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Report On

FCC and IC Testing of the
Ericsson LTE KRY 901 451/1 RDS 2243 B14 (700 MHz) Base Station
in accordance with FCC CFR 47 Part 2, FCC CFR 47 Part 90

COMMERCIAL-IN-CONFIDENCE

FCC ID: TA8AKRY901451-1

PREPARED BY

A handwritten signature in black ink, appearing to read 'Scott Drysdale'.

Scott Drysdale

REVIEWED BY

A handwritten signature in blue ink, appearing to read 'S. M.'.

Sivaratnam, Kasinathan

DATED

September 10, 2019



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SECTION 1

REPORT INFORMATION



1.1 REPORT DETAILS

Manufacturer	Ericsson
Address	Torshamnsgatan 23 Kista SE-16480 Stockholm Sweden
Product Name & Product Number	Remote Radio Base Station KRY 901 451/1
IC Model Name	KRY 901 451/1
Serial Number(s)	TD3T789631
Software Version	R68DD
Hardware Version	R1B
Test Specification/Issue/Date	FCC CFR 47 Part 2: 2018 FCC CFR 47 Part 90: 2018
Start of Test	August 1, 2019
Finish of Test	September 10, 2019
Name of Engineer(s)	Scott Drysdale
TUV SUD Canada number	7169006545
Related Document(s)	KDB 971168 D01 v02r02 KDB 662911 D01 v02r01

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 90. The sample tested was found to comply with the requirements defined in the applied rules.

Test Engineer(s);

A handwritten signature in black ink that reads 'Scott Drysdale'.

Scott Drysdale



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 90 is shown below.

Section	Specification Clause				Test Description	Result
	FCC CFR 47 Part 2	FCC CFR 47 Part 90				
2.1	2.1046	90.542			Maximum Peak Output Power and Peak to Average Ratio - Conducted	Pass
2.2	2.1049	90.543(d)			Occupied Bandwidth	Pass
2.3	2.1051	90.543(e)			Band Edge	Pass
2.4	2.1051	90.543(e)			Transmitter Spurious Emissions	Pass
2.5	2.1055	90.213			Frequency Stability	Pass

Measurement Uncertainty Decision Statement

Determination of conformity with the specification limits is based on the results of the compliance measurement and does not take into account measurement instrumentation uncertainty as defined in ANSI C63.26:2015 Clause 1.3.



1.3 CONFIGURATION DESCRIPTION

Configuration	RAT	No. Of carriers	Carrier Bandwidth	Carrier Frequency Configuration (MHz)		
				Bottom	Middle	Top
A	LTE	1	5 MHz	760.5	763.0	765.5
A	LTE	2	5 MHz	N/A	763.0	N/A
B	LTE	1	10 MHz	N/A	763.0	N/A



1.4 DECLARATION OF BUILD STATUS

MAIN EUT	
MANUFACTURING DESCRIPTION	Radio Dot
MANUFACTURER	Ericsson
TYPE	Remote Radio Base Station
PART NUMBER	KRY 901 451/1
SERIAL NUMBER	TD3T789631
HARDWARE VERSION	R1B
SOFTWARE VERSION	R68DD
TRANSMITTER OPERATING RANGE	B14 758 – 768 MHz
RECEIVER OPERATING RANGE	B14 788 – 798 MHz
COUNTRY OF ORIGIN	China
INTERMEDIATE FREQUENCIES	DL: 110 – 150MHz, UL: 40 – 80MHz
EMISSION DESIGNATOR(S): (i.e. G1D, GXW)	LTE 5M00 W7D 10M0 W7D
MODULATION TYPES: (i.e. GMSK, QPSK)	LTE: QPSK, 16QAM, 64QAM, 256QAM
HIGHEST INTERNALLY GENERATED FREQUENCY	.768 GHz
OUTPUT POWER (W or dBm)	2x 0.05 W (17dBm)
FCC ID	TA8AKRY901451-1
INDUSTRY CANADA ID	287AB-AS9014511
TECHNICAL DESCRIPTION (a brief description of the intended use and operation)	The RD 2243 B14 (KRY 901 451/1) is a Remote Radio Unit forming part of the Ericsson Radio Base Station (RBS) equipment. The RD provides radio access for mobile and fixed devices and is intended for the indoor environment. The radio operates over 2 Transmit ports in SRO; Single, Multi-Carrier, and MIMO transmission with a maximum rated RF Output of 0.050W per port over an operational temperature of 5°C to +40°C. The unit is designed to be ceiling mounted.

Signature:

.....

Denis Lalonde

Date: 30 August 2019

Declaration of Build Status Serial Number: TD3T789631

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

1.5 PRODUCT INFORMATION

1.5.1 Technical Description

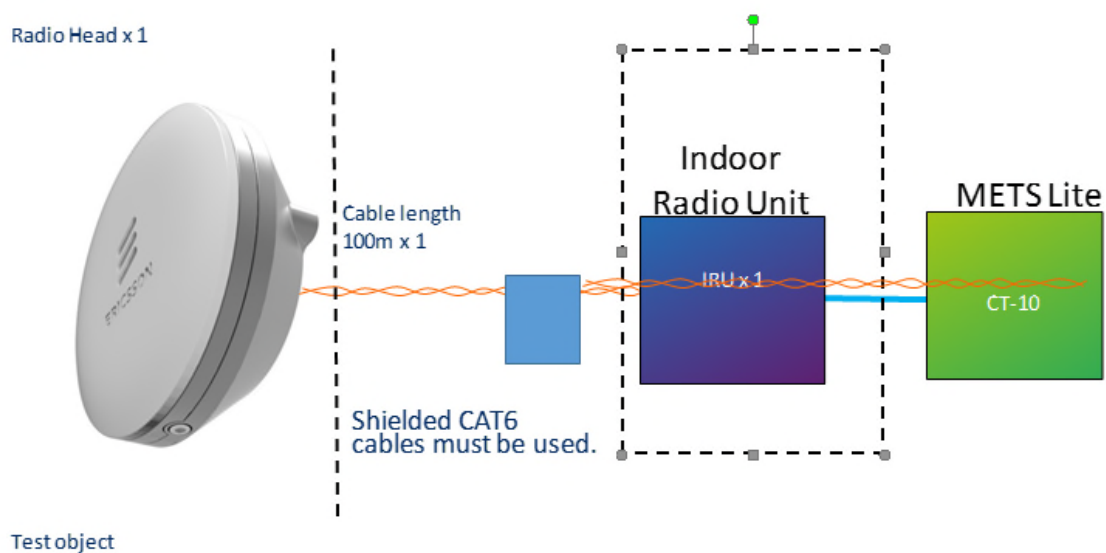
The Equipment Under Test (EUT) RDS 2243 B14 is an Ericsson AB Radio Unit working in the public mobile service 700 MHz band which provides communication connections to (Band) network. The RDS 2243 B14 operates from a -48V DC supply.

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

1.6 TEST SETUP





1.7 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 in a shielded enclosure, test laboratories or a chamber as appropriate.

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

FCC Measurement Facility Accreditation Designation Number: CA4180
TUV SUD Canada (Ottawa)

1.8 DEVIATION FROM THE STANDARD

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

1.9 MODIFICATION RECORD

No modifications were made to the EUT during testing.

1.10 ALTERNATIVE TEST SITE

Under our A2LA Accreditation, TÜV SÜD conducted the following tests at Ericsson in Ottawa, Canada.

Test Name	Name of Engineer(s)
Maximum Peak Output Power and Peak to Average Ratio - Conducted	Scott Drysdale
Occupied Bandwidth	Scott Drysdale
Band Edge	Scott Drysdale
Transmitter Spurious Emissions	Scott Drysdale
Frequency Stability	Scott Drysdale

1.11 ADDITIONAL INFORMATION



Product Service

SECTION 2

TEST DETAILS



Product Service

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

2.1.1 Specification Reference

FCC CFR 47 Part 2, Clause 2.1046
FCC CFR 47 Part 90,

2.1.2 Date of Test and Modification State

13 August 2019 - 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 20 - 23°C
Relative Humidity 45 - 55%

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.

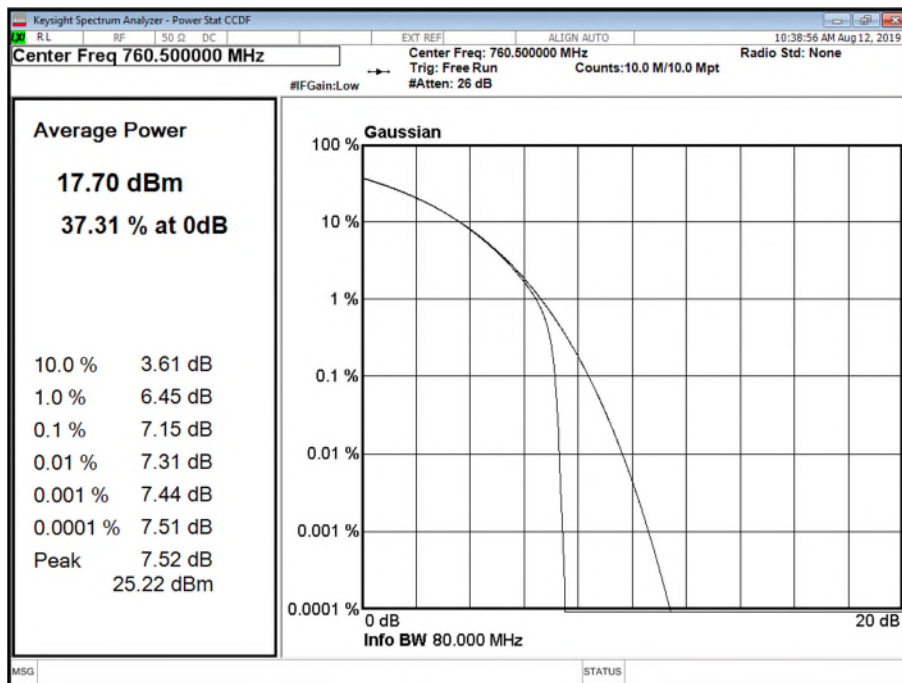
2.1.6 Test Results

Configuration A

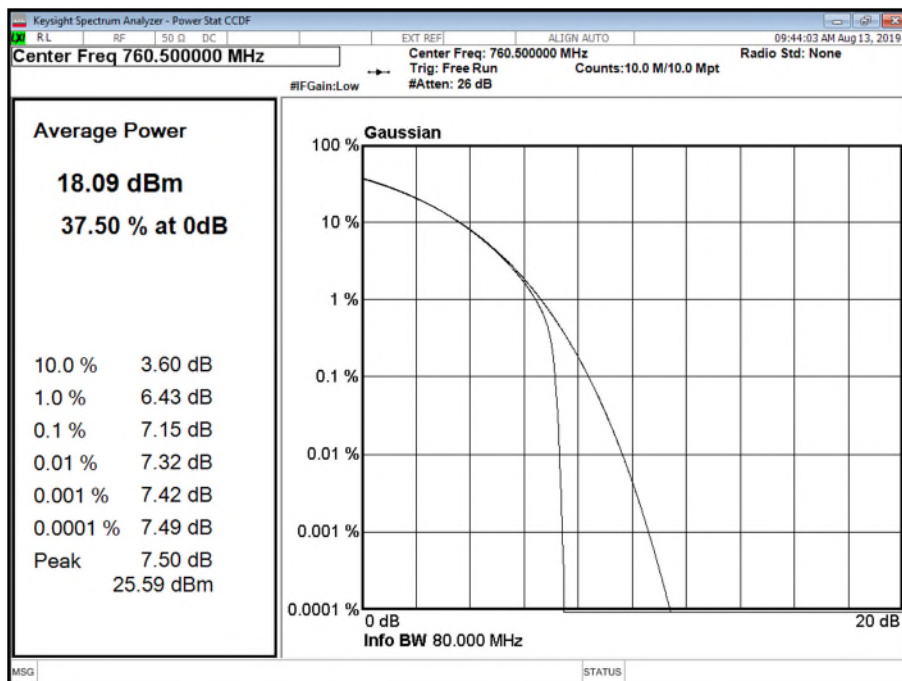
Maximum Output Power 17 dBm

Antenna	LTE Modulation	LTE Carrier Bandwidth	Peak to Average Ratio (PAR) / Output Power		
			Channel Position B		
			PAR (dB)	Average Power	
				dBm	dBm/MHz
A	QPSK	5.0 MHz	7.15	17.69	12.05
B	QPSK	5.0 MHz	7.15	18.08	12.25
Total			-	20.90	15.16

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



Antenna B - LTE Modulation QPSK - LTE Carrier Bandwidth 5.0 MHz - Channel Position B





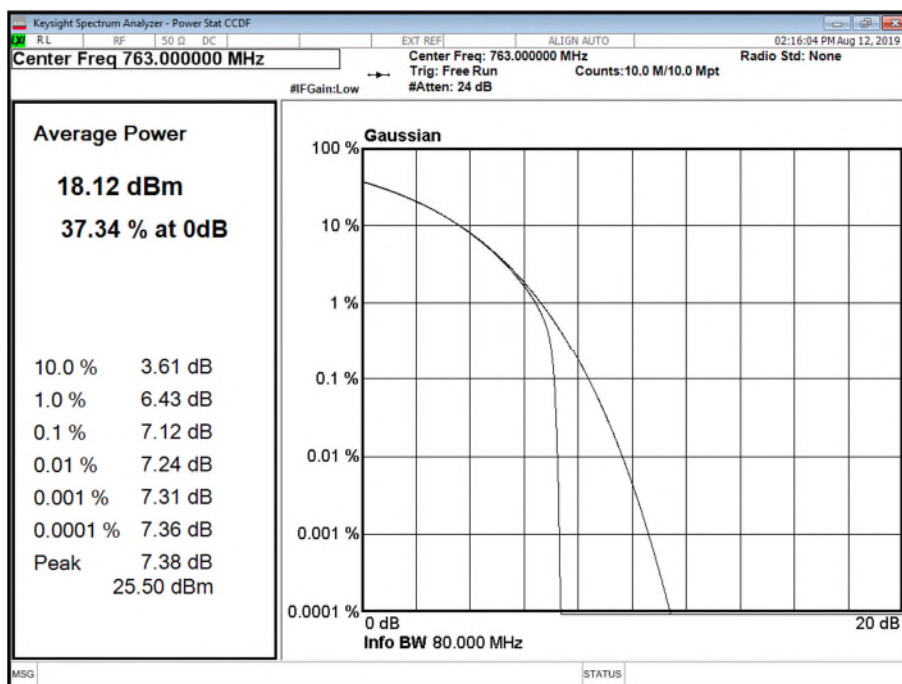
Product Service

Configuration A

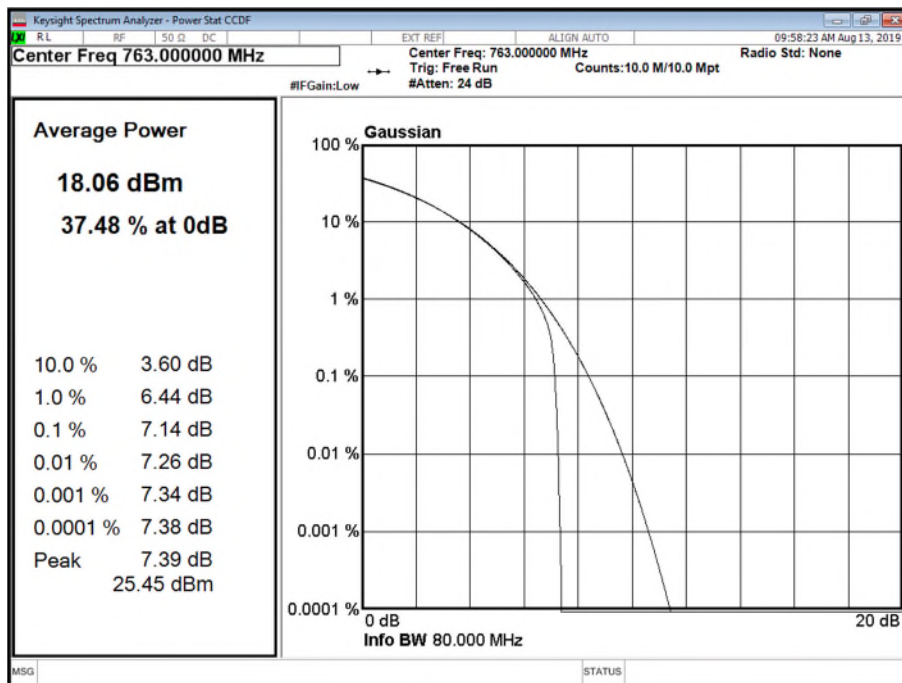
Maximum Output Power 17 dBm

Antenna	LTE Modulation	LTE Carrier Bandwidth	Peak to Average Ratio (PAR) / Output Power		
			Channel Position M		
			PAR (dB)	Average Power	
				dBm	dBm/MHz
A	QPSK	5.0 MHz	7.12	18.10	12.25
B	QPSK	5.0 MHz	7.14	18.02	12.20
Total			-	21.07	15.24
A	QPSK	10.0 MHz	7.16	18.08	9.58
B	QPSK	10.0 MHz	7.19	18.16	9.84
Total			-	21.13	12.72

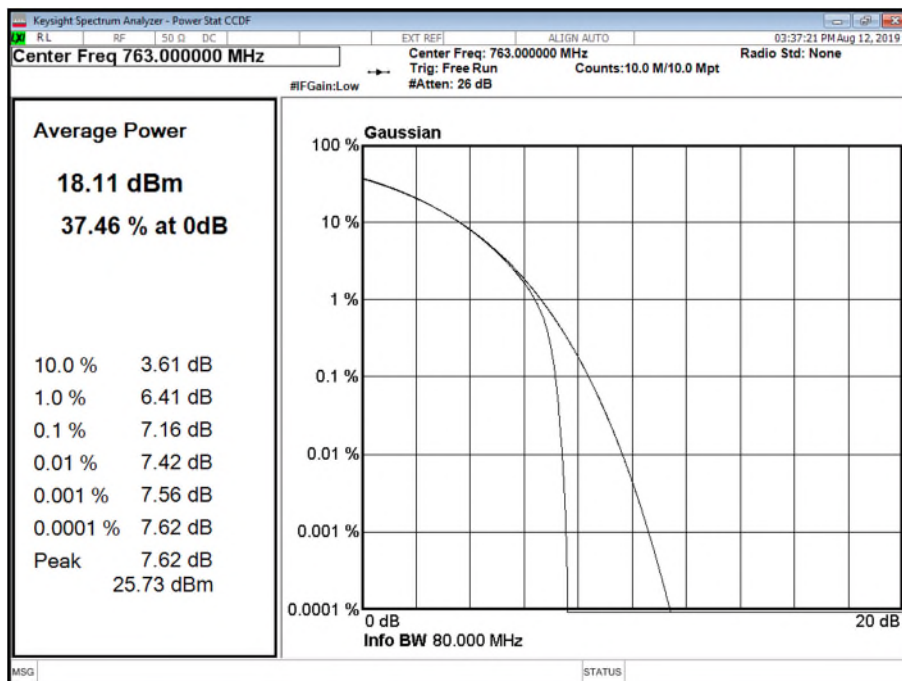
Antenna A - LTE Modulation QPSK - LTE Carrier Bandwidth 5.0 MHz - Channel Position M



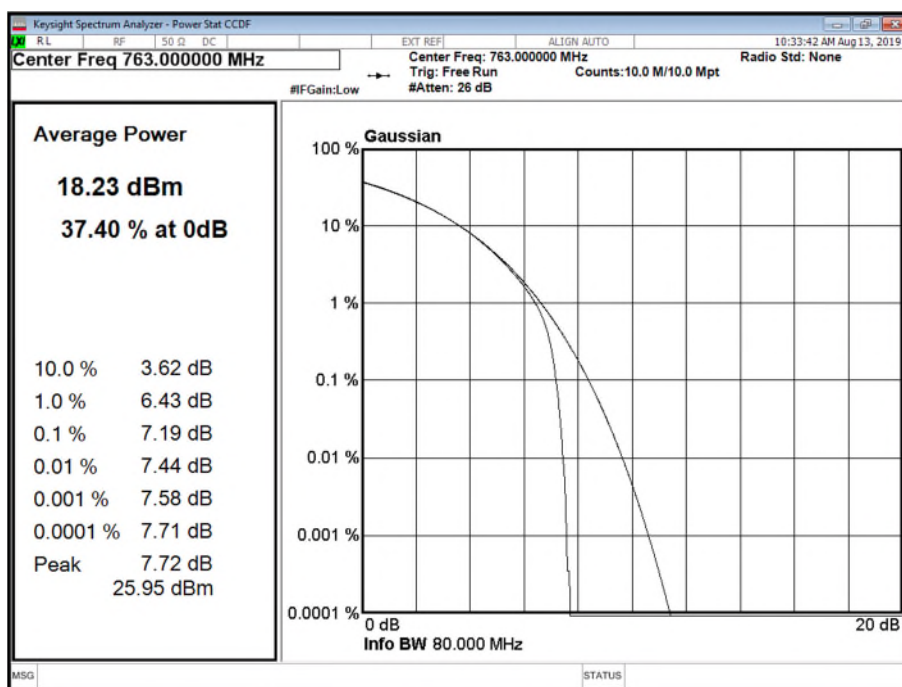
Antenna B - LTE Modulation QPSK - LTE Carrier Bandwidth 5.0 MHz - Channel Position M



Antenna A - LTE Modulation QPSK - LTE Carrier Bandwidth 10.0 MHz - Channel Position M



Antenna B - LTE Modulation QPSK - LTE Carrier Bandwidth 10.0 MHz - Channel Position M

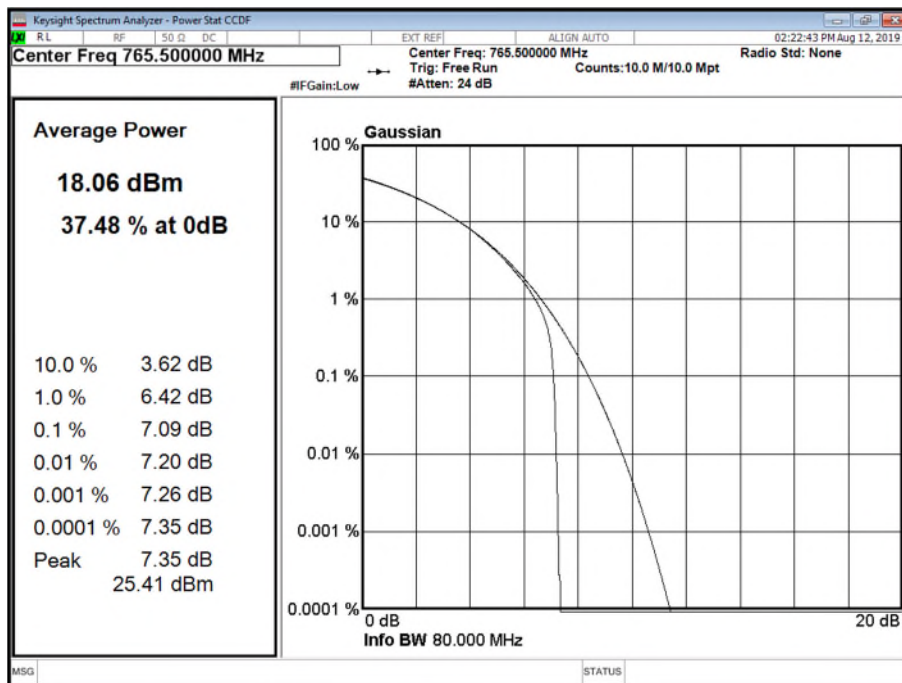


Configuration A

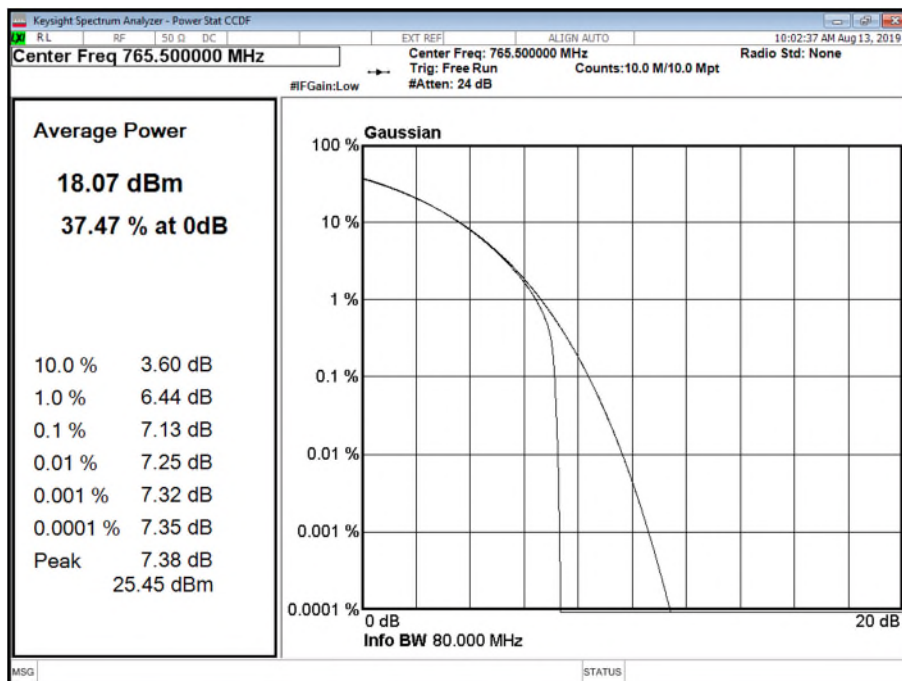
Maximum Output Power 17 dBm

Antenna	LTE Modulation	LTE Carrier Bandwidth	Peak to Average Ratio (PAR) / Output Power		
			Channel Position T		
			PAR (dB)	Average Power	
				dBm	dBm/MHz
A	QPSK	5.0 MHz	7.09	17.97	12.25
B	QPSK	5.0 MHz	7.13	18.07	12.11
Total			-	21.03	15.19

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



Antenna B - LTE Modulation QPSK - LTE Carrier Bandwidth 5.0 MHz - Channel Position T





Product Service

Configuration B

Maximum Output Power 14 dBm/carrier

Antenna	LTE Modulation	LTE Carrier Bandwidth	Peak to Average Ratio (PAR) / Output Power		
			Channel Position M		
			PAR (dB)	Average Power	
				dBm	dBm/MHz
A	QPSK	5.0 MHz		18.06	9.58
B	QPSK	5.0 MHz		18.12	9.78
Total			-	21.10	12.69

Limit	
Peak Power	$\leq 1000\text{W/MHz}$
Peak to Average Ratio	13 dB



Product Service

2.2 OCCUPIED BANDWIDTH

2.2.1 Specification Reference

FCC CFR 47 Part 2, Clause 2.1049
FCC CFR 47 Part 90,

2.2.2 Date of Test and Modification State

13 August 2019 - 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 20 - 23°C
Relative Humidity 45 – 55 %

2.2.5 Test Method

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

2.2.6 Test Results

Configuration A

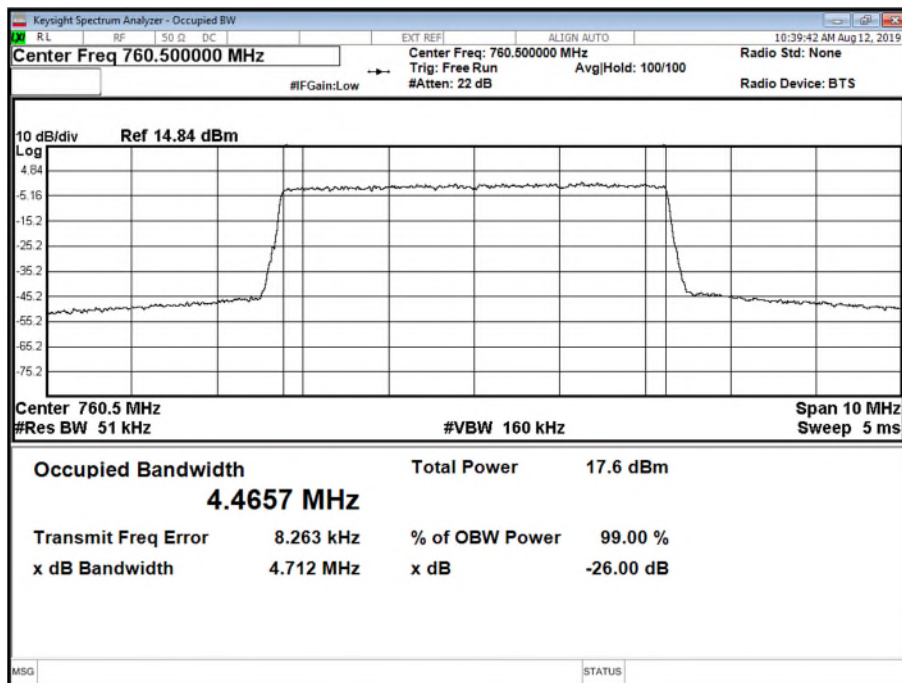
Maximum Output Power 17 dBm

Antenna	LTE Modulation	LTE Carrier Bandwidth	Result (KHz)					
			Channel Position B		Channel Position M		Channel Position T	
			Occupied Bandwidth	-26 dB Bandwidth	Occupied Bandwidth	-26 dB Bandwidth	Occupied Bandwidth	-26 dB Bandwidth
A	QPSK	5.0 MHz	4,465.66	4,711.66	4,469.51	4,703.58	4,466.96	4,705.18
B	QPSK	5.0 MHz	4,464.47	4,710.57	4,469.46	4,721.66	4,471.17	4,687.72
A	QPSK	10.0 MHz			8,914.27	9,334.00		
B	QPSK	10.0 MHz			8,922.22	9,385.14		

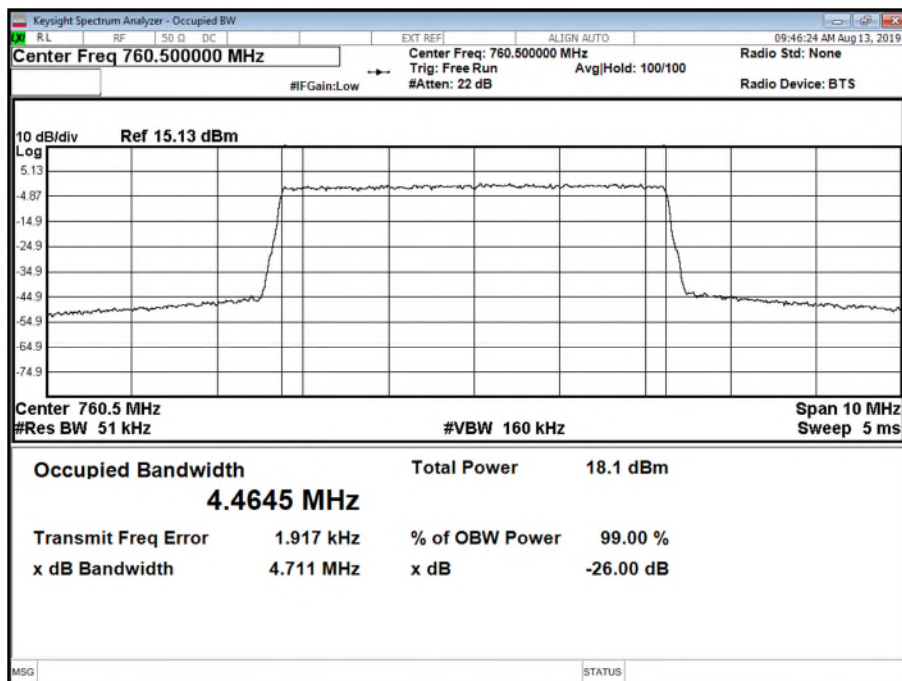


Product Service

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



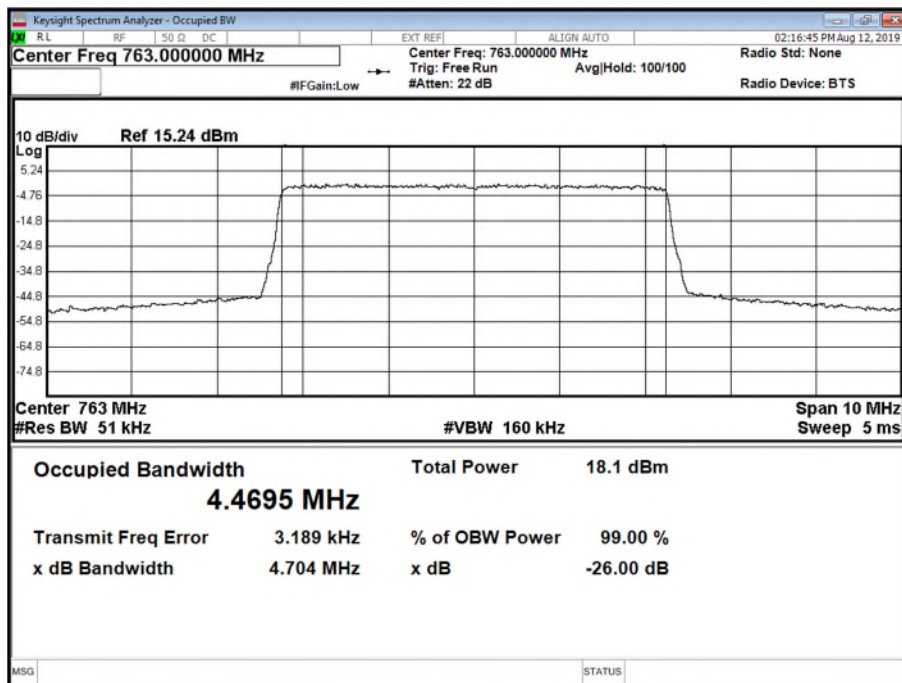
Antenna B - LTE Modulation QPSK - LTE Carrier Bandwidth 5.0 MHz - Channel Position B



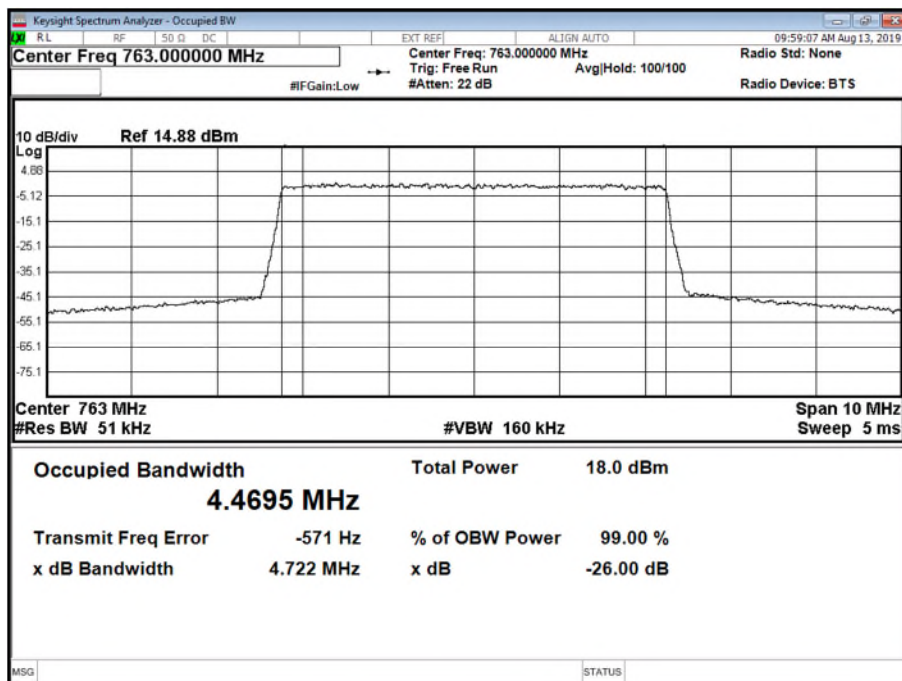


Product Service

Antenna A - LTE Modulation QPSK - LTE Carrier Bandwidth 5.0 MHz - Channel Position M



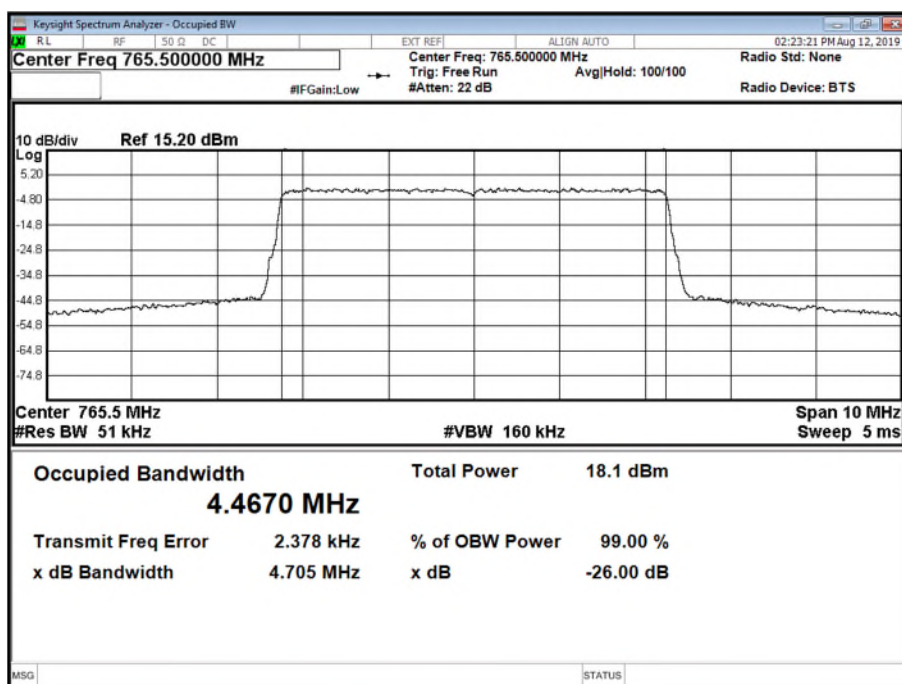
Antenna B - LTE Modulation QPSK - LTE Carrier Bandwidth 5.0 MHz - Channel Position M



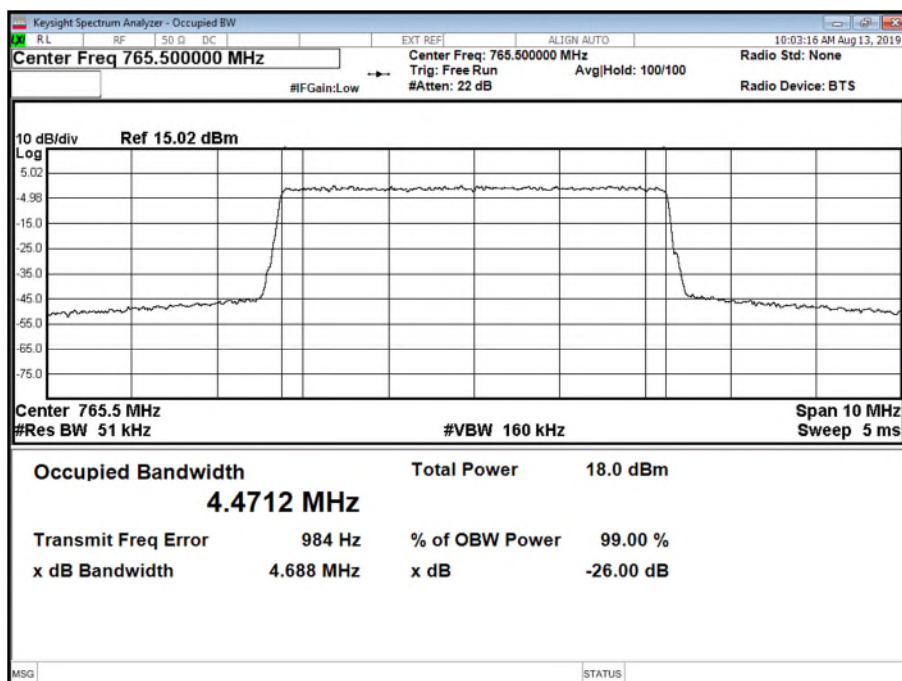


Product Service

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



Antenna B - LTE Modulation QPSK - LTE Carrier Bandwidth 5.0 MHz - Channel Position T

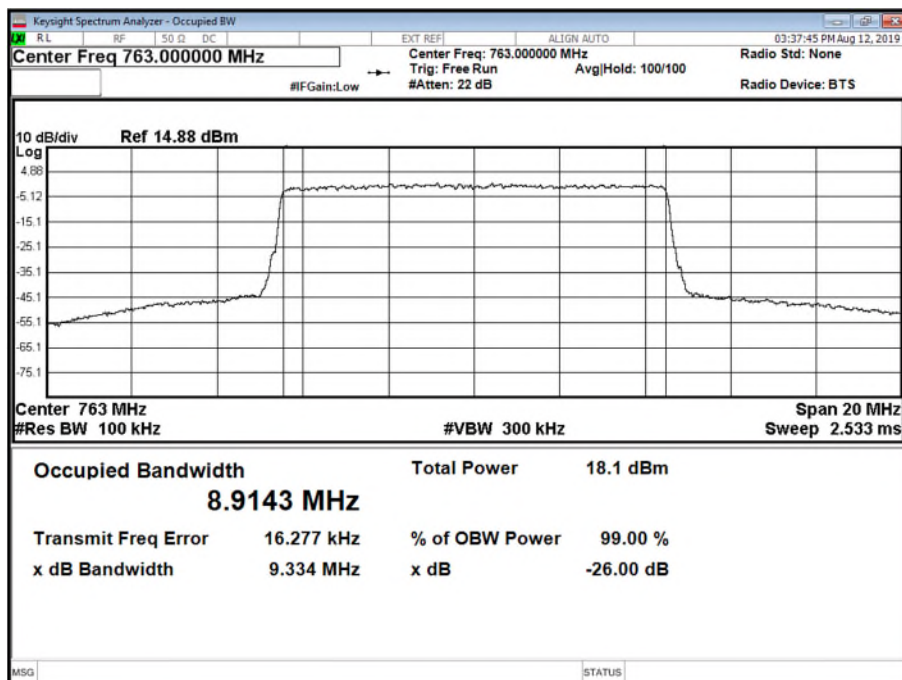


Antenna A - LTE Modulation QPSK - LTE Carrier Bandwidth 10.0 MHz - Channel Position B

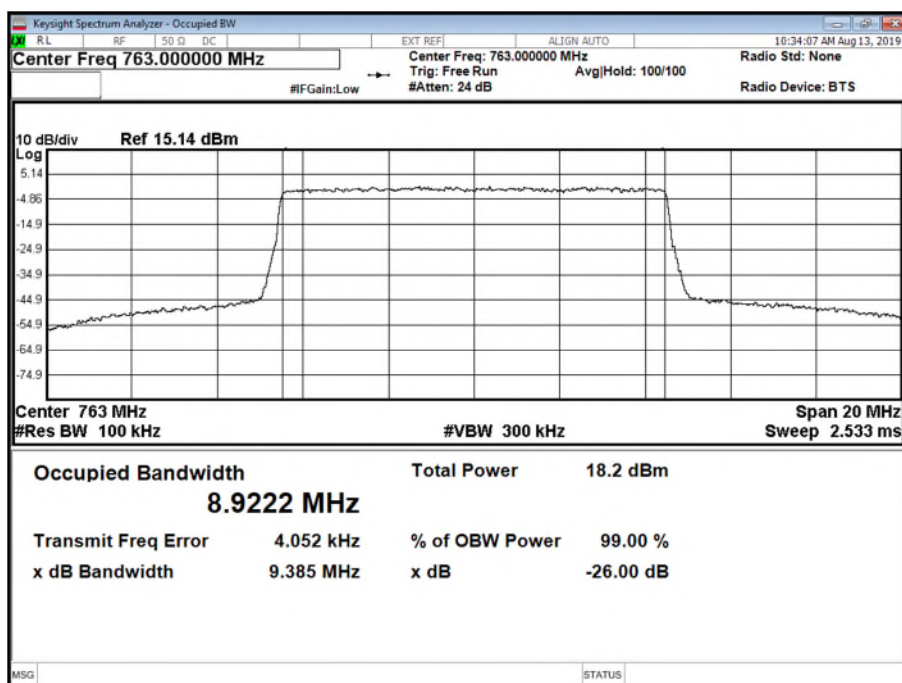


Product Service

Antenna A - LTE Modulation QPSK - LTE Carrier Bandwidth 10.0 MHz - Channel Position M



Antenna B - LTE Modulation QPSK - LTE Carrier Bandwidth 10.0 MHz - Channel Position M





Product Service

2.3 BAND EDGE

2.3.1 Specification Reference

FCC CFR 47 Part 2, Clause 2.1051
FCC CFR 47 Part 90

2.3.2 Date of Test and Modification State

13 August 2019 - 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 20 – 23 °C
Relative Humidity 45 – 55 %

2.3.5 Test Method

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

The EUT has 2 transmit ports, therefore, the test limits used were calculated on a worst case basis accounting for an effective 2 port MIMO configuration.

Testing was performed on this port with a test limit of
 $43 + 10\log(P) - 10\log(2) = -16$ dBm

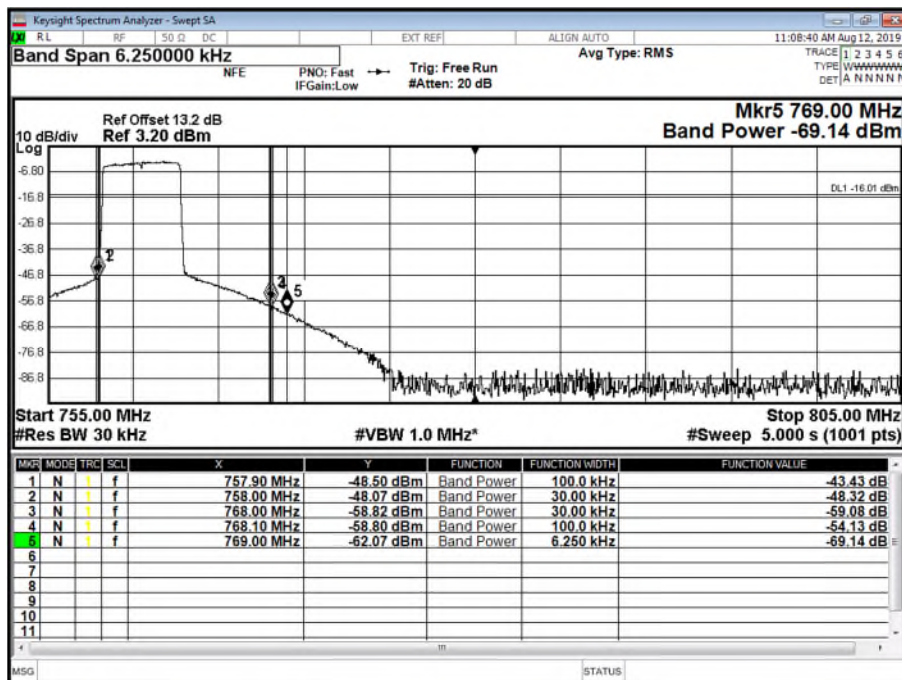
2.3.6 Test Results

Configuration A

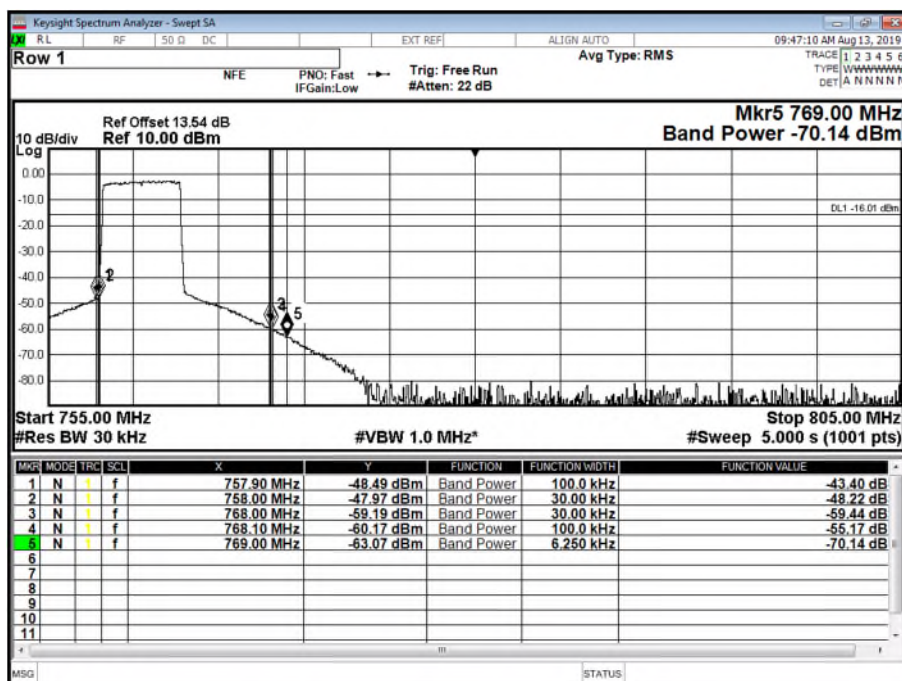
Maximum Output Power 17 dBm

Antenna	LTE Modulation	LTE Carrier Bandwidth	Band Edge (MHz)	
			Channel Position B	Channel Position T
A	QPSK	5.0 MHz	760.5	765.5
B	QPSK	5.0 MHz	760.5	765.5
A	QPSK	10.0 MHz	763.0	
B	QPSK	10.0 MHz	763.0	

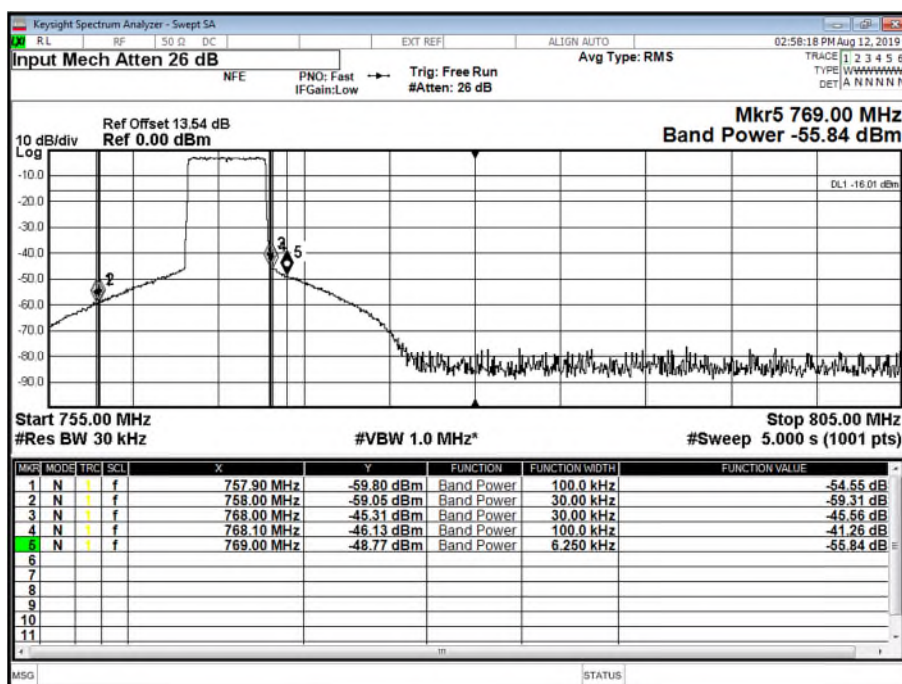
Antenna A - LTE Modulation QPSK - LTE Carrier Bandwidth 5.0 MHz - Channel Position B



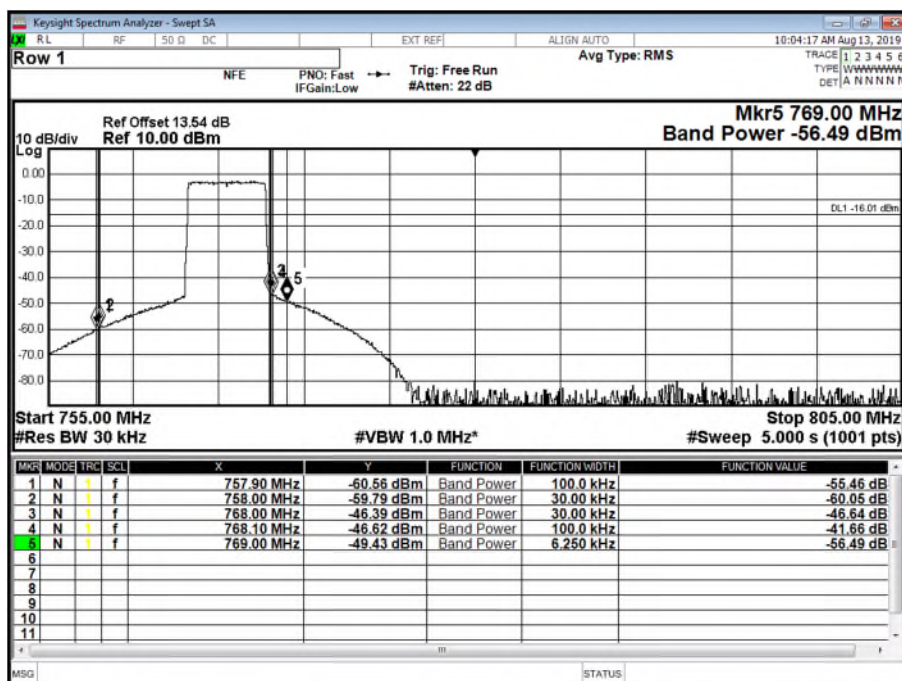
Antenna B - LTE Modulation QPSK - LTE Carrier Bandwidth 5.0 MHz - Channel Position B



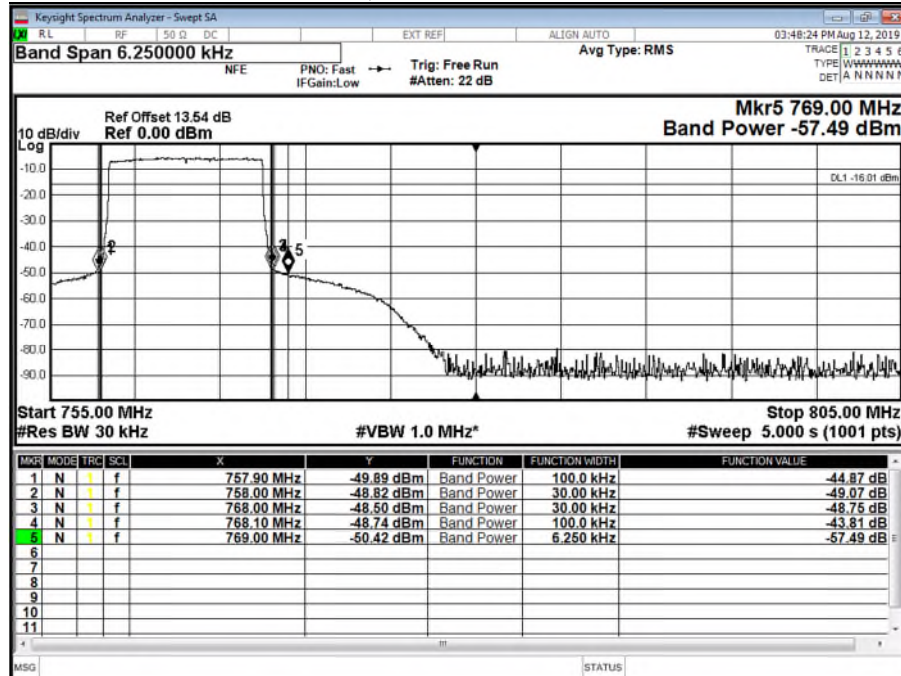
Antenna A - LTE Modulation QPSK - LTE Carrier Bandwidth 5.0 MHz - Channel Position T



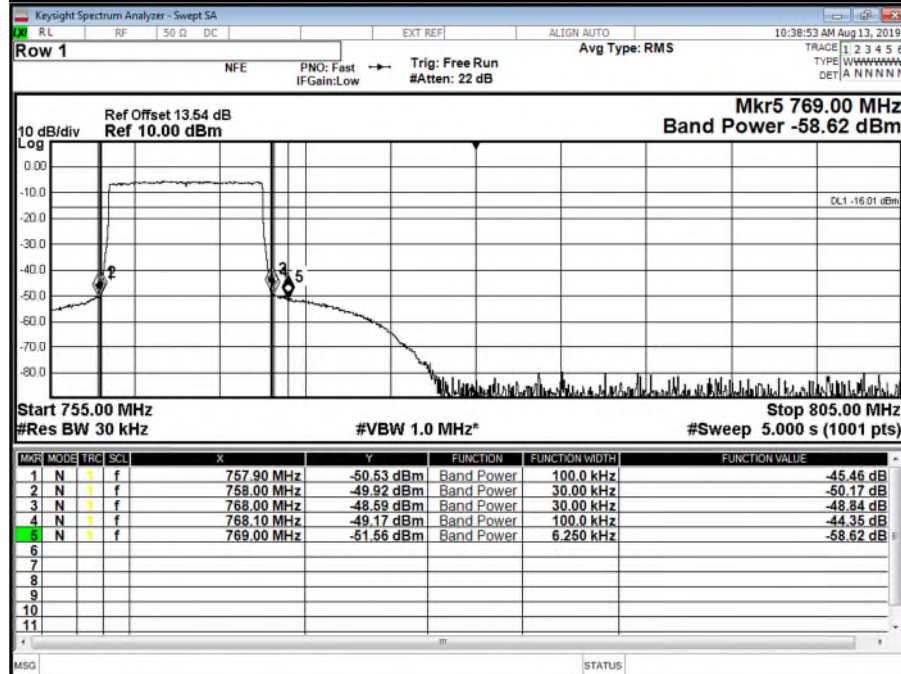
Antenna B - LTE Modulation QPSK - LTE Carrier Bandwidth 5.0 MHz - Channel Position T



Antenna A - LTE Modulation QPSK - LTE Carrier Bandwidth 10.0 MHz - Channel Position M



Antenna B - LTE Modulation QPSK - LTE Carrier Bandwidth 10.0 MHz - Channel Position M

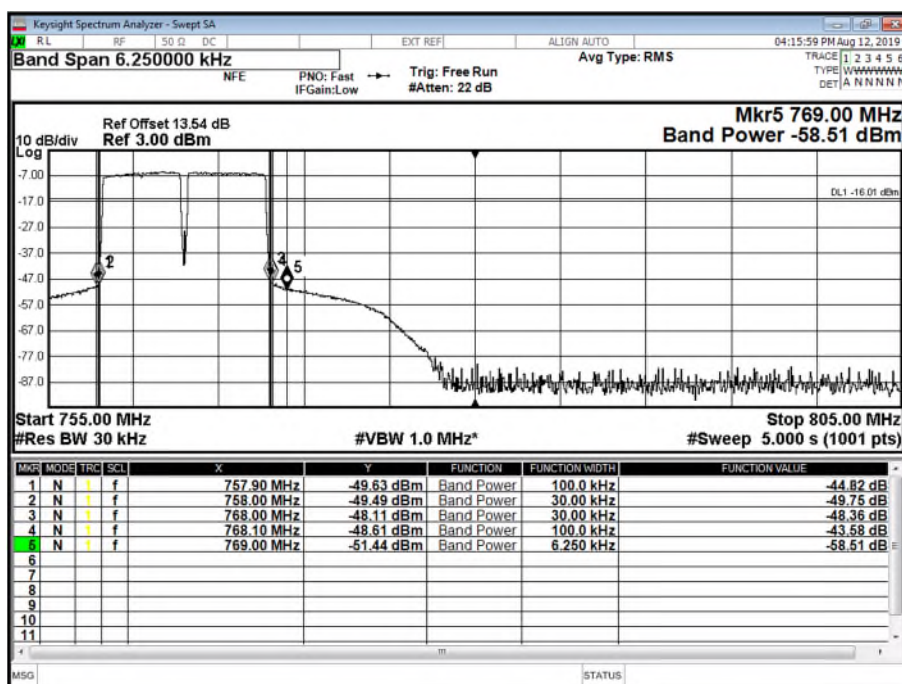


Configuration B

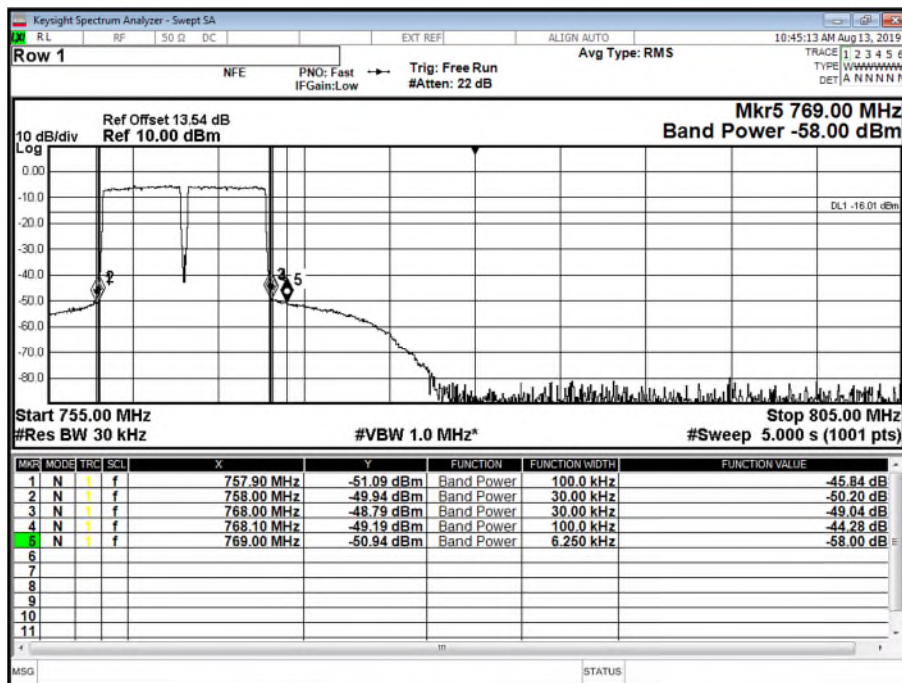
Maximum Output Power 14 dBm

Antenna	LTE Modulation	LTE Carrier Bandwidth	Band Edge (MHz) Channel Position M
A	QPSK	5.0 MHz	760.5 + 765.5
B	QPSK	5.0 MHz	760.5 + 765.5

Antenna A - LTE Modulation QPSK - LTE Carrier Bandwidth 5.0 MHz - Channel Position M



Antenna B - LTE Modulation QPSK - LTE Carrier Bandwidth 5.0 MHz - Channel Position M



Limit	-16 dBm (plus limits with specific bandwidths at specific frequencies as reported above)
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Product Service

2.4 TRANSMITTER SPURIOUS EMISSIONS

2.4.1 Specification Reference

FCC CFR 47 Part 2, Clause 2.1051
FCC CFR 47 Part 90,

2.4.2 Date of Test and Modification State

13 August 2019 - 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	20 – 23 °C
Relative Humidity	45 – 55 %

2.4.5 Test Method

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

The EUT has 2 transmit ports, therefore, the test limits used were calculated on a worst case basis accounting for an effective 2 port MIMO configuration.

Testing was performed on this port with a test limit of
 $43 + 10\log(P) - 10\log(2) = -16$ dBm.

2.4.6 Test Results

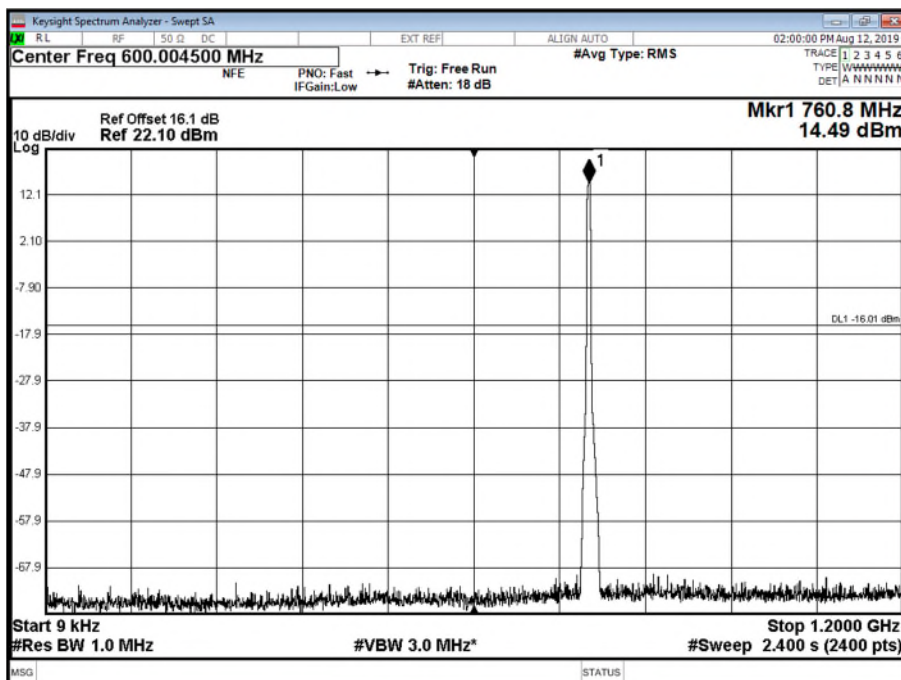
Configuration A

Maximum Output Power 17 dBm

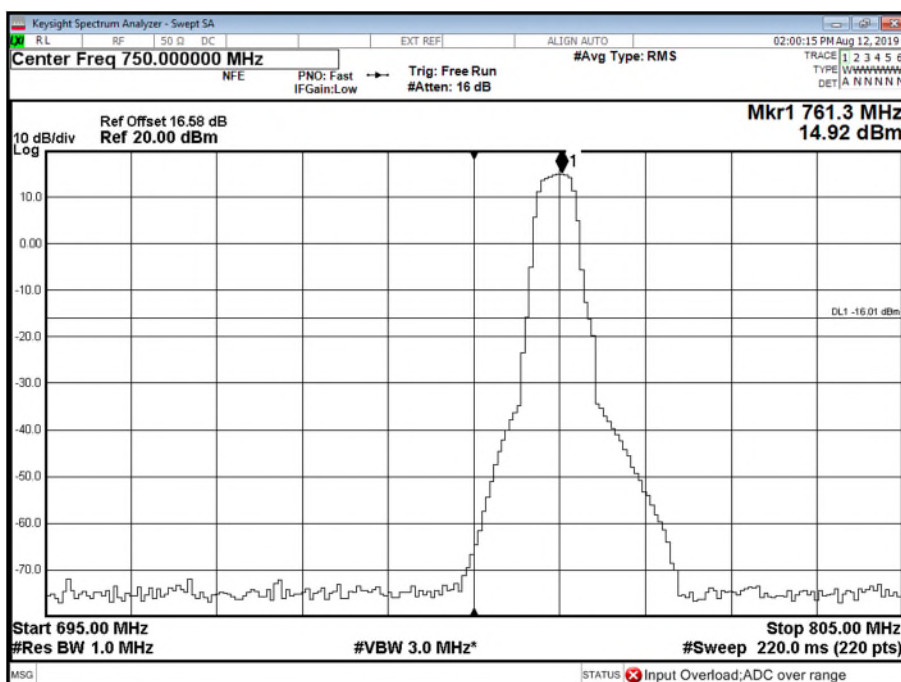


Product Service

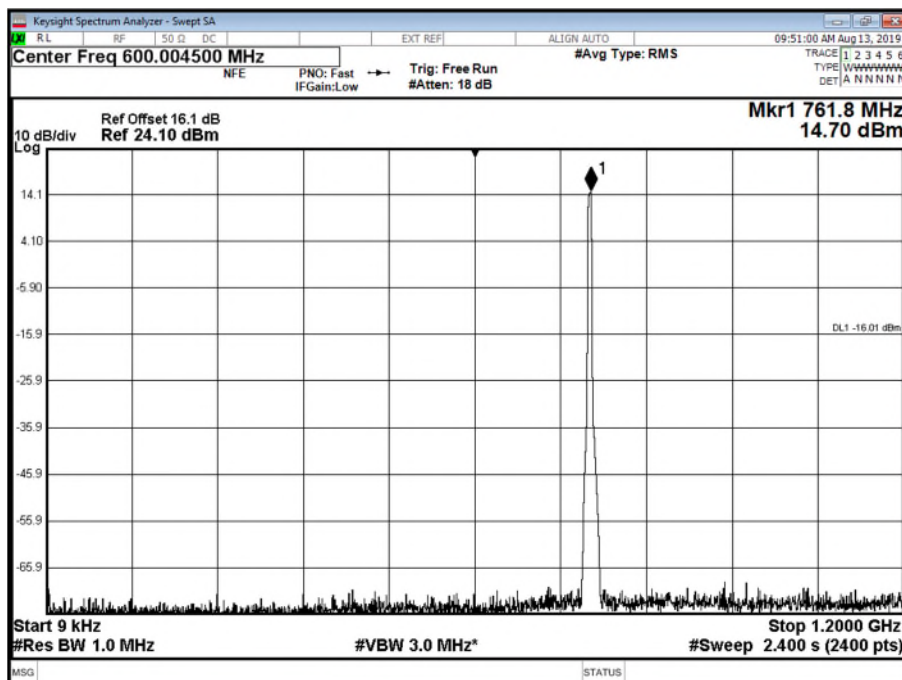
Antenna A - LTE Modulation QPSK - LTE Carrier Bandwidth 5.0 MHz - Channel Position B - Band 1 - Range 0.009 to 1200 MHz



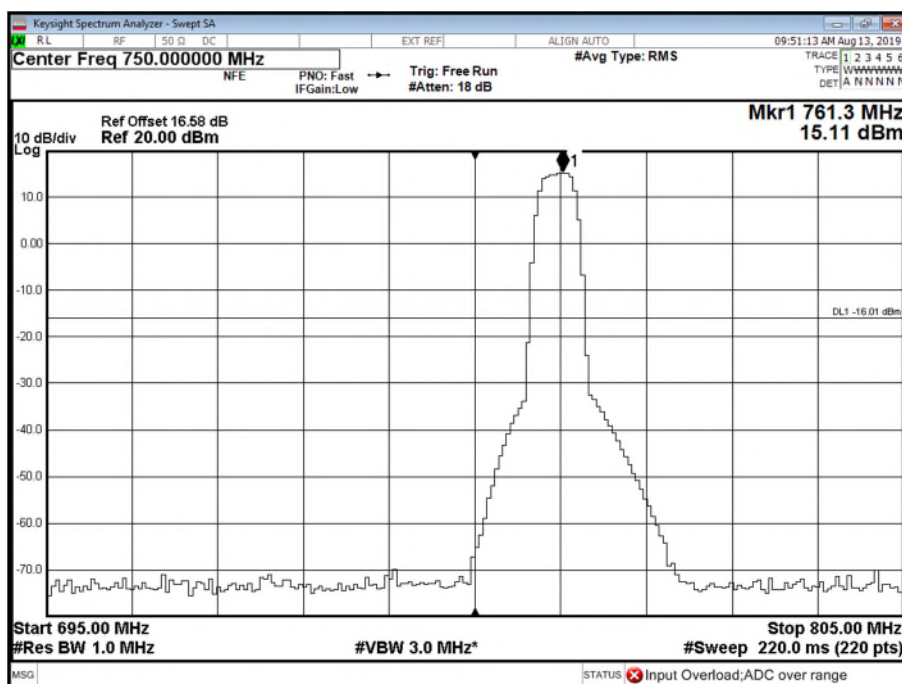
Antenna A - LTE Modulation QPSK - LTE Carrier Bandwidth 5.0 MHz - Channel Position B - Band 2 - Range 695 to 805 MHz



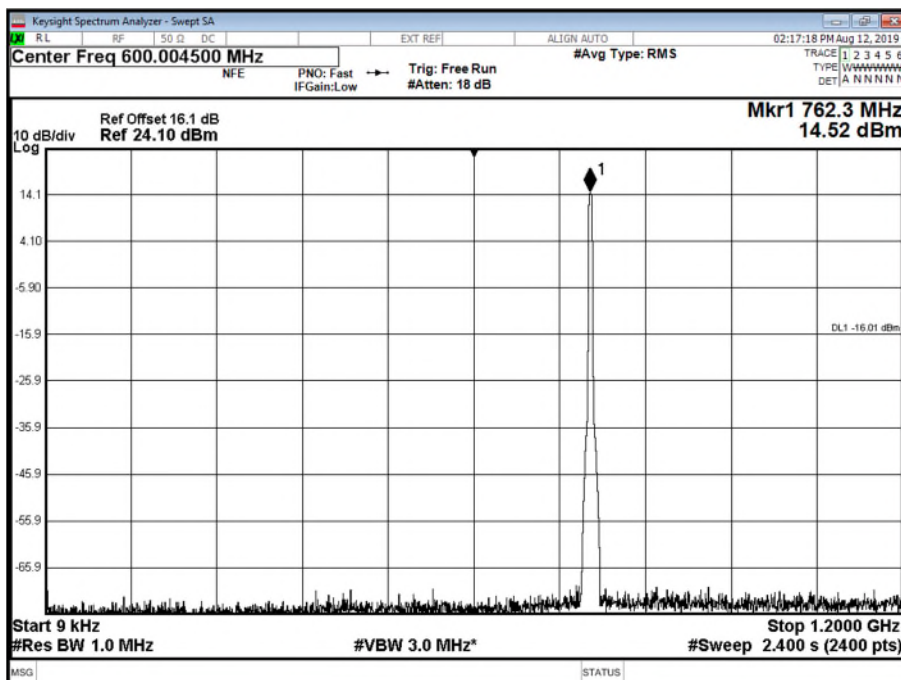
Antenna B - LTE Modulation QPSK - LTE Carrier Bandwidth 5.0 MHz - Channel Position B - Band 1 - Range 0.009 to 1200 MHz



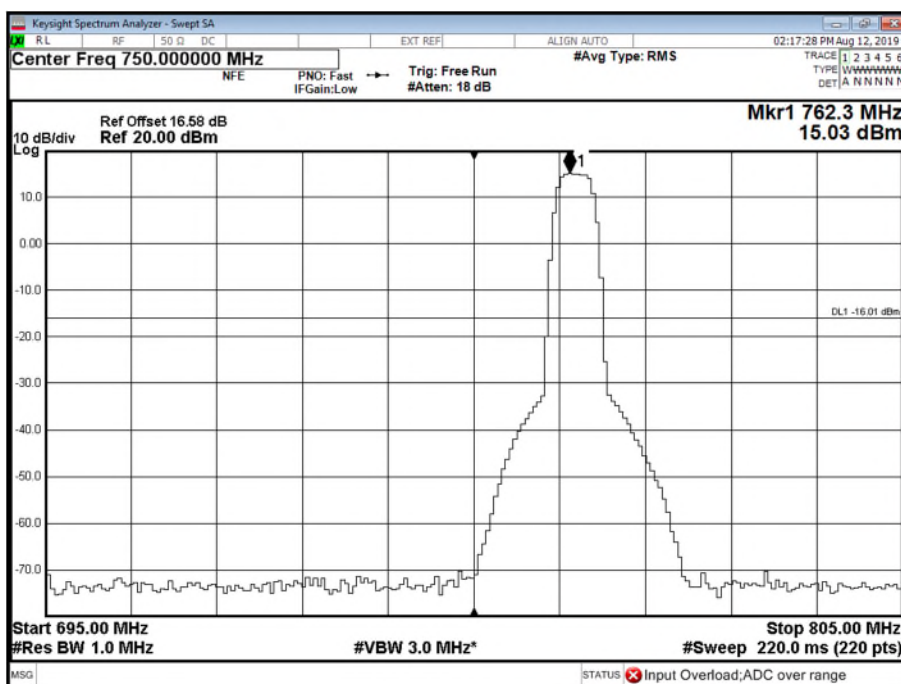
Antenna B - LTE Modulation QPSK - LTE Carrier Bandwidth 5.0 MHz - Channel Position B - Band 2 - Range 695 to 805 MHz



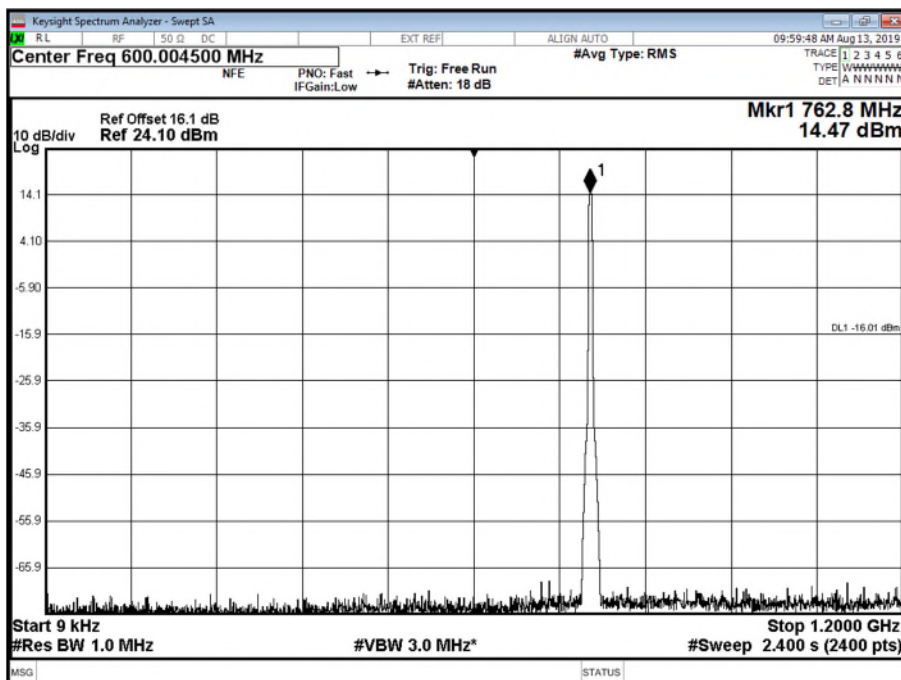
Antenna A - LTE Modulation QPSK - LTE Carrier Bandwidth 5.0 MHz - Channel Position M - Band 1 - Range 0.009 to 1200 MHz



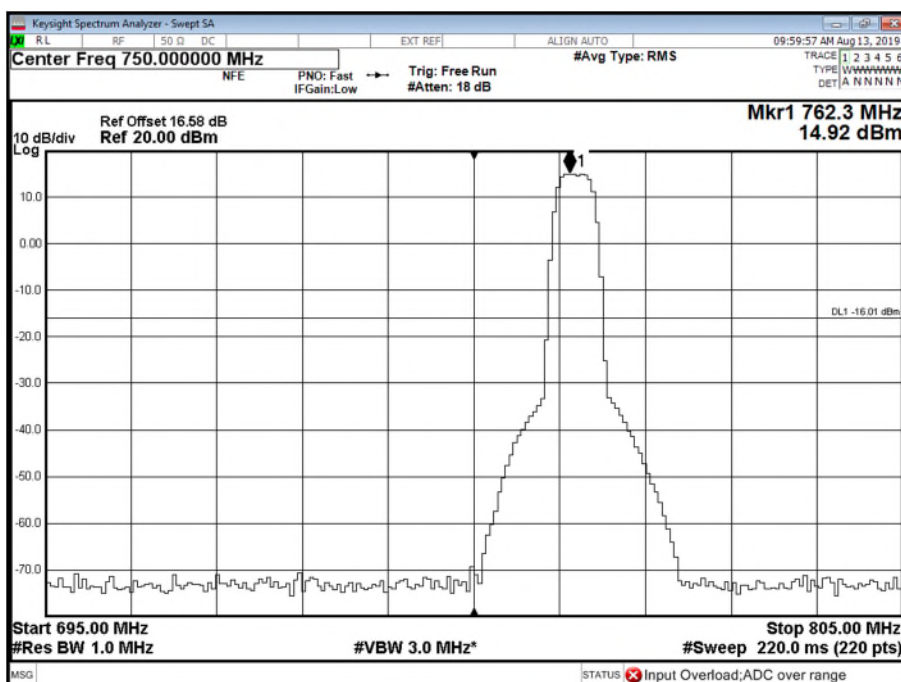
Antenna A - LTE Modulation QPSK - LTE Carrier Bandwidth 5.0 MHz - Channel Position M - Band 2 - Range 695 to 805 MHz



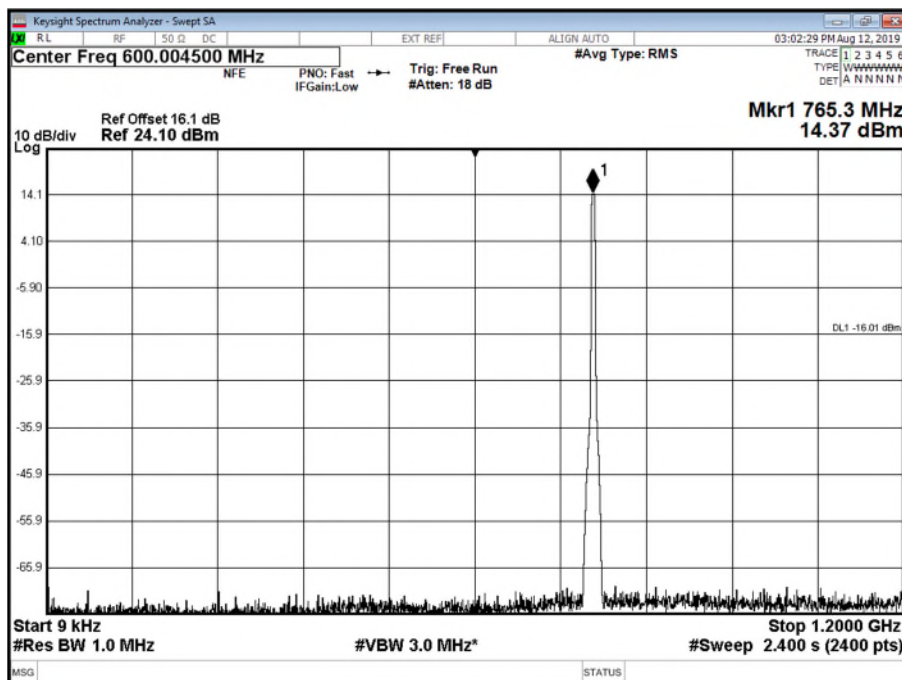
Antenna B - LTE Modulation QPSK - LTE Carrier Bandwidth 5.0 MHz - Channel Position M - Band 1 - Range 0.009 to 1200 MHz



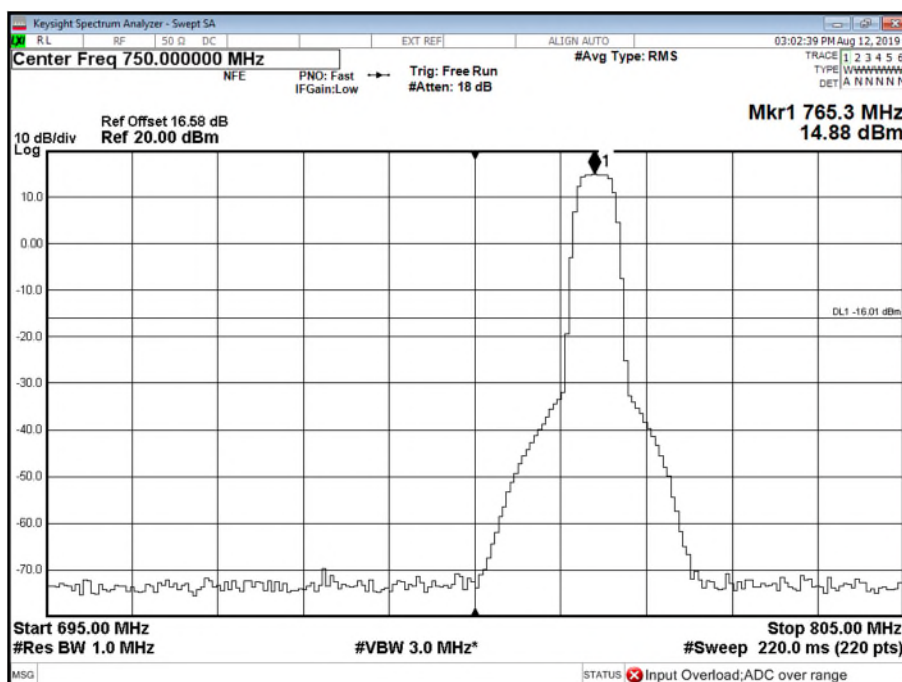
Antenna B - LTE Modulation QPSK - LTE Carrier Bandwidth 5.0 MHz - Channel Position M - Band 2 - Range 695 to 805 MHz



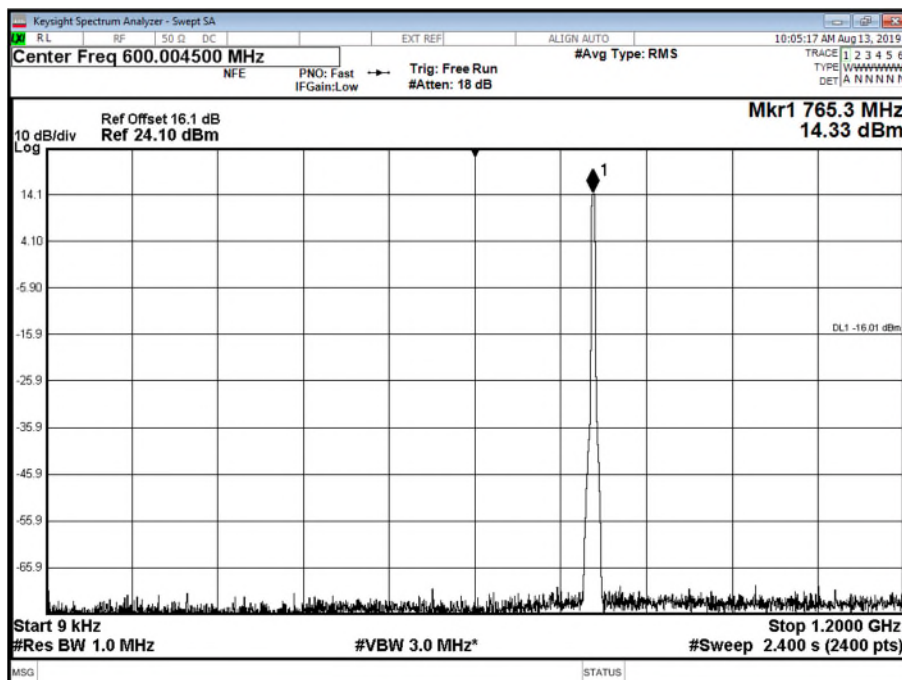
Antenna A - LTE Modulation QPSK - LTE Carrier Bandwidth 5.0 MHz - Channel Position T - Band 1 - Range 0.009 to 1200 MHz



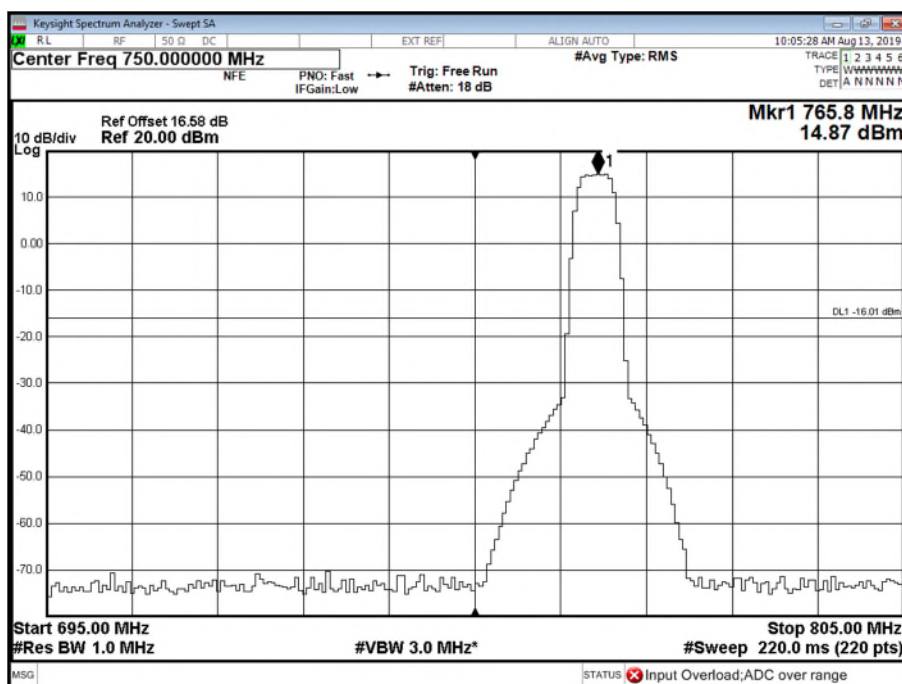
Antenna A - LTE Modulation QPSK - LTE Carrier Bandwidth 5.0 MHz - Channel Position T - Band 2 - Range 695 to 805 MHz



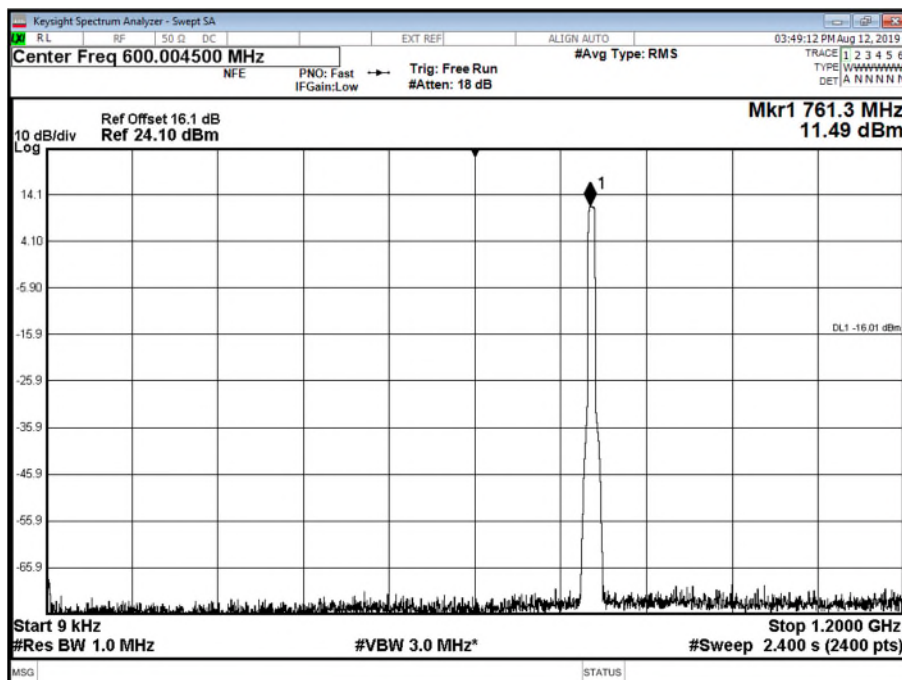
Antenna B - LTE Modulation QPSK - LTE Carrier Bandwidth 5.0 MHz - Channel Position T - Band 1 - Range 0.009 to 1200 MHz



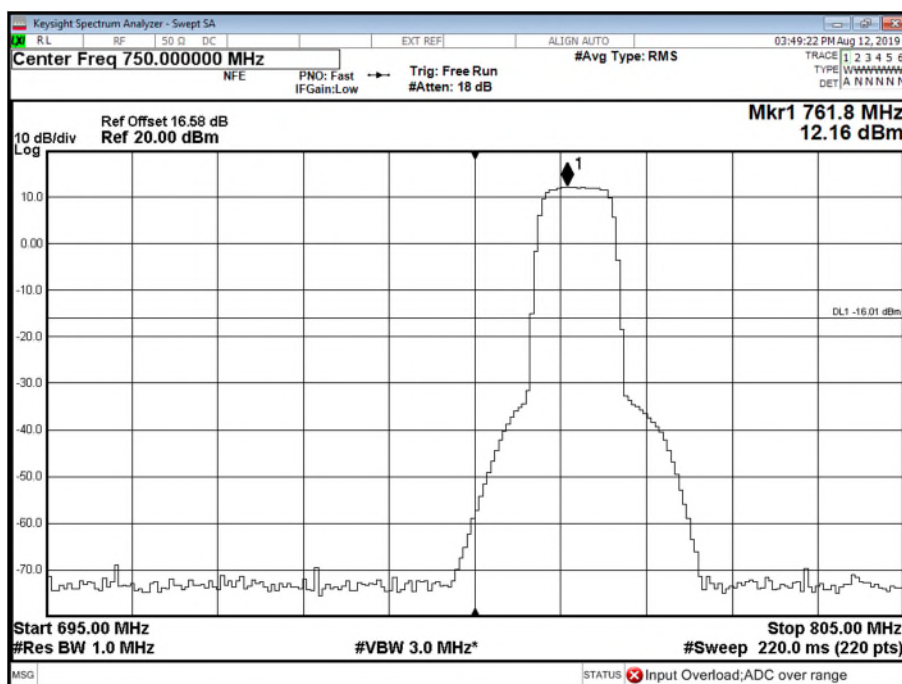
Antenna B - LTE Modulation QPSK - LTE Carrier Bandwidth 5.0 MHz - Channel Position T - Band 2 - Range 695 to 805 MHz



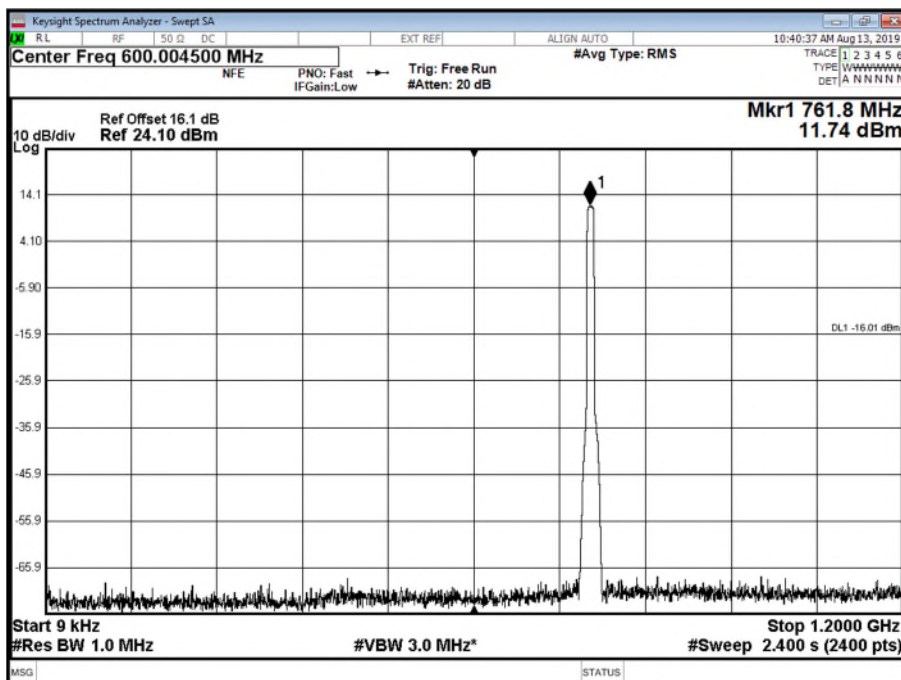
Antenna A - LTE Modulation QPSK - LTE Carrier Bandwidth 10.0 MHz - Channel Position M - Band 1 - Range 0.009 to 1200 MHz



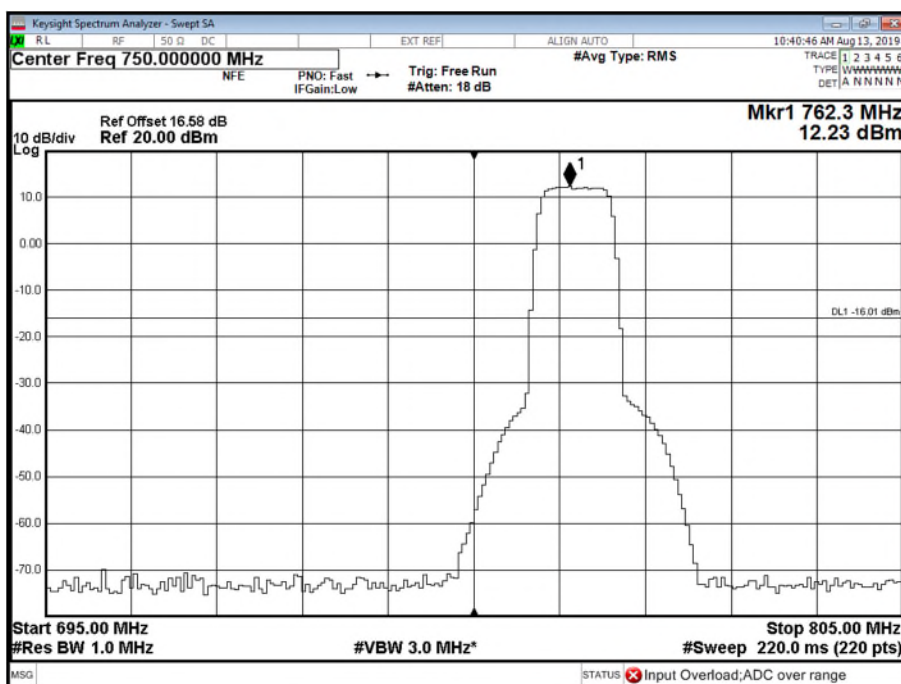
Antenna A - LTE Modulation QPSK - LTE Carrier Bandwidth 10.0 MHz - Channel Position M - Band 2 - Range 695 to 805 MHz



Antenna B - LTE Modulation QPSK - LTE Carrier Bandwidth 10.0 MHz - Channel Position M - Band 1 - Range 0.009 to 1200 MHz



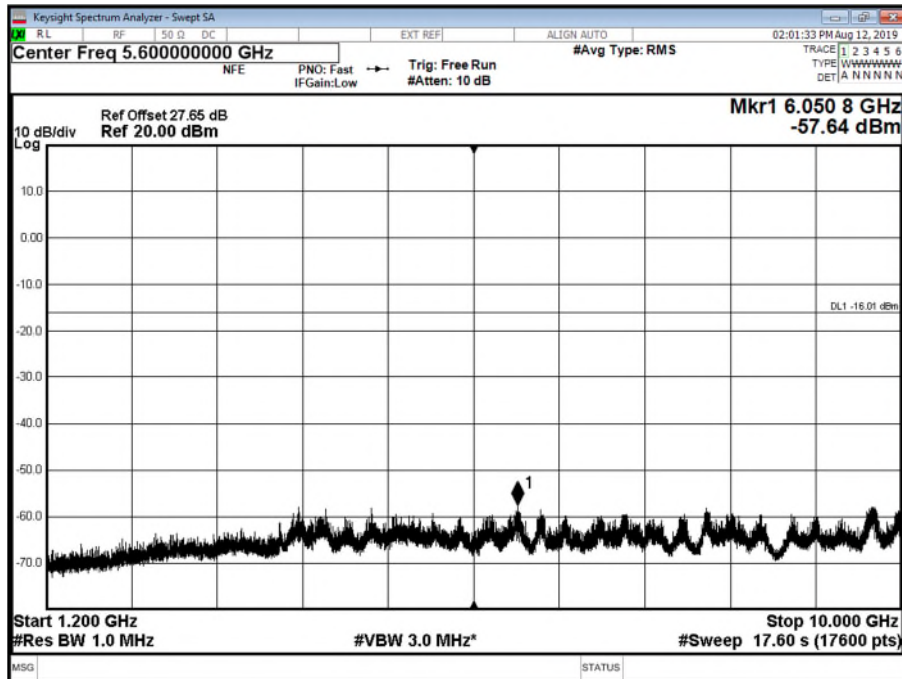
Antenna B - LTE Modulation QPSK - LTE Carrier Bandwidth 10.0 MHz - Channel Position M - Band 2 - Range 695 to 805 MHz





Product Service

Worst case Antenna B - LTE Modulation QPSK - LTE Carrier Bandwidth 10.0 MHz - Channel Position M - Band 3 - Range 1.2 GHz to 10 GHz



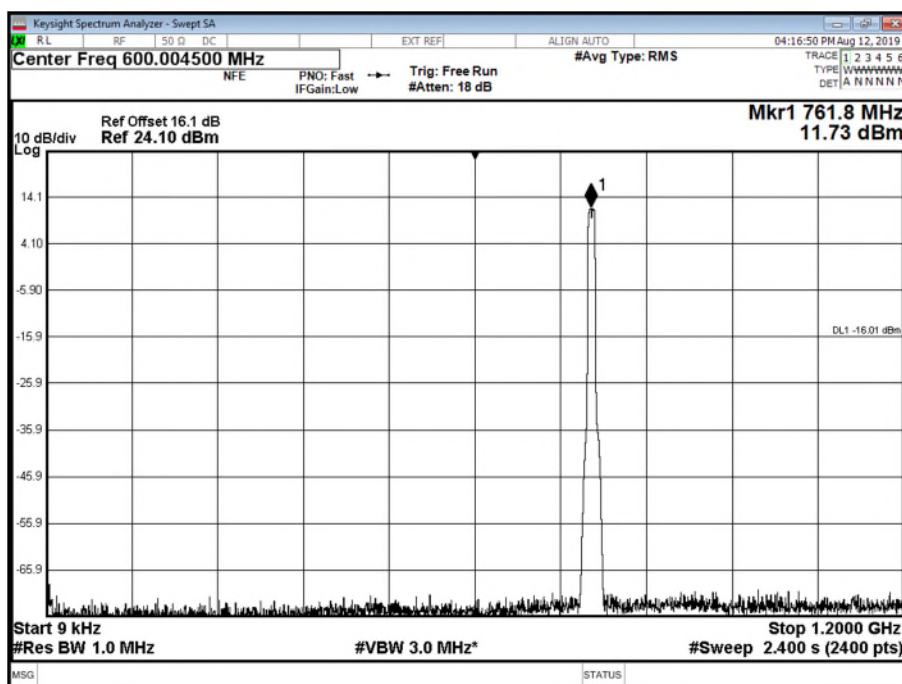


Product Service

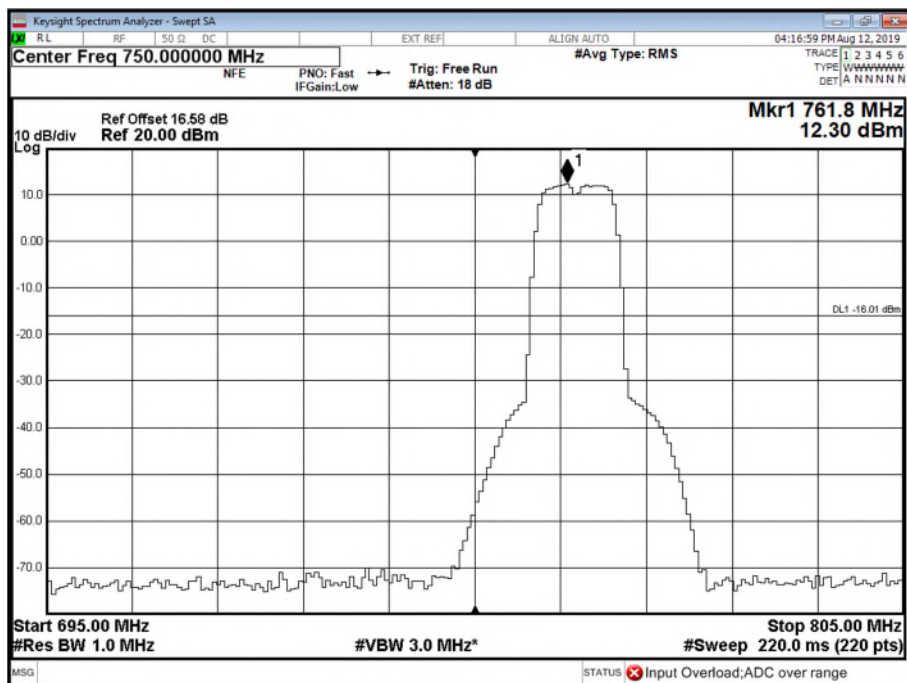
Configuration B

Maximum Output Power 14 dBm

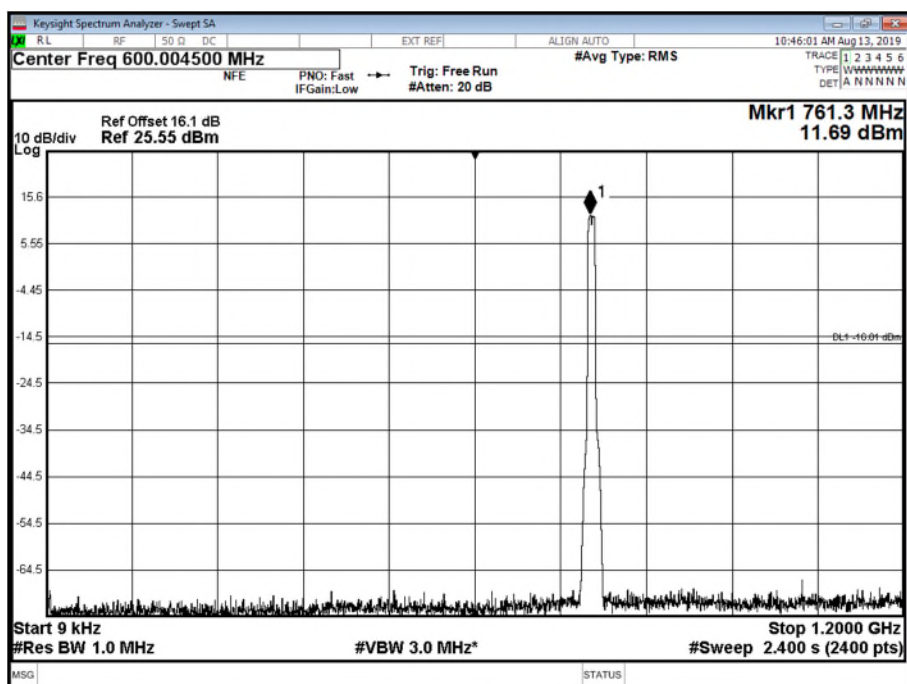
Antenna A - LTE Modulation QPSK - LTE Carrier Bandwidth 10.0 MHz - Channel Position M - Band 1 - Range 0.009 to 1200 MHz



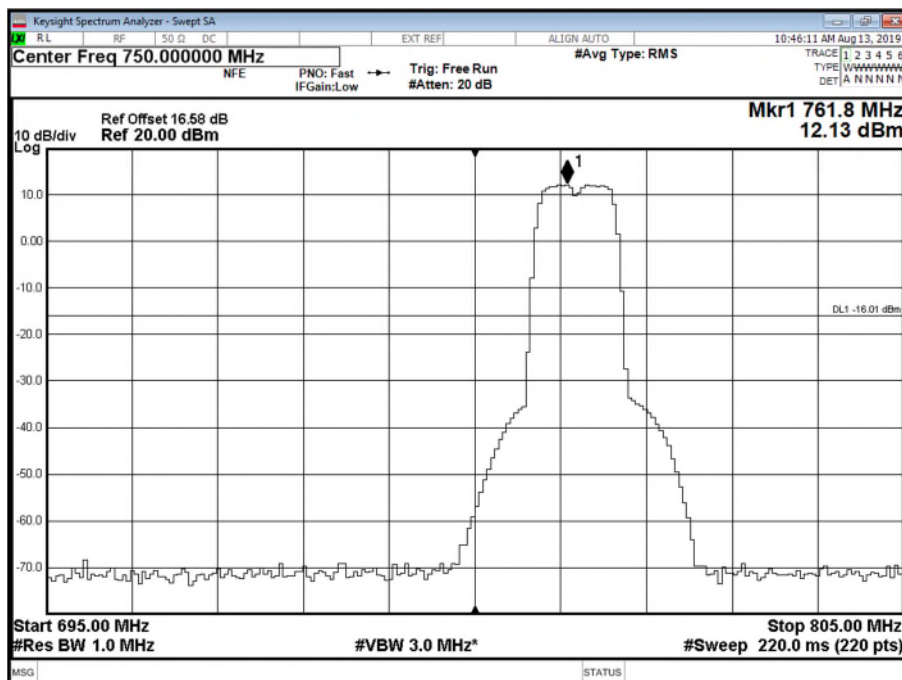
Antenna A - LTE Modulation QPSK - LTE Carrier Bandwidth 10.0 MHz - Channel Position M - Band 2 - Range 695 to 805 MHz



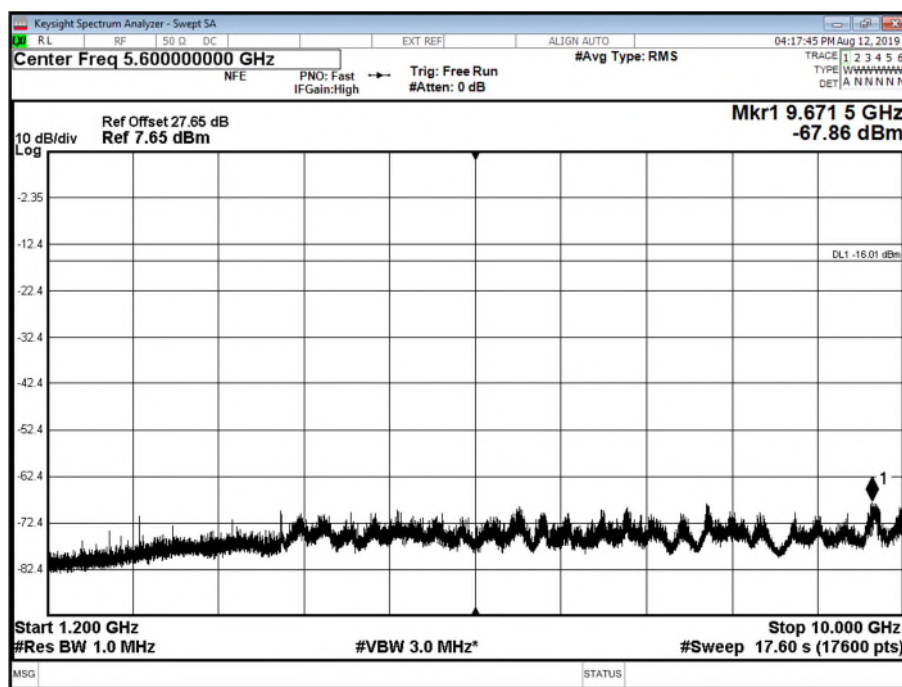
Antenna B - LTE Modulation QPSK - LTE Carrier Bandwidth 5.0 MHz - Channel Position M - Band 1 - Range 0.009 to 1200 MHz



Antenna B - LTE Modulation QPSK - LTE Carrier Bandwidth 10.0 MHz - Channel Position M - Band 2 - Range 695 to 805 MHz



Antenna B (worst case) - LTE Modulation QPSK - LTE Carrier Bandwidth 10.0 MHz - Channel Position M - Band 3 - Range 1.2 to 10 GHz



Limit	-16dBm
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Product Service

2.5 FREQUENCY STABILITY

2.5.1 Specification Reference

FCC CFR 47 Part 2, Clause 2.1055
FCC CFR 47 Part 90

2.5.2 Date of Test and Modification State

14 August 2019

2.5.3 Test Equipment Used

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

2.5.4 Environmental Conditions

Ambient Temperature 20 – 23 °C
Relative Humidity 45 – 55 %

2.5.5 Test Method

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

2.5.6 Test Results

Configuration A

Maximum Output Power 17 dBm

Temperature	Voltage	Frequency Error (Hz)
		Channel Position M
-30°C	-48.0 V DC	N/A (Off)
-20°C	-48.0 V DC	N/A (Off)
-10°C	-48.0 V DC	2.260757923 to -2.897558928
0°C	-48.0 V DC	3.710628748 to -4.84386158
+10°C	-48.0 V DC	2.890036583 to -5.693588257
+20°C	-40.5 V DC	3.438455582 to -3.983783722
+20°C	-48.0 V DC	3.438455582 to -3.983783722
+20°C	-57.5 V DC	3.438455582 to -3.983783722
+30°C	-48.0 V DC	4.027443886 to -4.684378147
+40°C	-48.0 V DC	3.562240601 to -3.640276909
+50°C	-48.0 V DC	2.744354963 to -2.148677826

Limit	±1.5 ppm or ±1.137 kHz
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Product Service

SECTION 3

TEST EQUIPMENT USED



Product Service

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 Analyser	Keysight	PXA N9030A	MY55410202	12	13-Sep-19
Signal Generator	R & S	SMB 100A	SSG013949	12	01-Apr-20
Digital MultiMeter	Fluke	115	SSG013271	12	10-Sep-19
Temperature / Humidity Meter	Omega	OM-CP-PRHTEMP2000	P44878	12	22-Oct-19
PSU	Xantrex	XKW60-50	E00109862		O/P Mon
Attenuator (10dB)	Mini-Circuits	BW-K10-2W44+	-		O/P Mon
RF Switch Unit	Ericsson	RARFSW 4x1	1		O/P Mon
Switching Control Unit	Hewlett Packard	11713A	3748A060876		O/P Mon

N/A – Not Applicable

O/P Mon – Output Monitored with Calibrated Equipment



Product Service

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



Product Service

SECTION 5

ACCREDITATION, DISCLAIMERS AND COPYRIGHT



Product Service

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.

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ANNEX A

MODULE LIST

Configuration			
Product	Product No	R-State	Serial No
CT11	LPC102494/1	R2A	T01G495060
IRU 2242	KRC 161 444/2	R2A	C829960688
RD 2243 B14	KRY 901 451/1	R1B	TD3T789675
Software Version:	CXP9013268/14	Revision:	R71HG