



Product Service

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Report On

FCC Testing of the
Ericsson Remote Radio Unit LTE KRC 161 592/1 and KRC 161 592/2,
Radio 2217 B26D (869-880 MHz), in a Base Station configuration in
accordance with FCC CFR 47 Part 2 and FCC CFR 47 Part 22

COMMERCIAL-IN-CONFIDENCE

FCC ID: TA8AKRC161592

PREPARED BY

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APPROVED BY

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Authorised Signatory

DATED

28 September 2017

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Product Service

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SECTION 1

REPORT INFORMATION



Product Service

1.1 REPORT DETAILS

The information contained in this report is intended to show verification of the Ericsson Radio 2217 B26D KRC 161 592/1 and KRC 161 592/2 to the requirements of FCC CFR 47 Part 22.

Testing was carried out in support of an application for Grant of Radio 2217 B26D KRC 161 592/1 and KRC 161 592/2 in LTE mode.

| | |
|-------------------------------|---|
| Manufacturer | Ericsson AB |
| Address | Isafjordsgatan 10 SE-164 80 Stockholm 16480 Sweden |
| Product Name | Radio 2217 B26D |
| Product Number | KRC 161 592/1 |
| Serial Number(s) | SD825975510 |
| Software Version | CXP 901 7316/2 R67GK |
| Hardware Version | R1E |
| Non-Test Variant | KRC 161 592/2 |
| Test Specification/Issue/Date | FCC CFR 47 Part 2: 2016 FCC CFR 47 Part 22: 2016 |
| Start of Test | 06 September 2017 |
| Finish of Test | 27 September 2017 |
| Name of Engineer(s) | Mohamed Toubella Jack Tuckwell |
| Related Document(s) | KDB 971168 D01 v02r02 KDB 662911 D01 v02r01 |



Product Service

1.2 BRIEF SUMMARY OF RESULTS

A brief summary of results for each configuration, in accordance with FCC CFR 47 Part 2 and , FCC CFR 47 Part 22 is shown below.

| Section | Specification Clause | | Test Description | Result |
|---------|----------------------|--------------------|---|------------------|
| | FCC CFR 47 Part 2 | FCC CFR 47 Part 22 | | |
| 2.1 | 2.1046 | 22.913 (a) | Maximum Peak Output Power and Peak to Average Ratio - Conducted | Pass |
| - | - | 22.913 (a) | Effective Radiated Power (ERP) | N/A ¹ |
| 2.2 | 2.1049 | 22.917 (b) | Occupied Bandwidth | Pass |
| 2.3 | 2.1051 | 22.917 | Band Edge | Pass |
| 2.4 | 2.1053 | 22.917 | Radiated Spurious Emissions | Pass |
| 2.5 | 2.1051 | 22.917 | Transmitter Spurious Emissions | Pass |
| 2.6 | 2.1055 | 22.355 | Frequency Stability | Pass |
| - | - | 15.111 | Receiver Spurious Emissions | N/A ² |

N/A¹ – Not Applicable, due to no Integral Antenna.

N/A² – Not Applicable, as this is a transceiver.



Product Service

1.3 CONFIGURATION DESCRIPTION

| Test Configuration | Configuration Code | Carrier(s) | Configuration Description |
|--------------------|--------------------|------------|----------------------------|
| Config A | L-MIMO-SC | 1C | LTE MIMO, Single Carrier |
| Config B | L-MIMO-MC | 2C | LTE MIMO, Multi Carrier x2 |
| Config C | L-MIMO-MC1 | 3C | LTE MIMO, Multi Carrier x3 |

The Radio 2217 B26D KRC 161 592/1 and KRC 161 592/2 supports Test Models E-TM1.1, E-TM3.2 and E-TM3.1 at 800MHz defined in 3GPP TS 36.141. Test Model E-TM1.1 is used to represent QPSK modulation only, and Test Model E-TM3.2 is used to represent 16QAM modulation, and Test Model E-TM3.1 is used to represent 64QAM modulation. The product also supports ETM3.1a for 256QAM.

The settings below were deemed representative for all traffic scenarios when settings with different modulations, channel bandwidths, number for carriers and RF configurations has been tested to find the worst case setting. The setting below were used for all measurements if not otherwise noted:

LTE:

MIMO mode single carrier: E-TM1.1

MIMO mode multi carrier (x2): E-TM1.1

MIMO mode multi carrier (x3): E-TM1.1

The Maximum Output Power was tested on both TX/RX output connector RF A and RF B, all other TX measurements were performed on the combined TX/RX output connector RF A of the EUT as the representative ports.

The complete testing was performed with the EUT transmitting at maximum RF power Unless otherwise stated.



Product Service

1.4 DECLARATION OF BUILD STATUS

| | | | |
|--|---|-------------------|-------------|
| Manufacturing Description | Remote Radio Unit | | |
| Manufacturer | Ericsson AB | | |
| Product Name | Radio 2217 B26D | | |
| Product Number | KRC 161 592/1 KRC 161 592/2 | | |
| RU Name | Radio 2217 B26D | | |
| RU Number | KRC 161 592/1 KRC 161 592/2 | | |
| DU Name | NA | | |
| DU Number | NA | | |
| Band Number | B26D | | |
| RAT | LTE | | |
| Number of carriers | Maximum 3 carriers per port | | |
| Base station class | Wide Area | | |
| Maximum rated output power(s) | Maximum 46.0dBm (40W) per port for all modes except maximum 43.0dBm (20W) per carrier per port for LTE 1.4MHz | | |
| Duplex Mode | FDD | | |
| Frequency Band | B26D (800MHz) | | |
| Modulation type(s) | LTE: QPSK, 16QAM, 64QAM, 256QAM | | |
| Channel Bandwidth(s) | LTE: 1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz | | |
| Transmit diversity | Each transmitter path is declared to be equivalent | | |
| Receive diversity | Each receiver path is declared to be equivalent | | |
| MIMO | Each transmitter path is declared to be equivalent Each receiver path is declared to be equivalent | | |
| ITU designation or class of emission | LTE: 1M40F9W, 3M00F9W, 5M00F9W, 10M0F9W, 15M0F9W | | |
| Hardware Version | R1E | | |
| Software Version | CXP 901 7316/2 R67GK | | |
| FCC ID | TA8AKRC161592 | | |
| ISED Model Name | | | |
| Highest Internally Generated Frequency | 1030.1 MHz | | |
| Environment temperature range(s) | Minimum -40 °C | Maximum +55 °C | |
| AC Power source | Voltage Range(s) | | |
| | Minimum VAC | Nominal VAC | Maximum VAC |
| DC Power source | Yes | | |
| | Voltage Range(s) | | |
| | Minimum VDC | Nominal VDC | Maximum VDC |
| | -36.0 | -48 V | -58.5 V |
| Options | Type | | Model |

Signature

Date

D of B S Serial No

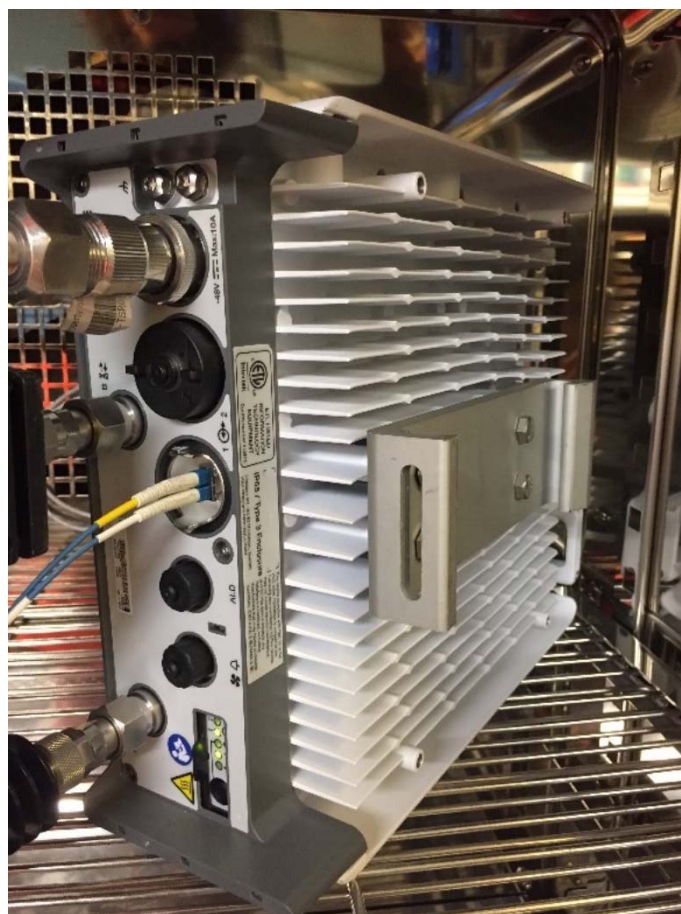
No responsibility will be accepted by TÜV SÜD Product Service UK Limited as to the accuracy of the information declared in this document by the manufacturer.

1.5 PRODUCT INFORMATION

1.5.1 Technical Description

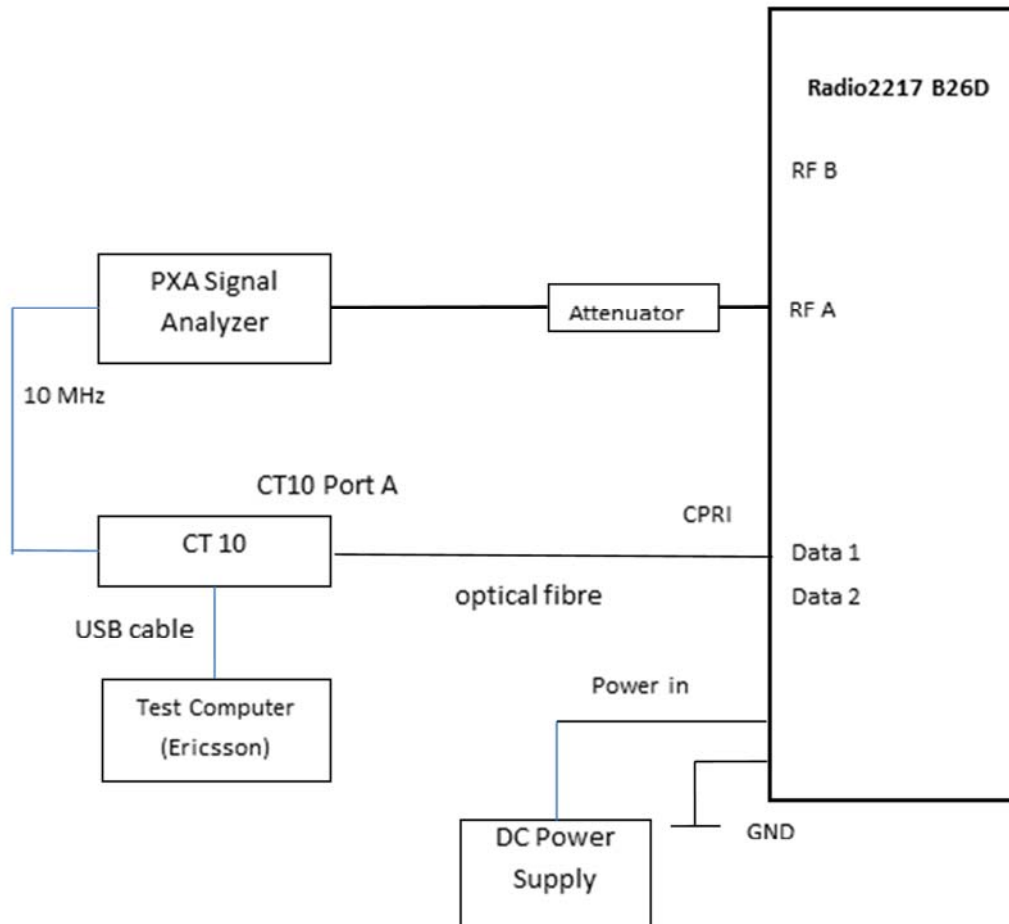
The Equipment Under Test (EUT) Radio 2217 B26D KRC 161 592/1 and KRC 161 592/2 is an Ericsson Remote Radio Unit working in the public mobile service 800MHz band which provides communication connections to 800MHz network. The Radio 2217 B26D KRC 161 592/1 and KRC 161 592/2 operates from a -48V DC supply.

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

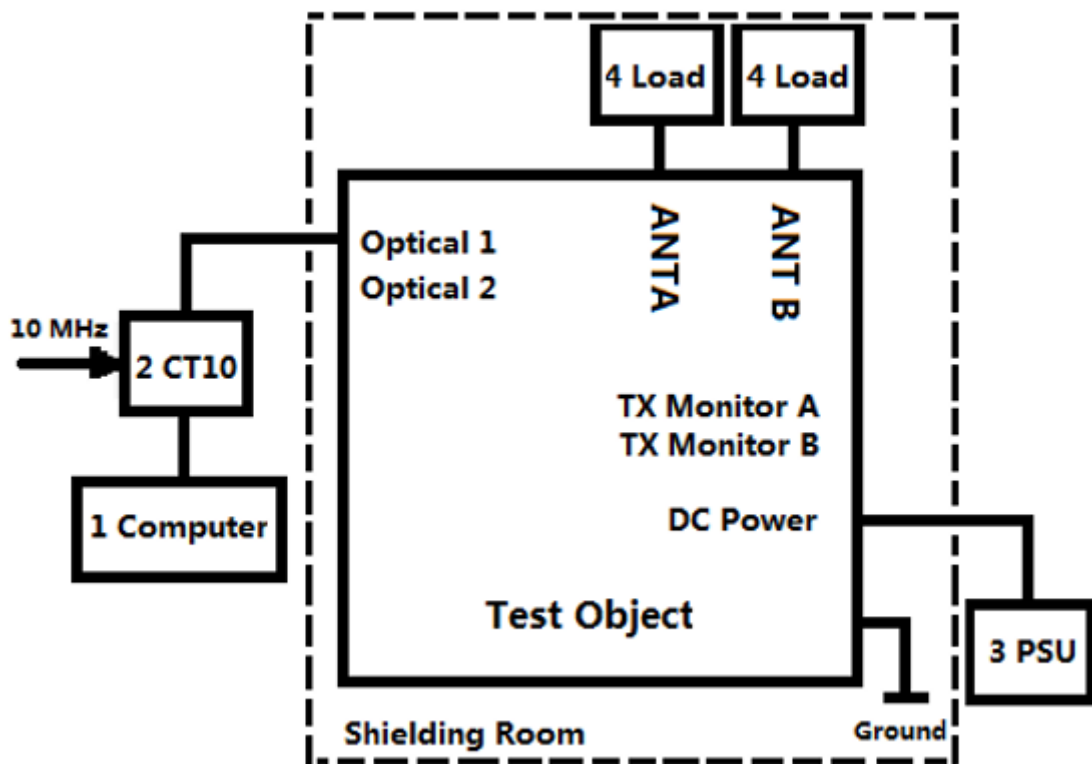


Equipment Under Test

1.6 TEST SETUP



Block diagram of Radio 2217 B26D with cables and auxiliary equipment for Conducted measurements.



Block diagram of Radio 2217 B26D with cables and auxiliary equipment for Radiated measurements.



Product Service

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 Registration Number
90987 Octagon House, Fareham Test Laboratory

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 group UKAS Accreditation, TÜV SÜD Product Service conducted the following tests at Ericsson in Fareham, UK.

| Test Name | Name of Engineer(s) |
|---|---------------------|
| Maximum Peak Output Power and Peak to Average Ratio - Conducted | Mohamed Toubella |
| Occupied Bandwidth | Mohamed Toubella |
| Band Edge | Mohamed Toubella |
| Radiated Spurious Emissions | Jack Tuckwell |
| Transmitter Spurious Emissions | Mohamed Toubella |
| Frequency Stability | Mohamed Toubella |
| Receiver Spurious Emissions | Mohamed Toubella |



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 22, Clause 22.913 (a)

2.1.2 Date of Test and Modification State

22 September 2017 - 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 | 22.5°C |
| Relative Humidity | 55.2% |

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.

Measurements were performed with a Spectrum Analyser using the Band Power measurement function. The detector was set to RMS with an RBW of at least 1 % of the carrier bandwidth and a VBW of at least 3 times the RBW. The integration bandwidth was configured to be wider than the total bandwidth of the carrier or combinations of carriers, (multi-carrier). Using a sweep time of auto, measurements were performed over 200 samples, with the average measurement recorded.

Due to Average measurements being recorded, an additional Peak to Average measurement was made in all single carrier configurations. This was achieved using the CCDF function of the Spectrum Analyser with the RBW being set to a value wider than the largest signal being measured – in this case – 10 MHz.



Product Service

2.1.6 Test Results

Configuration A

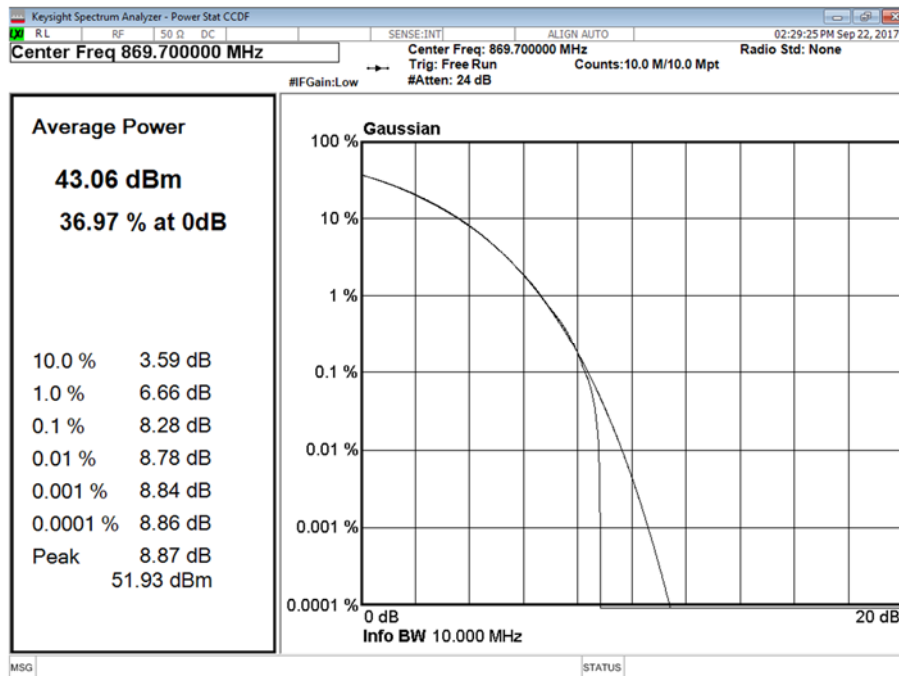
Maximum Output Power 46 dBm

| 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 | 1.4 MHz | 8.28 | 43.07 | 42.63 |
| A | QPSK | 3.0 MHz | 7.09 | 45.97 | 42.21 |
| A | QPSK | 5.0 MHz | 7.08 | 45.97 | 40.00 |
| B | QPSK | 5.0 MHz | 7.10 | 46.00 | 39.99 |
| Total | | | - | 49.00 | 43.01 |
| A | QPSK | 10.0 MHz | 7.14 | 45.99 | 37.38 |

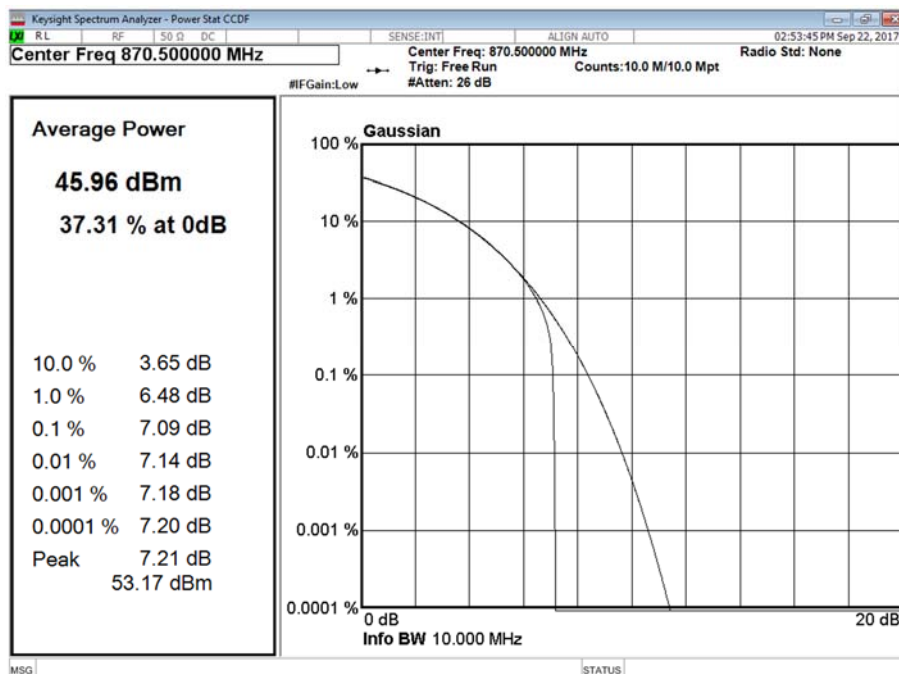


Product Service

Antenna A - LTE Modulation QPSK - LTE Carrier Bandwidth 1.4 MHz - Channel Position B



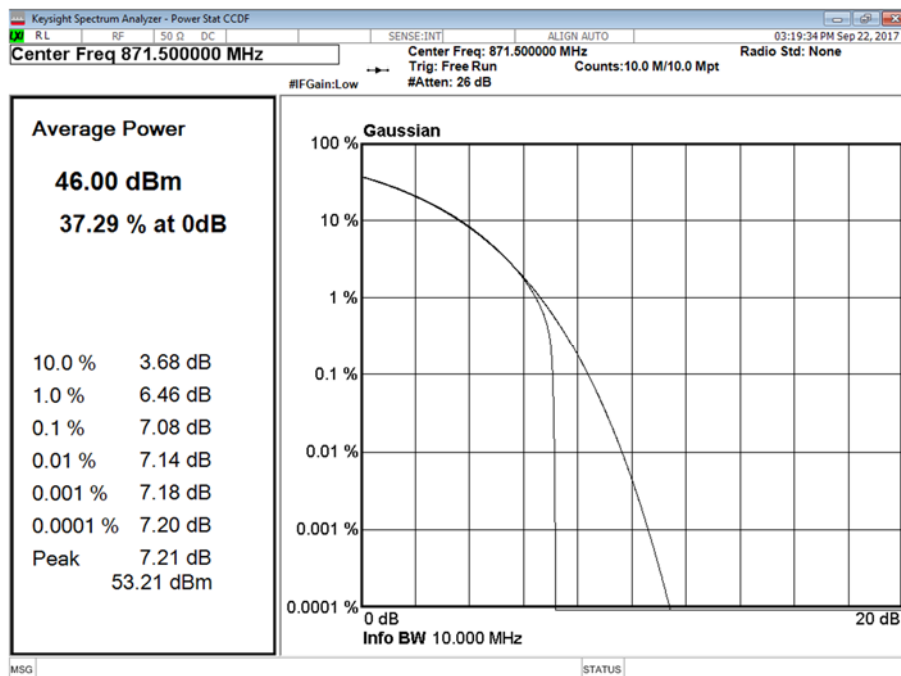
Antenna A - LTE Modulation QPSK - LTE Carrier Bandwidth 3.0 MHz - Channel Position B



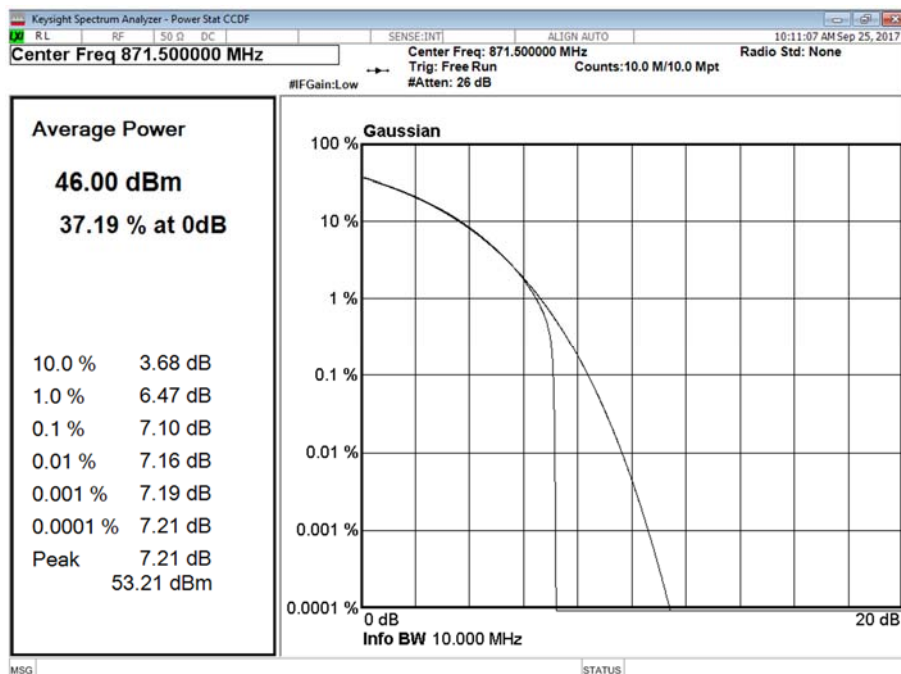


Product Service

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



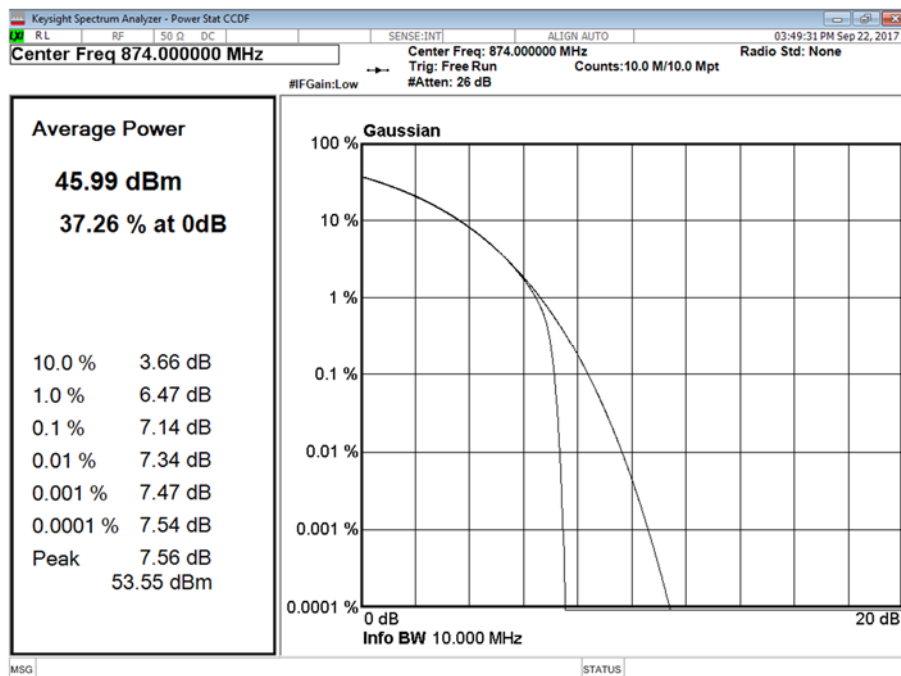
Antenna B - LTE Modulation QPSK - LTE Carrier Bandwidth 5.0 MHz - Channel Position B





Product Service

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



Configuration A

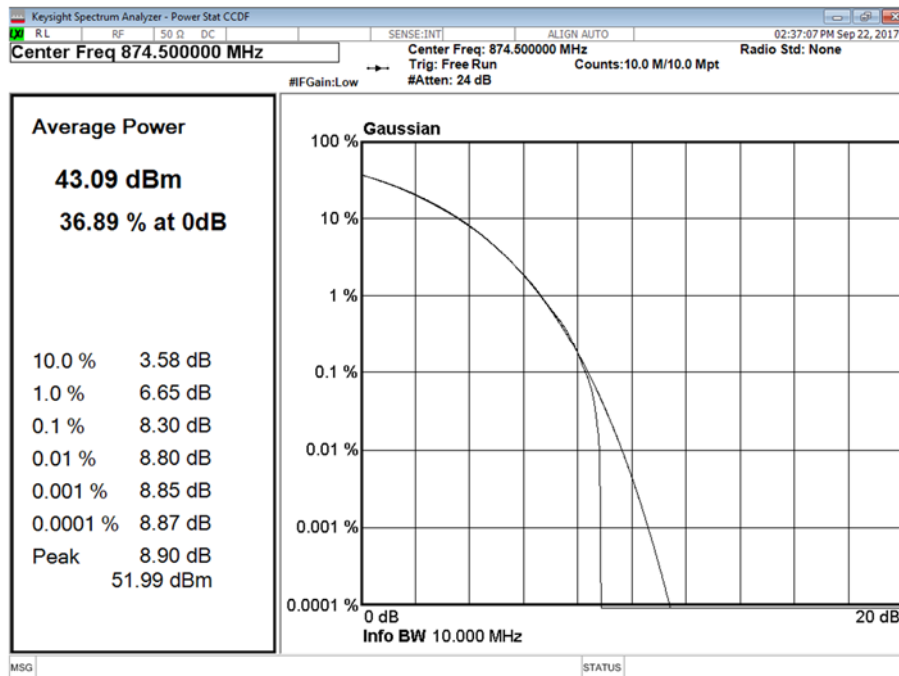
Maximum Output Power 46 dBm

| 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 | 1.4 MHz | 8.30 | 43.05 | 42.50 |
| A | QPSK | 3.0 MHz | 7.11 | 46.00 | 42.17 |
| A | QPSK | 5.0 MHz | 7.10 | 46.01 | 40.13 |
| B | QPSK | 5.0 MHz | 7.13 | 45.99 | 40.00 |
| Total | | | - | 49.01 | 43.08 |
| A | QPSK | 10.0 MHz | 7.17 | 46.04 | 37.25 |

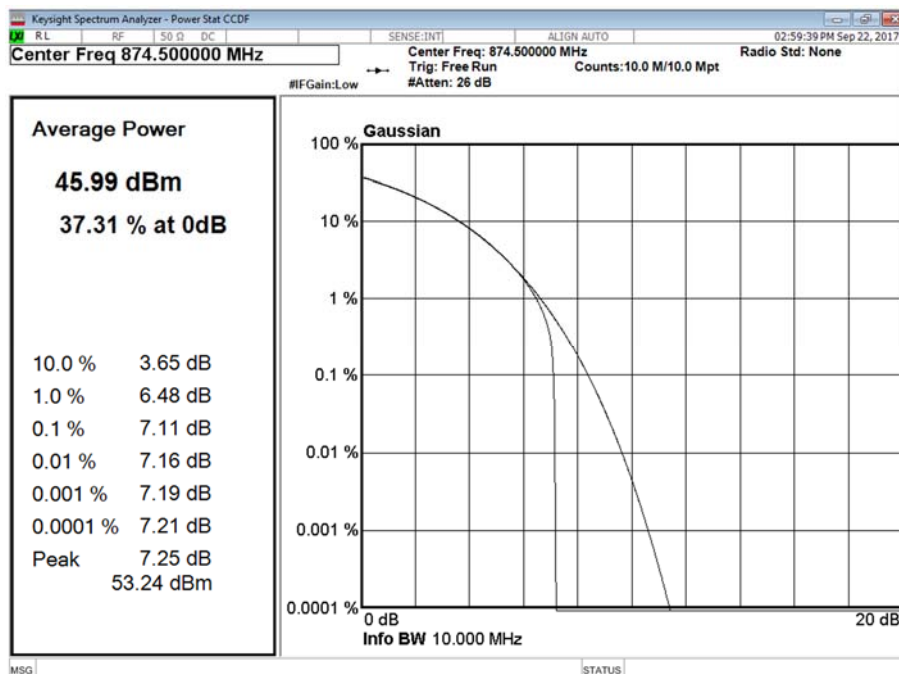


Product Service

Antenna A - LTE Modulation QPSK - LTE Carrier Bandwidth 1.4 MHz - Channel Position M



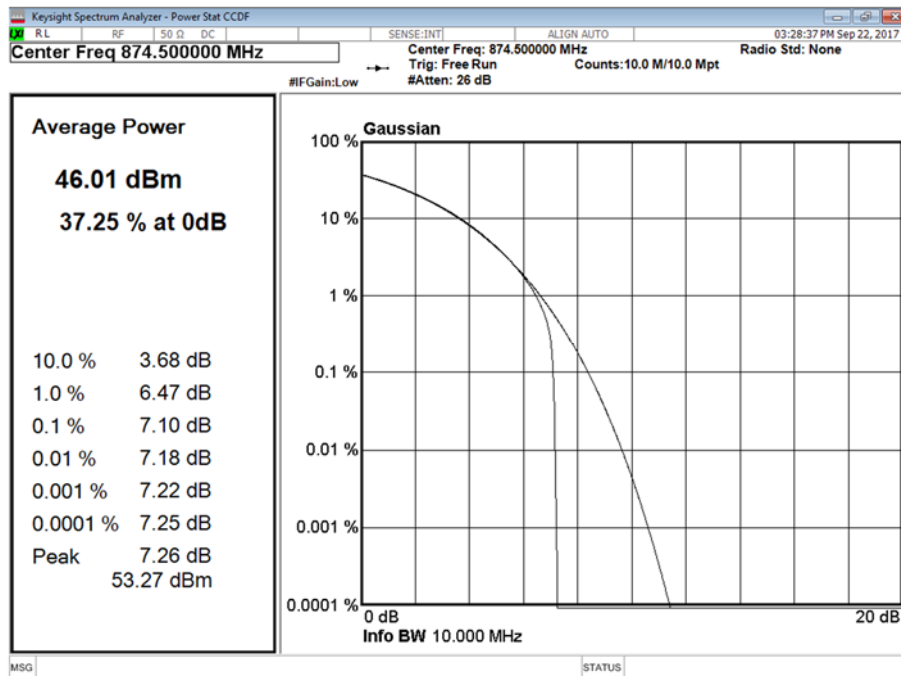
Antenna A - LTE Modulation QPSK - LTE Carrier Bandwidth 3.0 MHz - Channel Position M



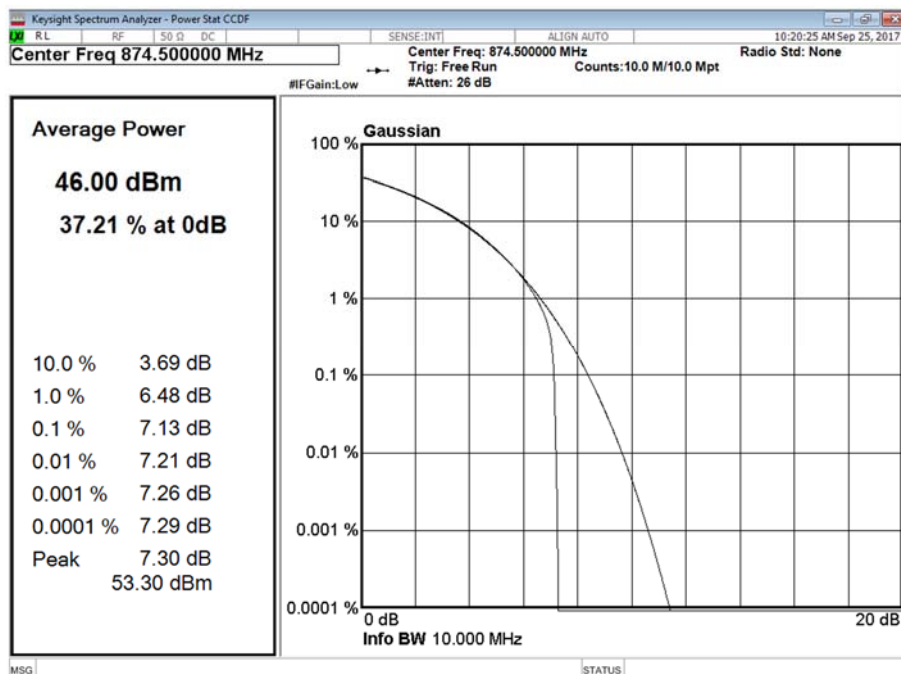


Product Service

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



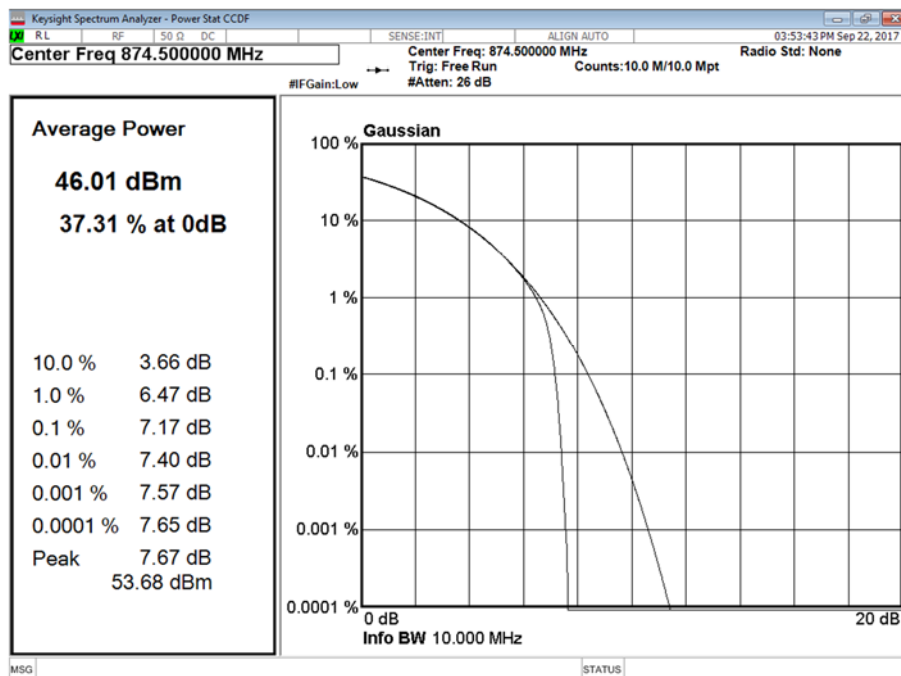
Antenna B - LTE Modulation QPSK - LTE Carrier Bandwidth 5.0 MHz - Channel Position M





Product Service

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



Configuration A

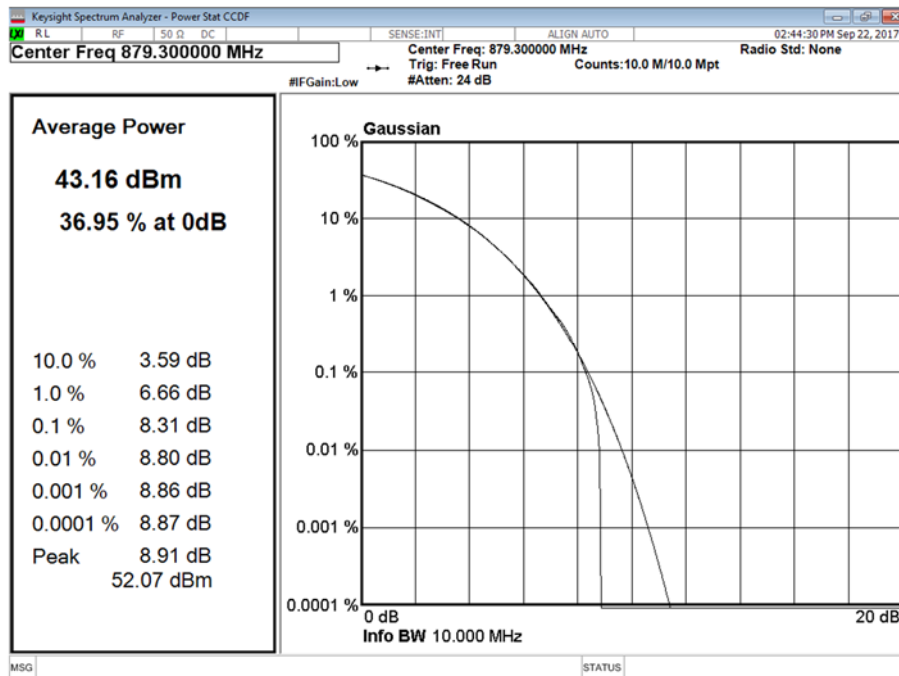
Maximum Output Power 46 dBm

| 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 | 1.4 MHz | 8.31 | 43.15 | 42.59 |
| A | QPSK | 3.0 MHz | 7.12 | 46.06 | 42.20 |
| A | QPSK | 5.0 MHz | 7.15 | 46.03 | 40.01 |
| B | QPSK | 5.0 MHz | 7.17 | 45.99 | 40.02 |
| Total | | | - | 49.02 | 43.03 |
| A | QPSK | 10.0 MHz | 7.20 | 46.04 | 37.57 |

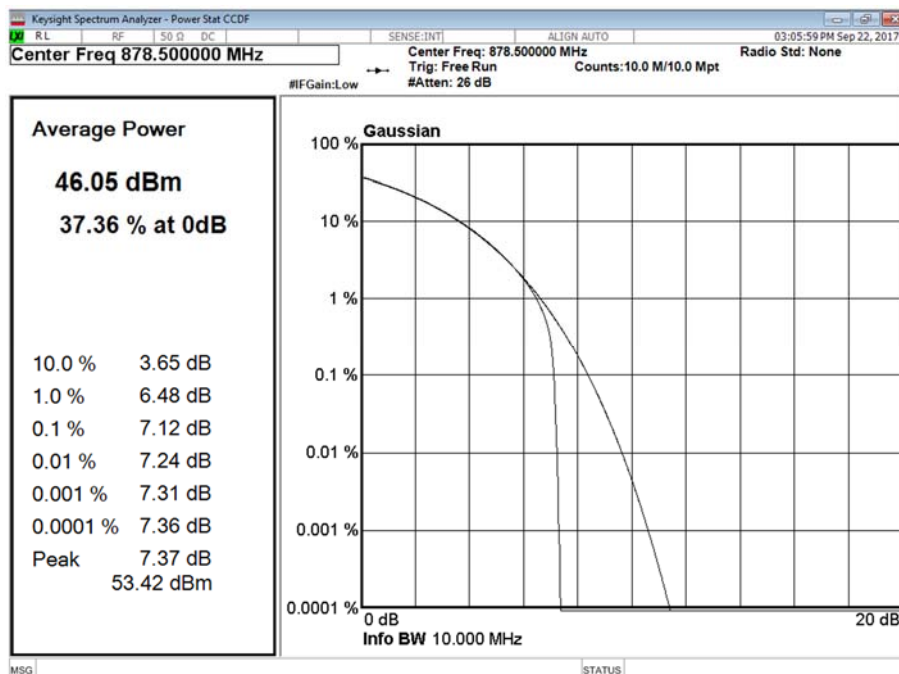


Product Service

Antenna A - LTE Modulation QPSK - LTE Carrier Bandwidth 1.4 MHz - Channel Position T



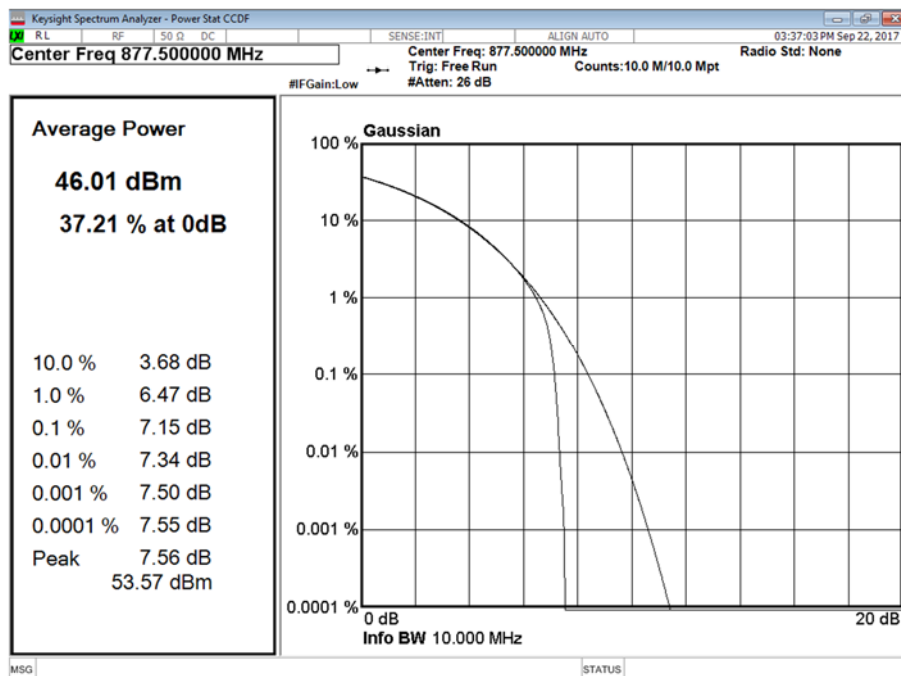
Antenna A - LTE Modulation QPSK - LTE Carrier Bandwidth 3.0 MHz - Channel Position T



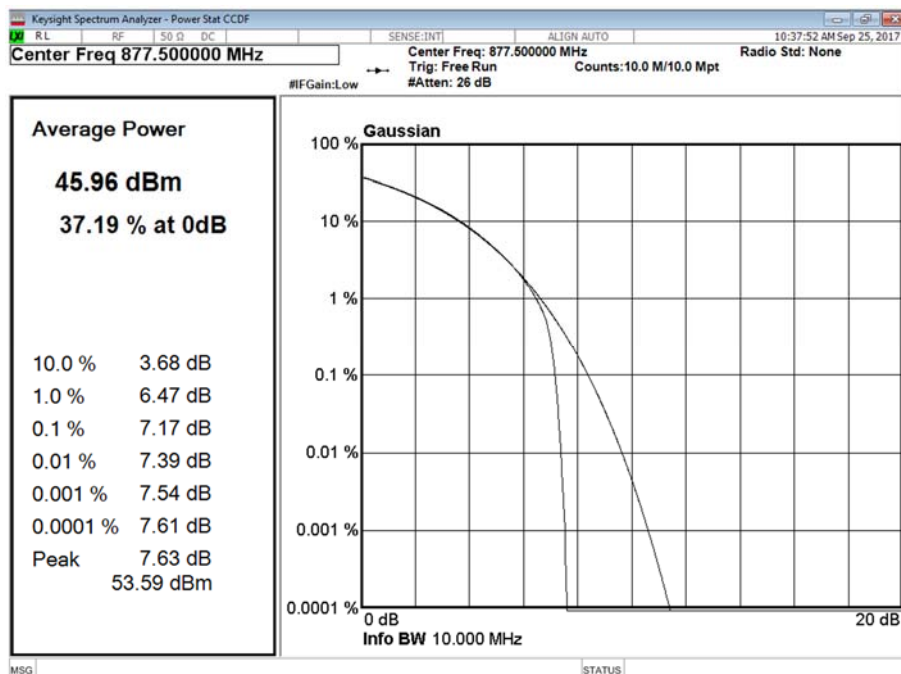


Product Service

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



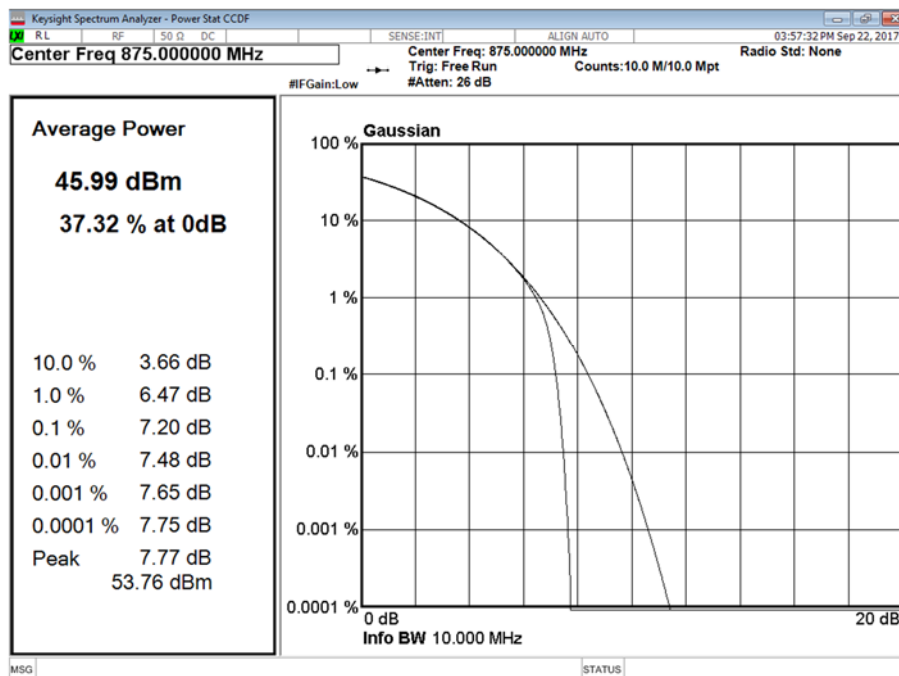
Antenna B - LTE Modulation QPSK - LTE Carrier Bandwidth 5.0 MHz - Channel Position T





Product Service

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



Configuration B

Maximum Output Power 46 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 | 1.4 MHz | - | 45.96 | 42.18 |
| A | QPSK | 3.0 MHz | - | 45.99 | 39.34 |
| A | QPSK | 5.0 MHz | - | 46.00 | 37.20 |

Configuration C

Maximum Output Power 46 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 | 1.4 MHz | - | 45.96 | 40.61 |
| A | QPSK | 3.0 MHz | - | 45.99 | 37.57 |

| Limit | |
|-----------------------|--------------------|
| Peak Power | ≤500 W or ≤+57 dBm |
| 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 22, Clause 22.917 (b)

2.2.2 Date of Test and Modification State

22 September 2017 - 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 22.5°C
Relative Humidity 55.2%

2.2.5 Test Method

All measurements were made in accordance with FCC KDB 971168 D01 Clause 4.1.

The Spectrum Analyser RBW was configured to be at least 1% of the channel bandwidth of the carrier to be measured.

For 26dB 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 26 dB measurement result was obtained.

2.2.6 Test Results

Configuration A

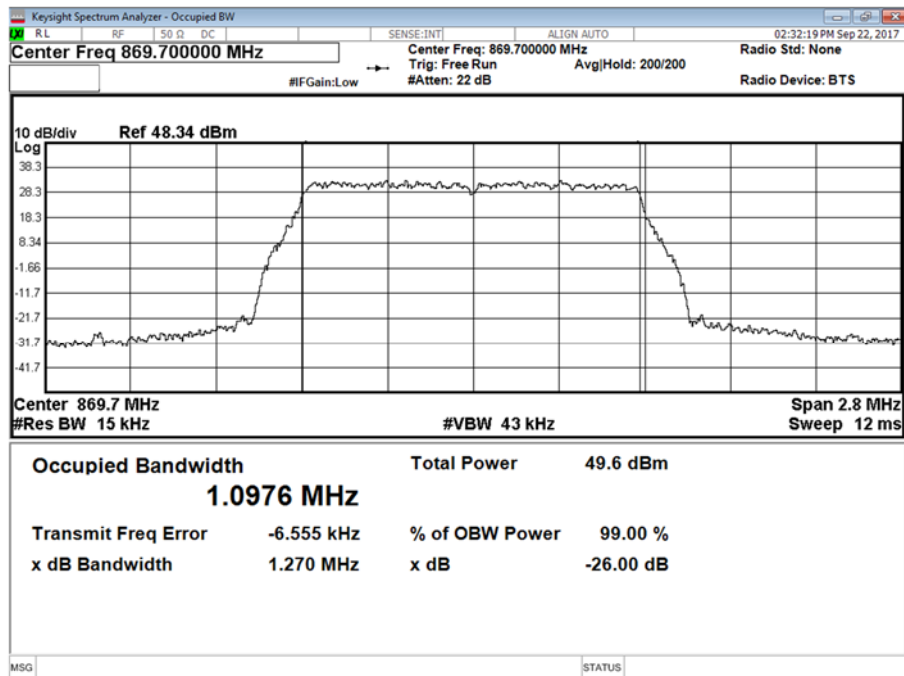
Maximum Output Power 46 dBm

| 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 | 1.4 MHz | 1,097.61 | 1,269.85 | 1,096.72 | 1,266.66 | 1,096.17 | 1,266.89 |
| A | QPSK | 3.0 MHz | 2,694.23 | 2,894.58 | 2,699.31 | 2,895.16 | 2,694.25 | 2,900.19 |
| A | QPSK | 5.0 MHz | 4,485.23 | 4,817.72 | 4,480.38 | 4,781.25 | 4,478.45 | 4,776.42 |
| B | QPSK | 5.0 MHz | 4,482.21 | 4,798.16 | 4,481.27 | 4,806.77 | 4,479.35 | 4,794.28 |
| A | QPSK | 10.0 MHz | 8,941.10 | 9,599.04 | 8,957.77 | 9,572.16 | 8,935.83 | 9,646.72 |

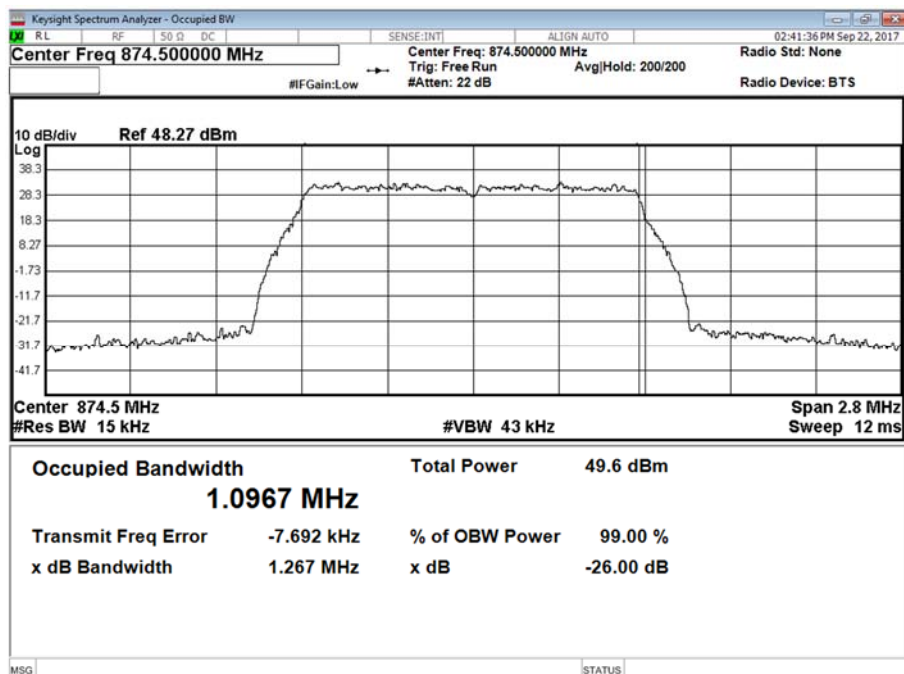


Product Service

Antenna A - LTE Modulation QPSK - LTE Carrier Bandwidth 1.4 MHz - Channel Position B



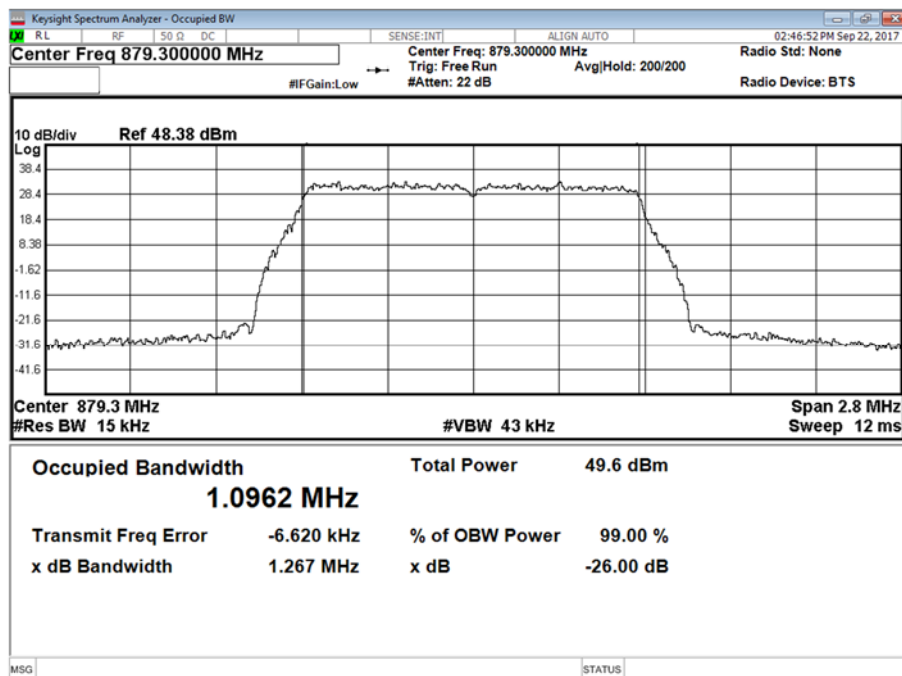
Antenna A - LTE Modulation QPSK - LTE Carrier Bandwidth 1.4 MHz - Channel Position M



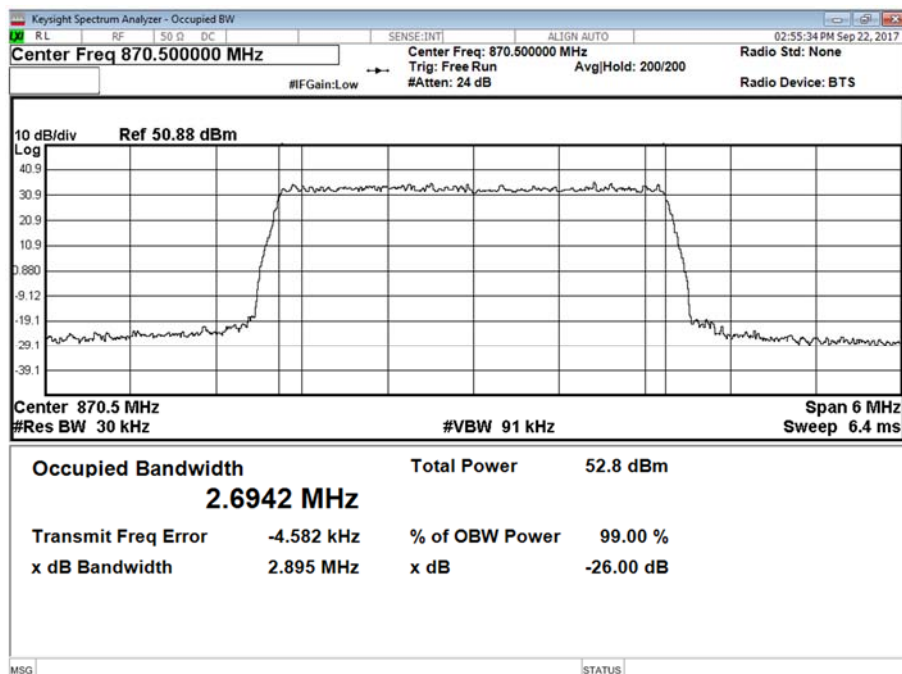


Product Service

Antenna A - LTE Modulation QPSK - LTE Carrier Bandwidth 1.4 MHz - Channel Position T



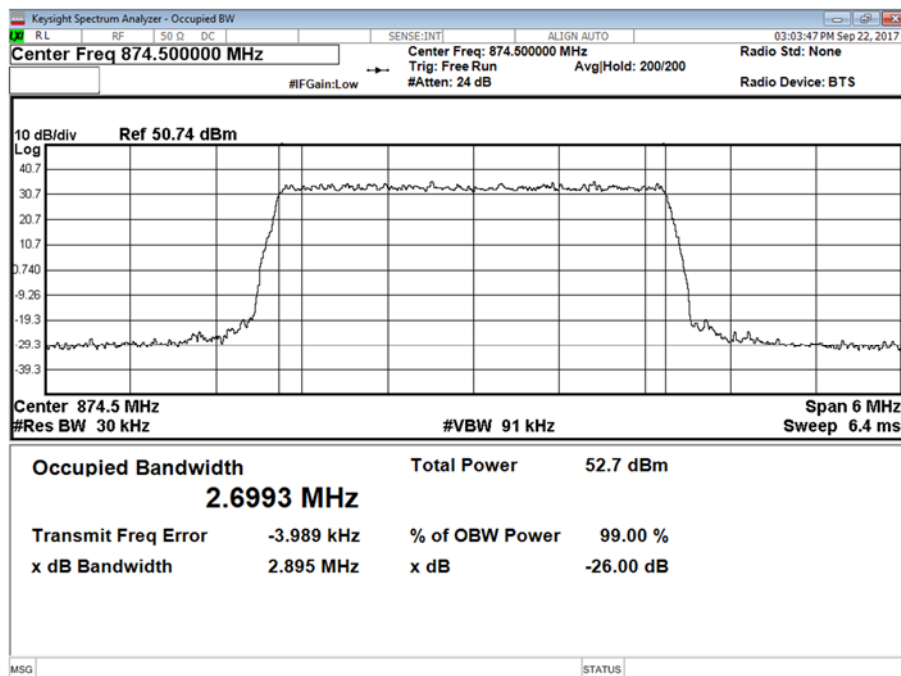
Antenna A - LTE Modulation QPSK - LTE Carrier Bandwidth 3.0 MHz - Channel Position B



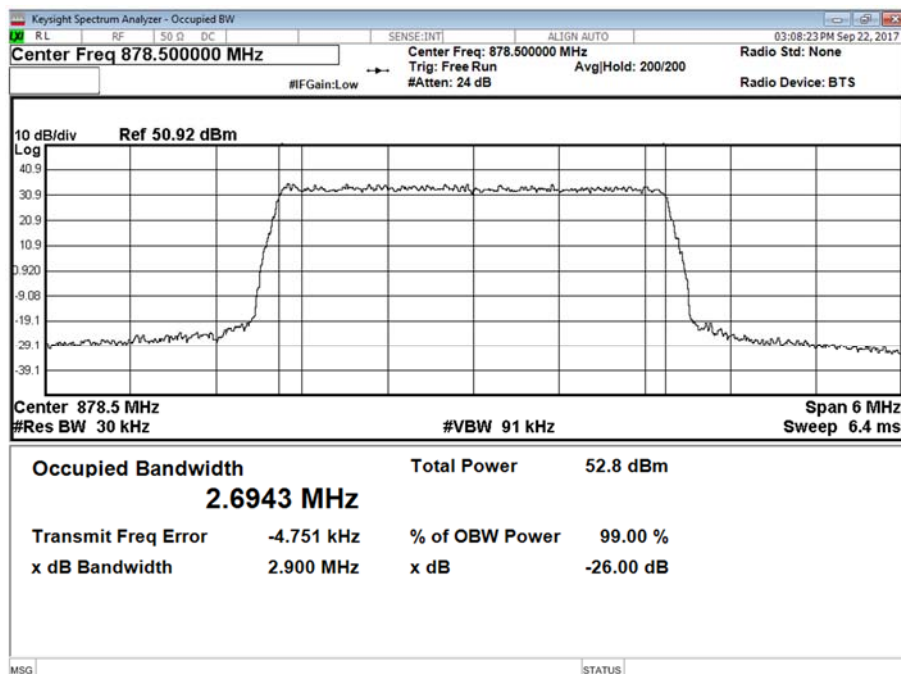


Product Service

Antenna A - LTE Modulation QPSK - LTE Carrier Bandwidth 3.0 MHz - Channel Position M



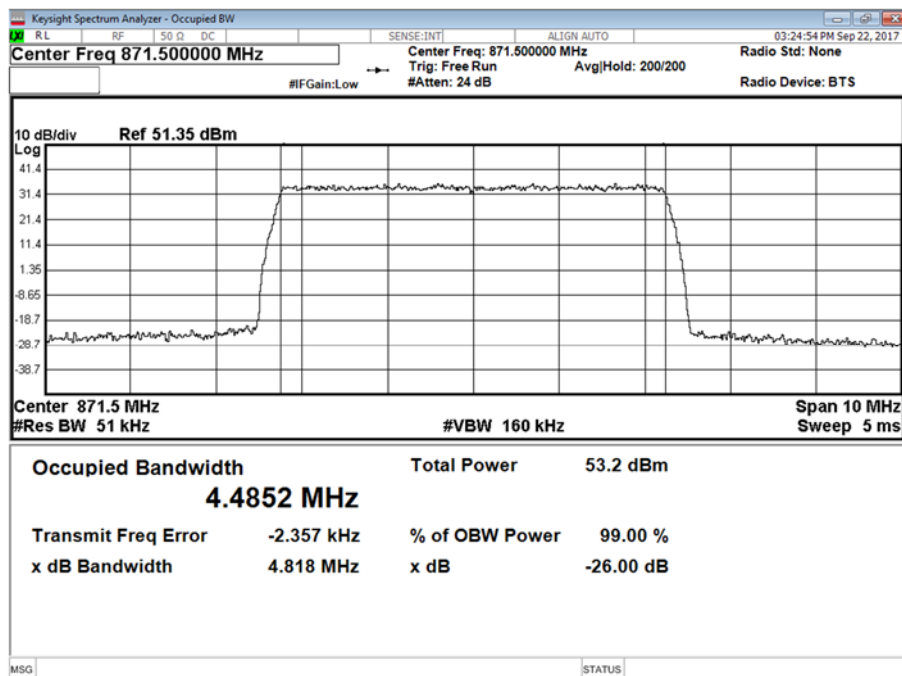
Antenna A - LTE Modulation QPSK - LTE Carrier Bandwidth 3.0 MHz - Channel Position T



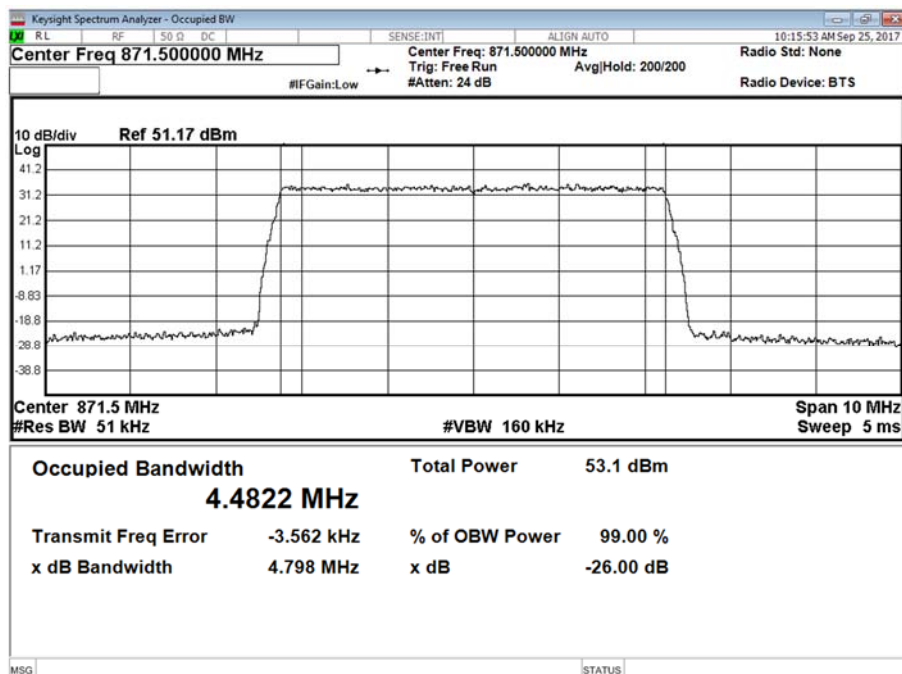


Product Service

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



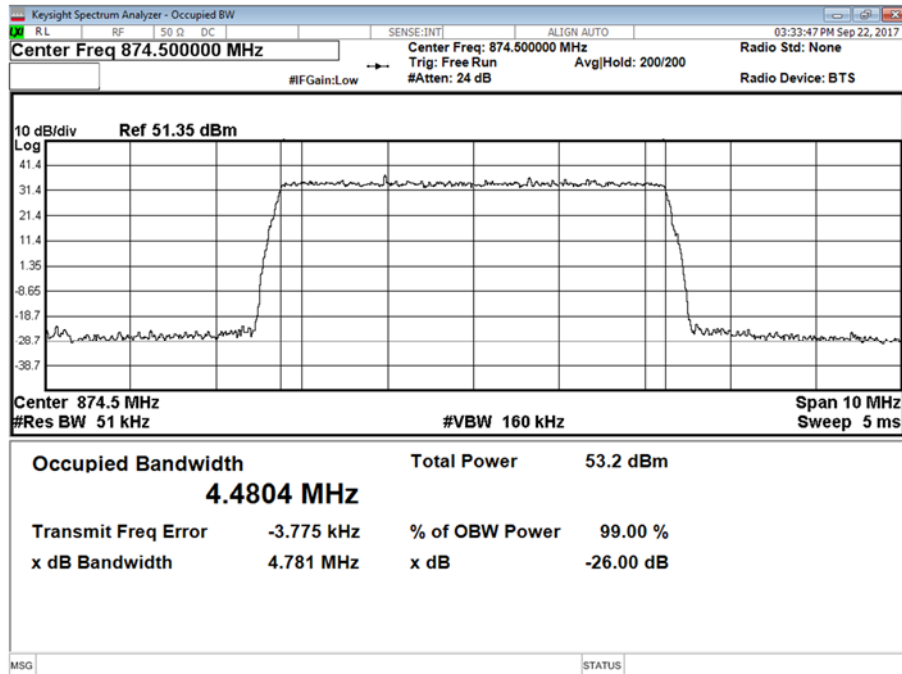
Antenna B - LTE Modulation QPSK - LTE Carrier Bandwidth 5.0 MHz - Channel Position B



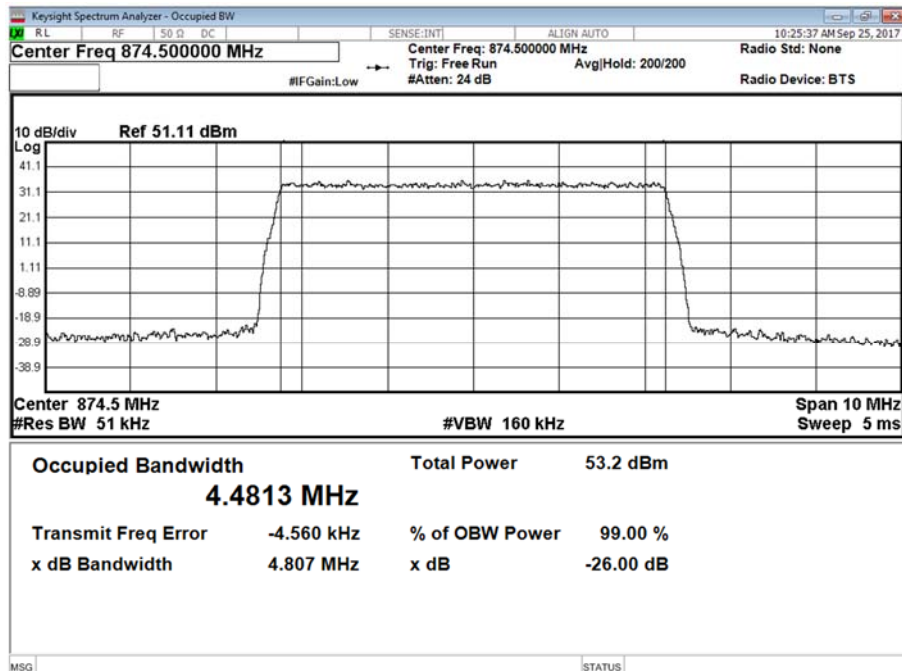


Product Service

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



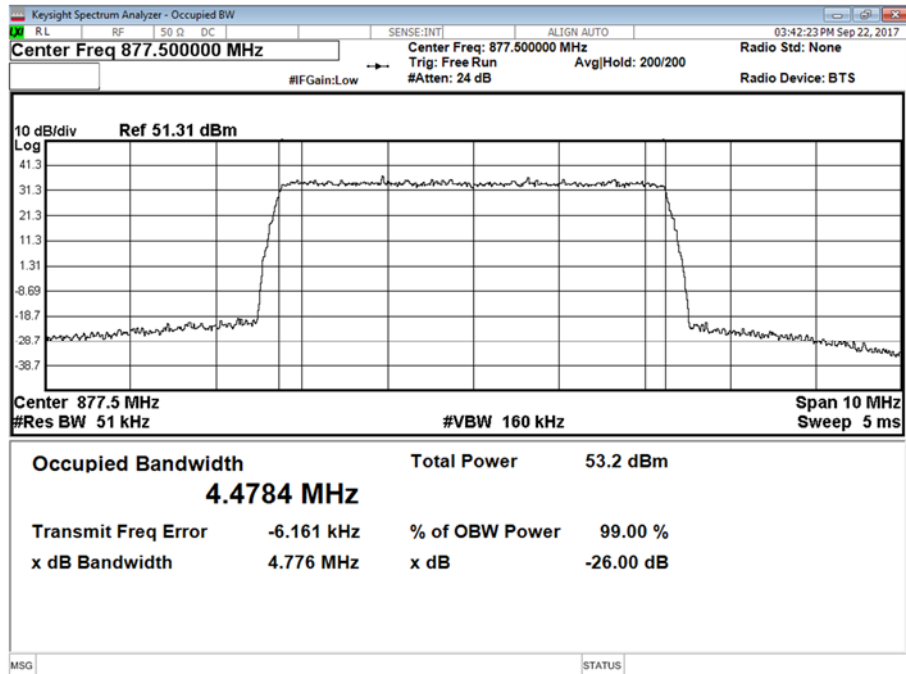
Antenna B - LTE Modulation QPSK - LTE Carrier Bandwidth 5.0 MHz - Channel Position M



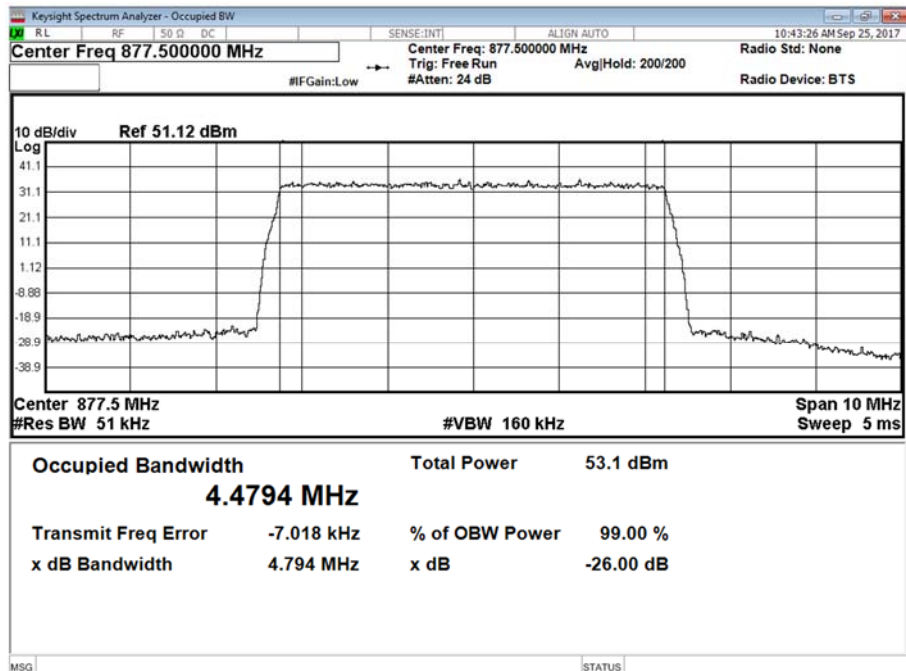


Product Service

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



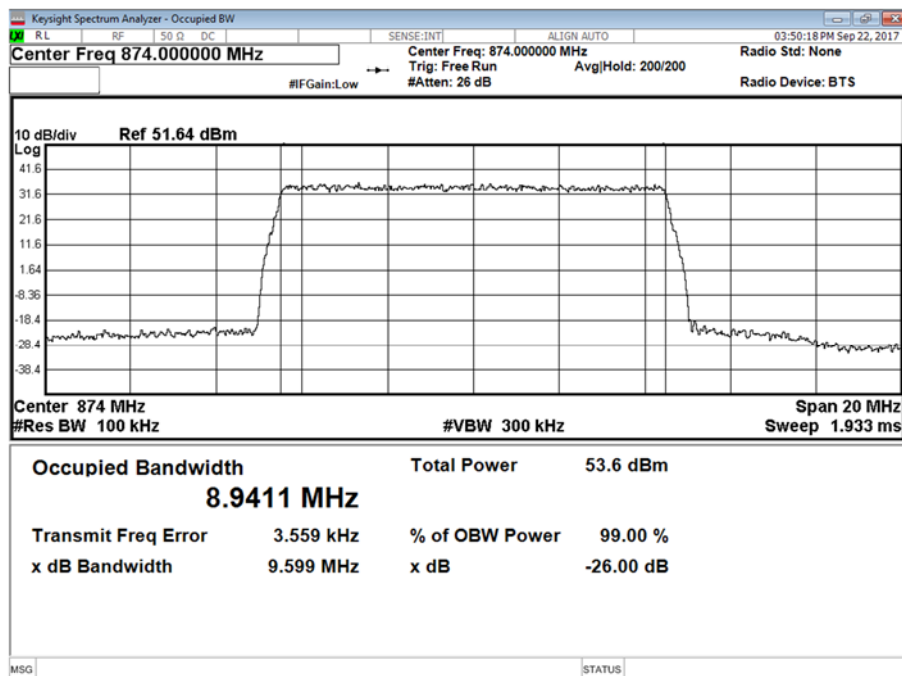
Antenna B - LTE Modulation QPSK - LTE Carrier Bandwidth 5.0 MHz - Channel Position T



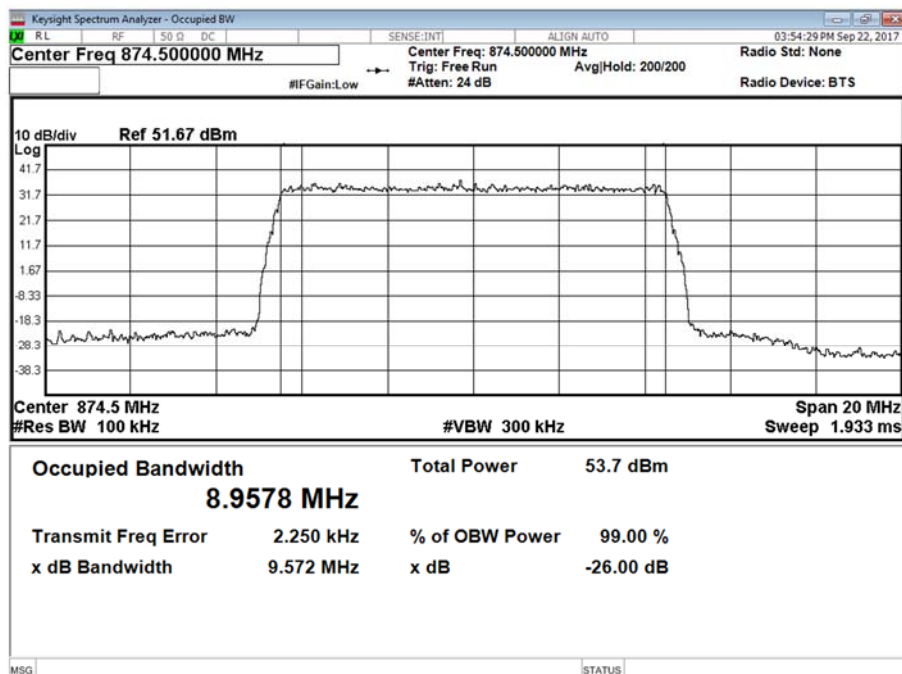


Product Service

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



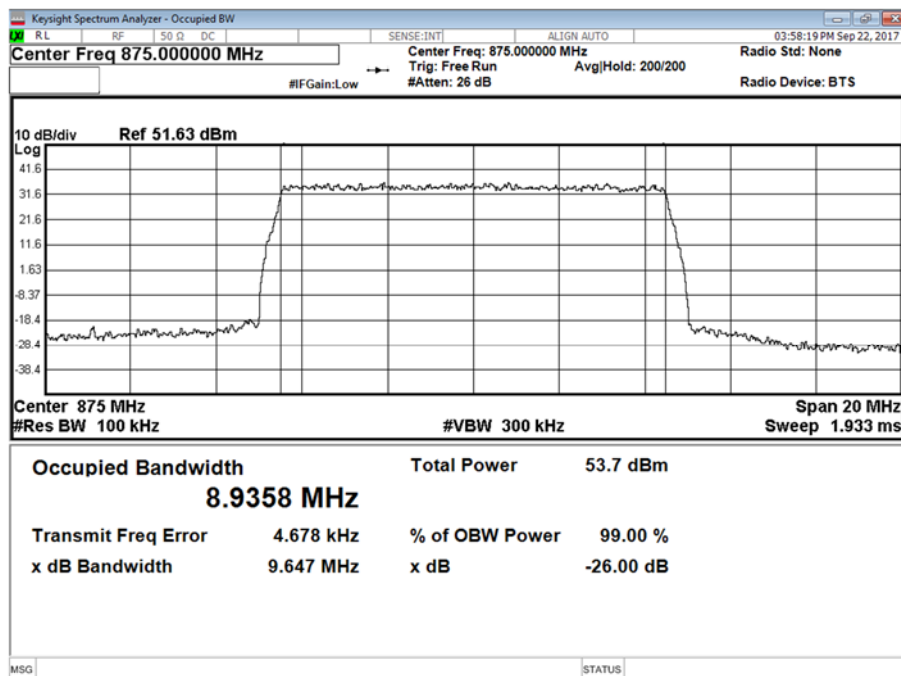
Antenna A - LTE Modulation QPSK - LTE Carrier Bandwidth 10.0 MHz - Channel Position M





Product Service

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



Configuration B

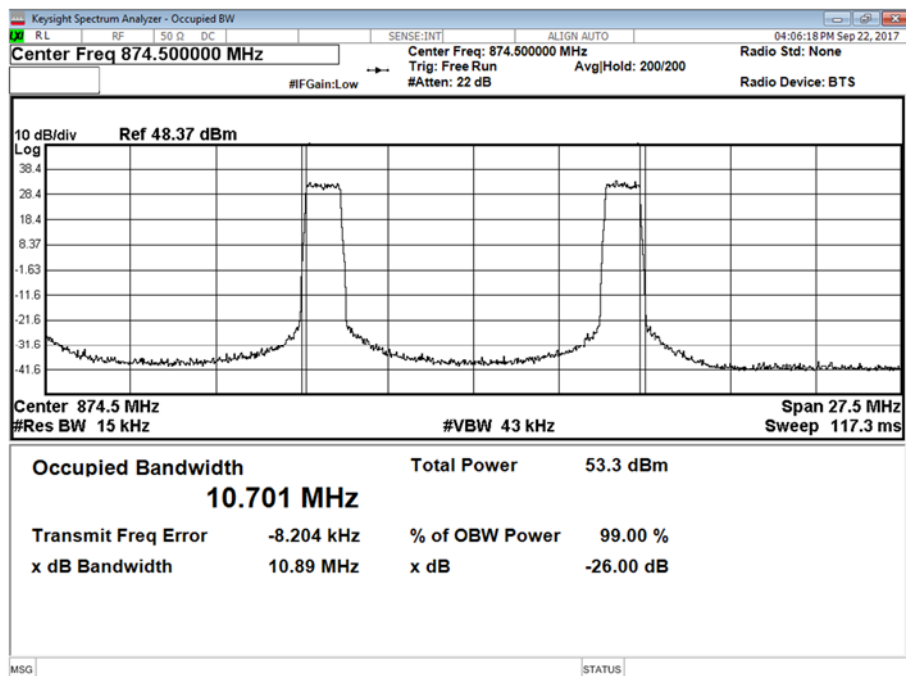
Maximum Output Power 46 dBm

| Antenna | LTE Modulation | LTE Carrier Bandwidth | Result (KHz) | |
|---------|----------------|-----------------------|--------------------|------------------|
| | | | Channel Position M | |
| | | | Occupied Bandwidth | -26 dB Bandwidth |
| A | QPSK | 1.4 MHz | 10,701.32 | 10,887.08 |
| A | QPSK | 3.0 MHz | 10,680.28 | 10,924.34 |
| A | QPSK | 5.0 MHz | 10,431.79 | 10,822.59 |

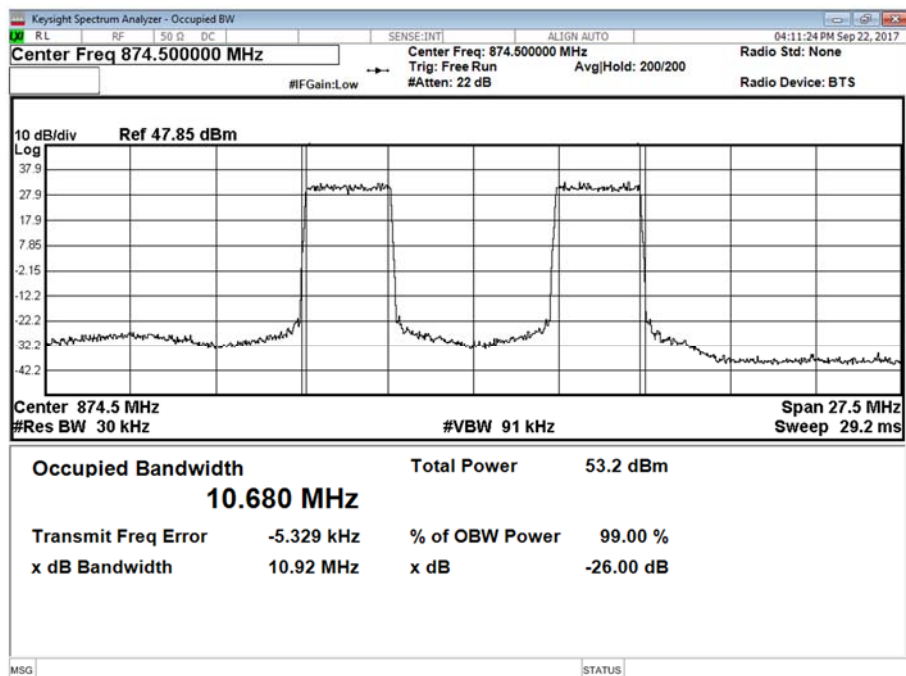


Product Service

Antenna A - LTE Modulation QPSK - LTE Carrier Bandwidth 1.4 MHz - Channel Position M



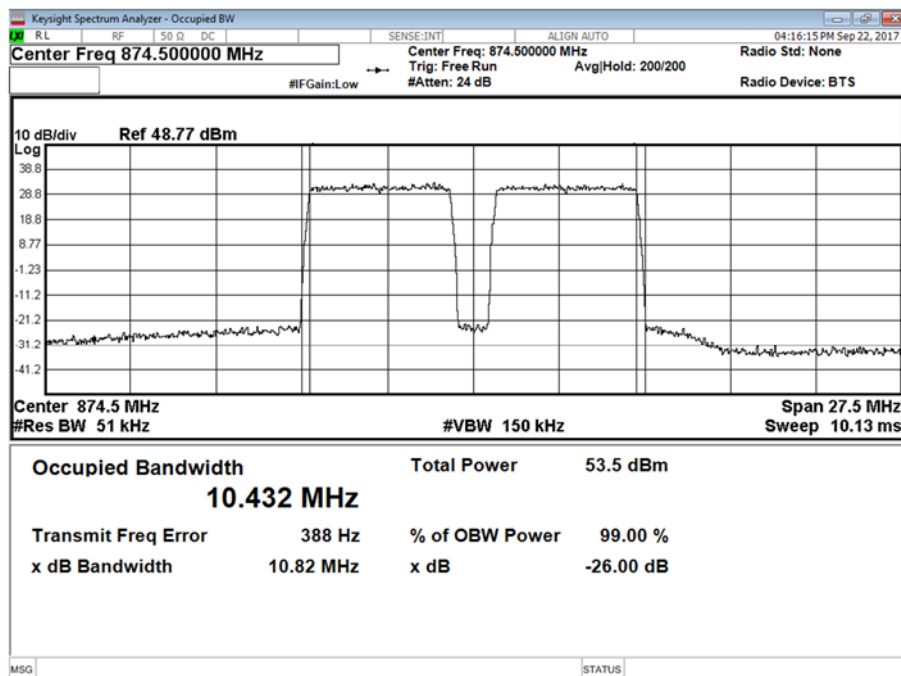
Antenna A - LTE Modulation QPSK - LTE Carrier Bandwidth 3.0 MHz - Channel Position M





Product Service

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



Configuration C

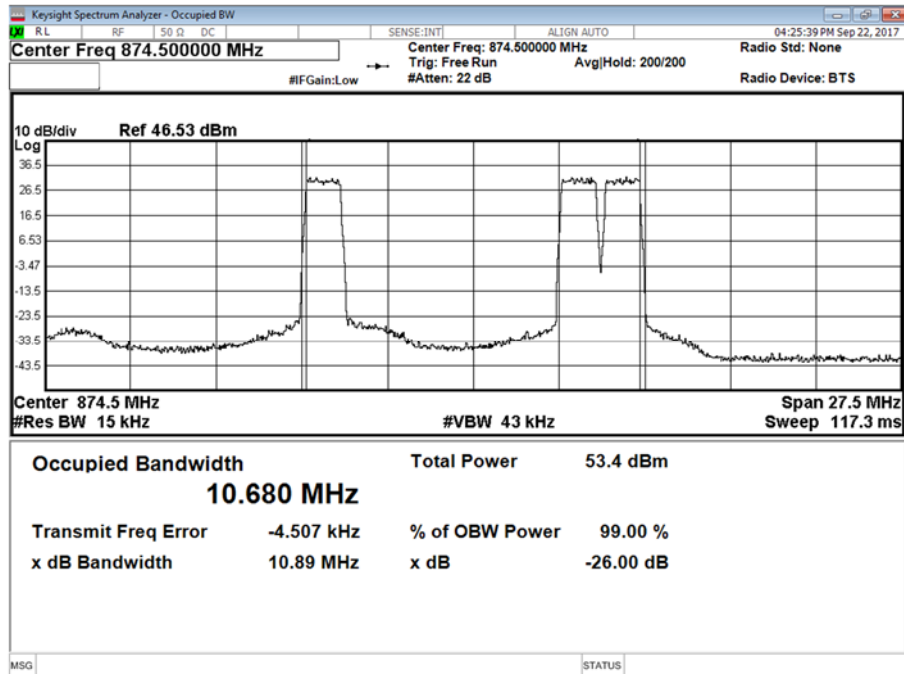
Maximum Output Power 46 dBm

| Antenna | LTE Modulation | LTE Carrier Bandwidth | Result (KHz) | |
|---------|----------------|-----------------------|--------------------|------------------|
| | | | Channel Position M | |
| | | | Occupied Bandwidth | -26 dB Bandwidth |
| A | QPSK | 1.4 MHz | 10,680.47 | 10,887.68 |
| A | QPSK | 3.0 MHz | 10,645.48 | 10,924.75 |

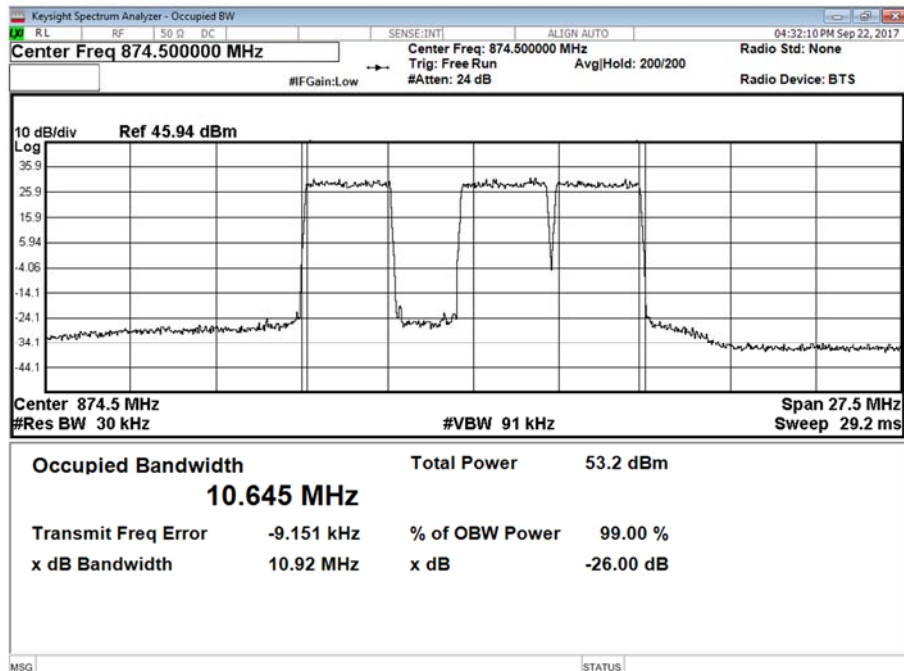


Product Service

Antenna A - LTE Modulation QPSK - LTE Carrier Bandwidth 1.4 MHz - Channel Position M



Antenna A - LTE Modulation QPSK - LTE Carrier Bandwidth 3.0 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 22, Clause 22.917

2.3.2 Date of Test and Modification State

22, 26 and 27 September 2017 - 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 21.2 - 22.5°C
Relative Humidity 53.8 - 55.2%

2.3.5 Test Method

All measurements were made in accordance with FCC KDB 971168 D01 Clause 6.

The EUT was connected to a Spectrum Analyser via 40 dB of attenuation. The path loss between the EUT and the Spectrum Analyser was measured using a Network Analyser. The measured path loss was entered as a Reference Level Offset in the Spectrum Analyser. All measurements were made using a RBW of <1 % of the 26 dB Bandwidth in conjunction with the Band Power function of the Spectrum Analyser. The Band Power span was configured to be at least 1 % of the 26 dB Bandwidth and was positioned in the 1MHz region above/below the band edge which gave the worst-case result. The result was an integration of the power giving the result as a value which was at least 1 % of the 26 dB Bandwidth. The display line was set to the worst case accounting for 2 Port MIMO operation in accordance with KDB 662911 D01. This equated to $43 + 10\log(P) - 10\log(2) = -16\text{dBm}$.

Additional plots were shown for measurements from 1 – 5 MHz away from the Band Edge. A RBW of 51 kHz was used with the limit line corrected by $10\log(100\text{ kHz} / 51\text{ kHz}) = 3\text{ dB}$. Therefore, the limit line accounting for MIMO and the reduced RBW was set at -19 dBm.

2.3.6 Test Results

Configuration A

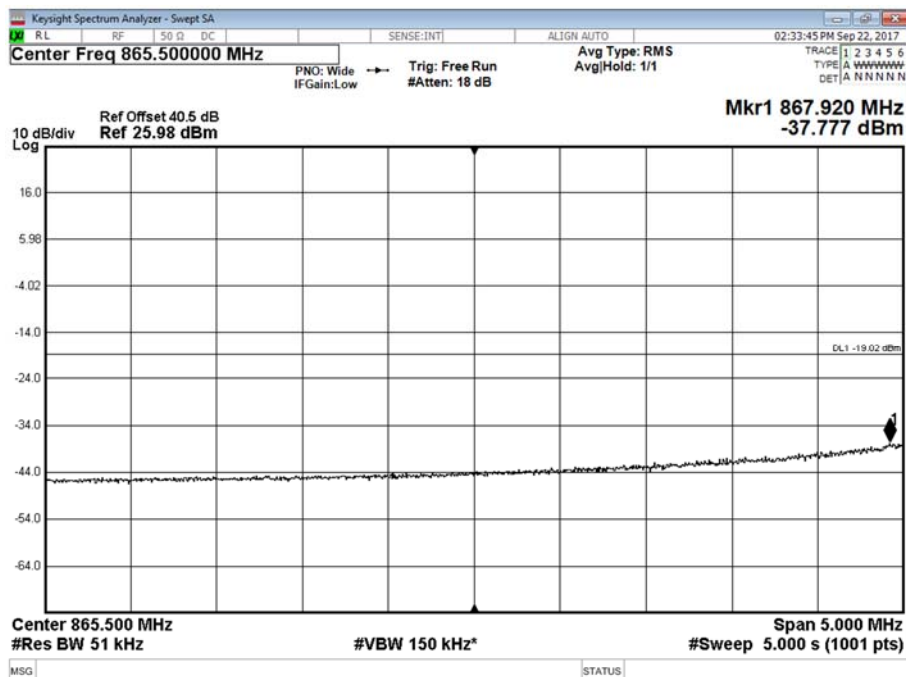
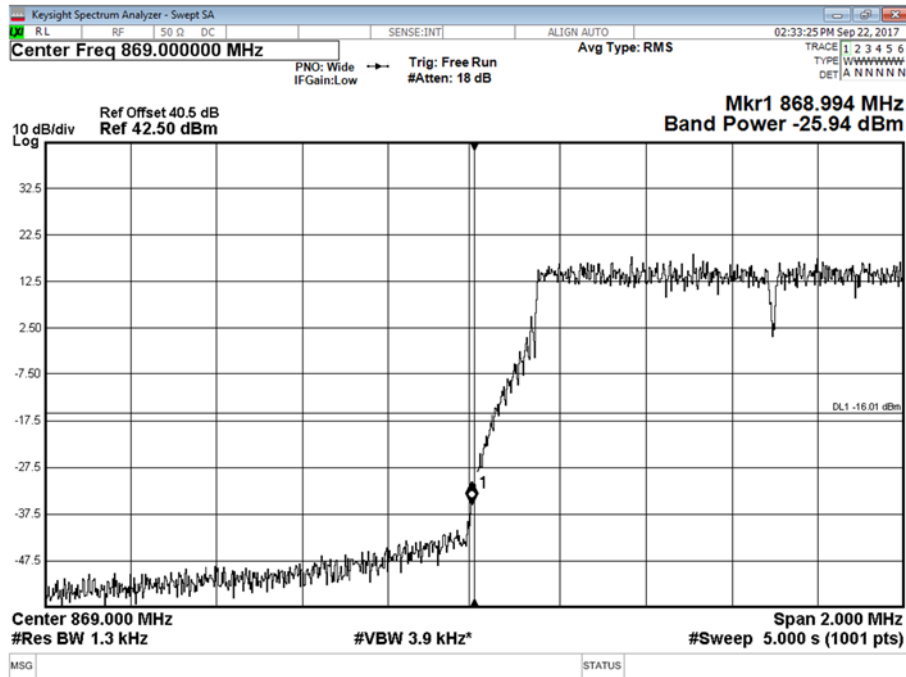
Maximum Output Power 46 dBm

| Antenna | LTE Modulation | LTE Carrier Bandwidth | Band Edge (MHz) | |
|---------|----------------|-----------------------|--------------------|--------------------|
| | | | Channel Position B | Channel Position T |
| A | QPSK | 1.4 MHz | 869.7 | 879.3 |
| A | QPSK | 3.0 MHz | 870.5 | 878.5 |
| A | QPSK | 5.0 MHz | 871.5 | 877.5 |
| B | QPSK | 5.0 MHz | 871.5 | 877.5 |
| A | QPSK | 10.0 MHz | 874.0 | 875.0 |



Product Service

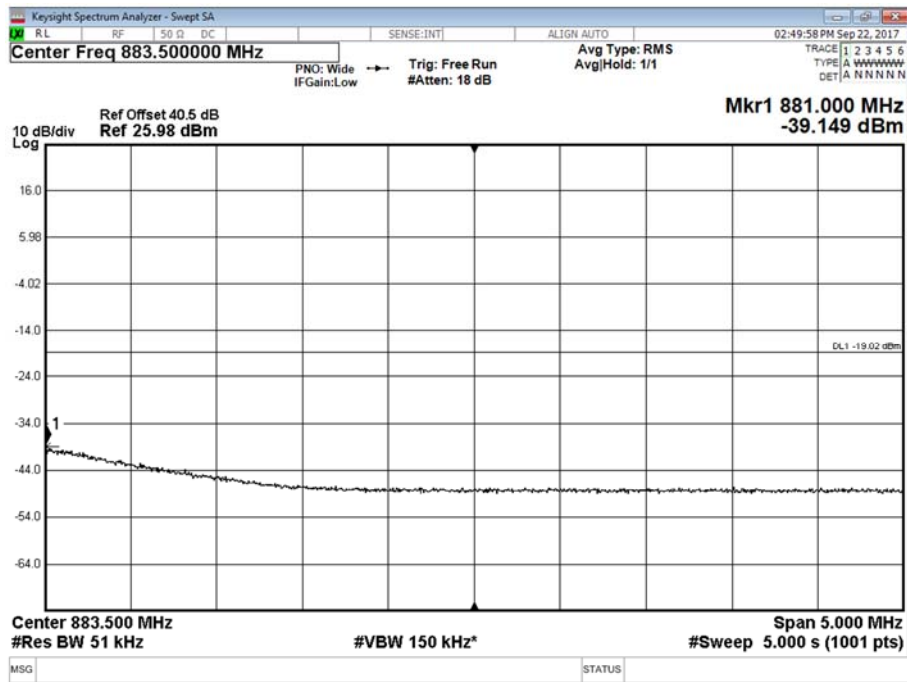
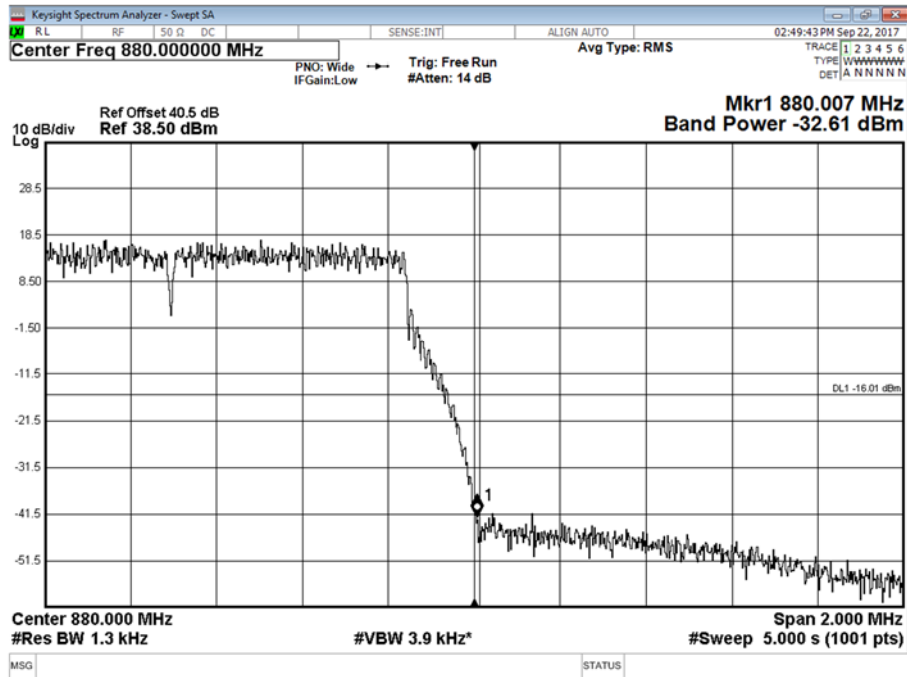
Antenna A - LTE Modulation QPSK - LTE Carrier Bandwidth 1.4 MHz - Channel Position B





Product Service

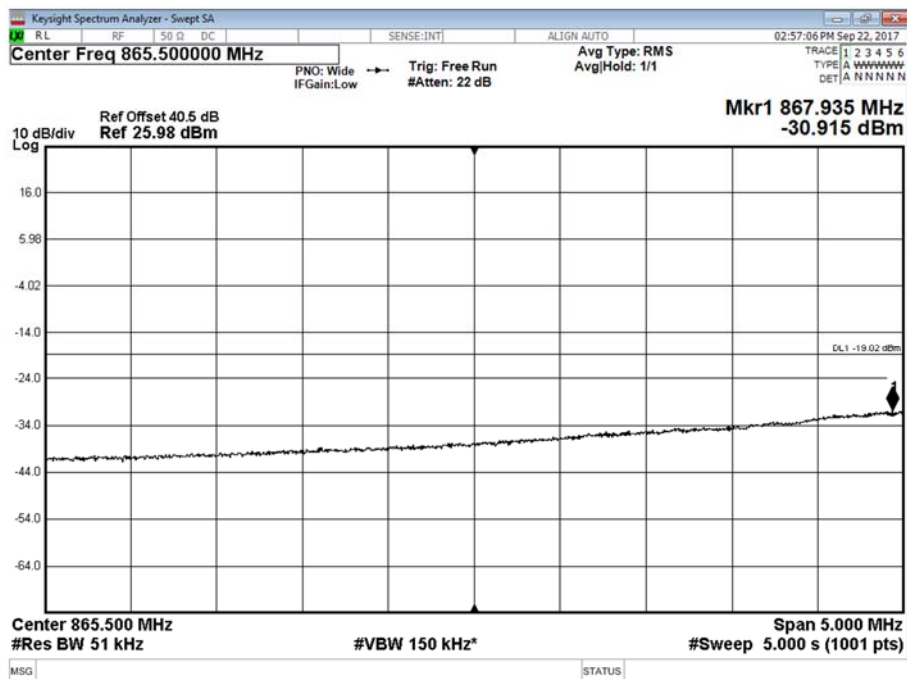
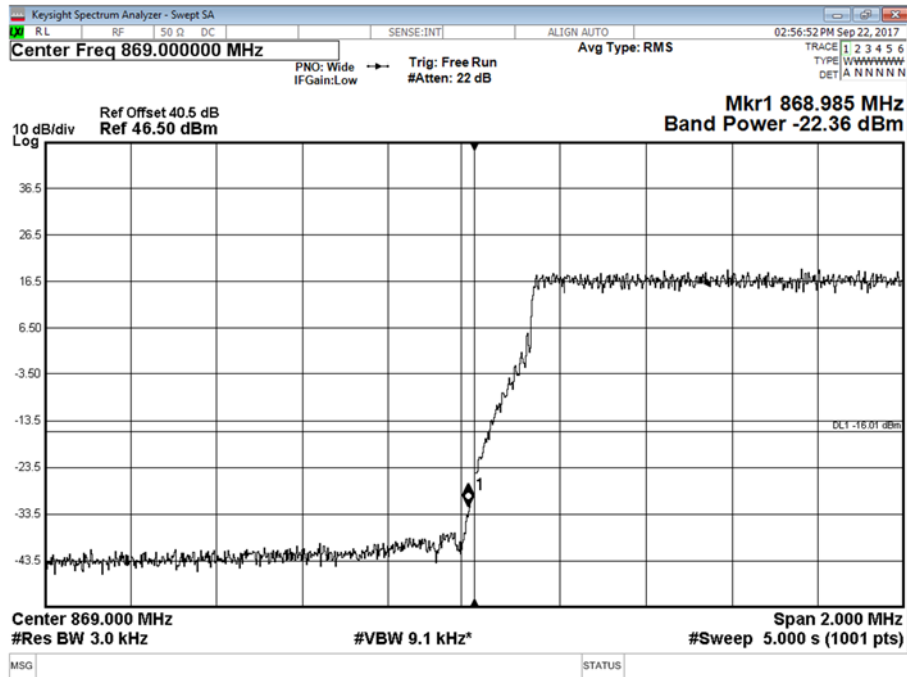
Antenna A - LTE Modulation QPSK - LTE Carrier Bandwidth 1.4 MHz - Channel Position T





Product Service

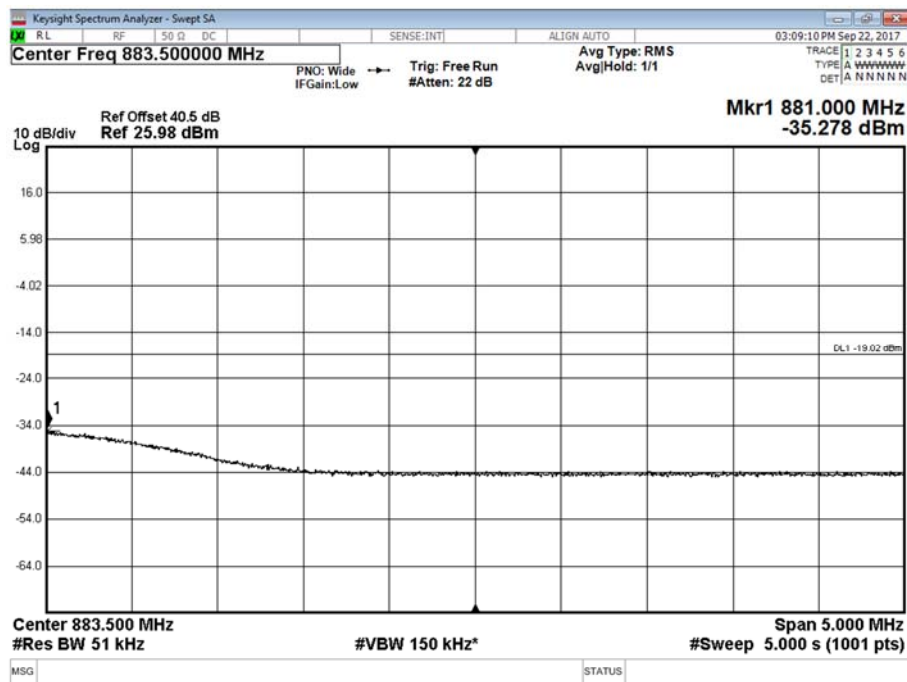
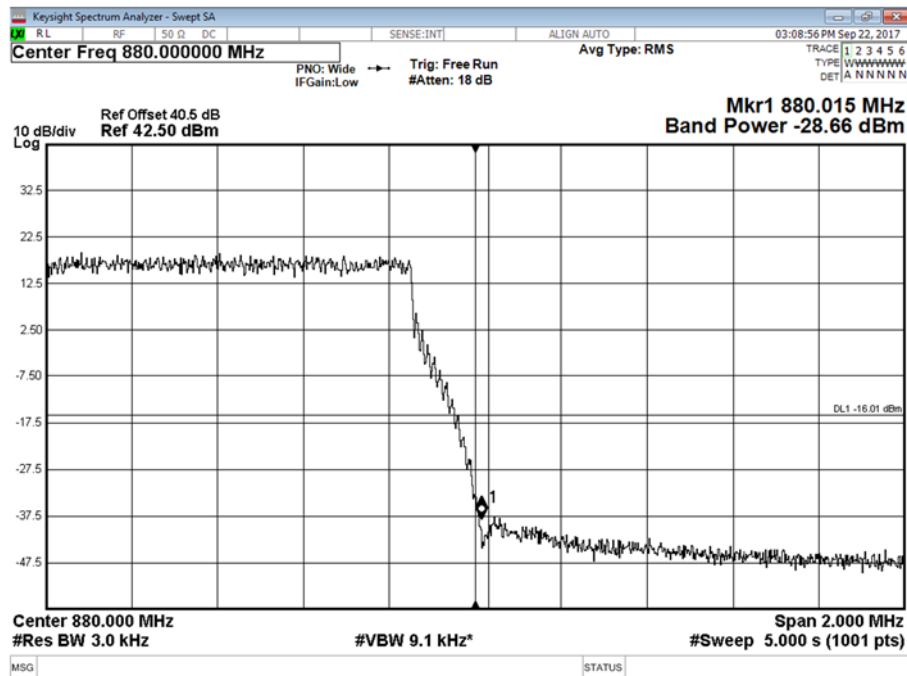
Antenna A - LTE Modulation QPSK - LTE Carrier Bandwidth 3.0 MHz - Channel Position B





Product Service

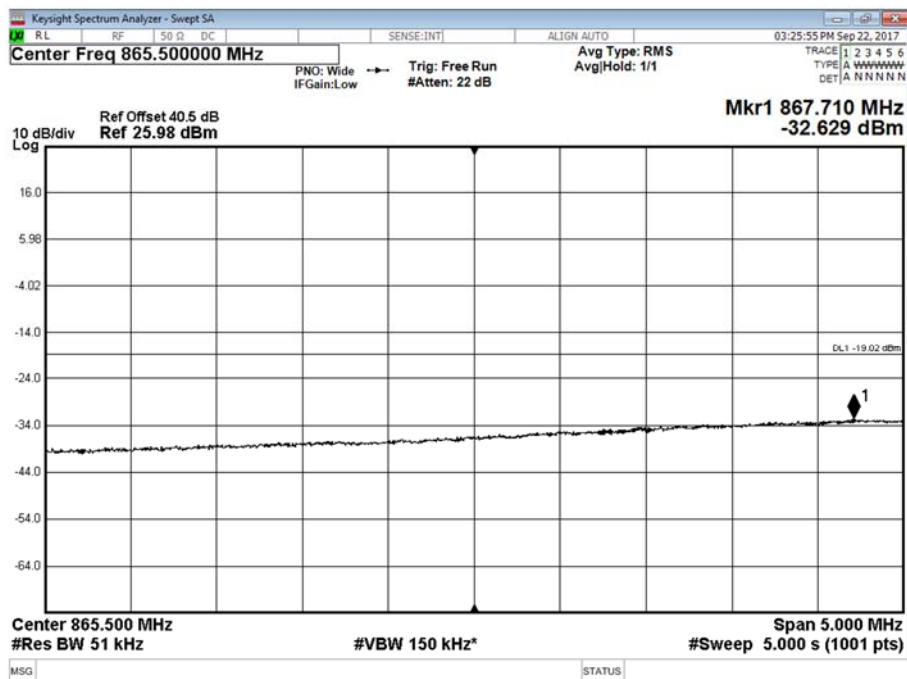
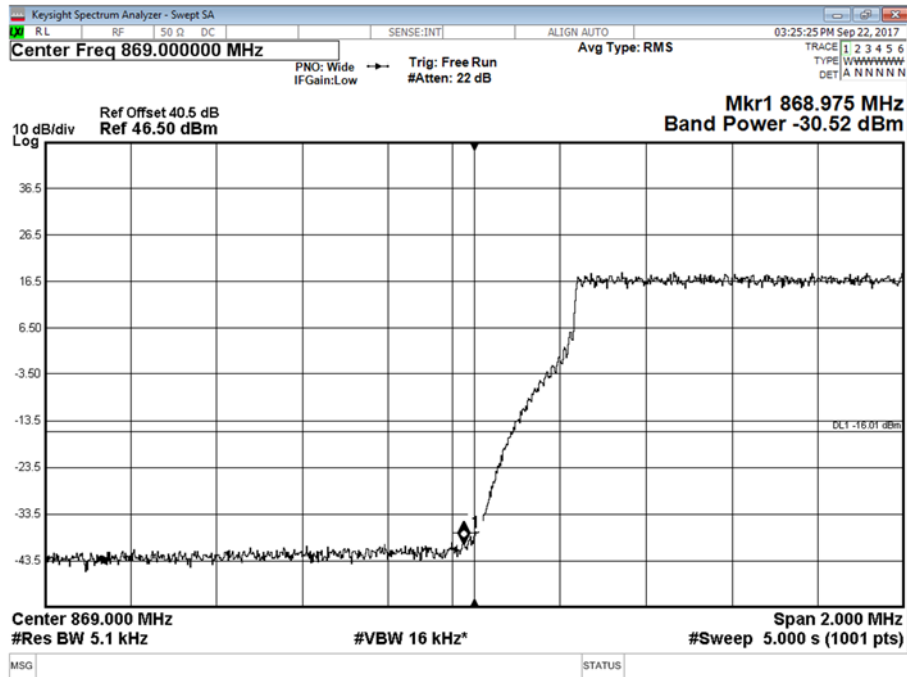
Antenna A - LTE Modulation QPSK - LTE Carrier Bandwidth 3.0 MHz - Channel Position T





Product Service

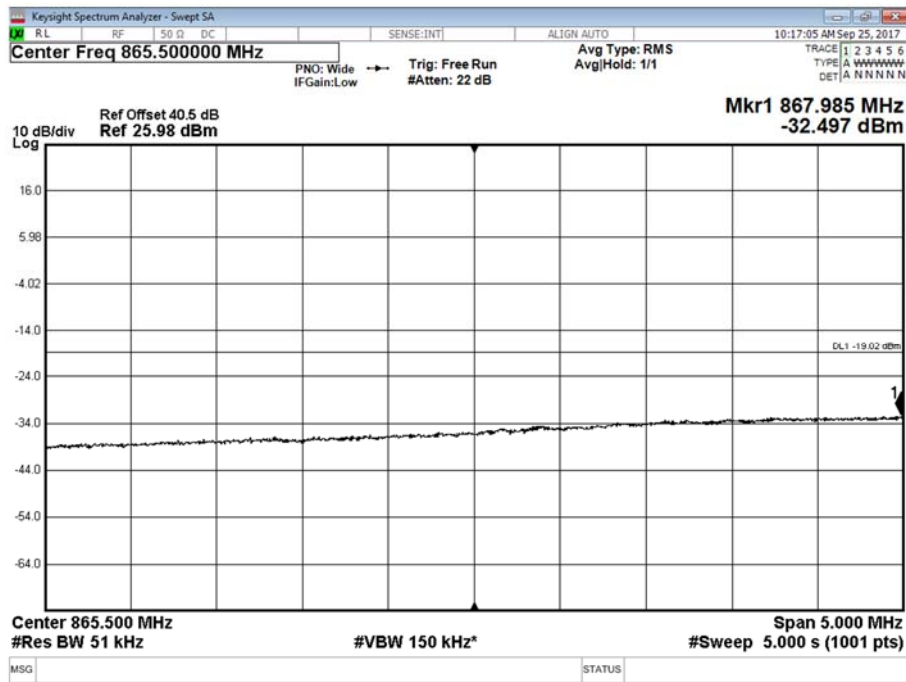
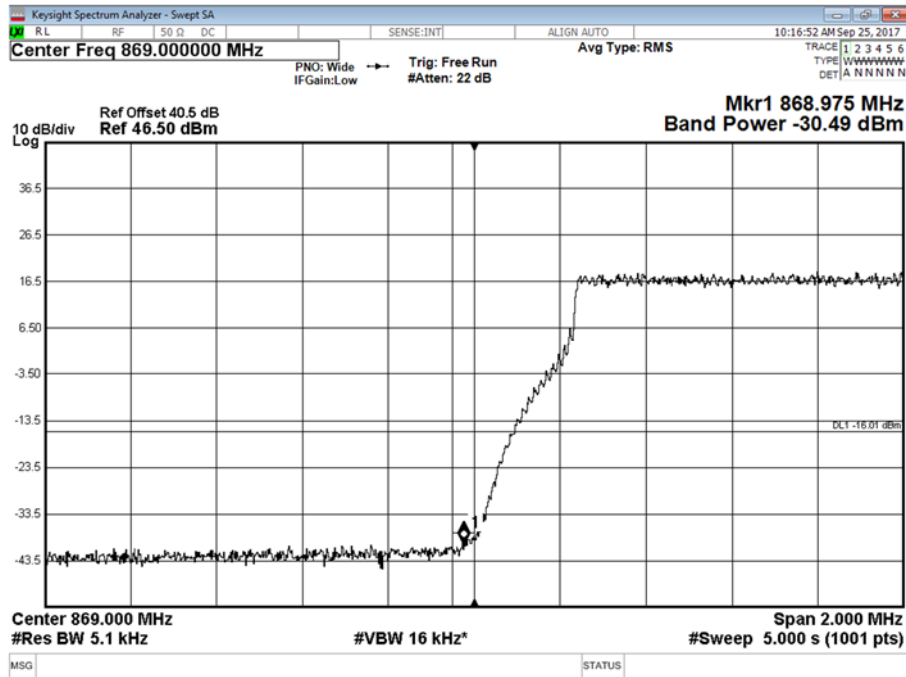
Antenna A - LTE Modulation QPSK - LTE Carrier Bandwidth 5.0 MHz - Channel Position B





Product Service

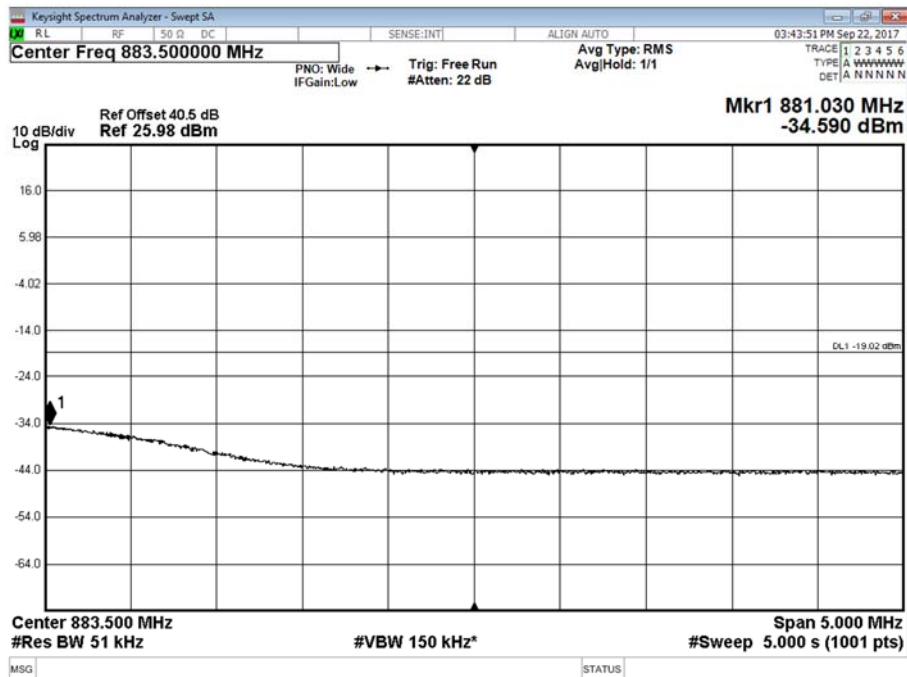
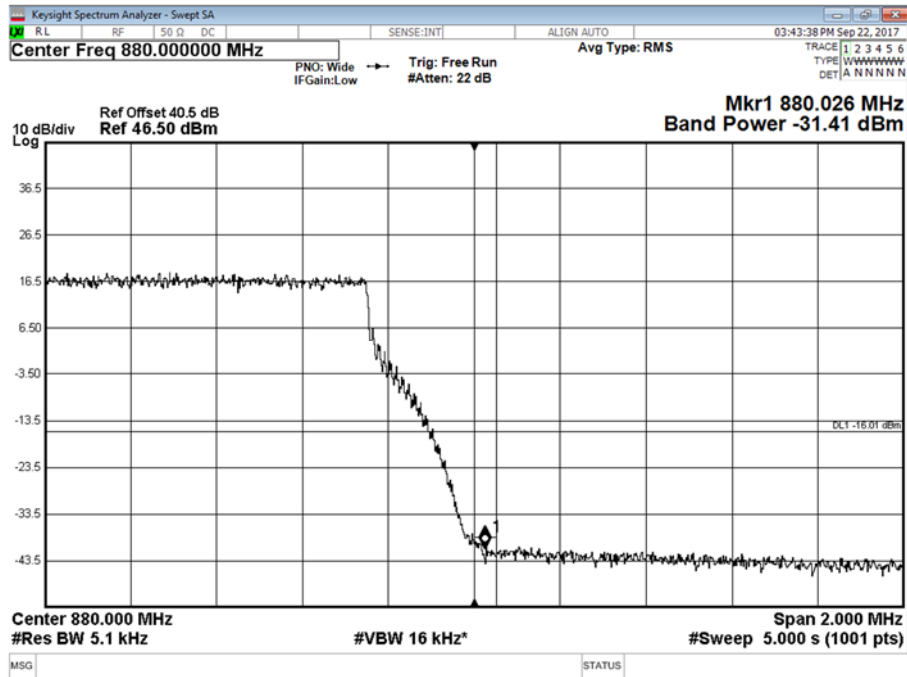
Antenna B - LTE Modulation QPSK - LTE Carrier Bandwidth 5.0 MHz - Channel Position B





Product Service

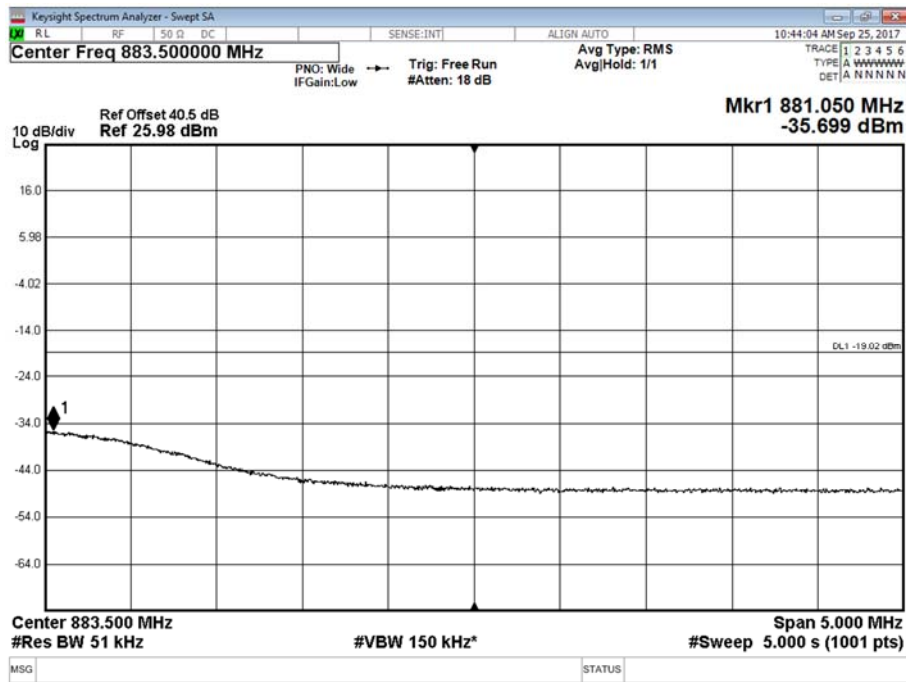
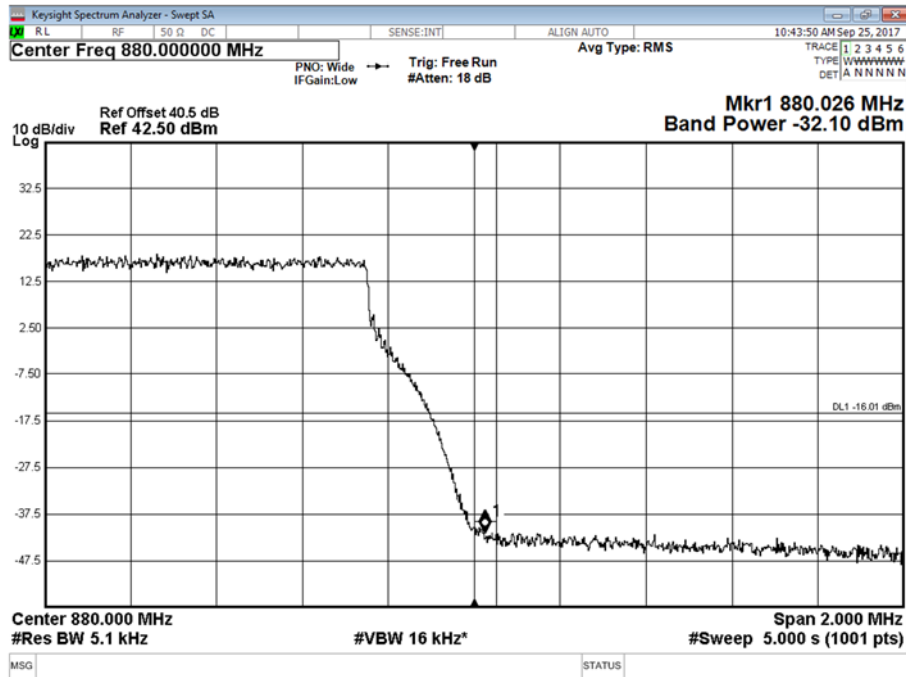
Antenna A - LTE Modulation QPSK - LTE Carrier Bandwidth 5.0 MHz - Channel Position T





Product Service

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





Product Service

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

