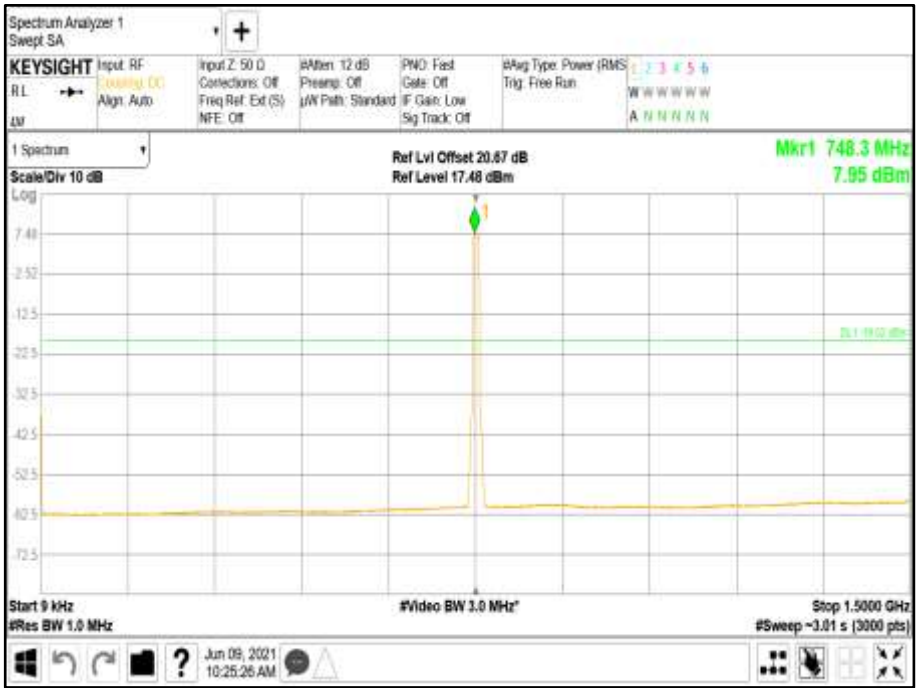


Modulation NR: QPSK - Carrier Bandwidth 5.0 MHz - Channel Position M - Band 3 - Range 763-806 MHz

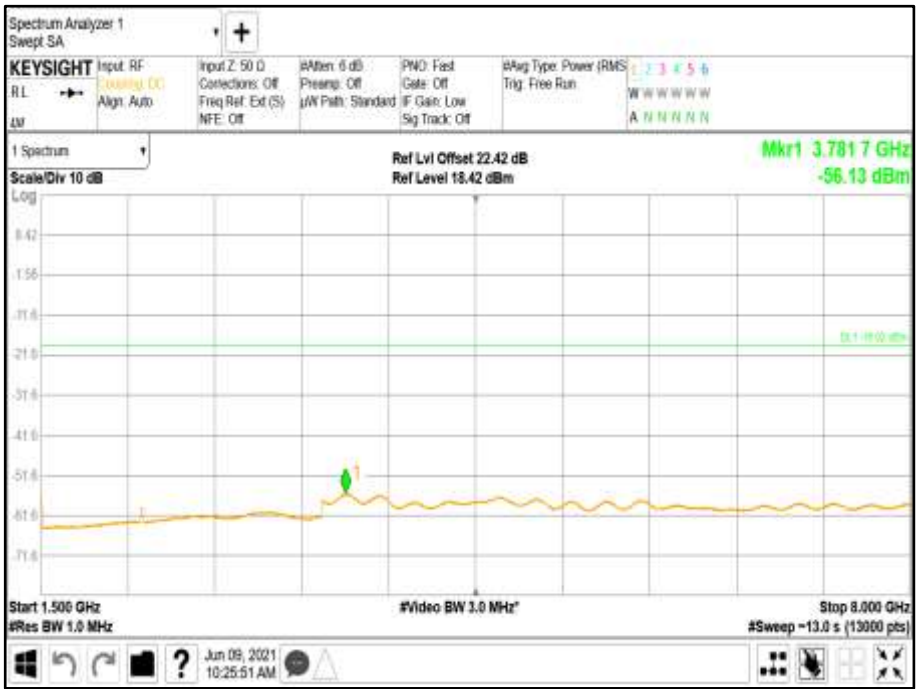


Modulation NR: QPSK - Carrier Bandwidth 5.0 MHz - Channel Position M - Band 4 - Range 1599-1610 MHz

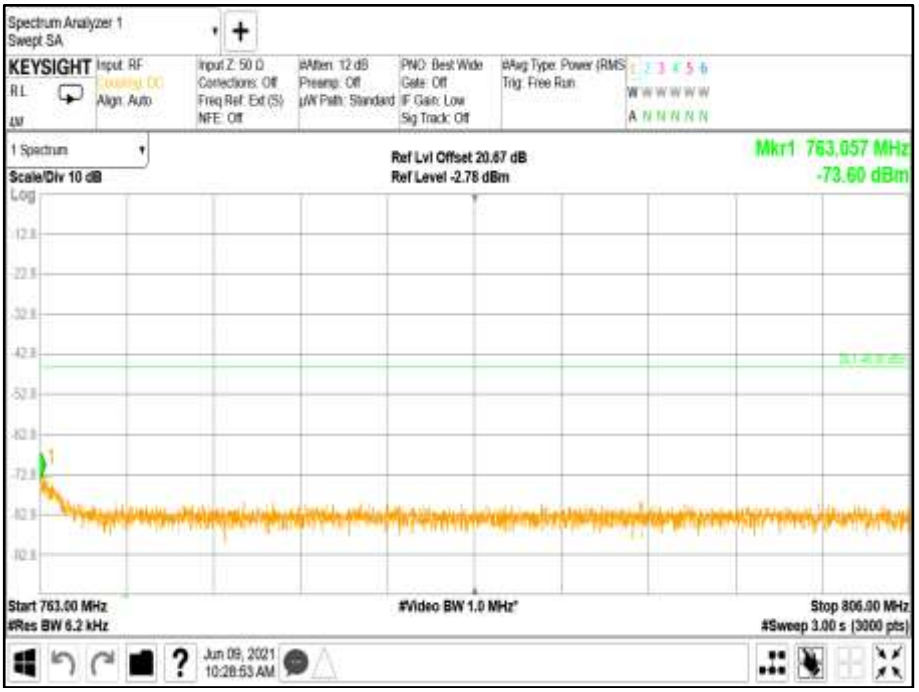
Modulation NR: QPSK - Carrier Bandwidth 10.0 MHz - Channel Position M - Band 1 - Range 0.009 to 1500 MHz



Modulation NR: QPSK - Carrier Bandwidth 10.0 MHz - Channel Position M - Band 2 - Range 1500 to 8000 MHz



Modulation NR: QPSK - Carrier Bandwidth 10.0 MHz - Channel Position M - Band 3 - Range 763-806 MHz



Modulation NR: QPSK - Carrier Bandwidth 10.0 MHz - Channel Position M - Band 4 - Range 1599-1610 MHz

Configuration B

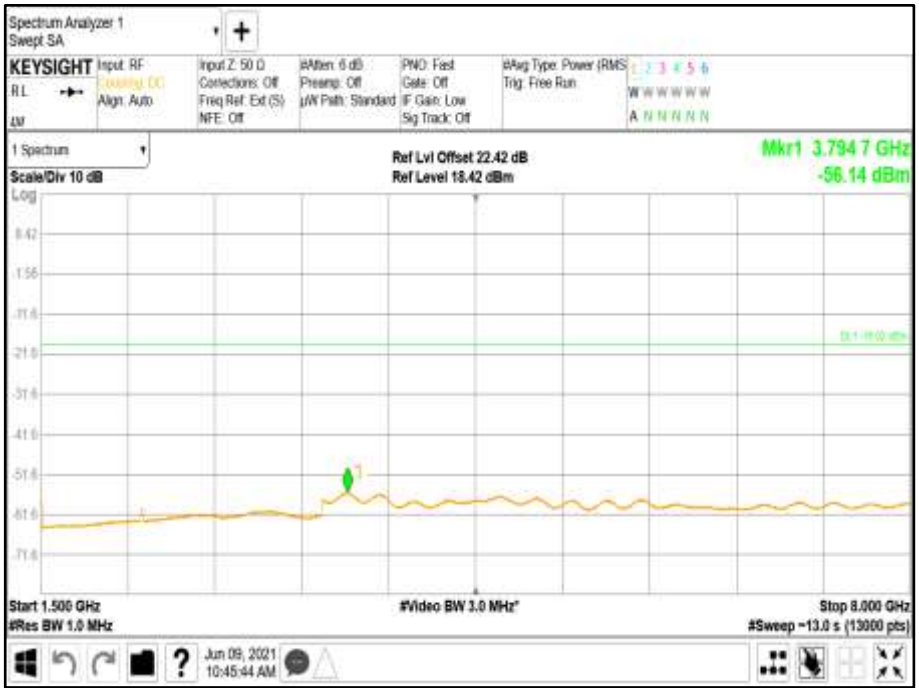
Maximum Output Power 17.00 dBm

Remarks

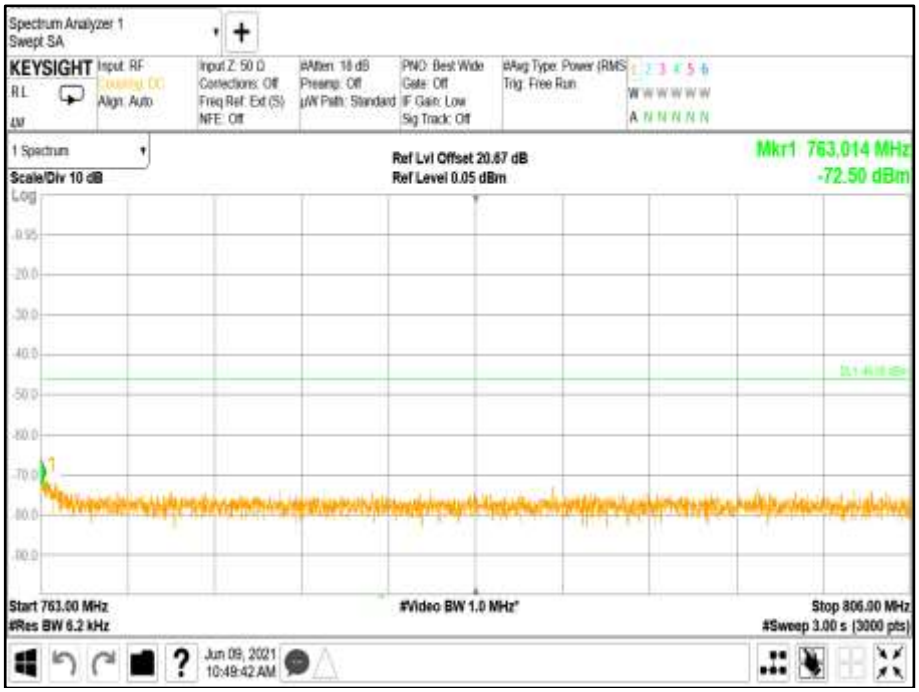
1. Representavie spurious emissions performance has been presented for all modulations.
2. Typical worst-case performance presented.

Modulation NR + NR: QPSK - Carrier Bandwidth 5.0+5.0 MHz - Channel Position M - Band 1 - Range 0.009 to 1500 MHz

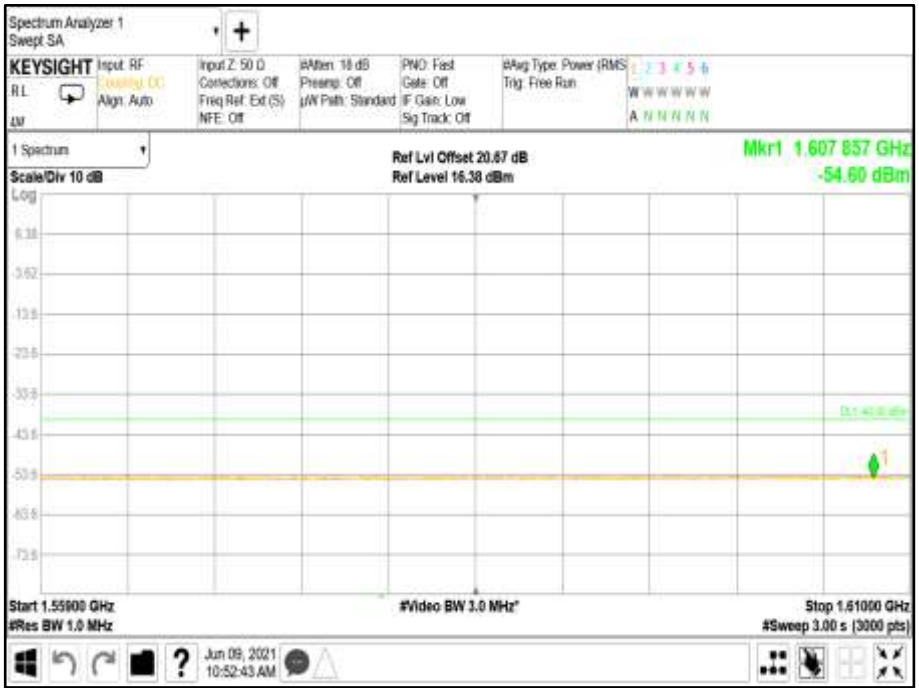
Modulation NR + NR: QPSK - Carrier Bandwidth 5.0+5.0 MHz - Channel Position M - Band 2 - Range 1500 t0 8000 MHz



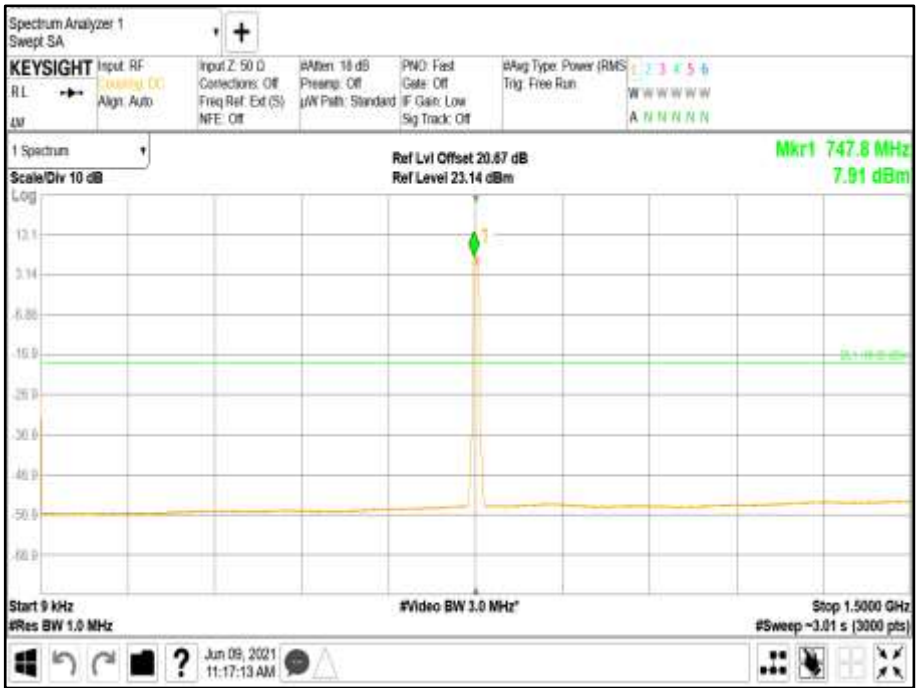
Modulation NR + NR: QPSK - Carrier Bandwidth 5.0+5.0 MHz - Channel Position M - Band 3 - Range 763-806 MHz



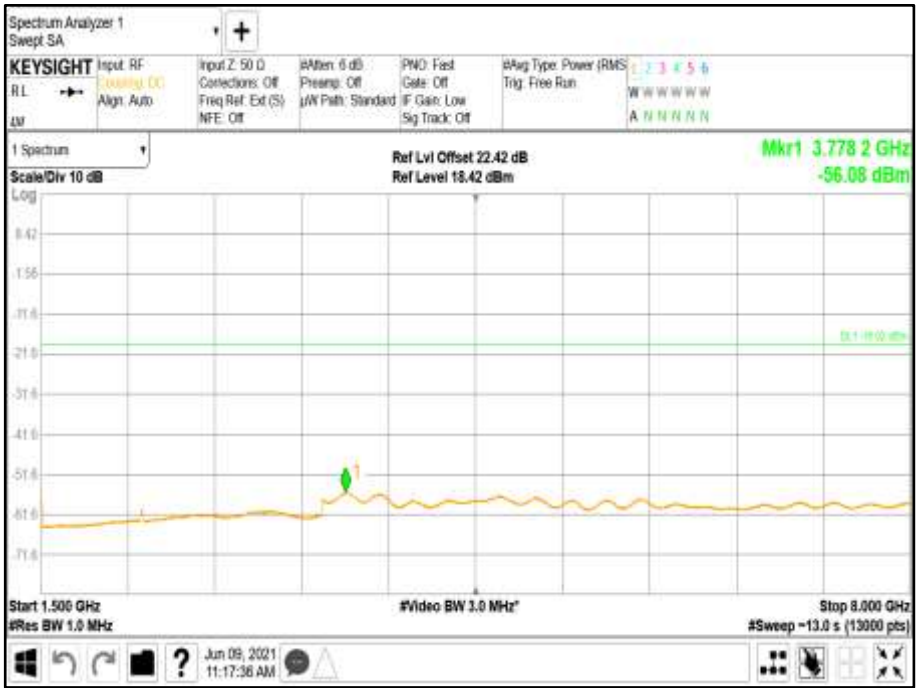
Modulation NR + NR: QPSK - Carrier Bandwidth 5.0+5.0 MHz - Channel Position M - Band 4 - Range 1599-1610 MHz



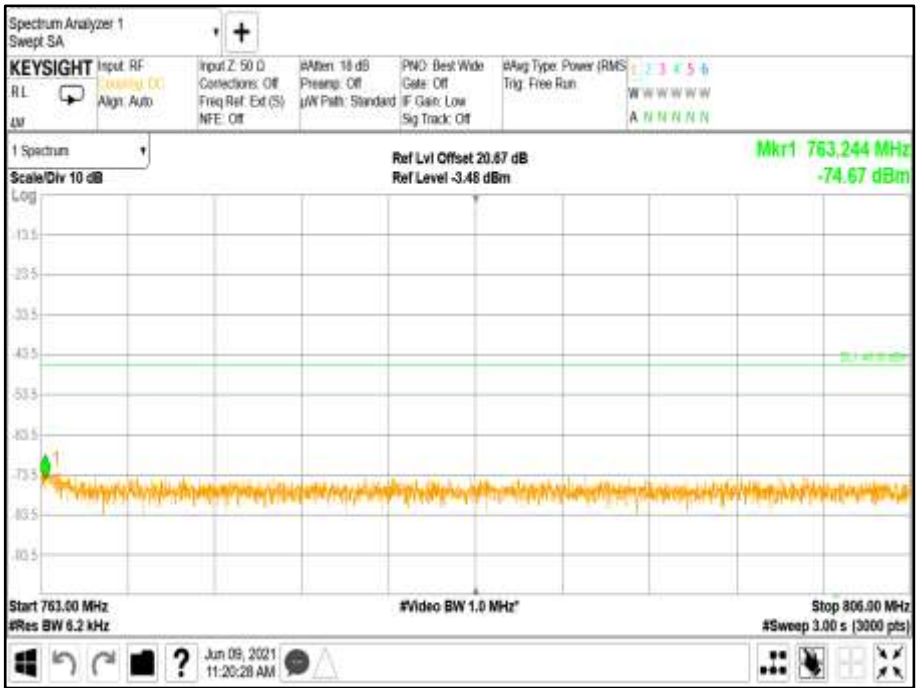
Modulation LTE + NR: QPSK - Carrier Bandwidth 5.0+5.0 MHz - Channel Position M - Band 1 - Range 0.009 to 1500 MHz



Modulation LTE + NR: QPSK - Carrier Bandwidth 5.0+5.0 MHz - Channel Position M - Band 2 - Range 1500 t0 8000 MHz



Modulation LTE + NR: QPSK - Carrier Bandwidth 5.0+5.0 MHz - Channel Position M - Band 3 - Range 763-806 MHz



Modulation LTE + NR: QPSK - Carrier Bandwidth 5.0+5.0 MHz - Channel Position M - Band 4 - Range 1599-1610 MHz

Limit	< -19 dBm : outside the 746-758 MHz < -46 dBm/6.25 kHz : 763-775 MHz and 793-805 MHz < -40dBm/MHz : 1559-1610 MHz

SECTION 3

TEST EQUIPMENT USED

3.1 TEST EQUIPMENT USED

List of absolute measuring and other principal items of test equipment.

Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Due
Spectrum Analyzer	Keysight	PXA N9030B	MY57144347	24	24-Apr-2022
Thermometer	VWR	61161-364	192595396.00	24	25-Oct-2021
PSU	Xantrex	XKW60-50	E00109862	-	O/P Mon
Attenuator (20dB)	Mini-Circuits	BW-K10-2W44+	-	-	O/P Mon
Climate Chamber	Burnsco	RTC-37P-3-3	-07-07	-	O/P Mon

N/A – Not Applicable
O/P Mon – Output Monitored with Calibrated Equipment

3.2 MEASUREMENT UNCERTAINTY

For a 95% confidence level, the measurement uncertainties for defined systems are:-

Test Discipline	Frequency / Parameter		MU
Conducted Maximum Peak Output Power	30 MHz to 20 GHz Amplitude		± 0.7 dB
Conducted Emissions	30 MHz to 20 GHz Amplitude		± 2.1 dB
Frequency Stability	30 MHz to 2 GHz		± 5.0 Hz
Occupied Bandwidth	Up to 20 MHz Bandwidth	5 MHz Bandwidth	± 11547 Hz
		10 MHz Bandwidth	± 23094 Hz
		15 MHz Bandwidth	± 34641 Hz
		20 MHz Bandwidth	± 46188 Hz
Band Edge	30 MHz to 20 GHz Amplitude		±0.8 dB
Radiated Spurious Emissions	30 MHz to 1 GHz		± 5.2 dB
	1 GHz to 40GHz		± 6.3 dB

Measurement Uncertainty Decision Rule

Determination of conformity with the specification limits is based on the decision rule according to IEC Guide 115: 2007, clause 4.4.3 and 4.5.1.

SECTION 5

ACCREDITATION, DISCLAIMERS AND COPYRIGHT

4.1 ACCREDITATION, DISCLAIMERS AND COPYRIGHT

This report relates only to the actual item/items tested.

This report does not imply product endorsement by any government, accreditation agency, or TÜV SÜD Canada Inc.

Opinions or interpretations expressed in this report, if any, are outside the scope of TÜV SÜD Canada Inc. accreditations. Any opinions expressed do not necessarily reflect the opinions of TÜV SÜD Canada Inc., unless otherwise stated.

This report relates only to the actual item/items tested

ANNEX A

MODULE LIST

Configuration A			
Product	Product No	R-State	Serial No
CT11	LPC 102 494/1	R2A	T01G495060
LPRU 4410 B5B13 (EUT)	KRC 161 887/1	R1B	TD3F062325
Software Version:	CXP2030045/17	Revision:	R9A99